

P-W

Tucson Oil&Gas Co. #1X Woodman Federal  
SE/4-SW/4 Sec 30-18N-20E  
Maricopa County

County Navajo

Area Joseph City

Lease No. AR-013902

Well Name Tucson Oil & Gas Company <sup>IX</sup> Woodman Federal

Location SW SE Sec 30 Twp 18N Range 20E Footage 672 FSL 1980 FBL  
Elev \_\_\_\_\_ Gr 5103 KB Date 4-28-59 Abandon 10-4-60 Depth 1783 PB 1738

Contractor: \_\_\_\_\_ Drilled by Rotary X  
Approx. Cost \$ \_\_\_\_\_ Cable Tool \_\_\_\_\_

Casing Size	Depth	Cement
<u>8 5/8</u>	<u>303</u>	<u>150</u>
<u>4 1/2</u>	<u>1740</u>	<u>250</u>
<u>12</u>	<u>100</u>	

Production Horizon \_\_\_\_\_  
Initial Production D & A

REMARKS: ~~Coroano 840'~~  
~~Et. Apache 1550'~~

Elec. _____	Sample Log _____
Logs <u>Laterolog; Sonic log</u>	Sample Descript _____
Applic _____	Sample Set _____
to Plub <u>X</u> Record <u>X</u> Completion _____	Cores _____
Report <u>X</u>	

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

Bond Co. & No. Hartford Insurance Group Date 3118-436

Bond Am't \$ 2,500 Cancelled 5-20-65 Organization Report X

Filing Receipt 64690 dated 7-3-59 Well Book X Plat Book X

Loc. Plat X Dedication SW SE 1/4 30-18N-20E

PERMIT NO. 89

Date Issued 6-29-59

**Maricopa County, Arizona**

89

Operator: **TUCSON OIL & GAS CO.**

Well: **Woodman-Federal**

No. **1-X**

Loc: **Sec. 30 Twp. 18N Rge. 20E**

Coord. **672FSL 1980FEL Area MC**

Formation To

Csg. Size	Depth	Cement
8 5/8	303	150
4 1/2	1740	250

On File	
S.L.	
E.L.	
W.L.	

Spud 4-28-59

Comp/Abd 10-4-60

T.D. 1783 PBI 738

Elev. G 5103' DRB

4000' Miss. Test

Por. Hor. ●

I. P. **TEMP. ABAND.**

Por. Hor. ★

Geological Tops	Scout	Samp.	E. Log	S-See
<del>Cocconino</del>			840	
<del>Ft. Apache</del>			1556	

all sho 0 & G @ 85'. gd sho gas @ 240'. non-flamm, blew mud out @ 443'. no odor. Lost circ @ 443'.

Tired 2 DST (failed) GCM 1050'-1733'.

odor w/RB show in bubbles.

PERF: 74/1560-1640' (Ft. Apache). (only perf 37' of 80' interval).

Acid perf 100 MCA. (No A section-no gd sand below Ft. Apache).

sh Helium 464-74-576-96. Well bleeding non-flamm. gas.

Analysis: Methane 2.0. Ethane .2. Nitro 78.9.

Oxygen .1. (w/trace Argon). Helium .9.

Hydrogen .4. CO2 16.5. Btu 36. From perfs

1560-1640.

Great Printing 5M 5/60-1233 For D.S.T., Prod. Test, & cored interval-See Back

Core Analysis, DST charts, etc.

## WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

DESIGNATE TYPE OF COMPLETION:

New Well  Work-Over  Deepen  Plug Back  Same Reservoir  Different Reservoir  Oil  Gas  Dry

### DESCRIPTION OF WELL AND LEASE

Operator Tucson Oil & Gas Production Co.		Address 3488 Via Golondrina, Tucson, Ariz.	
Federal, State or Indian Lease Number or name of lessor if fee lease Fed 01 3902		Well Number 1X	Field & Reservoir
Location 672' FSL 1980' FEL		County Navajo	
Sec. TWP-Range or Block & Survey SW/4SE/4 S30-T18N-R20E			
Date spudded 6-28-59	Date total depth reached 8-2-60	Date completed, ready to produce	Elevation (DF, REB, RT or Gr.) feet 5105
Total depth 1785	P.B.T.D.	Single, dual or triple completion?	If this is a dual or triple completion, furnish separate report for each completion.
Producing interval (s) for this completion		Rotary tools used (interval) All	Cable tools used (interval) 0
Was this well directionally drilled? NO	Was directional survey made?	Was copy of directional survey filed? NO	Date filed
Type of electrical or other logs run (check logs filed with the commission) Sonic - laterolog			Date filed

### CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)						
Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled
		12"		100'		
		8-5/8"		440'		
		4 1/2"		1764'		

### TUBING RECORD

### LINER RECORD

Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement	Screen (ft.)
in.	ft.	ft.	in.	ft.	ft.		

### PERFORATION RECORD

### ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Number per ft.	Size & type	Depth Interval	Amt. & kind of material used	Depth Interval

### INITIAL PRODUCTION

Date of first production		Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:)				
Date of test	Hrs. tested	Choke size	Oil prod. during test bbls.	Gas prod. during test MCF	Water prod. during test bbls.	Oil gravity * API (Corr)
Tubing pressure	Casing pressure	Cal'ed rate of Pro- duction per 24 hrs.	Oil bbls.	Gas MCF	Water bbls.	Gas-oil ratio

Disposition of gas (state whether vented, used for fuel or sold):

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the.....Agent.....of the Tucson Oil & Gas Production Co. (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

March 18, 1965  
Date

*Joe B. Barrett*  
Signature Joe B. Barrett

Permit No. 89

STATE OF ARIZONA  
OIL & GAS CONSERVATION COMMISSION  
Well Completion or Recompletion Report and Well Log  
Form No. 4 File One Copy

