

Wilkinson Oil & Gas Co. / Sunland Dev. -  
NE/4-SW/4 Sec 28-T19N-R26E 68 State  
Apache, County

P-W



**PLUGGING RECORD**

Operator <b>Wilkinson Oil &amp; Gas Co.</b>		Address <b>2614 W. Freeway Lane, Phoenix, Arizona</b>		
Name of Lease <b>Sunland Development Co.</b>		Well No. <b>#1</b>	Field & Reservoir <b>-</b>	
Location of Well <b>SE, NE, SW, Sec. 28, T. 19 N., R. 26 E.</b>		Sec-Twp-Rge or Block & Survey		County <b>Apache</b>
Application to drill this well was filed in name of <b>Wilkinson Oil &amp; Gas</b>	Has this well ever produced oil or gas <b>No</b>	Character of well at completion (initial production): Oil (bbls/day) <b>-</b> Gas (MCF/day) <b>-</b> Dry? <b>Yes</b>		
Date plugged: <b>2/9/60</b>	Total depth <b>1,040'</b>	Amount well producing when plugged: Oil (bbls/day) <b>-</b> Gas (MCF/day) <b>-</b> Water (bbls./day) <b>-</b>		
Name of each formation containing oil or gas. Indicate which formation open to well-bore at time of plugging <b>No production Nothing open. All cased and cemented.</b>	Fluid content of each formation <b>Salt water in Coconino sandstone</b>	Depth interval of each formation <b>See logs</b>	Size, kind & depth of plugs used. Indicate zones squeeze cemented, giving amount cement. <b>190'-6" 24 sacks Ideal cement. Plug drilled out. 976'-10" 70 sacks Ideal Cement between 5" and 3" casing. 3" plugged back to 820' with 7 sacks cement.</b>	

**CASING RECORD**

Size pipe	Put in well (ft.)	Pulled out (ft.)	Left in well (ft.)	Give depth and method of parting casing (shot, ripped etc)	Packers and shoes
<b>5½" O.D.</b>	<b>190'-6"</b>	<b>-</b>	<b>190'-6"</b>	<b>-</b>	<b>Baker float shoe.</b>
<b>3½" O.D.</b>	<b>976'-10"</b>	<b>-</b>	<b>976'-10"</b>	<b>-</b>	<b>Float valve @ 956'-10" shoe at 976'-10".</b>
Was well filled with mud-laden fluid, according to regulations? <b>Yes</b>				Indicate deepest formation containing fresh water. <b>None</b>	

**NAMES AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE**

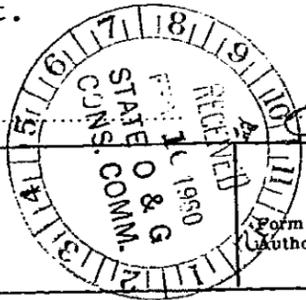
Name	Address	Direction from this well:
<b>State lease</b>		

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  
File this form in duplicate with the State of Arizona Oil & Gas Conservation Commission

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Signer and guarantor of the bond for said \_\_\_\_\_ (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.  
Said company is defunct.

Date Feb. 17, 1960



Signature Samuel F. Jurek

**STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION**

Plugging Record File two copies

Form No. P-15

Authorized by Order No. 4-8-59

Effective April 6, 19 59

68

**APPLICATION TO ABANDON AND PLUG**

FIELD \_\_\_\_\_  
 OPERATOR Wilkinson Oil & Gas Co. ADDRESS 2614 W. Freeway Lane, Phoenix, Ariz.  
 LEASE Sunland Dev. Co. WELL NO. \_\_\_\_\_ State # 1 COUNTY Apache  
 SURVEY \_\_\_\_\_ SECTION 28 DRILLING PERMIT NO. 68  
 LOCATION SE, NE, SW, Section 2, T. 19 N., R. 26 E.

