

4  
M-10

BIERY-STATE #1, Maricopa Co. 7-8  
SE/SW Sec 2, T4N, R4E

7-8

County Maricopa  
Area \_\_\_\_\_  
Lease No. State OP45913-N

Well Name Diery State #1

Location SE SW Sec 8 Twp 4N Range 4E Footage 1657 FWL 549 FSL \_\_\_\_\_  
Elev 1720 Gr \_\_\_\_\_ Spud \_\_\_\_\_ Complete \_\_\_\_\_ Total \_\_\_\_\_  
Date Mar. 51 Abandon 4-13-51 Depth 5396 (-3676)  
Contractor: Permian Drilling Company Approx. Cost \$ \_\_\_\_\_

Drilled by Rotary   
Cable Tool \_\_\_\_\_

Casing Size	Depth	Cement	Production Horizon
<u>13 3/8</u>	<u>513</u>	_____	_____
_____	_____	_____	Initial Production <u>D &amp; A</u>
_____	_____	_____	_____

REMARKS: Struck solid granite @ 5396'. ? Prob. not - EAK

Elec. Logs Am Strat. Baroid log Sample Log D-3301  
Applic to Plub \_\_\_\_\_ Plugging Record \_\_\_\_\_ Completion Report \_\_\_\_\_  
Sample Descript \_\_\_\_\_ Sample Set 7-130, P-1788  
Cores \_\_\_\_\_

Water well - accepted by \_\_\_\_\_

Bond Co. & No. \_\_\_\_\_

Bond Am't \$ \_\_\_\_\_ Cancelled \_\_\_\_\_ Date \_\_\_\_\_ Organization Report \_\_\_\_\_

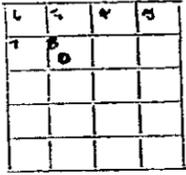
Filing Receipt \_\_\_\_\_ dated \_\_\_\_\_ Well Book \_\_\_\_\_ Plat Book \_\_\_\_\_

Loc. Plat X Dedication \_\_\_\_\_

API# 02-013-05031

PERMIT NO. None Date Issued \_\_\_\_\_

7-8



Locate well correctly

ARIZONA  
STATE LAND DEPARTMENT

Lease or Permit No. ....

Log of Oil or Gas Well

Company Paul H. Biery Address Nasson Heights, Oil City, Pa  
 Lessor or Tract State Land SE 1/4 Sec 8 T4N R4E Field Paradise Valley  
 Well No. 1 Section 8 Township 4 N R4 E Range T4E  
 Meridian \_\_\_\_\_ County Maricopa (N) (E)  
 Location 1720 feet (S) of \_\_\_\_\_ Line and \_\_\_\_\_ feet (W) of \_\_\_\_\_ Line of \_\_\_\_\_  
 Elevation 1720 (Derrick floor 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 Arthur Johnson  
 Date July 2 1951 Title Geologist & Eng'r

The summary on this page is for the condition of the well at above date.  
 Commenced drilling March 1951 Finished drilling April 13 1951

OIL OR GAS SANDS OR ZONES  
(Denote Gas By G)

No. 1, from 3107 to 3120 No. 4, from 4179 G to 4334 G  
 No. 2, from 3772 G to 3976 G No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 3, from 4026 G to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

IMPORTANT WATER SANDS

No. 1, from A40 to ? No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ 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>13 3/8</u>				<u>513</u>			<u>0</u>	<u>0</u>	<u>shut off water</u>

MUDDING AND CEMENTING RECORD

Size Casing	Where Set	Number of Sacks of Cement	Method Used	Mud Gravity	Amount of Mud Used
	<u>None</u>				

PLUGS AND ADAPTERS

Heaving plug—Material Capped Length \_\_\_\_\_ Depth set \_\_\_\_\_  
 Ada \_\_\_\_\_

LOCATION: North 61° 7' West 1129.3 ft. from the South quarter corner Section 8, from the Southwest corner of Section 8 North 71° 40' East 1746.2 feet, in North half of the Southwest quarter of the Southeast quarter of the Southwest quarter (SW 1/4 SE 1/4 SW 1/4) Section 8, Township 4 North, Range 4 East.