**PLUGGING RECORD**

Operator <b>Tucson Oil &amp; Gas Prod. Co.</b>		Address <b>3488 Via Golondrina Tucson, Ariz.</b>			
Federal, State, or Indian Lease Number, or lessor's name if fee lease.		Well No. <b>1 X</b>	Field & Reservoir <b>Wildcat</b>		
Location of Well <b>SW/4SE/4 Sec. 30 T18N-R20E</b>		Sec-Twp-Rge or Block & Survey	County <b>Navajo</b>		
Application to drill this well was filed in name of <b>Tucson O. &amp; G. Prod. Co.</b>	Has this well ever produced oil or gas <b>no</b>	Character of well at completion (initial production): Oil (bbbls/day)      Gas (MCF/day)      Dry? <b>dry</b>			
Date plugged: <b>March 12, 1965</b>	Total depth <b>1785</b>	Amount well producing when plugged: Oil (bbbls/day)      Gas (MCF/day)      Water (bbbls/day) -----			
Name of each formation containing oil or gas. Indicate which formation open to well-bore at time of plugging	Fluid content of each formation	Depth interval of each formation	Size, kind & depth of plugs used. Indicate zones squeeze cemented, giving amount cement		
<b>Ft. Apache open to well-bore</b>	<b>none</b>	<b>1764-1785</b>	<b>Cmt. plug 1665-1785 W/ 10 sacks.</b>		
			<b>Cmt. plug 35-surface W/3 sacks.</b>		
<b>CASING RECORD</b>					
Size pipe	Put in well (ft.)	Pulled out (ft.)	Left in well (ft.)	Give depth and method of parting casing (shot, tipped, etc.)	Packers and shoes
<b>12"</b>	<b>100'</b>	<b>none</b>	<b>100'</b>	<b>*****</b>	
<b>8 5/8"</b>	<b>440'</b>	<b>none</b>	<b>440'</b>	<b>*****</b>	
<b>4 1/2"</b>	<b>1764'</b>	<b>none</b>	<b>1764'</b>	<b>-----</b>	
Was well filled with mud-laden fluid, according to regulations?				Indicate deepest formation containing fresh water.	
<b>NAMES AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE</b>					
Name	Address		Direction from this well:		
<b>Ben Hunt</b>	<b>Joseph City, Arizona</b>		<b>owns surface on all sides.</b>		
In addition to other information required on this form, if this well was plugged back for use as a fresh water well, give all pertinent details of plugging operations to base of fresh water sand, perforated interval to fresh water sand, name and address of surface owner, and attach letter from surface owner authorizing completion of this well as a water well and agreeing to assume full liability for any subsequent plugging which might be required.					
Use reverse side for additional detail.					
CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the <u>representative</u> of the <u>Tucson Oil &amp; Gas Prod. Co.</u> (company) and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.					
Date <b>March 13, 1965</b>		Signature <i>Joe B Barrett</i>			
Permit No. <b>89</b>			STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Plugging Record File One Copy Form No. 10		

APPLICATION TO ABANDON AND PLUG

FIELD Wildcat  
OPERATOR Tucson Oil and Gas Prod. Co. ADDRESS 3488 Via Golondrina, Tucson, Ariz.  
Federal, State, or Indian Lease Number \_\_\_\_\_ WELL NO. 1X  
or Lessor's Name if Fee Lease \_\_\_\_\_  
SURVEY T18N-R2OE SECTION 30 COUNTY Navajo  
LOCATION SW/4SE/4

TYPE OF WELL dry hole TOTAL DEPTH 1785  
(Oil, Gas or Dry Hole)  
ALLOWABLE (If Assigned) dry hole  
LAST PRODUCTION TEST OIL --- (Bbls.) WATER --- (Bbls.)  
GAS --- (MCF) DATE OF TEST ---  
PRODUCING HORIZON none PRODUCING FROM --- TO ---

1. COMPLETE CASING RECORD 12"-100'  
8 5/8" - 440'  
4 1/2" - 1764

2. FULL DETAILS OF PROPOSED PLAN OF WORK Set cement plug from 1785-1665 with  
10 sacks of cement, then set 35 foot plug in top of pipe with 3 sacks  
of cement. A dry hole marker will be cemented in the top of the pipe.  
The dry hole marker will meet the state specifications.

If well is to be abandoned, does proposed work conform with requirements of Rule 202? yes If not, outline proposed procedure above.

DATE COMMENCING OPERATIONS as soon as approved

NAME OF PERSON DOING WORK Joe B. Barrett ADDRESS 2211 N. 81 Way, Scottsdale

CORRESPONDENCE SHOULD BE SENT TO Joe B. Barrett Joe B. Barrett  
Name  
Title geologist

*Verbal approval*  
*3-12-65*

3800 N. Central, Suite 401, Phoenix, Ariz.  
Address

February 25, 1965  
Date

Date Approved 3-17-65  
STATE OF ARIZONA  
OIL & GAS CONSERVATION COMMISSION  
By: John Bannister

STATE OF ARIZONA  
OIL & GAS CONSERVATION COMMISSION  
Application to Abandon and Plug  
File Two Copies  
Form No. 9

Permit No. 89

HA-1 Revised 6-26-58

REPORT OF ANALYSIS

State Arizona F.S. No. 9078  
 County Navajo Field Penzance  
 Well Owner Tucson Oil & Gas Production Co. Name #1X Woodman Federal  
Ben Hunt (Surface owner) Pass Water Well  
 Location: 660 f S & 1980f West lines Date Completed 1960  
Sec. 30 T. 18N R. 20E  
 Open Flow MCF/D Strong blow Wellhead Pressure p.s.i.g. About 25# p.s.i.

Producing Stratum:  
 Depth to (feet): 576 - 600 Thickness (feet): 24  
1,556 - 1,630 74  
 Stratigraphic Position of Producing Formation Coconino - Permian Age  
Supai - Permian Age

Sampled: Date: Sept. 7, 1963 By: John K. Petty  
 Mass Spectrometer Run No. 11473 Date of Run September 12, 1963

Analysis:

Methane	<u>3.8</u> %	Normal Pentane	<u>0.0</u> %	Oxygen	<u>0.0</u> %
Ethane	<u>0.3</u> %	Isopentane	<u>0.0</u> %	Argon	<u>0.1</u> %
Propane	<u>0.1</u> %	Cyclopentane	<u>0.0</u> %	Helium	<u>1.2</u> %
Normal Butane	<u>Trace</u> %	Hexanes Plus	<u>0.0</u> %	Hydrogen	<u>0.4</u> %
Isobutane	<u>0.0</u> %	Nitrogen	<u>93.4</u> %	H <sub>2</sub> S	<u>0.0</u> %
				CO <sub>2</sub>	<u>0.7</u> %

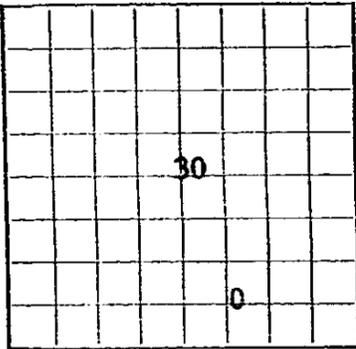
Calculated gross B.t.u./cu. ft., dry at 60°F. and 30" mercury 48 Total

CHECK OF DATA: The well data are accurate:  
 Without correction  As corrected above

PERMISSION FOR PUBLICATION:

Permission is hereby granted for the Bureau of Mines to publish the above data together with similar data released by other operators, as parts of a series of papers on analyses of gases from various fields, states, or regions.

Company \_\_\_\_\_  
 By \_\_\_\_\_  
 Title \_\_\_\_\_



U. S. LAND OFFICE Phoenix  
SERIAL NUMBER 013902  
LEASE OR PERMIT TO PROSPECT .....

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Tucson Oil & Gas Address 508 Ariz. Land Title Bldg.  
Lessor or Tract Woodman Fickeral Field Wildcat State Arizona  
Well No. 1 x Sec. 30 T. 18 N. R. 20 E. Meridian ..... County Navajo  
Location 660 ft. N. of 30 Sec. Line and 198 ft. W. of 30 Sec. Line of 30 Sec. Elevation 5117.5 KB  
(Derrick 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 Freeman Lomelino

Date ..... Title General Partner

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

Commenced drilling ....., 19..... Finished drilling ....., 19.....

