

P-W

M.T. BERRY #1 FEDERAL
NE SE 27-11S-10E PIMA CO. 11

STATE LAND DEPARTMENT

STATE OF ARIZONA

Form O&G 56

STATE LAND DEPARTMENT
Form Prescribed Under Oil and Gas Conservation Act of 1951

DEC 4 11 32 AM 1954
ABANDONMENT AND PLUGGING RECORD

(Within thirty days after the plugging of any well has been accomplished, the owner or operator thereof shall file this form with the Commissioner, setting forth in detail the method used in plugging the well.)

PLUGGING METHODS AND PROCEDURE-- The methods and procedure for plugging a well shall be as follows: (a) The bottom of the hole shall be filled to, or a bridge shall be placed at, the top of each producing formation open to the well bore, and in either event a cement plug not less than fifty (50) feet in length shall be placed immediately above each producing formation open to the well bore when ever possible.

(b) A cement plug not less than fifty (50) feet in length shall be placed at approximately fifty (50) feet below all fresh-water-bearing strata.

(c) A plug shall be placed at or near the surface of the ground in each hole.

(d) The interval between plugs shall be filled with heavy-mud-laden fluid.

(e) An uncased hole shall be plugged with heavy mud up to the base of the surface string, at which point a plug of not less than fifty (50) feet of cement shall be placed.

Operator M. T. Berry by P. H. Lund Field Marana

Pool _____

County Pima

Address all correspondence concerning this form to: M. T. Berry Mineral Development Project, % P. H. Lund,

Street: 3411 N. 14th Place, City Phoenix, Arizona, State _____

Lease Name Col. No. 1. Well No. 1. Sec. 27 Twp. 11 S Rge. 10 E.

Date well was plugged November, 1953

Was the well plugged according to regulations of the Commissioner? Yes

Set out method used in plugging well and record of casing pulled: No casing pulled
Well is cased and filled with drilling mud from surface to bottom
25 sacks cement used

STATE OF ARIZONA Arizona
COUNTY OF Maricopa

(AFFIDAVIT)

M. T. Berry Mineral Development
Project, % P. H. Lund
(Operator)

Before me, the undersigned authority, on this day personally appeared P. H. Lund, known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states that he is authorized to make this report and has knowledge of the facts stated herein and that said report is true and correct.

Subscribed and sworn to before me this the 4 day of December, 1954

Dama J. Pemberton
Notary Public in and for County of Maricopa

My commission expires:

May 11, 1958

STATE LAND DEPARTMENT

STATE LAND DEPARTMENT
STATE OF ARIZONA

Form O&G 55

DEC 4 11 24 AM 1954

Form Prescribed Under Oil and Gas Conservation Act 1951
APPLICATION TO ABANDON, PLUG, DEEPEN, SIDETRACK OR PERFORATE
(After Well Has Once Been Completed)

INSTRUCTIONS: -- File in duplicate with Commissioner. One copy will be returned with approval or denial.

FIELD: Marana Oil Field, Pima County, Arizona.
OPERATOR: M. T. Berry ADDRESS 1, Washington Ave., Providence 5, RI
LEASE: Federal O-3450 WELL NO. Col. No. 1. COUNTY Pima
SURVEY: SECTION 27 DRILLING PERMIT NO.:
LOCATION: NE of SE sec. 27, T. 11 S. R. 10 E.

TYPE OF WELL: Test for oil and Gas. TOTAL DEPTH 3212 feet
(Oil, Gas or Dry Hole)

ALLOWABLE (If Assigned) None
LAST PRODUCTION TEST: OIL None (Bbls.) WATER None (Bbls.)
GAS None (M.C.F.) DATE OF TEST

PRODUCING HORIZON None PRODUCING FROM: None TO

1. COMPLETE CASING RECORD: 400 feet 12 1/2 inch surface casing

2. FULL DETAILS OF PROPOSED PLAN OF WORK: May deepen this well at some future date.

If the well is to be deepened to another zone other than that covered by permit, this form shall be accompanied by a certified lease plat as is prescribed on Form No. O&G 51.

If well is to be abandoned, does proposed work conform with requirements of SW Rule 26? Yes. If not, outline procedure proposed above.

DATE COMMENCING OPERATIONS: Work was stopped in November 1953
NAME OF PARTY DOING WORK: Geo. M. Mason, Contractor ADDRESS Mesa, Arizona
CORRESPONDENCE SHOULD BE SENT TO: M. T. Berry Mineral Development Project,
% P. H. Lund, 3411 N. 14th Place, Phoenix, Arizona.

NAME: P. H. Lund, Engineer,
TITLE: Geologist Phone AM. 6-8271

APPROVED: 12th DAY OF January 1955.

DENIED: _____ DAY OF _____ 19____.

[Signature]
STATE LAND COMMISSIONER

BY: _____

LOG, Col. #1 FEDERAL

MELVIN T. BERRY MINERAL DEVELOPMENT PROJECT
Pima County, Arizona

LOCATION: NE $\frac{1}{4}$ of SE $\frac{1}{4}$, Section 27, 11-S 10-E P.H. Lund Engineering Co.

ELEVATION: 1919.68 ft. A.S.L. on Derrick Floor

G. R. Mason Drilling Contractor - Rotary Rig

Spudded in with 15 inch bit August 21st, 1952.
(Samples taken at 10 ft. intervals and sacked.)

0	to	44'	-	44 ft. top soil - Valley fill
44'	to	150'	-	106 ft. sand and gravel
150	to	256	-	106 ft. sandy clay and silt
256	to	397	-	141 ft. sandy gravel - water Set 400 ft. 12 3/4" welded casing.

Starting with 11" bit.

397	to	410'	-	13 feet - sand and gravel
410	to	420	-	10 " - sandy clay
420	to	450	-	30 " - sandy clay
450	to	490	-	40 " - Heavy clay
490	to	510	-	20 " - Hard sandy lime
510	to	520	-	10 " - Gravely clay
520	to	550	-	30 " - Fine gravely clay
550	to	600	-	50 " - Sandy lime
600	to	650	-	50 " - Clay and sand
650	to	680	-	30 " - Sandy clay
680	to	720	-	40 " - Redish sandy clay
720	to	760	-	40 " - Clay
760	to	820	-	60 " - Red sandy clay
820	to	830	-	10 " - Sandy shale
830	to	840	-	10 " - Sandy clay
840	to	890	-	50 " - Fine sandy clay
890	to	950	-	60 " - Fine sandy clay
950	to	1050	-	100" - Redish fine sandy clay
1050	to	1060	-	10 " - Water sand (may be 2nd water table)
1060	to	1070	-	10 " - Red clay
1070	to	1080	-	10 " - Water sand
1080	to	1090	-	10 " - Light colored sandy clay
1090	to	1110	-	20 " - Coarse water sand
1110	to	1130	-	20 " - Light colored clay
1130	to	1160	-	30 " - Coarse water sand
1160	to	1170	-	10 " - Light colored sandy clay
1170	to	1420	-	250" - Coarse water sand
1420	to	1500	-	80 " - Light colored sandy clay
1500	to	1520	-	20 " - Washed gravel - sandy
1520	to	1530	-	10 " - Washed gravel - sandy
1530	to	1550	-	20 " - Dark coarse brown sandy lime
1550	to	1560	-	10 " - Fine light colored sand
1560	to	1600	-	40 " - Dark coarse sand
1600	to	1620	-	20 " - Brown sandy lime
1620	to	1635	-	15 " - Shale showing lime
1635	to	1650	-	15 " - Sandy lime - some shale
1650	to	1658	-	8 " - Sandy lime - some specks of mica
1658	to	1782	-	124" - Brown sand, shell and limey
1782	to	1860	-	98 " - Cemented sand - streaks of lime
1860	to	1940	-	80 " - Sandy lime showing specks of pyrite
1940	to	2030	-	90 " - Sandy lime with some shale
2030	to	2060	-	30 " - Hard drilling fine sand
2060	to	2075	-	15 " - Fine sand showing lime
2075	to	2385	-	310" - Fine sandy silt showing lime
2385	to	2430	-	45 " - Hard sand and heavy clay
2430	to	2585	-	155" - Hard sand with streaks of clay
2585	to	2610	-	30 " - Sand and gravel

Log, Col. #1 FEDERAL, Melvin T. Berry Mineral Development Project,
Pima County, Arizona

LOCATION: NE $\frac{1}{4}$ of SE $\frac{1}{4}$, Section 27, 11-S 10-E--P.H. Lund Engineering Co.