97 45 9/30

**SHOOTING RECORD**

Size	Shell Used	Explosive Used	Quantity	Date	Depth Shot	Depth Cleaned Out
	<i>None</i>					

**TOOLS USED**

Rotary tools were used from 0 feet to 5396 feet, and from      feet to      feet  
 Cable tools were used from      feet to      feet, and from      feet to      feet

**DATES**

Put to producing Not producing  
 The production for the first 24 hours was 0 fluid, of which 0 percent was 0  
0 per cent was emulsion, 0 per cent water, and 0 sediment.  
 Gravity Deg. Be. 0  
 If gas well, cubic feet per 24 hours 0 Gallons gasoline per 1,000 cubic feet of gas 0  
 Rock pressure, pounds per square inch 0

**EMPLOYEES:**

Perman Drilling Co., Driller     , Driller  
Odeon, Texas, Driller Contractors, Driller

**FORMATION RECORD** (*you have complete samples*)

From	To	Total Feet	Formation
0	500	500	unconsolidated gravel
500	830	330	" sand
830	2240	1410	Tertiary (?) conglomerate
2240	2545	305	granite wash
2545	3160	615	bedded sandstone
3160	4590	1430	claystone, shales, sandstone
4590	5150	560	conglomerate
5150	5394	244	quartzite

Approved:     

Date July 2 1951

By Paul H. Berry odcity Pa  
           
           
         

**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 size and location. If the well has been dynamited, give size, date, 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.

*This well was capped as a dry hole April 13 1951  
 then drilled as a wildcat test well.  
 513' of 13 3/8" pipe was set to case of the surface  
 water found at 440'. No pipe was lost in  
 drilled by. The well was drilled without additional  
 casing into the basement rocks at 5396'. It  
 was not shot*

5

FORM O. & G. 1  
18

### ARIZONA STATE LAND DEPARTMENT Sundry Notices and Reports on Wells

Lease or  
Permit No. OP-45913-N

Notice of intention to drill.....

Notice of intention to change plans.....

Notice of date for test of water shut-off.....

Report on result of test of water shut-off.....

Notice of intention to re-drill or repair well.....

Notice of intention to shoot.....

Subsequent record of shooting.....

Record of perforating casing.....

Notice of intention to pull or otherwise alter casing.....

Notice of intention to abandon well.....

Subsequent report of abandonment.....

Supplementary well history.....

XX

(Indicate above by check mark nature of report, notice or other data)

April 16 1951

Following is a (Notice of intention to do work) on land under (permit) described as follows:  
(Report of work done ) (lease )

Well No. Biery State No. 1, Sec. 8 4 North 4 East

Section Township Range

The well is located North 61 degrees, 7 minutes West  
1129.3 feet from the South quarter corner of Section 8,  
from the Southwest corner of Section 8 North 71 degrees,  
40 minutes 1746.2 feet, in the North half of the South-  
west quarter of the Southeast quarter of the Southwest  
quarter (SW $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ ) Section 8, Township 4 North, Range 4  
East.

(State names of an expert or experts to be employed to indicate mudding jobs, cementing points, and all other proposed work.)

Reason for abandonment: struck basal solid granite at 5,396 feet.

well cemented off and plugged at 500 feet; attempt will be made to remove  
part of casing; static water level 440 feet; top of well will be capped  
after removal of casing.

Approved: \_\_\_\_\_ Date \_\_\_\_\_ Company \_\_\_\_\_  
By: Paul H. Biery Title \_\_\_\_\_  
owner

Address: Arizona State Land Department Address: 200 Bank of Douglas Bldg.,  
Phoenix, Arizona

NOTE:—Reports on this form to be submitted in triplicate to the Commissioner for approval.

OP 45 913 10

PAUL H. BIERY - STATE #1  
S7 $\frac{1}{4}$  Section 8, Township 4 North, Range 4 East  
Maricopa County, Arizona  
Drilled 3-51 to 4-51  
Elevation 1720 D.F.: T.D. 5396