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 576 to 600 Gas No. 4, from ..... to .....  
No. 2, from 1556 to 1630 Gas No. 5, from ..... to .....  
No. 3, from ..... to ..... No. 6, from ..... to .....

IMPORTANT WATER SANDS

No. 1, from 102 to 840 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>12 3/4</u>	<u>1</u>	<u>Wells Weld</u>	<u>Valley Steel</u>	<u>92</u>	<u>Tex</u>	<u>10</u>	<u>102</u>		
<u>8 5/8</u>	<u>24</u>	<u>8 Round</u>		<u>440</u>		<u>0</u>	<u>1640</u>		
<u>4 1/2</u>	<u>11</u>			<u>1760</u>	<u>That shoe</u>	<u>Halliburton #2</u>	<u>1764</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>102</u>	<u>20</u>	<u>Pump Rug</u>		
<u>2 5/8</u>	<u>440</u>	<u>155</u>	<u>Pump Rug</u>		
<u>4 1/2</u>		<u>300</u>	<u>Pump Halliburton</u>		

PLUGS AND ADAPTERS

Heaving plug—Material ..... Length ..... Depth set .....

Adapters—Material ..... Size .....

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 1785 feet, and from ..... feet to ..... feet

Cable tools were used from ..... feet to ..... feet, and from ..... feet to ..... feet

DATES

....., 19..... Put to producing ....., 19.....

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

....., Driller ..... Driller

FORMATION RECORD

FOLD MARK

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 Freeman Lomelino

Title General Partner

Date .....

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

Commenced drilling ....., 19..... Finished drilling ....., 19.....

**OIL OR GAS SANDS OR ZONES**

(Denote gas by G)

No. 1, from 576 to 600 Gas No. 4, from ..... to .....  
 No. 2, from 1556 to 1630 Gas No. 5, from ..... to .....  
 No. 3, from ..... to ..... No. 6, from ..... to .....

**IMPORTANT WATER SANDS**

No. 1, from 102 to 840 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-	
12 3/4	Woll Weld	8	Valley-Steinertex	92	Potus		10	102	
8 5/8	2 1/2	8 Round	"	440	"		0	440	
4 1/2	11	"	"	1766	That Shoe	Halliburton #2		1764	

**MUDDING AND CEMENTING RECORD**

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
12 3/4	102	20	Pump Rug		
2 5/8	440	155	Pump Rug		
4 1/2		300	Pump Halliburton		

**PLUGS AND ADAPTERS**

Heaving plug—Material ..... Length ..... Depth set .....  
 Adapters—Material ..... Size .....

**SHOOTING RECORD**

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

**TOOLS USED**

Rotary tools were used from 0 feet to 1785 feet, and from ..... feet to ..... feet  
 Cable tools were used from ..... feet to ..... feet, and from ..... feet to ..... feet

**DATES**

....., 19..... Put to producing ....., 19.....  
 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  
 ..... Driller ..... Driller

**FORMATION RECORD**

FROM-	TO-	TOTAL FEET	FORMATION
0	102	102	Sandy Shale
102	840	738	Sand
840	880	40	Sandy shale
880	900	20	Anhydritse
900	1000	100	Broken sandy shale & Anhydritse
1000	1050	50	salt
1050	1100	50	salt
1100	1160	60	shale & salt
1160	1190	30	salt
1190	1300	110	sandy shale
1300	1320	20	Anhydritse
1320	1556	236	sandy shale
1556	1864	108	Brokend Dalu Lime & Salt streaks gas in porous sections
1664	1785	121 T.D.	Brokm sand & shale

Form 9-281a  
(Feb. 1961)

	30	
	:	
	-0-	

(SUBMIT IN TRIPLICATE)  
**UNITED STATES**  
**DEPARTMENT OF THE INTERIOR**  
**GEOLOGICAL SURVEY**

Budget Bureau No. 42-R358.4  
 Approval expires 12-31-60.

Land Office **Phoenix**  
 Lease No. **A R O 13902**  
 Unit \_\_\_\_\_

**SUNDRY NOTICES AND REPORTS ON WELLS**

NOTICE OF INTENTION TO DRILL.....	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.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL <b>Temporary X</b>		

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

August 2, 19 60

Well No. **1 - x** is located **672** ft. from **[S]** line and **1980** ft. from **[E]** line of sec. **30**  
**SW 1/4 SE 1/4** **18 N 20 E** **G & S R B & M**  
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
**Wildcat** **Navajo** **Arizona**  
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **5105** 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)

**Drilled well to 1785 feet, set 5" pipe to surface,**  
**cemented from 1764 ft. to approximately 1500 feet.**  
**8 5/8" surface casing cemented top to depth of 440 feet.**  
**12' surface casing cemented to 100 feet.**

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

Company **Tucson Oil & Gas Production Co.**  
 Address **508 Arizona Land Title Bldg.**  
**Tucson, Arizona**  
 By \_\_\_\_\_  
 Title **General Partner**

89

TUCSON - Westman Fed. Location  
Notes: Two location marker pipes  
@ ALLOW.



TUGSON Oil & Gas  
PRO-00

Woodman Fed. #4

SW/4 - SE/4

Sec 30 - T18N - R20E

~~Per~~ Permit (67)

Welded on  
location pipe  
marker #89  
Should be #89

FE 1/4 Sec 30-18N-20E

Woodman

Tucson

Oil & Gas #67

7-1-59

Welded on other

location marker

pipe



30-18N-20E  
SW SE  
Tucson Oil & Gas  
Production Co  
Woodman-Fed #1-X

H 12-59  
WILDCAT, Penzance Area; elev 5102' GL; C/J. Curnutte, Winslow,  
Ariz; 2000' Penn test; set 102' 13 3/4" w/50 sx; TD 310' DP in  
hole; J&A 4-18-59; moved location 12' north; spud 4-29-59; 100'  
12 3/8" w/40 sx; TD 1753'; SD.

21  
150  
817

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

APPLICATION TO DRILL  DEEPEN  PLUG BACK

NAME OF COMPANY OR OPERATOR **TUCSON OIL & GAS PRODUCTION CO.** DATE \_\_\_\_\_  
**508 Ariz. Land Title Bldg.** **Tucson** **Arizona**  
Address City State

DESCRIPTION OF WELL AND LEASE

Name of lease **W. Harry Woodman Federal lease** Well number **2 - 1-X 1-x** Elevation (ground) **5105.**  
 Well location (give footage from section lines) **672 ft. from South line; 1980 ft. from East line, Sec. 30, T. 18 N., R. 20 E. G. & S. R. B. & M.**  
 Field & reservoir (if wildcat, so state) **Wildcat** County **Navajo**  
 Distance, in miles, and direction from nearest town or post office **5 miles northwest of Holbrook, Arizona**  
 Nearest distance from proposed location to property or lease line: **660'** feet Distance from proposed location to nearest drilling completed or applied—for well on the same lease: **12 ft. N. of Well No. 1 - abandoned** feet  
 Proposed depth: **4,000** Rotary or cable tools **Rotary** Approx. date work will start **Work started**  
 Number of acres in lease: **320 acres** Number of wells on lease, including this well, completed in or drilling to this reservoir: **One**