2610'	to	2680'	-	70 "	- Sand and streaks of shale
2680	to	2715	-	35 "	- Sandy with streaks of shale
2715	to	2765	-	50 "	- Hard sand
2765	to	2795	-	30 "	- Hard sand - trace of lime
2795	to	2830	-	35 "	- Hard lime
2830	to	2898	-	68 "	- Hard sandy lime
2898	to	2967	-	69 "	- Hard gray sand
2967	to	3010	-	43 "	- Red rock - very hard (Top of redbeds 2967')
3010	to	3132	-	122"	- Red beds
3132	to	3148	-	16 "	- Coring in the red beds
3148	to	3212	-	64 "	- Red beds (End of contract on this well)

P. H. LUND ENGINEERING COMPANY
 MINING ENGINEERING AND PETROLEUM GEOLOGY
 REPORTS ON OIL, GAS AND MINING PROJECTS

P. H. LUND, PRESIDENT
 PETROLEUM GEOLOGIST,
 REGISTERED MINING AND
 PETROLEUM ENGINEER

SUPERVISORS OF MINING, OIL, AND GAS FIELD DEVELOPMENT

PHOENIX, ARIZONA OFFICE

3411 N. 14TH PLACE

PHONE 6-8430

ASSOCIATED OFFICES AND
 CORRESPONDENTS IN
 PRINCIPAL MINING
 CENTERS AND OIL AND
 GAS PRODUCING
 LOCALITIES

LOG Col. #1 Federal

MELVIN T. BERRY MINERAL DEVELOPMENT PROJECT
 Pima County, Arizona

Location: NE of SE $\frac{1}{4}$, Sec. 27 T 11S, R 10 E.

Elevation: 1919.68 Ft. A.S.L. on Derrick Floor

G. R. Mason Drilling Contractor - Rotary Rig.

Spudded in with 15 inch bit August 21st, 1952.
 (Samples taken at 10 ft. intervals and sacked.)

0	to	44'	-	44 ft. top soil - Valley fill
44'	to	150'	-	106 ft. sand and gravel
150'	to	256'	-	106 ft. sandy clay and silt
256'	to	397'	-	141 ft. sandy gravel - water

Set 400 ft. 1 $\frac{1}{2}$ 3/4" welded casing.

Starting with 11" bits:

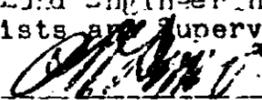
397'	to	410'	-	13 feet - Sand and gravel
410'	to	420'	-	10 " - Sandy clay
420'	to	450'	-	30 " - " "
450'	to	490'	-	40 " - Heavy clay
490'	to	510'	-	20 " - Hard sandy lime
510'	to	520'	-	10 " - Gravely clay
520'	to	550'	-	30 " - Fine gravely clay
550'	to	600'	-	50 " - Sandy lime
600'	to	650'	-	50 " - Clay and sand
650'	to	680'	-	30 " - Sandy clay
680'	to	720'	-	40 " - Reddish sandy clay
720'	to	760'	-	40 " - clay
760'	to	820'	-	60 " - Red sandy clay
820'	to	830'	-	10 " - Sandy shale
830'	to	840'	-	10 " - " clay
840'	to	890'	-	50 " - Fine sandy clay
890'	to	950'	-	60 " - " "
950'	to	1050'	-	100 " - Reddish fine sandy clay
1050'	to	1060'	-	10 " - Water sand (may be 2nd water table)
1060'	to	1070'	-	10 " - Red clay
1070'	to	1080'	-	10 " - water sand
1080'	to	1090'	-	10 " - Light colored sandy clay
1090'	to	1110'	-	20 " - Coarse water sand
1110'	to	1130'	-	20 " - Light colored clay

Page 2.

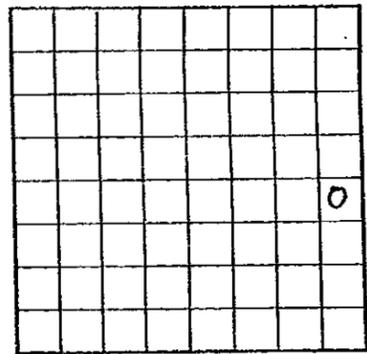
1130'	to	1160'	-	30 feet	-	Coarse water sand
1160'	to	1170'	-	10	"	Light colored sandy clay
1170'	to	1420'	-	250	"	Coarse water sand
1420'	to	1500'	-	80	"	Light colored sandy clay
1500'	to	1520'	-	20	"	Washed gravel - sandy
1520'	to	1530'	-	10	"	" " "
1530'	to	1550'	-	20	"	Dark coarse brown sandy lime
1550'	to	1560'	-	10	"	Fine light colored sand
1560'	to	1600'	-	40	"	Dark coarse sand
1600'	to	1620'	-	20	"	Brown sandy lime
1620'	to	1635'	-	15	"	Shale showing lime
1635'	to	1650'	-	15	"	Sandy lime - some shale
1650'	to	1658'	-	8	"	" " " specks of mica
1658'	to	1782'	-	124	"	Brown sand, shell and limey
1782'	to	1860'	-	98	"	Cemented sand - streaks of lime
1860'	to	1940'	-	80	"	Sandy lime showing specks of pyrite
1940'	to	2030'	-	90	"	Sandy lime with some shale
2030'	to	2060'	-	30	"	Hard drilling fine sand
2060'	to	2075'	-	15	"	Fine sand showing lime
2075'	to	2385'	-	310	"	Fine sandy silt showing lime
2385'	to	2430'	-	45	"	Hard sand and heavy clay
2430'	to	2585'	-	155	"	Hard sand with streaks of clay
2580'	to	2610'	-	30	"	Sand and gravel
2610'	to	2680'	-	70	"	Sand and streaks of shale
2680'	to	2715'	-	35	"	Sandy with streaks of shale
2715'	to	2765'	-	50	"	Hard sand
2765'	to	2795'	-	30	"	Hard sand - trace of lime
2795'	to	2830'	-	35	"	Hard lime
2830'	to	2898'	-	68	"	Hard sandy lime
2898'	to	2967'	-	69	"	Hard gray sand
2967'	to	3010'	-	43	"	Red rock - very hard (Top of the redbeds 2967')
3010'	to	3132'	-	122	"	Red beds
3132'	to	3148'	-	16	"	coring in the red beds
3148'	to	3212'	-	64	"	Red beds.

(End of contract on this well)

P. H. Lund Engineering Co.,
Geologists and Supervisors of Development

By 
P. H. Lund, Pres.

Form 9-380



COPY TO Arizona

U. S. LAND OFFICE Arizona
 SERIAL NUMBER 03450
 LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

U. S. GEOLOGICAL SURVEY
 RECEIVED

Jan 4
 ARTESIA, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Melvin T. Berry Mineral Development Project Address 3411 N. 14th Place, Phoenix, Ariz.
 Lessor or Tract _____ Field Marana State Arizona
 Well No. 1 Berry 67 T1S R0E Meridian G&SR&M County Pima
 Location 6610 ft. (N. of _____) Line and 330 ft. (E. of _____) Line of 27 Elevation 1919.68'
(Denote base relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed P. H. Lund
 Title Attorney in Fact

Date December 31, 1952

The summary on this page is for the condition of the well at above date.