TYPE OF WELL Dry hole TOTAL DEPTH 1,040 feet  
(Oil, Gas or Dry Hole)

ALLOWABLE (If Assigned) \_\_\_\_\_

LAST PRODUCTION TEST OIL \_\_\_\_\_ (Bbls.) WATER \_\_\_\_\_ (Bbls.)  
 GAS \_\_\_\_\_ (MCF) DATE OF TEST \_\_\_\_\_

PRODUCING HORIZON \_\_\_\_\_ PRODUCING FROM \_\_\_\_\_ TO \_\_\_\_\_

1. COMPLETE CASING RECORD. Set 190'-6" of 5½" OD T & C surface string 5/4/59. Cemented surface casing with 24 sacks Ideal #1 (return of cement to surface outside casing). 976'-10" of 3½" O.D. second string casing 5/19/59. Set with shoe and float collar. Cemented by Halliburton 5/19/59. Perforated from 880'-888'; 892'-910'; 932'-940'. Acid treated 5/22/59. No results. 3" casing cemented back to 820'; 680' of cementing string lost in hole 7/25/59, completely plugging hole.
2. FULL DETAILS OF PROPOSED PLAN OF WORK Emergency plugging authorization received from M. F. Wharton 2/8/60. In accordance with Rule 202, a. 1. and 2, all formations are sealed off by casing and cementing. Rule 202, a. 4. hole filled with mud and water. Rule 202, a. 3 plugged (2 sacks cement); raised to ground level. Rule 202, a. 7. marked by length of 4" pipe imbedded in cement. Pipe painted white with information painted in black enamel letters.

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 2/9/60  
 NAME OF PERSON DOING WORK Charles Freesh ADDRESS 5629 W. Hazelwood, Phoenix  
Hubert O. Rydstrom ADDRESS 3640 E. Piccadilly, Phoenix  
 CORRESPONDENCE SHOULD BE SENT TO Turner and Associates

NAME Samuel F. Turner *Samuel F. Turner*  
 TITLE Consulting Geologist

Date Approved 2/17/60 wpm

*W. Halliburton*  
 STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION



STATE OF ARIZONA  
 OIL & GAS CONSERVATION COMMISSION  
 Application to Abandon and Plug  
 Form No. 15A File 2 Copies  
 Authorized by Order No. 4-6-59  
 Effective April 6, 1959

NOTES ON WILKINSON OIL AND GAS COMPANY WELL NO. 1  
TRANSCRIBED FROM FIELD NOTES TAKEN BY CHARLES FREESH

By

Samuel F. Turner

May 1, 1959: Drill rig and water trailer moved from port of entry at Sanders to site on Prulsells Ranch.

May 3, 1959: Brought in two cattle guards, 193 feet of 5½ inch OD surface pipe, 25 sacks of cement, Baker float, and orbit shut off valve. Fence laid out at well location.

May 4, 1959: Rig moved into location and drilled 206 feet of 6 ¾ inch hole. Indians erecting fence.

May 5, 1959, Tuesday: Pipe and cattle guards moved to location. One hundred ninety feet and six inches of surface pipe set with Baker float. Fence built.

May 6, 1959, Wednesday: Surface string cemented with 24 sacks of Ideal No. 1 cement. Drive plug with drill pipe to 170 feet. Good return of cement to surface outside of 5½ inch surface string. Finished at 10:30 a.m. Wire put on fence.

May 7, 1959, Thursday: Drilled out from under shoe at 10:30 a.m. Continued drilling and changed over to drag bit at 560 feet. Fence finished and cattle guards installed.

May 8, 1959, Friday: Drill from 560 feet to 655 feet. Lost drill, sub and drill pipe collar. Fishing spear and overshot picked up in New Mexico and brought out fish on second run with spear.

May 9, 1959, Saturday: Drilled from 655 feet to 680 feet. Small yield of water encountered at 660 feet in limestone lens. Quit drilling with air and started drilling with mud at 660 feet using rock bit. Drill to 680 feet then burned out bearing on drawworks.

May 10, 1959, Sunday: New bearing installed and other repairs made on drawworks. No drilling.

#168

May 11, 1959, Monday: Drilled from 680 to 800 feet. Sent for 4½ inch and 4 3/4 inch bits and a set of valve rubbers for pump. Went back in hole with a two cone bit at 720 feet at 9:50 a.m. Drilled to 750 feet and bearings were worn out on bit. Then went in with new 4½ inch bit and drilled to 800 feet at 12 feet per hour. Came part way out of the hole to 400 feet at 9:30 p.m. Start of transition from Chinle to Moenkopi at 690 feet. Increased in amount of lime at 760 feet in conglomerate. Further lime increase at 790 feet. Mud mixture thinned and first show of gas in mud at 760 feet in conglomerate.