- 0-510 Arkose, 0.5mm - 8mm (avg 3-4mm), buff, angular to subround, quartz clear to amber; feldspar clear, milky white, very fresh; loose, no visible cement; scattered fragments purple-gray, green and yellow-green metamorphics; biotite; pyrite; streaks dirty gray-white caliche. Stringers SS, 0.2mm - 0.5mm (avg 0.3mm); gray, calcareous, epidote grains, tight, hard at 420-430 feet.
- 510-670 SS, 0.1mm - 2mm (avg 0.8mm); fragments of quartz, amber chert, metamorphic rocks (green, purple and gray), gneiss, and dark volcanics; with stringers dirty gray-white caliche; loose; grains subround; fragments (about 1mm diameter) of finer SS (avg 0.2mm grains) gray, calcareous, tight, at 640-650.
- 670-870 SS, 0.1mm - 0.6mm (0.3mm avg), buff, calcareous, tight, micaceous, abundant black ferromagnesian grains, friable, with scattered fragments metamorphic material; partly conglomeratic in lower part; (POROSITY POOR).
- 870-1820 Arkose, 0.5mm - 4mm (avg 1mm), conglomeratic, brown and gray; fragments of quartz, metamorphics, feldspars, chert, all subangular to subround. Many fragments dark green metamorphic minerals; garnet, becomes finer, better sorted, 0.5mm - 1.5mm (avg 1mm) from 1490-1820.
- 1820-2250 Arkose SS, as above, with increase in metamorphic fragments to about 30%.
- 2250-2280 Argillaceous SS, pink-buff, calcareous, very poorly sorted, micaceous, dirty, very tight; probably occurs as stringers or lenses in arkosic sandstone described above.
- 2280-2550 Arkose, with metamorphic fragments, as above, partly conglomeratic.
- 2550-2960 Arkose, and argillaceous sandstone, as above, interbedded.  
Argillaceous SS, 0.2mm - 1mm (0.4mm avg).  
Arkose, 0.5mm - 4mm (1mm avg).

Samples from 2960-5396 not available at time of examination, but driller's log is summarized as follows:

- 2960-3160 Arkose, and argillaceous SS, interbedded.  
3160-4590 Interbedded alluvial claystone, siltstone and sandstone.  
4590-5150 Arkosic Conglomerate  
5150-5394 Quartz diorite - T. D.

Note: Amstret reports Syenite pebble in core 5394-96' T.D.



ARIZONA STATE LAND DEPARTMENT

Sundry Notices and Reports on Wells

Lease or Permit No. OP-45913-N

- Notice of intention to drill drilling operations
- Notice of intention to change plans
- Notice of date for test of water shut-off
- Report on result of test of water shut-off
- Notice of intention to re-drill or repair well
- Notice of intention to shoot
- Subsequent record of shooting
- Record of perforating casing
- Notice of intention to pull or otherwise alter casing
- Notice of intention to abandon well
- Subsequent report of abandonment
- Supplementary well history

Drilling by rotary drill commenced March 12, 1951

(Indicate above by check mark nature of report, notice or other data)

March 16 19 51

Following is a (Notice of intention to do work) on land under (permit) described as follows: (Report of work done) (Status)

Well No. BIERY STATE NO. 1. SECTION 8, T4N, R4E

The well is located approx. 500 feet (N) of South Line and (E) (W) of line of

SOUTHWEST QUARTER of Section 8, T4N, R4E

The elevation of the derrick floor above sea level is 1600 feet

DETAILS OF PLAN OF WORK

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

500 feet of 13-3/8 inch pipe cemented in

The well is located: North 61 degrees, 7 minutes West 1129.3 feet from the South quarter corner, Section 8, and from the Southwest corner of Section 8 North 71 degrees, 40 minutes East 1746.2 feet, in the N 1/2 of the SW 1/4 SE 1/4 SW 1/4, Section 8, Township 4 North, Range 4 East.

Arizona State Land Department PHOENIX, ARIZONA

NOTE:—Reports on this form to be submitted in triplicate to the Commissioner for approval.

OP 45 913 N

# ARIZONA STATE LAND DEPARTMENT

## Sundry Notices and Reports on Wells

Lease or  
Permit No. OP-45913-N

- Notice of ~~intention to drill~~ drilling operations
- Notice of intention to change plans
- Notice of date for test of water shut-off
- Report on result of test of water shut-off
- Notice of intention to re-drill or repair well
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- Subsequent record of shooting
- Record of perforating casing
- Notice of intention to pull or otherwise alter casing
- Notice of intention to abandon well
- Subsequent report of abandonment
- Supplementary well history

Drilling by rotary drill commenced March 12, 1951

(Indicate above by check mark nature of report, notice or other data)

Following is a (Notice of intention to do work) on land under (permit) described as follows:  
(~~Report of work done~~) (XXXXX)

Well No. BIERY STATE NO. 1, SECTION 8, T4N, R4E March 16, 19 51

The well is 300 feet deep  
 The casing is 6 inches in diameter  
 (State indicated by check mark)

Approved \_\_\_\_\_

Date \_\_\_\_\_

Company Paul H. Biery

By \_\_\_\_\_

Address 200 Bank of Douglas Bldg.,  
Phoenix, Arizona.

Arizona State Land Department

Address \_\_\_\_\_

NOTE:—Reports on this form to be submitted in triplicate to the Commissioner for approval.