Commenced drilling August 17th, 1952 Finished drilling Temp. Sept. 17, 1952

OIL OR GAS SANDS OR ZONES
 (Denote gas by G)

No. 1, from none to _____ No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 350 to 375 No. 3, from _____ to _____
 No. 2, from 1500 to 1550 No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From-	To-	
<u>12 3/4</u>				<u>400'</u>	<u>none</u>		<u>none</u>		

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>12 3/4</u>	<u>397'</u>	<u>50</u>	<u>Dump</u>		

PLUGS AND ADAPTERS

Heaving plug—Material none Length _____ Depth set _____
 Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
	<u>None</u>					

TOOLS USED

Rotary tools were used from surface feet to 3212 feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATE 1952
 (Job Put to producing 1952)
 The production for the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____
 If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
 Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Driller Ray Mason Well Drilling Company
 Driller _____
 Driller _____
 FORMATION RECORD

FOLD MARK

Date October 31, 1952

Signed P. F. Land
Title Attorney in Fact

The summary on this page is for the condition of the well at above date.

Commenced drilling Aug. 17th, 1952 Finished drilling Temp. Sept. 17, 1952

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from none to No. 4, from to
No. 2, from to No. 5, from to
No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

No. 1, from 350 to 375 No. 3, from to
No. 2, from 1500 to 1550 No. 4, from to

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
12 3/4				400'		none	From—	To—	none
KIPLOKA OIL OR GAS SANDS									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
12 3/4	397'	50	Dump		

PLUGS AND ADAPTERS

Heaving plug—Material none Length Depth set
Adapters—Material Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
	None					

TOOLS USED

Rotary tools were used from surface feet to 3212 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

Put to producing , 1952
The production for the first 24 hours was barrels of fluid of which % was oil; % emulsion; % water; and % sediment. Gravity, °Bé.
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in.

EMPLOYEES

Driller Driller
Company Company

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Spudded in with 15 inch bit August 17, 1952			(Samples taken at 10 ft. intervals and soaked.)
0	44	44	Top soil - Valley fill
44	106	106	Sand & gravel
150	106	106	Sandy clay and silt
256	141	141	Sandy gravel - water
Starting with 11" bit			Set 400 ft. 12 3/4" welded casing.
397	410	13	Sand & gravel
410	420	10	Sandy clay
420	450	30	" "
460	490	40	Heavy clay - sand
490	510	20	Hard sandy lime
510	520	10	Gravelly clay
520	550	30	Fine gravelly clay
550	600	50	Sandy lime
600	650	50	Clays and sand
650	680	30	Sandy clay
680	720	40	Reddish sandy clay
720	760	40	clay
760	820	60	Red sandy clay
820	830	10	Sandy shale
830	840	10	" clay
840	890	50	Fine sandy clay

FORMATION

FOLD MARK

FORMATION RECORD - Continued

FROM-	TO-	TOTAL FEET	FORMATION
890	950	60	Fine sandy clay
950	1050	100	Reddish fine sandy clay
1050	1060	10	Water sand (may be 2nd water table)
1060	1070	10	Red clay
1070	1080	10	Water sand
1080	1090	10	Light colored sandy clay
1090	1110	20	Coarse water sand
1110	1130	20	Light colored clay
1130	1160	30	Coarse water sand
1160	1170	10	Light colored sandy clay
1170	1420	250	Coarse water sand
1420	1500	80	Light colored sandy clay
1500	1520	20	Washed gravel - sandy
1520	1530	10	" " "
1530	1550	20	Dark coarse brown sandy lime
1550	1560	10	Fine light colored sand
1560	1600	40	Dark coarse sand
1600	1620	20	Brown sandy lime
1620	1635	15	Shale showing lime
1635	1650	15	Sandy lime - some shale
1650	1658	8	" " " specks of mica
1658	1782	124	Brown sand, shell and limey
1782	1860	98	Cemented sand - streaks of lime
1860	1940	80	Sandy lime showing specks of pyrite
1940	2030	90	Sandy lime with some shale
2030	2060	30	Hard drilling fine sand
2060	2075	15	Fine sand showing lime
2075	2385	310	Fine sandy silt showing lime
2385	2430	45	Hard sand and heavy clay
2430	2585	155	Hard sand with streaks of clay
2580	2610	30	Sand and gravel
2610	2680	70	Sand and streaks of shale
2680	2715	35	Sandy with streaks of shale
2715	2785	50	Hard sand
2765	2795	30	Hard sand - trace of lime
2795	2830	35	Hard lime
2830	2898	68	Hard sandy lime
2898	2967	69	Hard gray sand
2967	3010	43	Red rock - very hard (Top of the redbeds 2967')
3010	3132	122	Red beds
3132	3148	16	Coring in the red beds
3148	3212	64	Red beds

LOGS USED

LOG NO.	DATE	BY	DESCRIPTION

SHOOTING RECORD

DATE	TIME	DEPTH	REMARKS

PLUGS AND VALVES

DATE	DEPTH	TYPE	REMARKS

MUDDING AND CEMENTING RECORD

DATE	DEPTH	TYPE	REMARKS

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

DATE	DEPTH	TYPE	REMARKS

CASING RECORD

NO.	FROM	TO	NO.	FROM	TO
No. 3'	1000	1220	No. 4'		
No. 1'	320	312	No. 2'		

IMPORTANT WATER SANDS

NO.	FROM	TO	NO.	FROM	TO
No. 3'			No. 0'		
No. 2'			No. 2'		
No. 1'			No. 4'		

FORMATION RECORD—Continued

FROM-	TO-	TOTAL FEET	FORMATION
990	990	60	Fine sandy clay
990	1050	100	Reddish fine sandy clay
1050	1060	10	Water sand (may be 2nd water table)
1060	1070	10	Red clay
1070	1080	10	Water sand
1080	1090	10	Light colored sandy clay
1090	1110	20	Coarse water sand
1110	1130	20	Light colored clay
1130	1160	30	Coarse water sand
1160	1170	10	Light colored sandy clay
1170	1420	250	Coarse water sand
1420	1500	80	Light colored sandy clay
1500	1520	20	Washed gravel - sandy
1520	1530	10	"
1530	1550	20	Dark coarse brown sandy lime
1550	1560	10	Fine light colored sand
1560	1600	40	Dark coarse sand
1600	1620	20	Brown sandy lime
1620	1635	15	Shale showing lime
1635	1650	15	Sandy lime - some shale
1650	1658	8	" " " specks of mica
1658	1782	124	Brown sand, shell and limy
1782	1860	98	Cemented sand - streaks of lime
1860	1940	80	Sandy lime showing specks of pyrite
1940	2030	90	Sandy lime with some shale
2030	2060	30	Hard drilling fine sand
2060	2075	15	Fine sand showing lime
2075	2385	310	Fine sandy silt showing lime
2385	2430	45	Hard sand and heavy clay
2430	2585	155	Hard sand with streaks of clay
2580	2610	30	Sand and gravel
2610	2680	70	Sand and streaks of shale
2680	2715	35	Sandy with streaks of shale
2715	2785	50	Hard sand
2785	2795	30	Hard sand - trace of lime
2795	2830	35	Hard lime
2830	2898	68	Hard sandy lime
2898	2967	69	Hard gray sand
2967	3010	43	Red rock - very hard
		10	(Top of the redbeds 2967')
3010	3132	122	Redbeds
3132	3148	16	Coring in the red beds
3148	3212	64	Red beds

LOGS USED

SHOOTING RECORD

BLUES AND YOLLEKS

MUDDING AND CEMENTING RECORD

HISTORY OF OIL OR GAS WELL

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DATE	NO. OF PLUGS	POSITION	RESULTS

CASING RECORD

NO. & SIZE	DATE	DEPTH	REMARKS
No. 3' from	1900	to 1920	
No. 1' from	200	to 230	

IMPORTANT WATER SANDS

NO. & SIZE	DEPTH	REMARKS
No. 3' from	to	
No. 2' from	to	
No. 1' from	to	

LOGS USED

Form 9-331a
(Feb. 1951)

APPROVED
JAN 25 1953
District Engineer

Budget Bureau 42-R358.2
Approval expires 12-31-52

(SUBMIT IN TRIPPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Arizona
Lease No. 03450
Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	<input type="checkbox"/>
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	<input type="checkbox"/>
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	<input type="checkbox"/>
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	<input type="checkbox"/>
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	<input type="checkbox"/>
NOTICE OF INTENTION TO ABANDON WELL		<input type="checkbox"/>

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

December 31, 1952

Well No. 1 is located 3310 ft. from SW line and 330 ft. from E line of sec. 27

NE SE 27 11E 10E T. 2 S. R. 8 E. & E.