May 12, 1959, Tuesday: Came out of hole and went in with new 4 5/8 inch reamer above a new 4 3/4 inch bit. in to 640 feet and then started reaming with thin mud. Have used three truck loads of water to this point. Had drilled to 875 feet at 6 p.m. Came out of hole at 7:00 a.m. the next morning. Bearings were badly worn on bit. Possible contact with Coconino at 872 feet under hard shelf at 860 to 865 feet.

May 13, 1959, Wednesday: Started in hole at 7 a.m. with new 4 3/4 inch 3 cone bit. Started circulating at 620 feet and was necessary to ream from 655 to 680 feet. Set on bottom and drilling at 8:20 a.m. Mud lightened. Repaired goose neck at 8:40 a.m., taking out 20 minutes and 10 minutes to repair guide. Started drilling at 10:20 at 900 feet and was at 920 feet at 11:20 a.m., 925 feet at 11:35 a.m. on an unusually hard 6 inch strata, at 940 feet at 1:20 p.m., 960 feet at 3:00 p.m. and at 4:20 p.m. changed to 4 3/4 inch long tooth bit. Drilled to 980 feet at 5:50 p.m., 1,000 feet at 7:30 p.m. Finished at 8:30 p.m. Pulled 21 joints and left 560 feet hanging in hole. Still cutting at 20 feet per hour. Light sandstone, Coconino.

May 14, 1959, Thursday: Went back in hole after checking bit and drilled from 1,020 to 1,040 feet in 1 hour and 15 minutes. Attempted to blow hole clear to 320 feet and called for Welex for logging. Coconino sandstone was identified by geologists at 940 to 980. The long tooth 3 cone bit showed little wear after cutting 80 feet of Coconino.

May 15, 1959, Friday: Cleaned mud pump and cleaned out mud pits and made up new mud to condition hole. Had to drill down from 520 feet on and redrilled from 720 to 980 feet. Welex started first test run from 980 feet at 11:30 p.m. Finished run and made 5 copies of log. Good Coconino formation from, roughly, 875 feet to 980 feet with very good porosity.

No water shut off indicated. Finished work at 2 a.m., Saturday morning, May 16.

May 17, 1959, Sunday: Made arrangements for 1,000 feet of 3 inch pipe with fittings..Float and collar from Halliburton. Cement trucks to arrive at 4:00 p.m. on Tuesday, May 19. Welex to perforate.

May 19, 1959: Beasley Hotshot Truck Service delivered 40 pcs. of 3 inch line pipe or 1,000 feet with well head fittings. Went into 760 feet with drill. Fluid level at 320 feet. Dropped drill to 900 feet and eased on down to 970 feet. Drilled to 980 feet and circulated for 30 minutes. Came out of hole and set 971 feet of 3 inch standard 7.7 pound line pipe. Hole in good condition. Made up string with 4'6" of extension above surface. Halliburton hooked on to string flushed with 1,000 gallons of water. Returned to surface, staging in full return. Hauled extra tank of water from Paulsells sump, making a total of 5 loads (2,400 gals. each) for drilling operation. Made up 18.3 barrels of slurry with 75 sacks of cement and pumped into 3 inch casing followed by plug. Forced plug to 950 feet in clear water. Held pressure of 500 lbs. on plug and then released to make up pressure to 640 lbs. Use sounding line and plug checked at 950 feet. Observed water level in top of pipe and no loss. A 3 inch plug was placed in the pipe collar at the surface to restrain any possible upward movement of plug. There was good circulation with new mud before the casing was set. Cementing was started at 9:30 p.m. and finished at 10:00 p.m. with cement returned to surface. Mixed weight of slurry was 15.2 lbs. per gallon.

May 20, 1959, Wednesday: Perforating program was discussed with geologists. Picked up 3 inch swab in Gallup.

May 21, 1959: Stevenson from Welex gave following perforating schedule; 880 to 888 feet, 892 to 910 feet and 132 to 940 feet. Picked up 40 gallons of mud acid from Halliburton and perforating truck was to come in Friday.

May 22, 1959, Friday: Made up swab and installed 4 inch valve on well. Bailed water from casing to 600 feet. Welex perforated as per schedule given above. See Welex Service Ticket #31128. Used 2 1/8 inch link jet charges, 4 per foot - 34 foot total, 136 perforations of .55 inch. Made one swab run from 600 feet and one swab run from 900 feet. Fluid level estimated at 700 feet and no gas. Measured fluid level at 6:30 p.m. as 282 feet. Added 40 gallons of mud acid to hole and left set over night.