OP 45 91310

PAUL H. BIERY - STATE #1  
SE $\frac{1}{4}$ ; Section 8, Township 4 North, Range 4 East  
Maricopa County, Arizona  
Drilled 3-51 to 4-51  
Elevation 1720 D.F.; T.D. 5396

- 0-510 Arkose, 0.5 mm - 8mm (avge 3-4mm), buff, angular to subround, quartz clear to amber; feldspar clear, milky white, very fresh; loose, no visible cement; scattered, fragments purple-gray, green and yellow-green metamorphics; biolite; pyrite; streaks dirty gray-white caliche. Stringers SS, 0.2mm - 0.5mm (avge 0.3mm); gray, calcareous, epidote grains, tight, hard at 420-430 feet.
- 510-670 SS, 0.1mm - 2mm (avge 0.8mm); fragments of quartz, amber chert, metamorphic rocks (green, purple and gray), gneiss, and dark volcanics; with stringers dirty gray-white caliche; loose; grains subround; fragments (about 1 mm diameter) of finer SS (avge 0.2mm grains) gray, calcareous, tight, at 640-650.
- 670-870 SS 0.1mm - 0.6mm (0.3mm avge), buff, calcareous, tight, micaceous, abundant black ferromagnesian grains, friable, with scattered fragments metamorphic material; partly conglomeratic in lower part; (POROSITY POOR).
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- 1820-2250 Arkose-SS, as above, with increase in metamorphic fragments to about 30%.
- 2250-2280 Argillaceous SS, pink-buff, calcareous, very poorly sorted, micaceous, dirty, very tight; probably occurs as stringers or lenses in arkosic sandstone described above.
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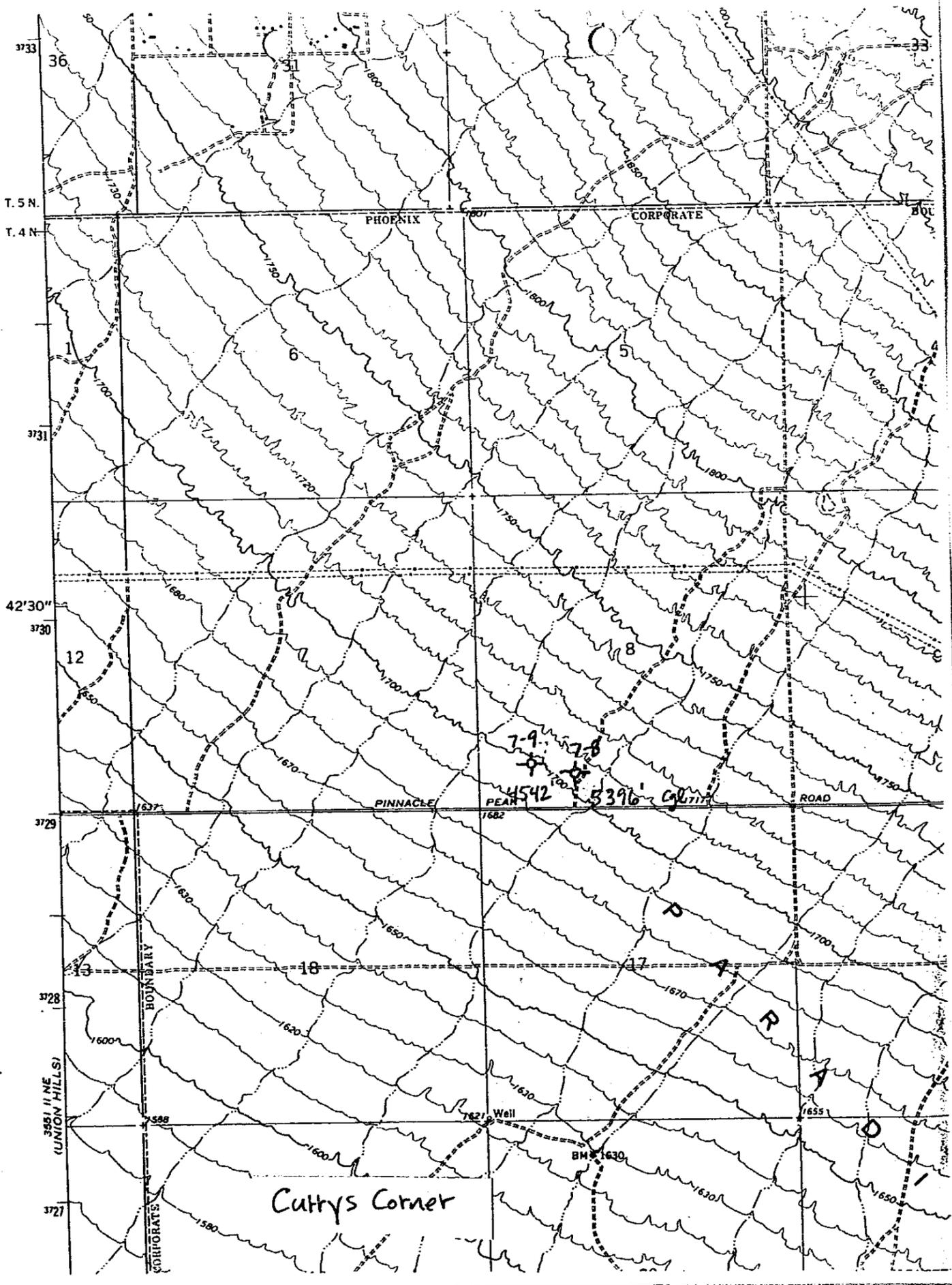
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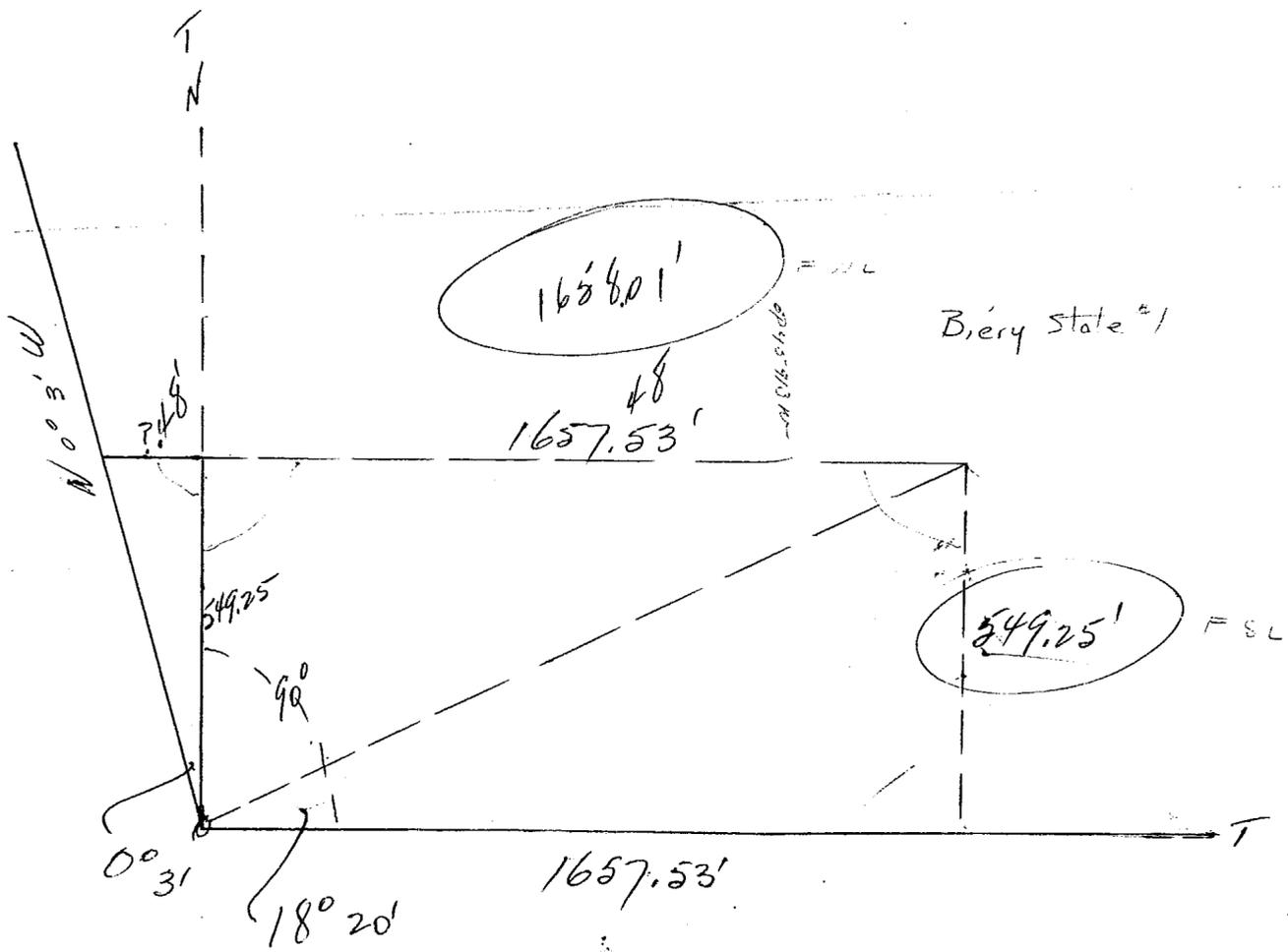
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- 4590-5150 Arkosic Conglomerate
- 5150-5396 Quartz diorite - T. D.