(Field) Pima Arizona
(County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 1920 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

On or about August 17, 1952 we ran and cemented 397' of 12 3/4" casing with 50 sacks of cement. Allowed cement to set 72 hours and tested for water shut off. Resumed drilling on August 20, 1952.

U. S. GEOLOGICAL SURVEY
RECEIVED

JAN 14 1953

ARTESIAN NEW MEXICO

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Helvin T. Berry Mineral Development Project

Address 3411 N. 14th Place

Phoenix, Arizona

By [Signature]
By P. H. Lund, Attorney in Fact

Title Field Engineer

Form 9-331a
(Feb. 1951)

Budget Bureau 12-1338.2
Approval expires 12-31-52.

Land Office Arizona
Lease No. 05460
Unit _____

JAN 15 1953
Joe H. Lund

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
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NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

December 31, 19 52

Well No. 1 is located 2310 ft. from 20N line and 350 ft. from E line of sec. 27

NE 3E 27 11S 10E G & GREEN
(4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Pima Arizona
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 1920 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

We propose to drill this well to approximately 4000' unless oil or gas is encountered at a lesser depth. 12 3/4" surface casing will be set and cemented at 400' with 50 sacks. Other casing will be run as hole conditions require. If oil or gas is encountered a string of 6 5/8" casing will be run and cemented with not less than 100 sacks of cement, or as required by U. S. Geological Survey.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

U. S. GEOLOGICAL SURVEY
RECEIVED

Company Helvin G. Berry Mineral Development Project

Address 3411 E. 4th Place
Phoenix, Arizona

[Signature]
By P. H. Lund, Attorney in Fact
Title Field Engineer

STATE LAND DEPARTMENT
STATE OF ARIZONA

Form OG 51

Form Prescribed Under Oil and Gas Conservation Act of 1951

NOTICE OF INTENTION TO DRILL NEW WELL

This notice and surety bond must be filed and permit
must be granted before drilling begins

Phoenix Ariz. July 31 1952

State Land Commissioner

In compliance with Statewide Rule 3, notice is hereby given that it is our
intention to commence the work of drilling well No. 1 Sec. 27,
Gila and M. T. Berry Mineral Development
T. 11 South, R. 10 East, Salt River B. & M., Project Col. N. 1, Field,
Federal
PTMA County.

Legal description of lease The Northeast Quarter of the Southeast Quarter
(Attach map or plat to scale)
of Section 27, Township 11 South, Range 10 East of the Gila and Salt
River Base and Meridian, said location to be known as M. T. Berry Mineral
Development Project Col. N. 1, Federal

Location of Well: 300 feet southwesterly from the northeast corner of
(Give exact footage from section corners or other
above named tract.

Proposed drilling depth 3200 feet. Acres in drilling unit 40. Has
surety bond been filed? Yes. Is location a regular or exception to
spacing rule? Regular.

Elevation of ground above sea level 1200 feet.
Approximately

All depth measurements taken from top of Rotary Table
(Derrick, floor, Rotary Table or Kelly
which is 4 feet feet above the ground.
Bushing)

PROPOSED CASING PROGRAM

Size of Casing	Inches A.P.I.	Weight	Grade and Type	Top	Bottom	Cementing Depths
<u>12 3/4 O.D.</u>	<u>38#</u>	<u>1/4" tapering to 6 5/8"</u>				<u>400 feet approximately</u>

Intended Zone or Zones of completion:
Name

Perforated Interval

Geological structure unknown as this is an entirely unexplored field.

AFFIDAVIT:

I hereby certify under the penalty of perjury, that the information contained
and statements herein made are to the best of my knowledge and belief, true, correct
and complete.

M. T. Berry
(Applicant)

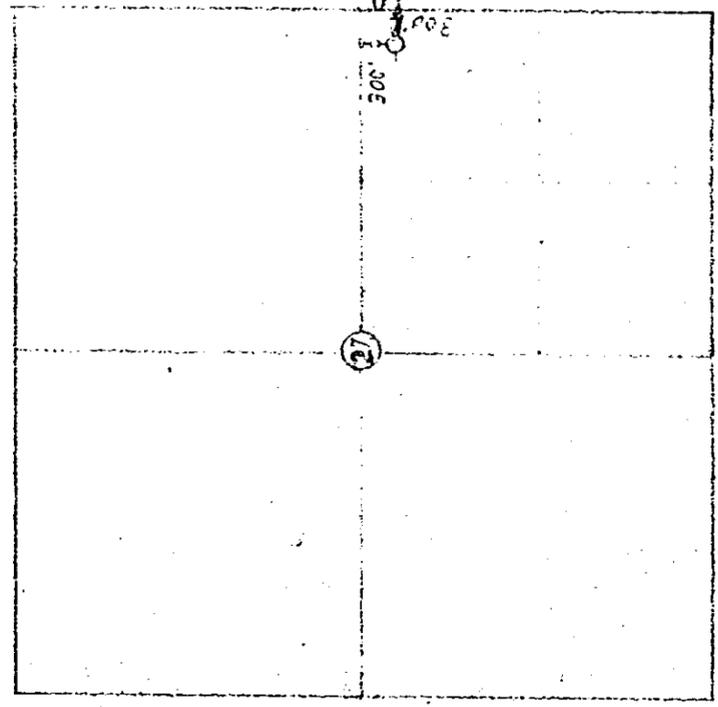
By James B. Burger - Person of Attorney

Application approved this 19 day of August 1952

Permit NO. 11

James B. Burger
DEPUTY State Land Commissioner

M.T. BERRY MINERAL DEV.



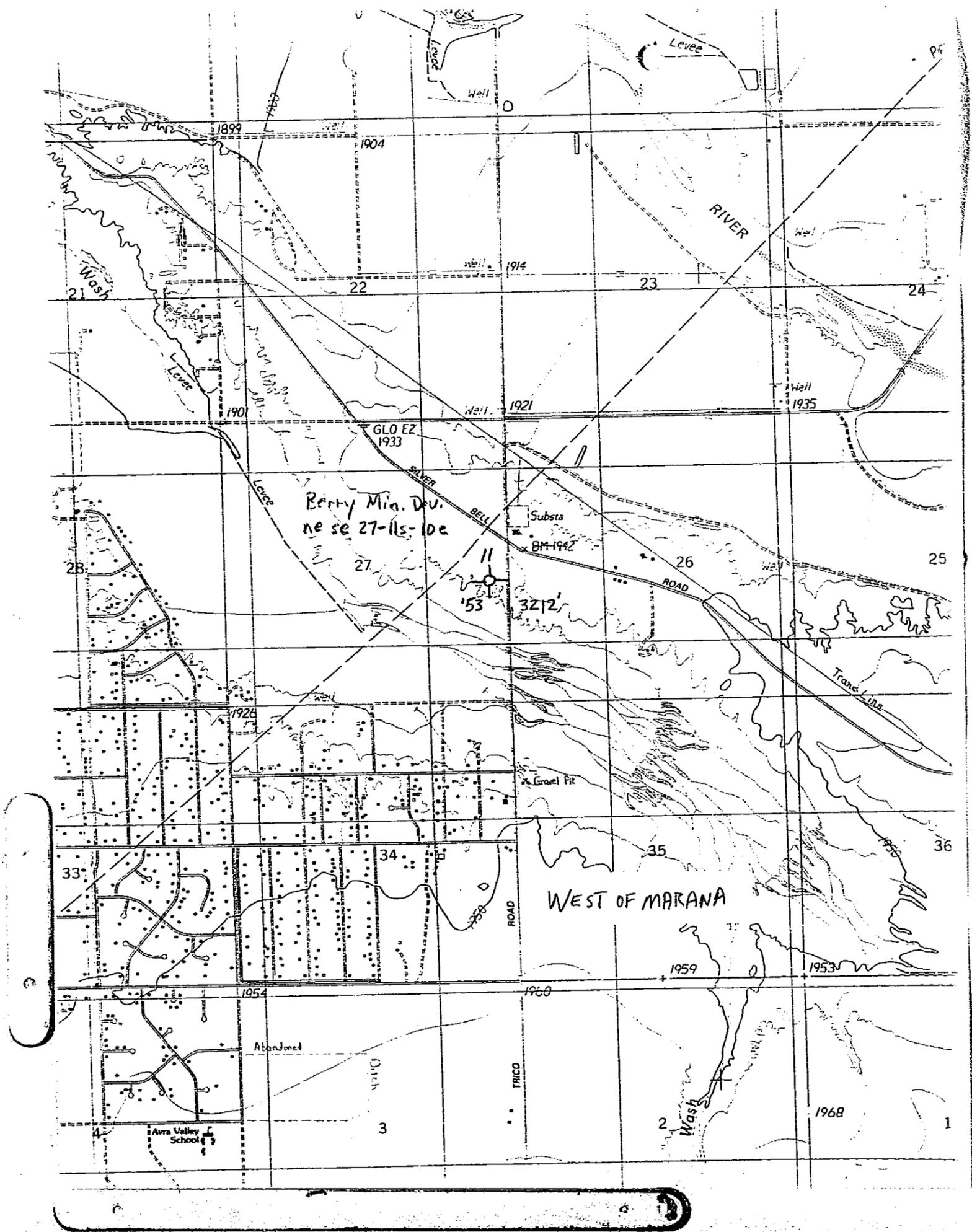
For water to land
300' radius
from the center
of well
no water
to be used
for 3310' or
3015' or
3015'