If lease, purchased with one or more wells drilled, from whom purchased: Name \_\_\_\_\_ Address \_\_\_\_\_  
 Status of bond **Bonding company advises that bond already on file with the State will suffice as a blanket bond and was not necessarily only for a specific hole.**  
 Remarks: (If this is an application to deepen or plug back, briefly describe work to be done, giving present producing zone and expected new producing zone) \_\_\_\_\_

\* Fill in Proposed Casing Program on other side

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the GENERAL PARTNER of the TUCSON OIL & GAS PRODUCTION CO. (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

*Tucson Oil - Gas Production Co.*  
*W. Harry Woodman*  
 Signature

Permit Number: **89**  
 Approval Date: **June 29, 1959**  
 Approved By: *Obed M. Lassen*  
 Notice: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.  
 See Instruction on Reverse Side of Form

STATE OF ARIZONA STATE LAND COMMISSIONER  
 Application to Drill, Deepen or Plug Back  
 Form No. P-1 File two copies  
 Authorized by Order No. **4-6-59**  
 Effective **April 6**, 19**59**

OK  
 4/21/59  
 1959  
 89



10542

INSTRUCTIONS

READ CAREFULLY AND COMPLY FULLY

For the purpose of this determination attach hereto a neat, accurate plat, map or sketch of this lease, section, block or lot locating thereon the proposed site for this location. Plat shall be drawn to a scale which will permit the facile observation of all pertinent data. Show distances of the proposed well from the two nearest lease and section lines, and from the nearest wells on the same lease completed in or drilling to the same reservoir. If the location requested is not in conformance with the applicable well-spacing rules, show all off-setting wells to the proposed well, and the names and addresses of all adjoining lease or property owners.

In event plat is filed for the purpose of designating the drilling and producing unit, or proration unit, on which the proposed well is to be drilled, the boundaries of such unit shall be shown, also the boundaries of all other such units attributed to other wells on the same lease completed in or drilling to the same reservoir. The acreage contained within each unit shall also be shown.

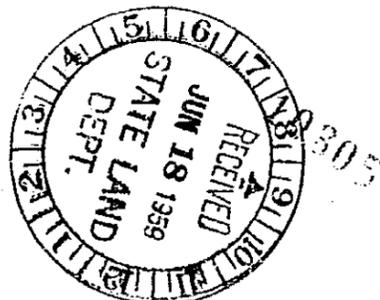
Do not confuse survey lines with lease lines. The sketch or plat should show your entire lease if possible. If it is not practical to show the entire lease and the plat shows only a section, block or lot out of your lease, you should clearly show that same is only a part of the lease.

Designate scale to which plat or sketch is drawn. Also designate northerly direction on the sketch or plat.

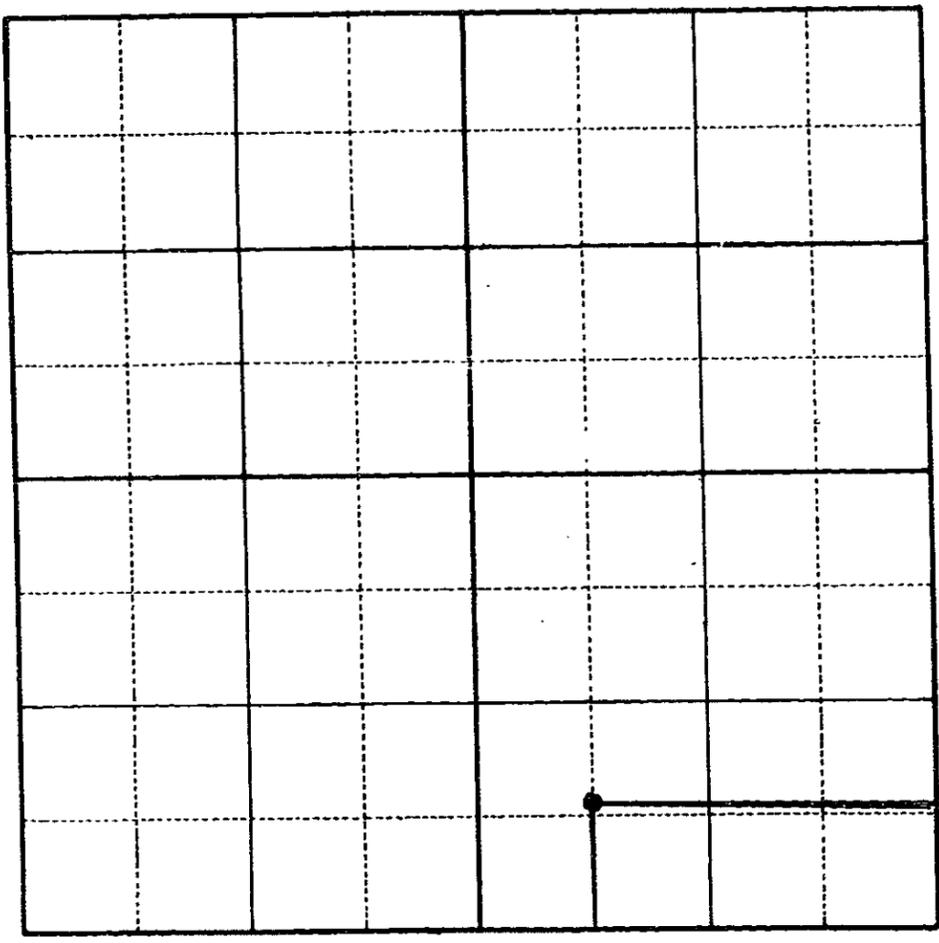
PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement
8 5/8	24 #	H. 40	Surface	303'	Total	62.

Form No. P-1



SEC. 30 T. 18N. R. 20E



SCALE 1" = 1000'

ABSTRACTED \_\_\_\_\_ AREA \_\_\_\_\_  
PLAT OF SURVEY FILED \_\_\_\_\_

Successors of B. P. and Co. Woodmen Ind. #1X  
(SWSE) 672' NSL; 1980 WEL.  
89 12' No. of Ind. #1

Tucson O.K.B. Fed# 1X

Sec 30 - 18N 20E

new hole 12' North  
of Fed# 1

(SWSE)

Need new Bond  
\$25.00 Permit Fee

Intent - Same  
Casing program  
as Fed# 1.