3

BOND NO. \_\_\_\_\_  
AMOUNT \_\_\_\_\_  
CANCELLED \_\_\_\_\_  
ORGANIZATION REPORT \_\_\_\_\_

OP 45913 W





PAUL H. BIERY - STATE #1  
 SE 1/4 Section 8, Township 4 North, Range 4 East  
 Maricopa County, Arizona

MARICOPA CO. 7-8

PAUL H. BIERY - STATE #1  
SE $\frac{1}{4}$ ; Section 8, Township 4 North, Range 4 East  
Maricopa County, Arizona  
Drilled 3-51 to 4-51  
Elevation 1720 D.F.; T.D. 5396

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5150-5394 Quartz diorite - T. D.



Fife Symington  
Governor

State of Arizona  
**Arizona Geological Survey**

416 W. Congress, Suite 100  
Tucson, Arizona 85701  
(520) 770-3500



Larry D. Fellows  
Director and State Geologist

January 22, 1996

Memo: Nick Priznar, ADOT  
From: SP Steve Rauzi, AZGS  
Re: Information on oil test holes in 3 & 4 North, 4 East

The information on the referenced wells that we talked about this morning is enclosed. This includes sample description, drillers log, Baroid mud log, and Amstrat sample log for the Paul Biery 1 State hole in sw sw sw 8, T. 4 N., R. 4 E.; sample description for the Campbell Pierce hole in nw sw 13, T. 4 N., R. 4 E.; and drillers log & Lane Electrolog for the Glenn Oil 1 State hole in ne nw 2, T. 3 N., R. 4 E. Please note the copyright on the Amstrat log.

There isn't much information in the Glenn Oil 2 State file, just monthly reports. The March 1949 report notes fine sand and gravel at 1,600', the April report notes sand and gravel at 2,430', and the remaining reports just note the depth of the hole at the end of the month.

I've also enclosed a copy of Chuck Aston's 1949 general geologic report on this area.

**Mobil Oil Corporation**

THREE GREENWAY PLAZA EAST - SUITE 800  
HOUSTON, TEXAS 77046

May 15, 1973

Mr. H. Wesley Peirce, Geologist  
Arizona Bureau of Mines  
The University of Arizona  
Tucson, Arizona 85721

Biery 1 State  
No. 7-8  
4N-4E-8 (Maricopa County)

Dear Mr. Peirce:

We are returning by Continental Trailways the samples from the Biery #1 State well, Maricopa County. My appreciation for the loan of these samples. In accordance with your policy we have not removed nor destroyed by testing any of the material.

In the course of examination of these samples we uncovered a bit of data which may be of interest. Between 4420 feet to 4580 feet an assemblage of ostracods was observed. Although we were not able to identify any of the species, it was generally agreed that these individuals are probably fresh water or lacustrine forms.

We have received, in good order, the samples from the Glenn #1 State well. We shall complete our examination of this material shortly.

Jim Scurlock mentioned that you might have a salt specimen available for geochemical analysis. In selecting this sample, please bear in mind that your selection should be of expendable material since our processing methods will not result in any recoverable residue.

Very truly yours,

*Gary L. Spraul*  
Gary L. Spraul

GLS:jt

ERH-5-22-73

**Mobil Oil Corporation**

THREE GREENWAY PLAZA EAST - SUITE 800  
HOUSTON, TEXAS 77046

file 7-8

May 15, 1973

Mr. H. Wesley Peirce, Geologist  
Arizona Bureau of Mines  
The University of Arizona  
Tucson, Arizona 85721

Dear Mr. Peirce:

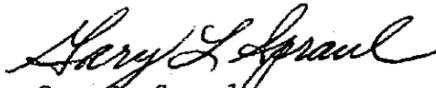
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Very truly yours,

  
Gary L. Spraul

GLS:jt



June 8, 1951

Mr. Elmer C. Coker  
Attorney at Law  
Bank of Douglas Building  
Phoenix, Arizona

Dear Mr. Coker:

Acknowledgement is made herewith of the receipt of the electric log in duplicate of the Biery State Well No. 1 in Section 8, Township 4 North, Range 4 East.