WELL LOCATION
NE 1/4 of SE 1/4 Sec. 27
T. 11 S. R. 10 E. G. S. R. B. M.

Scale 4" = 1 mile

R.H.L.U.D.

PRINTED ON DEPO 100% CLEAR PAPER



LOG, Col. #1 FEDERAL

MELVIN T. BERRY MINERAL DEVELOPMENT PROJECT
Pima County, Arizona

LOCATION: NE $\frac{1}{4}$ of SE $\frac{1}{4}$, Section 27, 11-S 10-E P.H. Lund Engineering Co.

ELEVATION: 1919.68 ft. A.S.L. on Derrick Floor

G. R. Mason Drilling Contractor - Rotary Rig

Spudded in with 15 inch bit August 21st, 1952.
(Samples taken at 10 ft. intervals and sacked.)

0	to	44'	-	44 ft. top soil - Valley fill
44'	to	150'	-	106 ft. sand and gravel
150	to	256	-	106 ft. sandy clay and silt
256	to	397	-	141 ft. sandy gravel - water Set 400 ft. 12 3/4" welded casing.

Starting with 11" bit.

397	to	410'	-	13 feet - sand and gravel
410	to	420	-	10 " - sandy clay
420	to	450	-	30 " - sandy clay
450	to	490	-	40 " - Heavy clay
490	to	510	-	20 " - Hard sandy lime
510	to	520	-	10 " - Gravely clay
520	to	550	-	30 " - Fine gravely clay
550	to	600	-	50 " - Sandy lime
600	to	650	-	50 " - Clay and sand
650	to	680	-	30 " - Sandy clay
680	to	720	-	40 " - Redish sandy clay
720	to	760	-	40 " - Clay
760	to	820	-	60 " - Red sandy clay
820	to	830	-	10 " - Sandy shale
830	to	840	-	10 " - Sandy clay
840	to	890	-	50 " - Fine sandy clay
890	to	950	-	60 " - Fine sandy clay
950	to	1050	-	100" - Redish fine sandy clay
1050	to	1060	-	10 " - Water sand (may be 2nd water table)
1060	to	1070	-	10 " - Red clay
1070	to	1080	-	10 " - Water sand
1080	to	1090	-	10 " - Light colored sandy clay
1090	to	1110	-	20 " - Coarse water sand
1110	to	1130	-	20 " - Light colored clay
1130	to	1160	-	30 " - Coarse water sand
1160	to	1170	-	10 " - Light colored sandy clay
1170	to	1420	-	250" - Coarse water sand
1420	to	1500	-	80 " - Light colored sandy clay
1500	to	1520	-	20 " - Washed gravel - sandy
1520	to	1530	-	10 " - Washed gravel - sandy
1530	to	1550	-	20 " - Dark coarse brown sandy lime
1550	to	1560	-	10 " - Fine light colored sand
1560	to	1600	-	40 " - Dark coarse sand
1600	to	1620	-	20 " - Brown sandy lime
1620	to	1635	-	15 " - Shale showing lime
1635	to	1650	-	15 " - Sandy lime - some shale
1650	to	1658	-	8 " - Sandy lime - some specks of mica
1658	to	1782	-	124" - Brown sand, shell and limey
1782	to	1860	-	98 " - Cemented sand - streaks of lime
1860	to	1940	-	80 " - Sandy lime showing specks of pyrite
1940	to	2030	-	90 " - Sandy lime with some shale
2030	to	2060	-	30 " - Hard drilling fine sand
2060	to	2075	-	15 " - Fine sand showing lime
2075	to	2385	-	310" - Fine sandy silt showing lime
2385	to	2430	-	45 " - Hard sand and heavy clay
2430	to	2585	-	155" - Hard sand with streaks of clay
2585	to	2610	-	30 " - Sand and gravel

Log, Col. #1 FEDERAL, Melvin T. Berry Mineral Development Project,
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LOCATION: NE $\frac{1}{4}$ of SE $\frac{1}{4}$, Section 27, 11-S 10-E--P.H. Lund Engineering Co.

2610'	to	2680'	-	70 "	- Sand and streaks of shale
2680	to	2715	-	35 "	- Sandy with streaks of shale
2715	to	2765	-	50 "	- Hard sand
2765	to	2795	-	30 "	- Hard sand - trace of lime
2795	to	2830	-	35 "	- Hard lime
2830	to	2898	-	68 "	- Hard sandy lime
2898	to	2967	-	69 "	- Hard gray sand
2967	to	3010	-	43 "	- Red rock - very hard (Top of redbeds 2967')
3010	to	3132	-	122"	- Red beds
3132	to	3148	-	16 "	- Coring in the red beds
3148	to	3212	-	64 "	- Red beds (End of contract on this well)

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MELVIN T. BERRY MINERAL DEVELOPMENT PROJECT
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410	to	420	-	10 " - sandy clay
420	to	450	-	30 " - sandy clay
450	to	490	-	40 " - Heavy clay
490	to	510	-	20 " - Hard sandy lime
510	to	520	-	10 " - Gravely clay
520	to	550	-	30 " - Fine gravely clay
550	to	600	-	50 " - Sandy lime
600	to	650	-	50 " - Clay and sand
650	to	680	-	30 " - Sandy clay
680	to	720	-	40 " - Redish sandy clay
720	to	760	-	40 " - Clay
760	to	820	-	60 " - Red sandy clay
820	to	830	-	10 " - Sandy shale
830	to	840	-	10 " - Sandy clay
840	to	890	-	50 " - Fine sandy clay
890	to	950	-	60 " - Fine sandy clay
950	to	1050	-	100" - Redish fine sandy clay
1050	to	1060	-	10 " - Water sand (may be 2nd water table)
1060	to	1070	-	10 " - Red clay
1070	to	1080	-	10 " - Water sand
1080	to	1090	-	10 " - Light colored sandy clay
1090	to	1110	-	20 " - Coarse water sand
1110	to	1130	-	20 " - Light colored clay
1130	to	1160	-	30 " - Coarse water sand
1160	to	1170	-	10 " - Light colored sandy clay
1170	to	1420	-	250" - Coarse water sand
1420	to	1500	-	80 " - Light colored sandy clay
1500	to	1520	-	20 " - Washed gravel - sandy
1520	to	1530	-	10 " - Washed gravel - sandy
1530	to	1550	-	20 " - Dark coarse brown sandy lime
1550	to	1560	-	10 " - Fine light colored sand
1560	to	1600	-	40 " - Dark coarse sand
1600	to	1620	-	20 " - Brown sandy lime
1620	to	1635	-	15 " - Shale showing lime
1635	to	1650	-	15 " - Sandy lime - some shale
1650	to	1658	-	8 " - Sandy lime - some specks of mica
1658	to	1782	-	124" - Brown sand, shell and limey
1782	to	1860	-	98 " - Cemented sand - streaks of lime
1860	to	1940	-	80 " - Sandy lime showing specks of pyrite
1940	to	2030	-	90 " - Sandy lime with some shale
2030	to	2060	-	30 " - Hard drilling fine sand
2060	to	2075	-	15 " - Fine sand showing lime
2075	to	2385	-	310" - Fine sandy silt showing lime
2385	to	2430	-	45 " - Hard sand and heavy clay
2430	to	2585	-	155" - Hard sand with streaks of clay
2585	to	2610	-	30 " - Sand and gravel

Log, Col. #1 FEDERAL, Melvin T. Berry Mineral Development Project,
Pima County, Arizona

LOCATION: NE $\frac{1}{4}$ of SE $\frac{1}{4}$, Section 27, 11-S 10-E--P.H. Lund Engineering Co.