May 23, 1959, Saturday: Rigged up haulback on bailer line and swabbed from 950 feet 3 runs. Average bail out 75 gallons. Fluid level at 500 feet at 12:30 p.m. Made 6 runs from the total depth with good return of mud and increase of clear hard water. Measured fluid level at 6:00 p.m. after bailing ended at 5:30 p.m. Fluid level 308 feet 6 inches.

May 24, 1959, Sunday: Made two swab runs from 600 feet, starting fluid level at 308 feet 6 inches. Finished at 306'0". Agreed to put in 950 feet of 2 3/8 inch flush joint pipe and blow hole with air. Total pipe in hole 978 feet 1 inch, with thread make up of 3 feet 3 inches, total length 974 feet 10 inches.

May 25, 1959, Monday: Sent for tubing. Purchased strong of 1 1/4 inch, standard black line pipe.

May 26, 1959, Tuesday: Made up adapters and subs for 1 1/4 inch pipe and ran for 420 feet (20 joints) in hole. Fluid level at 308 feet 6 inches. Started blowing air and expelled water at rate of 7 g.p.m. Constant displacement of 7 g.p.m. from 1:25 p.m. to 5:40 p.m. when drive shaft broke on compressor. Compressor showed 100 lbs. to start flow and steady pressure of 72 lbs. during flow operation. Sample of water (very salty) taken and left with geologist to be given to lab for analysis. Indication is that Coconino is wet. No sign of gas before or after air blowing.

May 27, 1959, Wednesday: Discussed cost of plugging and squeeze cementing as against drilling new site. Agreed on spudding in new location.

# 2  
May 28, 1959, Thursday: Pulled 420 feet of 1 1/4 inch line pipe from Well No. 1 and moved rig to Well Site No. 2. Mud pits dug and rig up to start drilling at 2:00 p.m. Drilled light powerily mudstone from 90 to 100 feet and from 160 to 165 feet. Total depth drilled in day; 240 feet.

May 29, 1959, Friday: Started at 9 a.m. Drilled to 300 feet at 11:00 p.m., 320 feet at 12:00 noon, 420 feet at 4:40 p.m. Hauled one tank of water. Picked up 12 sacks of mud from Eastern Well. Drilling limestone at 365 to 375 feet, approximately 7 feet difference than in Well No. 1. Started into massive light green siltstone at 405 feet. Some difficulty in holding hole open. Came out of hole and replaced bit at 360 feet. Total 570 feet of drilling on bit, and bearings were 40 percent worn out.

May 30, 1959, Saturday: Made up 5 sacks of mud, using 1,600 gallons of water and added 2 sacks to make circulation. Started drilling at 420 feet at 11:20 and were at 440 feet at 11:50 a.m. From 12:00 noon to 12:32, drilled 440 to 460 feet. From 12:39 to 1:18 p.m., 460 to 480 feet. Thinned mud. From 1:22 to 1:55 drilled from 480 to 500 feet. From 2:00 to 2:25 p.m. drilled from 500 to 520 feet. Thinned mud. From 2:30 to 5:20 p.m. drilled from 520 to 530 feet. Went through massive light green siltstone and set on hard shelf at 522 feet. Bit clogged with shale. Drill pulled out of hole and shut down at 6:30 p.m.

May 31, 1959, Sunday: Started in hole with new 6 3/4 inch bit. Picked up second load of water at Paulsells tank. Lightened mud and added 1,000 gallons of water. Started drilling at 10:05 a.m. Drilled from 530 to 540 from 10:05 to 10:20. From 10:40 to 11:22 drilled 540 to 560. From 11:26 to 12:00 noon drilled 560 to 580. From 12:03 to 12:35 drilled 580 to 600. From 12:40 to 1:28 drilled 600 to 620 feet. Fluid loss; 3 gallons per minute during morning's drilling and 2 gallons per minute at 1:30 in the afternoon. From 1:31 to 2:10 p.m. drilled 620 to 640. From 2:14 to 2:35 p.m. drilled 640 to 660 feet. Thinned mud and added 400 gallons of water. From 2:40 to 3:20 drilled 660 to 680 feet. From 3:24 to 4:15 drilled from 680 to 700 feet. Light show of gas at 646 to 650 feet at 2:25 p.m. The same at 678 feet. Heavy show of gas at 682 feet at 3:29 p.m. Came out of hole and changed bits. Back in hole. Picked up third load of water from tank at 5:00 p.m. Shut down at 6:15 p.m.