The samples will be collected by this department.

*See letter  
May 9, 1951*

However, we are still not in receipt of (1) the driller's log, or, (2) the history of the well. Two copies of O & G Form No. 2 are enclosed for your convenience in giving us this information.

Very truly yours,

L. A. Heindl  
Geologist

Enclosures:  
2 Forms  
LAH/msl

OP 45 913 10

CLARK AND COKER  
ATTORNEYS AT LAW  
BANK OF DOUGLAS BUILDING  
PHOENIX, ARIZONA

WALLACE W. CLARK  
ELMER C. COKER

TELEPHONE  
4-8441

May 9, 1951

RECEIVED  
MAY 10 1951

STATE LAND DEPT.  
OF ARIZONA

State Land Department  
Capitol Annex  
Phoenix, Arizona

Gentlemen:

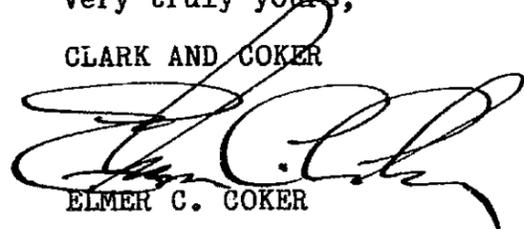
Permit No. OP-45913-N

Reference is made to my letter of April 16, 1951, regarding the abandonment of Biery State Well No. 1 in Section 8, Township 4 North, Range 4 East, Permit No. 45913-N.

There is herewith submitted in duplicate completed logs of said well. Samples of the formation drilled were cut in triplicate to 500 feet, duplicate to 1800 feet, and bag samples of all formations were left by Mr. Biery in care of Mr. Vebber, El Rokay Lodge, 5049 North 7th Street, Phoenix, which are ready to be picked up by your Department.

Very truly yours,

CLARK AND COKER

  
ELMER C. COKER

ECC:DV

*Mr Lane for approval*

CLARK AND COKER  
ATTORNEYS AT LAW  
BANK OF DOUGLAS BUILDING  
PHOENIX, ARIZONA

WALLACE W. CLARK  
ELMER C. COKER

TELEPHONE  
4-8441

April 16, 1951

State Land Department  
Capitol Annex  
Phoenix, Arizona

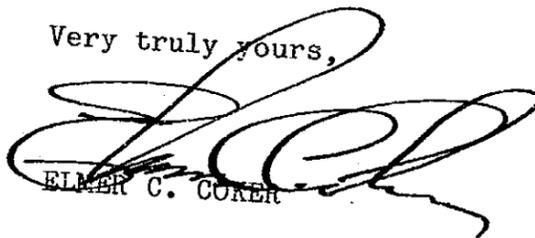
RECEIVED  
APR 17 1951

STATE LAND DEPT.  
OF ARIZONA

Gentlemen:

On behalf of Paul H. Biery, I am here-  
with enclosing notice of abandonment of Biery State  
No. 1 Well located in Section 8, Township 4 North,  
Range 4 East, under permit No. 45913. Logs in dupli-  
cate will be furnished you at an early date, together  
with other reports.

Very truly yours,



ELMER C. COKER

ECC:DV  
enclosure

CP 45 913 10

*Mr. Lane for approval*

CLARK AND COKER  
ATTORNEYS AT LAW  
BANK OF DOUGLAS BUILDING  
PHOENIX, ARIZONA

WALLACE W. CLARK  
ELMER C. COKER

TELEPHONE  
4-8441

April 16, 1951

State Land Department  
Capitol Annex  
Phoenix, Arizona

RECEIVED  
APR 17 1951

STATE LAND DEPT.  
OF ARIZONA

Gentlemen:

On behalf of Paul H. Biery, I am here-  
with enclosing notice of abandonment of Biery State  
No. 1 Well located in Section 8, Township 4 North,  
Range 4 East, under permit No. 45913. Logs in dupli-  
cate will be furnished you at an early date, together  
with other reports.

Very truly yours,

*Elmer C. Coker*  
ELMER C. COKER

ECC:DV  
enclosure

67 45 913 10

CLARK AND COKER  
ATTORNEYS AT LAW  
BANK OF DOUGLAS BUILDING  
PHOENIX, ARIZONA

WALLACE W. CLARK  
ELMER C. COKER

TELEPHONE  
4-8441

April 7, 1951.

Mr. W. W. Lane,  
State Land Commissioner,  
Capitol Annex,  
Phoenix, Arizona.