2610'	to	2680'	-	70 "	- Sand and streaks of shale
2680	to	2715	-	35 "	- Sandy with streaks of shale
2715	to	2765	-	50 "	- Hard sand
2765	to	2795	-	30 "	- Hard sand - trace of lime
2795	to	2830	-	35 "	- Hard lime
2830	to	2898	-	68 "	- Hard sandy lime
2898	to	2967	-	69 "	- Hard gray sand
2967	to	3010	-	43 "	- Red rock - very hard (Top of redbeds 2967')
3010	to	3132	-	122"	- Red beds
3132	to	3148	-	16 "	- Coring in the red beds
3148	to	3212	-	64 "	- Red beds (End of contract on this well)

(LOG, Col. # FEDERAL (

MELVIN T. BERRY MINERAL DEVELOPMENT PROJECT
Pima County, Arizona

LOCATION: NE $\frac{1}{4}$ of SE $\frac{1}{4}$, Section 27, 11-S 10-E P.H. Lund Engineering Co.

ELEVATION: 1919.68 ft. A.S.L. on Derrick Floor

G. R. Mason Drilling Contractor - Rotary Rig

Spudded in with 15 inch bit August 21st, 1952.
(Samples taken at 10 ft. intervals and sacked.)

0	to	44'	-	44 ft. top soil - Valley fill
44'	to	150'	-	106 ft. sand and gravel
150	to	256	-	106 ft. sandy clay and silt
256	to	397	-	141 ft. sandy gravel - water Set 400 ft. 12 3/4" welded casing.

Starting with 11" bit.

397	to	410'	-	13 feet - sand and gravel
410	to	420	-	10 " - sandy clay
420	to	450	-	30 " - sandy clay
450	to	490	-	40 " - Heavy clay
490	to	510	-	20 " - Hard sandy lime
510	to	520	-	10 " - Gravely clay
520	to	550	-	30 " - Fine gravely clay
550	to	600	-	50 " - Sandy lime
600	to	650	-	50 " - Clay and sand
650	to	680	-	30 " - Sandy clay
680	to	720	-	40 " - Reddish sandy clay
720	to	760	-	40 " - Clay
760	to	820	-	60 " - Red sandy clay
820	to	830	-	10 " - Sandy shale
830	to	840	-	10 " - Sandy clay
840	to	890	-	50 " - Fine sandy clay
890	to	950	-	60 " - Fine sandy clay
950	to	1050	-	100" - Reddish fine sandy clay
1050	to	1060	-	10 " - Water sand (may be 2nd water table)
1060	to	1070	-	10 " - Red clay
1070	to	1080	-	10 " - Water sand
1080	to	1090	-	10 " - Light colored sandy clay
1090	to	1110	-	20 " - Coarse water sand
1110	to	1130	-	20 " - Light colored clay
1130	to	1160	-	30 " - Coarse water sand
1160	to	1170	-	10 " - Light colored sandy clay
1170	to	1420	-	250" - Coarse water sand
1420	to	1500	-	80 " - Light colored sandy clay
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2385	to	2430	-	45 " - Hard sand and heavy clay
2430	to	2585	-	155" - Hard sand with streaks of clay
2585	to	2610	-	30 " - Sand and gravel

Log, Col. #1 FEDERAL, Melvin T. Berry Mineral Development Project,
Pima County, Arizona

LOCATION: NE $\frac{1}{4}$ of SE $\frac{1}{4}$, Section 27, 11-S 10-E--P.H. Lund Engineering Co.

2610'	to	2680'	-	70 "	- Sand and streaks of shale
2680	to	2715	-	35 "	- Sandy with streaks of shale
2715	to	2765	-	50 "	- Hard sand
2765	to	2795	-	30 "	- Hard sand - trace of lime
2795	to	2830	-	35 "	- Hard lime
2830	to	2898	-	68 "	- Hard sandy lime
2898	to	2967	-	69 "	- Hard gray sand
2967	to	3010	-	43 "	- Red rock - very hard (Top of redbeds 2967')
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3132	to	3148	-	16 "	- Coring in the red beds
3148	to	3212	-	64 "	- Red beds (End of contract on this well)

STATE OF ARIZONA
STATE LAND DEPARTMENT
BOND FOR DRILLING OIL OR GAS WELL

State of Arizona)
County of Maricopa)

KNOW ALL MEN BY THESE PRESENTS:

That we, Melvin T. Berry, 1 Washington Ave., Providence, R. I.

hereinafter called Principal, and FIDELITY AND DEPOSIT COMPANY OF MARYLAND hereinafter called the Surety, are held and firmly bound unto the State of Arizona in the sum of Ten Thousand Dollars (\$10,000) for the payment of which the Principal and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

Whereas the Principal has obtained a permit from the State Land Commissioner to drill a well in search of oil or gas, and whereas said Principal is required by provisions of the Oil and Gas Conservation Act of 1951 to deposit with the said Commissioner a good and sufficient bond:

Now, therefore, the condition of the foregoing obligation is such that if the Principal shall drill, case and plug all wells drilled by said Principal in such manner as to prevent the escape of oil or gas from one stratum to another and to prevent the intrusion of water into an oil or gas stratum from a separate stratum, and to prevent the pollution of fresh water supplies by oil, gas or salt water and in such manner as to prevent waste, and shall make reports to the Commissioner showing the location of all oil and gas wells drilled by said Principal, and shall file all logs and drilling records kept by said Principal within six (6) months from the time of the completion or abandonment of any well drilled for oil or gas and shall plug each dry or abandoned well in the manner provided by the rules and regulations adopted by said Commissioner, then this obligation to be null and void, otherwise to be and remain in full force and effect.

Witness our hands and seals this 6th day of August, 1952.

M. T. Berry

C. A. Drummond

Principal Attorney in Fact

FIDELITY AND DEPOSIT COMPANY OF MARYLAND

(COPY)

C. A. DRUMMOND

C. A. Drummond, Attorney ^{Surety} in-Fact

Approved this 19 day of August, 1952.

James R. Burger
State Land Commissioner

CANCELLED

DATE 1-12-55

STATE OF ARIZONA

STATE LAND DEPARTMENT

BOND FOR DRILLING OIL OR GAS WELL

State of Arizona)
County of Maricopa)

KNOW ALL MEN BY THESE PRESENTS:

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Witness our hands and seals this 6th day of August, 1952.

M. T. Berry
[Signature]
Principal *Attorney in fact.*

FIDELITY AND DEPOSIT COMPANY OF MARYLAND

C. A. Drummond
Surety
C. A. Drummond, Attorney-in-Fact

Approved this 19 day of August, 1952.

[Signature]
James A. Burger
DEPUTY State Land Commissioner

CANCELLED
1-12-55-13

July 27, 1956

Mr. John A. Frost,
District Engineer
U. S. Department of the Interior
Geological Survey
Box 187
Artesia, New Mexico

Dear Mr. Frost:

In compliance with a request from Phil Johnson, I am enclosing verifax copies of our forms O&G 55 and 56, together with a copy of our letter to Fidelity and Deposit Company of Maryland releasing the bond in the amount of \$10,000.