6/22/59 —

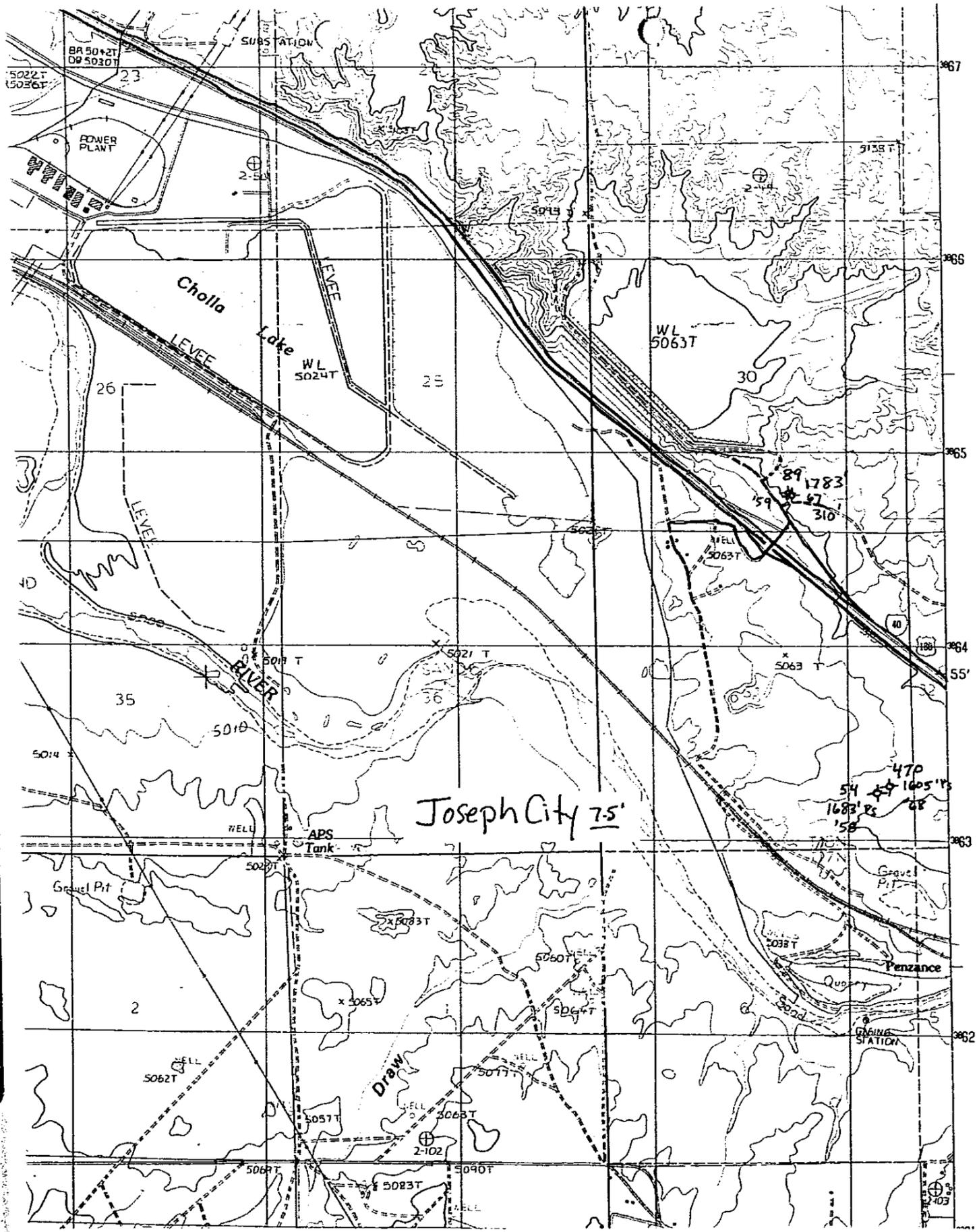
Caring ok per  
O.M.L. phone call  
to J.C.R.

Still need

\$ 25.00

Signature  
O.M.L.

Cards





SAMUEL P. GODDARD  
GOVERNOR  
LYNN LOCKHART  
CHAIRMAN  
R. KEITH WALDEN  
VICE CHAIRMAN  
ORNE LEWIS  
MEMBER  
LUCIEN B. OWENS  
MEMBER  
GEORGE T. SILER  
MEMBER

OFFICE OF  
**Oil and Gas Conservation Commission**

STATE OF ARIZONA

ROOM 202  
1624 WEST ADAMS  
Phoenix, Arizona 85007  
PHONE: 271-5101

JOHN BANNISTER  
EXECUTIVE SECRETARY  
J. R. SCURLOCK  
PETROLEUM GEOLOGIST

July 6, 1965

The Hartford Insurance Group  
1410 N. 3rd Street  
Phoenix, Arizona 85004

Attention: Mr. Art Summers, Bond Department

Re: Tucson Oil & Gas Co. #1X Woodman Federal well  
SE/4SW/4 30-T18N-R20E, Navajo County, Permit 89  
Your bond 3118436

Tucson Oil & Gas Co. #1 Woodman Federal well  
SW/4SE/4 30-T18N-R20E, Navajo County, Permit 67  
Your bond 3107043

Gentlemen:

According to information in our files, your Bond 3118436 was issued to cover Tucson Oil & Gas Co. operations under Permit #89, not Bond 3107043 as indicated in the caption of your letter of July 2, 1965. Again, according to our records, Bond 3107043 was issued to cover operations under Permit #67.

The well drilled under Permit #67 has not been properly plugged and completed; and therefore it must remain under active bond.

By letter of May 20, 1965 to Mr. J.L. Jarvise, Attorney, Tucson, we authorized cancellation of Bond 3118436 covering operations under Permit 89 and directed that Bond 3107043 covering Permit 67 is not cancelled and remains in force. A copy of this letter was sent to Hartford Insurance Group, 720 California Street, San Francisco.

If you have any further questions, or if we may be of assistance to you, please contact us.

Yours very truly,

John Bannister  
Executive Secretary  
mE-



SAMUEL P. GODDARD  
GOVERNOR  
LYNN LOCKHART  
CHAIRMAN  
R. KEITH WALDEN  
VICE CHAIRMAN  
ORME LEWIS  
MEMBER  
LUCIEN B. OWENS  
MEMBER

OFFICE OF  
**Oil and Gas Conservation Commission**  
STATE OF ARIZONA  
ROOM 202  
1524 WEST ADAMS  
Phoenix, Arizona 85007  
PHONE: 271-5161

JOHN BANNISTER  
EXECUTIVE SECRETARY  
J. R. SCURLOCK  
PETROLEUM GEOLOGIST

May 20, 1965

Mr. James L. Jarvise  
Attorney at Law  
302 Arizona Land Title Building  
Tucson, Arizona

Re: Tucson Oil & Gas Co. #1X Woodman Federal well  
SE/4SW/4 S30-T18N-R20E, Navajo County  
Permit 89  
and  
Hartford Fire Insurance Co. Group Bond 3118-436

Dear Mr. Jarvise:

This is to advise that the captioned well has been plugged in accordance with our Rules and Regulations and all necessary information has been filed in this office.

Consequently this letter constitutes the authority of this Commission to cancel the captioned bond.

Yours very truly,

*John Bannister*  
John Bannister  
Executive Secretary

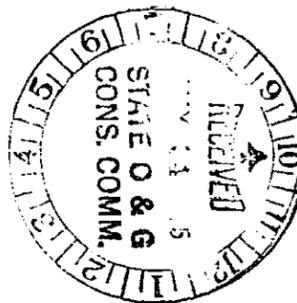
mr

cc: Hartford Fire Insurance Co. Group  
720 California Street  
San Francisco 20, Calif.

P.S. Bond 3107043 covering the Tucson Oil & Gas Co. #1 Woodman Federal well, Permit 67, is not cancelled and remains in force.