RECEIVED  
APR 9 1951

STATE LAND DEPT.  
OF ARIZONA

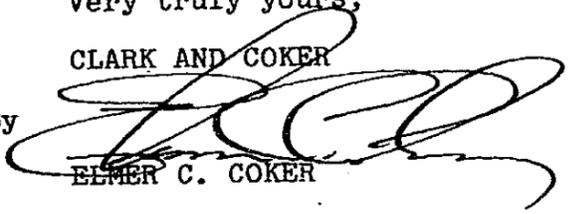
Dear Mr. Lane:

On behalf of Mr. Paul H. Biery, we enclose  
herewith in triplicate Lessee's Monthly Report of Operations  
on Biery Well #1 being drilled under Permit No. 45913-N.

Very truly yours,

CLARK AND COKER

By

  
ELMER C. COKER

ECC - GRH

ENC

CLARK AND COKER  
ATTORNEYS AT LAW  
BANK OF DOUGLAS BUILDING  
PHOENIX, ARIZONA

WALLACE W. CLARK  
ELMER C. COKER

TELEPHONE  
4-0441

April 4, 1951

State Land Department  
Capitol Annex  
Phoenix, Arizona

RECEIVED  
APR 5 1951  
STATE LAND DEPT.  
OF ARIZONA

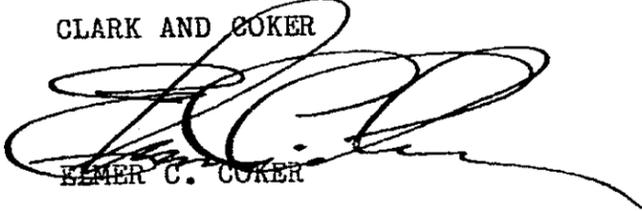
Gentlemen:

Permit No. OP-45913-N

We enclose herewith report on Biery  
State No. 1 well, Section 8, Township 4 North,  
Range 4 East, executed in duplicate by Paul H.  
Biery. Please direct any further notice or cor-  
respondence in this regard to us as attorneys  
for Mr. Biery.

Very truly yours,

CLARK AND COKER

  
ELMER C. COKER

ECC:DV  
enclosures

OP 45 913 N

24 March 1951

Mr. Elmer C. Coker  
Clark and Coker, Attorneys at Law  
Bank of Douglas Building  
Phoenix, Arizona

Dear Mr. Coker:

The enclosed Notice of Drilling Operations in triplicate regarding activities of the Biery-State #1, Sec. 8, T 4 N, R 4 E, is returned to your office for completion of location information.

Very truly yours,

L. A. Heindl,  
Geologist

OP 45 9/3 10

CLARK AND COKER  
ATTORNEYS AT LAW  
BANK OF DOUGLAS BUILDING  
PHOENIX, ARIZONA

WALLACE W. CLARK  
ELMER C. COKER

TELEPHONE  
4-8441

March 17, 1951.

Mr. W. W. Lane,  
State Land Commissioner,  
Capitol Annex,  
Phoenix, Arizona.

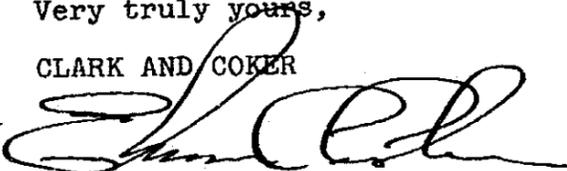
Dear Mr. Lane:

On behalf of Mr. Paul H. Biery, we enclose  
herewith in triplicate Notice of Drilling Operations on  
Biery State No. 1 Well, located in Section 8, Township 4  
North, Range 4 East.

Very truly yours,

CLARK AND COKER

By

  
ELMER C. COKER

ECC - GRH  
ENC

March 13, 1951

Mr. Paul H. Biery  
c/o Clark and Coker, Attorneys  
Bank of Douglas Building  
Phoenix, Arizona

Dear Mr. Biery:

Enclosed please find three copies of Oil and Gas Form #1 which are required prior to commencement of drilling. This form should be filled out in detail in triplicate and two copies will be returned for your files.

We are also enclosing a number of copies of Oil and Gas Form #3, Lessee's Monthly Report of Operations. This form must be submitted in duplicate by the 6th day of each month covering the preceding month's operations.

Two copies of Oil and Gas Form #2 are submitted and should be filled out by your office covering the history and log of Glenn Oil-State #2.

Your cooperation in submitting these forms promptly would be appreciated.

Very truly yours,

L. A. Heindl  
Geologist

LAH:kb  
encls.

OP 45-913 10