We have samples and according to our records no casing was pulled, and well was filled with mud and capped. We released the bond on the strength of these reports. We also have a driller's log on this well.

Please call on us if we can be of further assistance.

Very truly yours,

Mrs. Mariel R. Bates,
Secretary to P. W. Johnson

mb
Encl.

Phil:-

Have you had any word on the plugging of this well? Will appreciate a note from you on the subject matter and where cement plugs should be set to protect any water bearing formations.

The next time you go to Phoenix you might call P. H. Lund and advise him what the State of Arizona will require. Maybe between us we can get something done.

JAF

IN REPLY REFER TO:

INTERIOR
DEPT.

ect,

Re: Oil and Gas Lease
Arizona 03450

Gentlemen:

We have been advised that the subject lease was canceled under Public Law 555, 83rd Congress, as of June 2, 1955, and that a request has been made by Fidelity and Deposit Company of Maryland, surety for the bond, for termination of liability under the \$5,000 oil and gas lease bond.

Office records do not show that the oil and gas test well drilled in NE $\frac{1}{4}$ SE $\frac{1}{4}$ section 27, T. 11 S., R. 10 E., G. & S. R. E. & M., Pima County, Arizona, to a reported depth of 3212 feet was ever plugged and abandoned, and before this office can recommend termination of liability under the bond it will be necessary to plug and abandon the well in a satisfactory manner to protect all known water bearing formations.

To expedite matters it is requested that you furnish this office with a Notice of Intention to Plug and Abandon the well for approval and advise when you expect to commence the plugging operations so that arrangements may be made to witness the plugging operations either by a representative of this office or that of the State of Arizona. Your cooperation is requested at this time, otherwise it will be necessary to refer the matter to our Washington office and to the bonding company for further attention under the Code of Federal Regulations.

Very truly yours,

(Orig. Sig.) JOHN A. FROST
John A. Frost,
District Engineer.

cc
Land Office, Phoenix,
Arizona State Geologist,
Melvin T. Barry,
U.S.G.S. Roswell,
Files.



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Box 187,
Artesia, New Mexico,
June 27, 1956.

IN REPLY REFER TO:

Melvin T. Barry Mineral Development Project,
3411 North 14th Place,
Phoenix, Arizona.

Re: Oil and Gas Lease
Arizona 03450

Gentlemen:

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Very truly yours,

(Orig. Sig.) JOHN A. FROST
John A. Frost,
District Engineer.

cc
Land Office, Phoenix,
Arizona State Geologist,
Melvin T. Barry,
U.S.G.S. Roswell,
Files.

January 12, 1955

Fidelity and Deposit
Company of Maryland
40 Broad Street
Boston 9, Massachusetts

Attention: Miss Edith Almgren RS: 51 35 745 - Melvin T. Berry

Dear Miss Almgren:

The bond in the amount of \$10,000.00 was issued on August 6, 1952 to cover the well for drilling of oil and gas in the State of Arizona by Melvin T. Berry as principal, and the Fidelity and Deposit Company of Maryland as surety, which bond was conditioned upon the drilling, casing and plugging of all oil and gas wells drilled to prevent the escape of oil or gas from one stratum to another, to prevent intrusion of water into an oil or gas stratum from a separate stratum, to prevent the pollution of fresh water supplies by oil, gas or salt water and to prevent waste.

In addition said bond was conditioned upon the submission of all reports required by the Oil and Gas Conservation Act of 1951 of the State of Arizona, and the Rules and Regulations of the State Land Department, such logs, drilling records, and the receipt of samples as are required by said Rules and Regulations of the Oil and Gas Conservation Law of Arizona.

The records of the Department indicate that with respect to the well drilled by Melvin T. Berry, located in Section 27, Township 11S., Range 10E., Pima County, that all requirements as contained in said Oil and Gas Conservation Law of Arizona and the Rules and Regulations of the State Land Department, have been met and fully complied with by the said Melvin T. Berry and therefore, the bond heretofore described may be terminated as of January 12, 1955.

Very truly yours,

Roger Ernst,
State Land Commissioner

RE:mb
cc - Melvin T. Berry
P. H. Lund

C
O
P
Y

January 12, 1955

Mr. P. H. Lund
311 N. 14th Place
Phoenix, Arizona

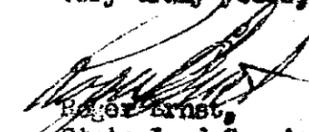
Dear Mr. Lund:

We are enclosing herewith completed copies for your file of our forms O&G 55 and 56 covering the Melvin T. Berry well, in Section 27, Township 11S., Range 10E., Pima County, together with a copy of our letter to the Fidelity and Deposit Company of Maryland, Boston, Massachusetts releasing the bond in the amount of \$10,000.00 in conjunction with the drilling of this well.

In compliance with your request we are also sending copies of this correspondence to Mr. Berry, 1 Washington Avenue, Providence, Rhode Island.

If in the future, drilling operations are again resumed, please be assured that this Department will be happy to assist you in whatever way possible.

Very truly yours,


Roger Ernst,
State Land Commissioner

RE:mb
Enclosures (3)

C
O
P
Y

Fidelity and Deposit Company

HOME OFFICE OF MARYLAND BALTIMORE 3

FIDELITY AND SURETY
BONDS



BURGLARY AND GLASS
INSURANCE

CHARLES E. MEGARGEL
RESIDENT VICE-PRESIDENT
CHARLES W. WIRTH
MANAGER
THOMAS F. MESKILL
ASSISTANT MANAGER

40 BROAD STREET
BOSTON 9

TELEPHONE
HUBBARD 2-9840

January 11, 1955

Phillip W. Johnson, Geologist
State Land Department
Phoenix, Arizona

Dear Mr. Johnson:

Re: 51 35 743 - Melvin T. Berry - Bond for drilling oil or gas well

Your records will indicate that we are Surety on a \$10,000 bond in connection with the above. Will you kindly advise if the situation has changed since your letter dated March 3, 1954. Our principal has notified us that their oil well in Phoenix, Arizona has been capped, and are asking that we cancel the bond. We would appreciate knowing if our liability has terminated.

Thank you for your cooperation in this matter.

Very truly yours,

Edith Almgren
Edith Almgren





ROGER ERNST
STATE LAND COMMISSIONER

OFFICE OF
State Land Department
STATE OF ARIZONA
Phoenix, Arizona
December 6, 1954

11/10/54

Mr. Phillip W. Johnson
P. O. Box 2270
Tucson, Arizona

*OK
JWJ
We have samples
396' - 3190'
You might call
Lund and ask
him about
0-396 and
but I don't
think we should
press it.*

Dear Phil:

Enclosed are the duplicate copies of our forms 55 and 56 which have been submitted to this office in behalf of the M. T. Berry well by Mr. P. H. Lund. Would you please check them over and return them to me for processing as soon as possible.

As you may recall, the log is on file in our office, but I was wondering if you ever received any samples on this well.

So I heard ->

I understand Mr. George Creager is going to take out a permit to drill, (according to the 'counter') presumably near the Kipling well.

Best regards.

Very truly yours,

Muriel
Muriel R. Bates

REC-11
WATER RESOURCES DIVISION
U. S. GEOLOGICAL SURVEY
GROUND WATER BRANCH

*P.H. Lund
am: 6-8271
12/10/54
Mr. Lund
to bring
samples*

11612
RECEIVED
DEC 8 1954
STATE LAND
DEPT.

mb
Encl. (2)

May 7, 1954

Mr. John Borden
Spring Lake, Michigan

Dear Mr. Bourdon:

We are in receipt of your letter dated May 5th, regarding the present status of the M. T. Berry well located in Section 27, Township 11S., Range 10E., Pima County.

According to our last report, this well was shut down in October of 1952 to a depth of 3212'. The rig was removed and hole capped. We also understand that the well was taken over by Mr. P. H. Lund. However, this office has not had any information concerning this well as to whether or not Mr. Lund contemplates any drilling in the near future. We suggest that once again you contact Mr. Lund as to what his plans will be.