JAMES L. JARVISE  
ATTORNEY AT LAW  
302 ARIZONA LAND TITLE BUILDING  
TUCSON, ARIZONA  
MAIN 2-6747

May 13, 1965



Oil and Gas Conservation Commission  
State Office Building  
Phoenix, Arizona

Attention: Executive Secretary  
John Bannister

In re Tucson Oil & Gas Production Co.

Gentlemen:

It is requested that the Oil and Gas Drilling Bond filed with your office by Tucson Oil and Gas Production Co. be released. It is my understanding that Joe Barrett has recently completed plugging operations in accordance with your specifications.

Very truly yours,

*James L. Jarvise*  
James L. Jarvise

JLJ:fa

Hartford Acc a Ind. Co

# N-3118436

# 89

XXXXXXXXXX  
XXXXXXXXXX

February 24, 1964

Mr. W. C. Doyle  
Surety Department  
Hartford Fire Insurance Company Group  
P. O. Box 2945  
Phoenix, Arizona 85004

Re: Bond #3107043 and #3118436

Dear Mr. Doyle:

We have received no plugging reports or completion reports on these wells indicating they are plugged.

Until we inspect them after receiving plugging reports, we cannot release the captioned bonds.

One of these wells will blow gas when the valve is opened.

Yours truly,

John K. Petty  
Acting Executive Secretary

JKP:mkc

67 # 89

HARTFORD FIRE INSURANCE COMPANY  
HARTFORD ACCIDENT AND INDEMNITY COMPANY  
HARTFORD LIVE STOCK INSURANCE COMPANY  
CITIZENS INSURANCE COMPANY OF NEW JERSEY  
HARTFORD, CONNECTICUT



NEW YORK UNDERWRITERS INSURANCE COMPANY  
NEW YORK, NEW YORK  
TWIN CITY FIRE INSURANCE COMPANY  
MINNEAPOLIS, MINNESOTA

HARTFORD FIRE INSURANCE COMPANY GROUP  
PACIFIC DEPARTMENT

WILLIAM H. RUSHER, MANAGER  
720 CALIFORNIA STREET  
SAN FRANCISCO 20, CALIFORNIA

ARIZONA BRANCH OFFICE  
PHONE: ALPINE 8-1681  
1410 N. 3RD STREET  
PHOENIX 4, ARIZONA

December 26, 1963

Oil and Gas Conservation Commission  
State of Arizona  
1624 West Adams  
Phoenix 7, Arizona

Attention: Mr. John K. Petty

Re: Bond #3107043 and #3118436  
Tucson Oil and Gas Production Co.  
Woodman - Federal #1, Section 30-T18N-R20E,  
67 Navajo County, Arizona

Dear Mr. Petty:

We, as Surety on the captioned bonds, have received indication that the wells drilled in the subject areas have been properly capped and plugged. With this information on hand, we request that you advise us of exoneration of the bonds, so that we may discharge further liability and premiums.

Very truly yours,

W. C. Doyle  
Surety Department

WCD:jw

RE: Bond 3107043  
Dear Mr. Doyle:

~~These wells have~~  
We have received no plugging reports or completion reports on these wells indicating they are plugged. Until we inspect them, after receiving plugging reports, we cannot release the captioned bonds. One of these wells will blow gas when the valve is opened.

Yours truly

XXXXXXXXXX  
XXXXXXXXXX

September 17, 1963

Mr. James P. Swofford  
1717 West Prince Road  
Tucson, Arizona

Re: Tucson Oil & Gas Production Co. #1-X Woodman Federal  
Section 30 - T18N - R 20E, Navajo County, Arizona

Dear Mr. Swofford:

The above well was visited to ascertain its condition with respect to bond coverage, etc., and a sample was taken. You'll note the 1.2% Helium which probably could be fraced into a fair sized well.

Our records reflect no gas analysis having been made of any gas sample taken from this well previously. Since you are presently owner of the Oil and Gas Lease on the two leases on this section 30, I'm sending you a copy of this gas analysis which I trust you will sign and forward to Mr. Munnerlyn, Chief, Branch of Engineering, United States Bureau of Mines, Helium Activity, P. O. Box 10085, Amarillo, Texas, in the attached addressed envelope.

The Bureau of Mines does a splendid project on the gas analysis of Helium bearing "blows" and "gases" and most everyone cooperates with them by letting them publish results of the tests.

Hoping you'll come by and visit us at this Commission office when you are in this area, I am

Yours truly,

John K. Petty  
Acting Executive Secretary

JKP:mc  
Encl.

Cc: Mr. R. D. Munnerlyn

PAUL FANNIN  
GOVERNOR  
R. KEITH WALDEN  
CHAIRMAN  
LYNN LOCKHART  
VICE CHAIRMAN  
CHARLES KALIL, M.D.  
MEMBER  
ROBERT B. HEWARD  
MEMBER  
ORME LEWIS  
MEMBER



OFFICE OF  
**Oil and Gas Conservation Commission**

STATE OF ARIZONA  
ROOM 202  
1524 WEST ADAMS  
Phoenix 7, Arizona  
271-5161

J. W. FREDERICK  
EXECUTIVE SECRETARY  
JOHN K. PETTY  
PETROLEUM GEOLOGIST

Tucson Oil and Gas Production Company #1 Woodman Federal  
W $\frac{1}{2}$  SE $\frac{1}{4}$  Section 30 T18N R20E, Navajo County, Arizona

This well is located just north of the Highway 66, 5 $\frac{1}{2}$  miles west of Holbrook.

It was drilled in 1959 and shut in without a test or gas analysis.

September 7, 1963 a gas sample was taken and U. S. Bureau of Mines, Helium Activity Branch, analyzed it. It is 1.2% helium, 4.2% hydrocarbon gases, .7% carbon dioxide, 93.4 nitrogen, and .5 hydrogen and argon.

This will open a new helium field and begin a new area of exploration. The immediate vicinity is known as the Penzance structure.

September 16, 1963

Mr. Ben Hunt  
Joseph City, Arizona

Re: Tucson Oil & Gas Production Company  
#1 Woodman Federal, Sec. 30, T15N, R20E  
Navajo County, Arizona

Dear Mr. Hunt:

On Wednesday, September 4th, Commissioner Kallil, M.D., informed Commissioner Lynn Lockhart, Vice Chairman, and me of the above well in Section 30 blowing upon being opened and that he thought it should be sampled.

Later in the week you and I talked over the telephone in regard to sampling this gas and made arrangements for this to take place on Saturday, September 7, 1963. As you know, I arrived Saturday afternoon on that date, and I do appreciate your having left the gate unlocked for me. I took a gas sample and sent it to Amarillo to the United States Bureau of Mines for analysis determination.

Today I received the gas analysis results and am forwarding you a copy. You'll note the helium content is 1.3 percent, and this means a new field is opened by this well.

Hoping to visit with you in the near future in regard to sampling all blows in oil and gas and water wells in the vicinity of which you have knowledge, I am

Sincerely,

John K. Petty  
Acting Executive Secretary

JKP:mc

cc: All Commissioners

August 21, 1963

Mr. W. G. Doyle  
Surety Department  
Hartford Fire Insurance Co. Group  
1410 N. 3rd Street  
Phoenix 5, Arizona

Re: Tucson Oil & Gas Production Co.  
Wellman - Federal No. 1  
Section 30-TISH-R20N, Navajo County, Arizona

Dear Mr. Doyle:

In answer to yours of August 19.