June 1, 1959; Monday: Drill back in hole and circulating at 7:30 a.m. with thin mud. Added 300 gallons of water. Drilled 8:03 a.m. to 9:50 and made from 700 to 720 feet. Fluid loss 2 gallons per minute. From 9:54 to 10:48 a.m. made from 720 to 740. From 10:57 to 11:46 made from 740 to 760. Fluid loss 1 gallon per minute. From 11:49 to 1:48 p.m. drilled from 760 to 780. From 2:18 to 4:25 p.m. made from 780 to 792. Came out of hole and changed bit. From 5:55 to 6:35 drilled from 792 to 800 feet. Light show of gas at 722 feet at 10:03 a.m. and light show of gas at 744 feet at 11:02 a.m. Good show of gas after starting circulation at 7:56 a.m. the next morning. Hauled water load No. 4.

June 2, 1959, Tuesday: No fluid loss noted over night. Circulated with drill on bottom at 792 feet from 8:10 a.m. to 8:22 a.m. Heavy show of gas as heavy mud returns and is thinned in pits. Five feet 8 1/2 inches difference in elevation between surface at Well No. 2 and surface at Well No. 1. Started drilling at 8:22 a.m. and drilled until 9:45 a.m., drilling from 800 to 820 feet. From 9:48 a.m. to 10:40 a.m., drilled from 820 to 840.

From 10:43 to 11:47 a.m., drilled from 840 to 860. From 11:50 to 1:05 p.m. drilled 860 to 880. From 1:08 p.m. to 2:00 p.m., drilled from 880 to 900 feet. First show of Coconino in drill cuttings at 888 feet. From 2:02 to 3:15 p.m., drilled from 900 to 920. From 3:18 to 4:15 drilled from 920 to 931. Then pulled bit. Bit teeth worn, estimated 65 percent. Water Load No. 5 taken from Paulsell's tank. At 3:00 p.m. called for Welex for 11:00 a.m. the next day to run log and placed call for cementing. Continuous show of massive light green siltstone in returns.

June 3, 1959, Wednesday: Drill placed in hole to 930 feet. Drilled out to 960 feet. Clutches worn out on table and sandline. It took double blocks to pull drill from hole. At 8:38 p.m. Welex started in with induction probe. Found bridge at 519 feet, and can not penetrate deeper than 521 feet. Continuous return of light green siltstone in drill cuttings indicates that hole is caving from depths of 325 to 600 feet. At 9:03 p.m., Welex ordered the lay over for run next day.

June 4, 1959, Thursday: Cleaned out mud pits and made up new mud with 6 sacks. Hauled water load No. 6 from Paulsell's tank. Went into hole at 960 feet at 4:30 p.m. Circulated additional mud bringing more siltstone from 300 to 600 feet out of hole.

Welex Test: Started into well at 6:51 p.m., but could not pass probe past 522 feet. Came out at 7:18 p.m. and changed probes but still could not penetrate plug at 522 feet. Went in with drill stem and bit to 600 feet and came out at 8:55 p.m. Welex went in at 9:05 p.m. and hung up at 600 feet. Shut down at 9:52 p.m.

June 5, 1959, Friday: Ran in drill pipe with 6½ inch Hawthorne bit and hit mud ring at 630 feet. Ran to 953 feet and came out with drill stem at 9:35 a.m. Welex in with induction probe at 9:45 a.m. Bottomed at 900 feet and started survey back up hole at 899 feet. Used 50 ohms as a factor. Ran normal 2 inch resistivity curve and a lateral at 1½ inches. Finished induction run and amde caliper run. Welex man gave opinion that Coconino was 85 percent saturated.

June 9, 1959, Tuesday: Mud level in No. 2 Hole at 113 feet which balanced drill pipe displacement and mud loss in pulling wet string.

STATE LAND DEPARTMENT  
STATE OF ARIZONA

Form OG 51

Form Prescribed Under Oil and Gas Conservation Act of 1951

AMENDED NOTICE OF INTENTION TO DRILL NEW WELL

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

State Land Commissioner Phoenix Ariz. Feb. 26 1959

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. 28,  
Twp. 19 N., Rge. 26 E. B. & M., \_\_\_\_\_ Field,  
Apache County.

Legal description of lease SENESEW  
(attach map or plat to scale)

Location of Well: 1650 FSL; 2310 FWL;  
(Give exact footage from section corners or other

legal subdivisions or streets)

Proposed drilling depth 1250 feet. Acres in drilling unit 640

Has surety bond been filed? yes. Is location a regular or exception to  
spacing rule? Regular.