Very truly yours,

Phillip W. Johnson,
Geologist

By: _____
Secretary

mb



OFFICE OF
State Land Department
STATE OF ARIZONA
Phoenix, Arizona

ROGER ERNST
STATE LAND COMMISSIONER

MEMO TO: Oil and Gas Conservation
FROM : Louis C. Duncan, Office Manager
DATE : March 30, 1954
SUBJECT: P. H. Lund
3411 North 14th Place
Phoenix, Arizona

Mr. Lund is going to be bonded for the M. T. Berry Drilling Operation. He will also assume the responsibility of the former drilling operation.

March 3, 1954

Miss Edith Almgren
Fidelity and Deposit Company
of Maryland
40 Broad Street
Boston 9, Massachusetts

Dear Miss Almgren:

In reply to your letter of February 19, 1954, in which you requested information concerning the termination of the bond executed by your company in the name of Melvin T. Barry, I am sorry to inform you that this office has not received from Mr. Land a new bond covering this well, nor have we received a letter in which he resumes the responsibility for the well. Until such time as both the letter and bond are filed with the State Land Department it will be impossible for us to cancel the M. T. Barry bond.

Very truly yours,

Phillip W. Johnson
Geologist

PHJ/vs





OFFICE OF
State Land Department
STATE OF ARIZONA
Phoenix, Arizona

ROGER ERNST
STATE LAND COMMISSIONER

January 20, 1954

Fidelity and Deposit Company of Maryland
40 Broad Street
Boston 9, Massachusetts

Attention: Edith Almgren

Re: 51 35 743 - Melvin T. Berry bond.

Dear Miss Almgren:

We are in receipt of your letter dated January 13th, in which you have requested information pertaining to the termination of the bond executed by your company in the name of Melvin T. Berry.

This Department wishes to advise you that since this permit has now been assigned to Colonel P. H. Lund of Phoenix, Arizona, the bond can not be released until we are in receipt of a letter of responsibility signed by the assignee, stating that he will assume all obligations as required by the Oil and Gas Conservation Act.

Based on the interpretation of the Laws, Rules and Regulations governing the conservation of oil and gas in the State of Arizona, we will expect that Mr. Lund file a \$2,500 bond for each individual well or in the principal sum of \$10,000.00 as a blanket bond to cover all wells, payable to the State of Arizona. Any future drilling operations by him before a bond is filed will be considered a violation and appropriate action will be initiated by the State Land Commissioner to correct such violation.

State regulations also specify that a complete set of cuttings and cores, well logs, electric or otherwise, are to be turned over to the State Land Department. Our records indicate that the M. T. Berry well was drilled to a depth of 3212' before being shut down. This office must be informed of the log of this well to the depth drilled by the Berry interests.

In order to expedite matters relating to the release of the bond in question, we are sending Mr. Lund a copy of this letter. If there are any further questions pertaining to this matter, please feel free to call on me.

Sincerely yours,

Roger Ernst,
State Land Commissioner

RE:mb

cc - P. H. Lund

C
O
P
Y

December 1, 1953

Mr. Lawrence W. Moore, Vice-President
Fidelity and Deposit Company of Maryland
40 Board Street
Boston, Massachusetts

Dear Mr. Moore:

We are returning herewith the form sent us which we have filled in to the best of our ability. If you are desirous of any further information, we will be glad to submit it to you.

Very truly yours,

Phillip W. Johnson,
Geologist

PWJ:mb
Encl. (1)

Form returned was in regard to the M. T. Berry well.
Information sent: present depth 3212'.
no activity since October 1952 - rig removed.
unpaid bills - unknown.
maintenance provision - unknown.

This well can not be considered completed or abandoned until proper steps have been taken to comply with State regulations.

s/ P. W. Johnson

August 19, 1952

Mr. Phil Johnson
U. S. Geological Survey
Box 2270
Tucson, Arizona

Dear Phil:

We have an application for intention to drill a well by The Texas Company in Section 34, T. 12N. R. 13W, but by reason of the fact that this is unsurveyed land, this description has been protected. The actual location is 330 ft. south of the Utah-Arizona State line, and the proposed drilling depth is 6000 ft. The Texas Company proposes to start with a 13-3/8" casing cemented to 450 ft. and to continue with their drilling string.

Do you consider their surface casing program adequate or can you suggest any alternate plan, if not adequate.

With respect to your letter concerning the Barry operations, the only information we have is that Colonel Lund is the representative for Mr. Barry, whose address is Rhode Island, so I guess it will be necessary for you to contact them at the well location to really get any information.

Yours very truly

James R. Burger
Deputy State Land Commissioner

JRB/as

August 18, 1952

Mr. James R. Burger
Deputy State Land Commissioner
407 Capitol Annex
Phoenix, Arizona

Dear Pete:

Concerning your inquiry of the proposed drilling program of the Elmer R. Allen et. al, and the M. T. Barry Mineral Development wells, it would seem that the program which they both have submitted would be adequate. In the case of the Allen well it is estimated that the water level at their given location is approximately 70 to 75 feet in which case the proposed surface pipe of 225 to 350 feet would be adequate. Likewise in the case of the M. T. Barry location, the water level is approximately 170 feet and here again their program of surface pipe to a depth of 400 feet would be sufficient.

I was aware of the Allen location and of his tie with Robinson but the M. T. Barry Company is entirely new to me. Do you have any further information concerning him or who he is associated with? If so, I would appreciate having it.

Best regards,

signed Phil
Phillip W. Johnson
State Geologist

FWJ/pj

(Received State Land Department
8/19/52)

August 15, 1952

Mr. Phil Johnson
Box 2270
Tucson, Arizona

Dear Phil:

Since writing you about the oil and gas well in Pima County we received an application from Elmer A. Allen, et. al. to drill another well in Section 25, T. 21S. R. 25E. The legal description where the well is to be drilled is the SE 1/4. They propose to drill 5600 feet and their casing program calls for 12-3/4" I.D. surface pipe estimated from 225 ft. to 350 ft., and a second string of 9-5/8" or 11-3/4" 2600 ft. for the continuation of 7" to the proposed drilling depth. Please advise if the surface casing program is adequate to protect the water strata.

For your further information, Mr. Allen's address is given as 1564 E. Copper St., Tucson. Actually the well is to be drilled by Mr. Robinson of the Robinson-Pason Drilling Company.

Yours very truly

James R. Burger
Deputy State Land Commissioner

JRB/AR

August 15, 1952

Mr. Phil. Johnson
U. S. Geological Survey
Box 2270
Tucson, Arizona

Dear Mr. Johnson:

We are in receipt of a notice of intention to drill a well which will be known as Well #1 of the M. T. Barry Mineral Development project. The well is to be located in the NE $\frac{1}{4}$ SE $\frac{1}{4}$, Section 27, T. 11S., R. 10E. The applicant, M. T. Barry, proposes to drill to approximately 3200 feet and the proposed casing program calls for 12-3/4" O.D. casing tapering to 6-5/8" to be cemented to a depth of 400 ft. Would you please investigate and report whether this proposed casing program is adequate, or whether some alternate plan could be suggested to the applicant. We would appreciate as speedy an answer as possible.

Yours very truly

James R. Burger
Deputy State Land Commissioner

JRB/as

STATE LAND DEPARTMENT

PHOENIX, ARIZONA
 AUGUST 17 1994 * 011711 40000
 STATEMENT

You are hereby advised that RENTAL will be due and payable at this office on your Lease as shown by this statement. IF RENTAL IS NOT RECEIVED ON OR BEFORE THE DUE DATE, PENALTY AND INTEREST WILL BE ADDED.

P H LUND ENG CO
 3411 N 14TH PLACE
 PHOENIX ARIZONA

LEASE NO. .11

MO.	DAY	YR.
	8	21.52
DATE		DATE RENT DUE

SHEET _____ OF _____ SHEETS

DESCRIPTION	SEC.	TWP.	RANGE	C. C.	RATE	ACREAGE	AMOUNT
E - LING PERMIT	2711	S10	E				25.00
							25.00
TOTAL DUE							25.00