This Commission has not been notified that Mr. Stanford has taken over the operations involved in the above project.

At such time as we may be notified of such action you will be duly notified.

Yours very truly,

John E. Feltz  
Acting Executive Secretary

HARTFORD FIRE INSURANCE COMPANY  
HARTFORD ACCIDENT AND INDEMNITY COMPANY  
HARTFORD LIFE STOCK INSURANCE COMPANY  
CITIZENS INSURANCE COMPANY OF NEW JERSEY  
HARTFORD, CONNECTICUT

HARTFORD LIFE INSURANCE COMPANY  
NEW YORK, NEW YORK  
HARTFORD LIFE INSURANCE COMPANY  
HARTFORD, CONNECTICUT



# HARTFORD FIRE INSURANCE COMPANY GROUP

PACIFIC DEPARTMENT

WILLIAM W. PARKER, Manager  
725 CALIFORNIA STREET  
SAN FRANCISCO 23, CALIFORNIA

ADJUNCT BRANCH OFFICE  
PHOENIX, ARIZONA

August 19, 1954

Oil and Gas Conservation Commission  
State of Arizona  
Phoenix, Arizona

William W. Parker, Manager  
725 California Street  
San Francisco 23, California

Dear Mr. Ludewick:

We are surety on a bond for [redacted]  
their Oil and Gas Permit, [redacted]  
Principal no longer works for [redacted]  
Mr. Spafford has asked [redacted]  
particular range.

If you have received a bond from [redacted]  
same range for oil and gas drilling  
notify this office so that we may  
which properly grants this [redacted]

[Handwritten signature]

WCD: [redacted]  
801. [redacted] Realty & Trust Co.  
P. O. Box 990  
Phoenix, Arizona





PAUL FANNIN  
GOVERNOR

M. F. WHARTON  
CHAIRMAN

CHARLES KALIL, M. D.  
VICE CHAIRMAN

ERNEST W. CHILSON  
MEMBER

R. KEITH WALDEN  
MEMBER

ANTHONY T. DEDDENS  
MEMBER

OFFICE OF

**Oil and Gas Conservation Commission**

STATE OF ARIZONA

3500 N. CENTRAL SUITE 312

Phoenix, Arizona

CR 9-3347 CR 9-2731

D. A. JEROME  
EXECUTIVE SECRETARY

November 25, 1960

Tucson Oil & Gas Production Company  
2488 Via Colandrea  
Tucson, Arizona

Gentlemen:

The Attorney General has informed this office that more than thirty (30) days has elapsed since he wrote you with respect to taking action on your bond. While this office does not desire to cause hardship to the operators in this state, we must insist that the rules and regulations enacted under the Statutes of this state be enforced.

We request that you appear in the office of the Commission within ten (10) days with a plan outlining the action being taken with regard to your wells, Woodman-Federal #1 and #1-X.

Sincerely,

D. A. Jerome  
Executive Secretary

For the Oil and Gas  
Conservation Commission

DAJ/ew

cc: Mr. Arthur E. Ross  
Assistant Attorney General

JAMES L. JARVISE  
ATTORNEY AT LAW  
508 ARIZONA LAND TITLE BUILDING  
TUCSON, ARIZONA  
MAIN 2-6747

October 14, 1960

Oil and Gas Conservation Commission  
3500 N. Central Avenue  
Phoenix, Arizona

Attention: Mr. Bill Maule

Herewith is copy of Sundry Notices and Reports on Wells  
of Tucson Oil & Gas Co. This has been approved by the  
U. S. Geological Survey, Farmington, New Mexico.

Very truly yours,

*James L. Jarvis*  
James L. Jarvis

JLJ:fa  
encl.

JAMES L. JARVISE  
ATTORNEY AT LAW  
508 ARIZONA LAND TITLE BUILDING  
TUCSON, ARIZONA  
MAIN 2-6747

October 14, 1960

Oil and Gas Conservation Commission  
3500 N. Central Avenue  
Phoenix, Arizona

Attention: Mr. Bill Maule

Herewith is copy of Sundry Notices and Reports on Wells  
of Tucson Oil & Gas Co. This has been approved by the  
U. S. Geological Survey, Farmington, New Mexico.

Very truly yours,

*James L. Jarvis*  
James L. Jarvis

JLJ:fa  
encl.

9-116

October 6, 1960

Mr. James Jarvise  
Attorney at Law  
508 Arizona Land Title Building  
Tucson, Arizona

Re: TUCSON OIL & GAS PRODUCTION CO.  
Woodman - Federal 1 and 1-X  
Freeman Lomelino

Dear Mr. Jarvise:

Pursuant to our conversation this morning,  
I am sending you a list of violations existing  
at the Woodman wells.

Same form in two different bindings. In ordering consult front cover for correct Form Number

Mr. <u>Ross</u>	Date <u>10/6/60</u>	Called to See You
<b>WHILE YOU WERE OUT</b>		Wants to See You
There was a phone call today at _____ o'clock from		Please Call Him
Mr. <u>James S. Jarvise</u>		Will Call Again
of <u>Tucson</u>		Rush
who said <u>Operator 71 in Tucson - Number calling is Main 26747</u>		Inquired About Delivery
Whose number is <u>89</u>	By <u>D.H.</u>	Wants to Place an Order
	Operator	

can be remedied  
at court action

ation in this

yours,

H  
ey General

ROSS  
Assistant Attorney General

AKR:bn  
Enc.

9-116

October 6, 1960

Mr. James Jarvise  
Attorney at Law  
508 Arizona Land Title Building  
Tucson, Arizona

Re: TUCSON OIL & GAS PRODUCTION CO.  
Woodman - Federal 1 and 1-X  
Freeman Lomelino

Dear Mr. Jarvise:

Pursuant to our conversation this morning,  
I am sending you a list of violations existing  
on the aforesaid wells.

I hope these violations can be remedied  
within the next 30 days so that court action  
need not be taken.

Thank you for your cooperation in this  
matter.

Very truly yours,

WADE CHURCH  
The Attorney General

ARTHUR E. ROSS  
Assistant Attorney General

AER:bh  
Enc.

Re: TUCSON OIL & GAS PRODUCTION CO.  
Woodman - Federal 1 and 1-X  
Freeman Lonelino

1. Said applicant obtained a permit to drill and filed a bond in the amount of \$2500 conditioned upon his compliance with the rules and regulations of the Oil and Gas Conservation Commission of Arizona and specifically the requirement of plugging wells upon abandonment.

2. That drilling was commenced and thereafter discontinued.

3. That the rig was removed and the operator failed to plug said well as required by the rules and regulations of the Oil and Gas Commission of Arizona.

4. That the above named operator filed an application to plug and abandon the Federal #1 well which was approved June 25, 1959, operations to start June 18, 1959; that the above named operator has not filed an application to plug the Federal # 1-X well.