Elevation of ground above sea level 5592 feet.

All depth measurements taken from top of  
(Derrick, floor, Rotary Table or

Kelly Bushing which is 4 feet above the ground.  
(Kelly Bushing)

PROPOSED CASING PROGRAM

Size of Casing Inches A.P.I.	Weight	Grade & Type	Top	Bottom	Cementing Depths
8 5/8	24	1 - T&C	Surface	185	Top to bottom
5 1/2	14	1 - T&C	Surface	1250	170 to bottom

Intended Zone or Zones of completion:  
Name Coconino

Perforated Interval  
None

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.

WILKINSON OIL & GAS CO.  
(Applicant)

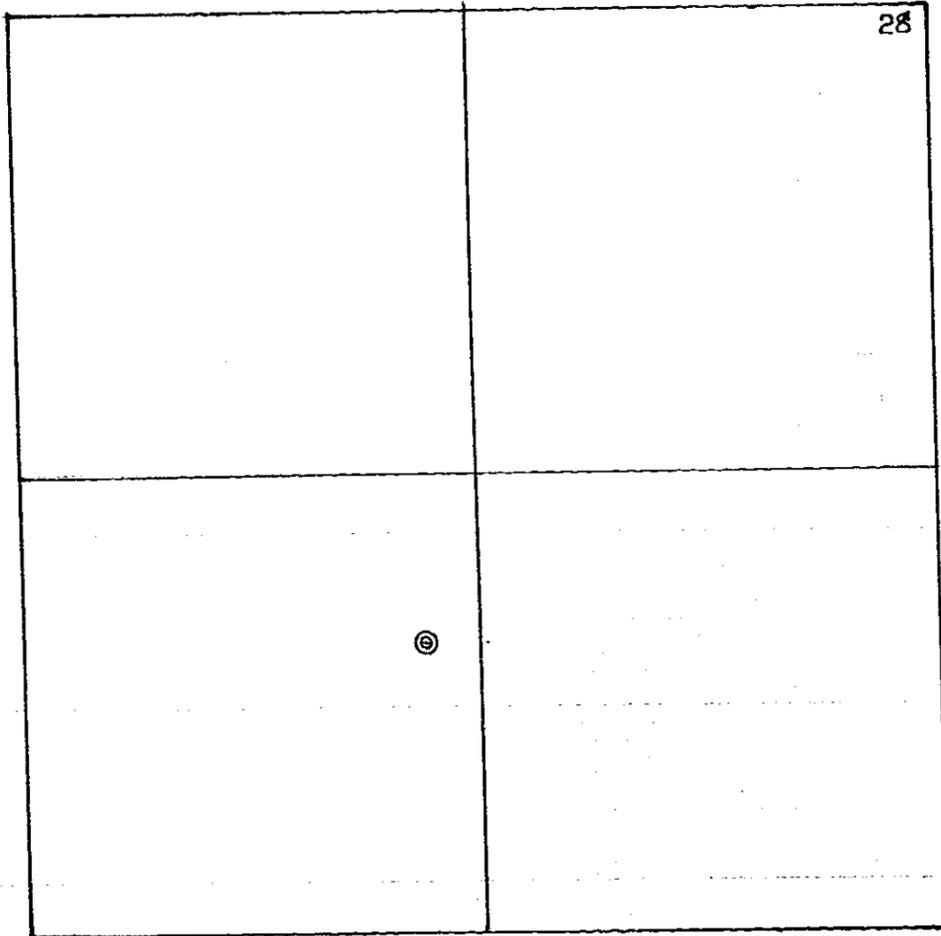
By Phil Aultman

Application approved this 24th day of April 19 59

Permit No. 68  
3-62 1/10/58

Obed M. Lassen  