5. That the inspection of the Petroleum Engineer of this Commission has established the fact that such wells were not plugged.

6. Said operator was requested to appear before the Oil and Gas Commission of Arizona to show cause why his bond should not be forfeited for failure to plug said well and to make application to do so as required by the rules and regulations of this Commission.

7. Said operator has failed to appear before the Oil and Gas Conservation Commission of Arizona. It is the opinion of the Commission that more than a reasonable length of time has expired within which said operator could have plugged his said well or resumed operation.

October 5, 1960

C  
O  
P  
Y  
Tucson Oil & Gas Production Company  
3488 Via Golondrina  
Tucson, Arizona

Gentlemen:

On July 1, 1960, you were notified by the Oil and Gas Conservation Commission of existing violations with regard to Well No. 1 having the following legal description:

West half of the Southeast quarter,  
Section 30, G & S R B & M, Navajo  
County, Arizona.

We have been advised that to date no action has been taken to remedy these violations.

The Commission has requested that legal action be taken to recover on your bond. Please be advised that unless within 30 days from this date you comply with the statutes and rules and regulations adopted thereunder, we will begin proceedings to have your bond forfeited; the money to be used to plug and abandon the above described well in the manner prescribed by the rules and regulations of the Oil and Gas Conservation Commission.

Very truly yours,

WADE CHURCH  
The Attorney General

ARTHUR E. ROSS  
Assistant Attorney General

AER:bh  
cc: Hartford Accident and Indemnity Co.

July 1, 1960

The Honorable Wade Church  
Attorney General of Arizona  
State Capitol Building  
Phoenix, Arizona

Re: Forfeiture of bond of:  
TUCSON OIL & GAS PRODUCTION CO.  
Woodman - Federal 1 and 1-X  
Freeman Lomelino

Dear Sir:

The Oil and Gas Conservation Commission has passed a motion requesting your office to bring legal action to forfeit the bonds of each and all of the named operators for failure to comply with the rules and regulations of the Oil and Gas Conservation Commission of Arizona relative to the plugging of abandoned wells.

For your assistance the records and reports of the Petroleum Engineer of the Oil and Gas Commission of Arizona show the following to exist:

1. Said applicant obtained a permit to drill and filed a bond in the amount of \$2500 conditioned upon his compliance with the rules and regulations of the Oil and Gas Conservation Commission of Arizona and specifically the requirement of plugging wells upon abandonment.
2. That drilling was commenced and thereafter discontinued.
3. That the rig was removed and the operator failed to plug said well as required by the rules and regulations of the Oil and Gas Commission of Arizona.
4. That the above named operator filed an application to plug and abandon the Federal #1 well which was approved June 23, 1959, operations to start June 18, 1959. that the above named operator has not filed an application to plug the Federal #1-X well.
5. That the inspection of the Petroleum Engineer of this Commission has established the fact that such wells were not plugged.

C  
O  
P  
Y

Hon. Wade Ch. sh

2.

July 1st, 1960

6. Said operator was requested to appear before the Oil and Gas Commission of Arizona to show cause why his bond should not be forfeited for failure to plug said well and to make application to do so as required by the rules and regulations of this Commission.

7. Said operator has failed to appear before the Oil and Gas Conservation Commission of Arizona. It is the opinion of the Commission that more than a reasonable length of time has expired within which said operator could have plugged his said well or resumed operation.

8. The name and address of the bonding company and agent for the bondsman for said operator is as follows:

Operator: Freeman Lonelino - Tucson Oil & Gas Co.  
Woodman - Federal #1 and 1-X  
Bonding Company: Hartford Accident & Indemnity Co.  
Agent: James L. Jarvise, Atty.  
Address: 508 Arizona Land Title Building, Tucson.

It is the request of the Commission, pursuant to motion to that effect unanimously adopted at its meeting of June 22, 1960, that you, as Attorney General for the State of Arizona, file action against said operator, if necessary, but particularly against the bondsman of said operator, for the purpose of forfeiting the bond and collecting the penalty thereunder for failure of the operator to comply with the rules and regulations of the Commission to plug the said wells.

There is attached hereto for your information a copy of the form of bond required and which is the same form of bond which has been executed on behalf of the bondsman for the above named operator. The bond has been furnished pursuant to the rules and regulations of the Commission and the provisions of Statute 27-516 A3 A.R.S.

Should you desire any further information concerning these matters, please advise us. Will you keep us advised concerning your actions taken thereon?

We are,

Very truly yours,

OIL AND GAS CONSERVATION  
COMMISSION OF ARIZONA

By M. J. Harton  
Chairman

Form letter sent February 25, 1960, by instructions  
of Petroleum Engineer, W. F. Hault

88

June 30, 1959

Mr. James L. Jarvis  
Attorney at Law  
508 Arizona Land Title Bldg.,  
Tucson, Arizona

Dear Mr. Jarvis:           Re: Tucson Oil & Gas Production Co.,  
Federal #1-X

We are transmitting herewith a copy of Application for  
Permit to Drill, etc., for the above named well, which  
is for your records.

This approved application constitutes drilling permit  
No. 89.

We are also inclosing a receipt in the amount of \$25.00  
covering permit fee.

Thank you for your cooperation in the matter and if  
we may be of additional service to you, please let  
us know.

Very truly yours,

STATE LAND COMMISSIONER

By: Frederick C. Ryan,  
Supervisor,  
Oil & Gas Conservation

FCR:ab  
Encls.

89

JAMES L. JARVISE  
ATTORNEY AT LAW  
508 ARIZONA LAND TITLE BUILDING  
TUCSON, ARIZONA  
MAIN 2-6747 • MAIN 2-8751

June 27, 1959

State Land Department  
State of Arizona  
Phoenix, Arizona

Attn: Mr. Frederick C. Ryan, Supervisor  
Oil and Gas Conservation

Gentlemen:

Enclosed is check in the sum of \$25.00  
to cover the cost of the drilling permit for the  
Tucson Oil and Gas Production Company, as requested  
in your letter of June 22, 1959.

Yours very truly,

*James L. Jarvis*  
James L. Jarvis

JLJ/mb  
Encl:

Check (\$25.00)



10766

June 22, 1959

Tucson Oil and Gas Production Company  
508 Arizona Land Title Bldg.,  
Tucson, Arizona

Attention: Freeman Lomelino

Dear Mr. Lomelino:

This is to acknowledge receipt, on June 18, 1959, of your Application to Drill with covering Drilling Bond in the amount of \$2,500 written June 17, 1959 by Hartford Accident and Indemnity, surety, which Application and Bond cover your second hole operation in Section 30, Township 18 North, Range 20 East, Navajo County, Arizona. Thank you for your cooperation.

Our geologist, P. W. Johnson having approved the casing program, the permit will issue upon our receipt of the necessary permit fee in the amount of twenty-five dollars.

We are interested to hear that you have acquired a good big rig with which to continue the drilling. We are sure that such an arrangement will work out much more satisfactorily to you than the previous one and wish you the best of luck.

Very truly yours,

STATE LAND COMMISSIONER

By: Frederick C. Ryan,  
Supervisor,  
Oil and Gas Conservation

FCR:mb