State Land Commissioner

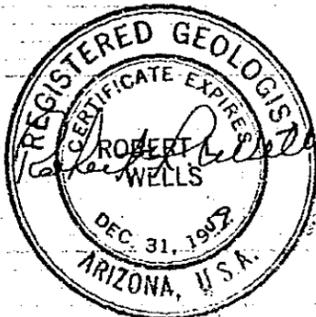
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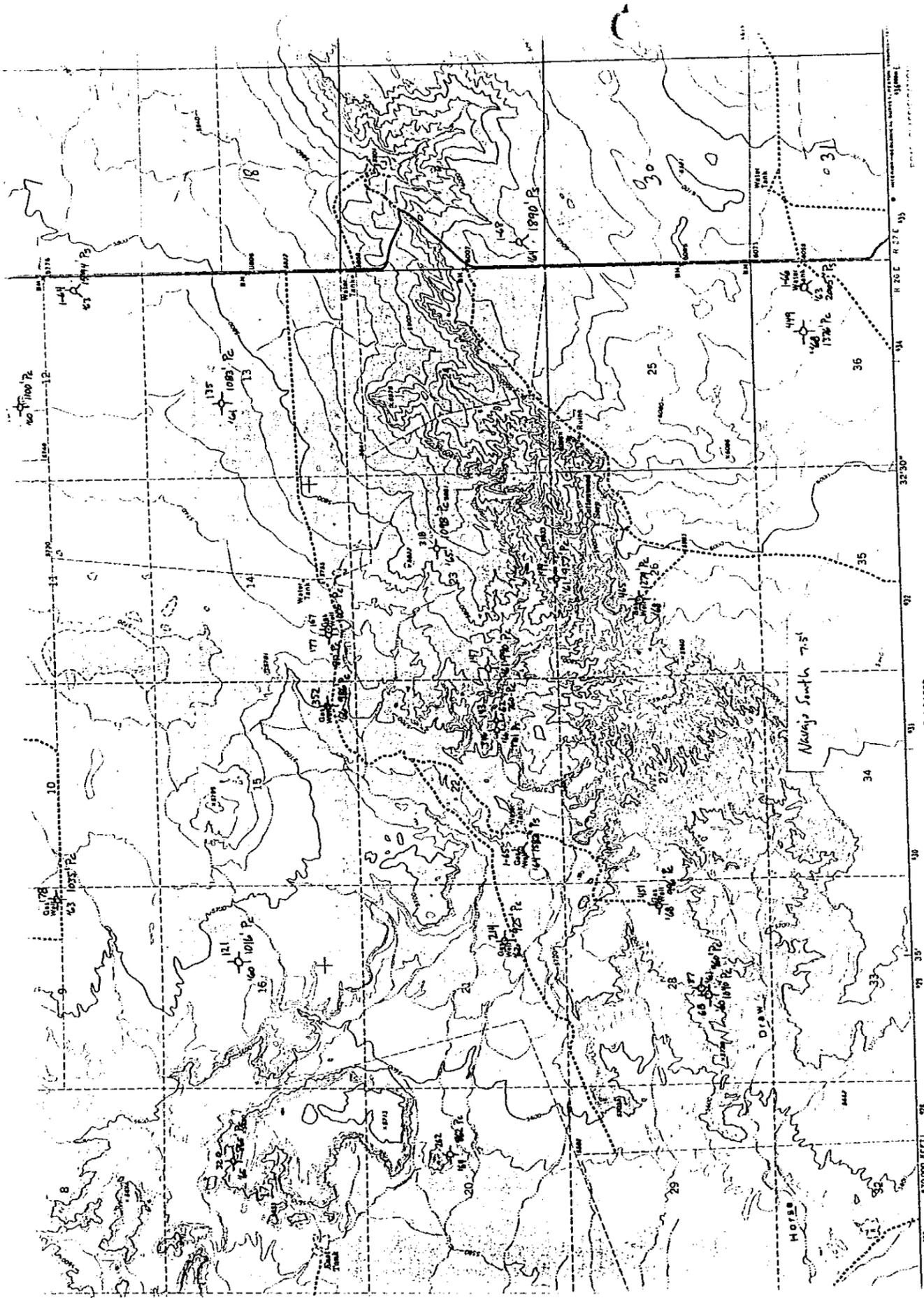


STATE LAND DEPARTMENT

MAY 20 10 15 AM 1959

• PLAT OF SECTION 28, T. 19 N., R. 26 E.,  
• SHOWING LOCATION OF WILKINSON OIL AND  
• GAS CO. WELL #1.





SCALE 1:50,000  
The Geological Survey

**POWER OF ATTORNEY**

**KNOW ALL MEN BY THESE PRESENTS:**

This Power of Attorney authorizes the execution of one instrument to which it should be attached.

That the Western Surety Company, a corporation, does hereby make, constitute and appoint each of the following officers, of Dallas, Texas, Attorney in Fact, with full power and authority conferred upon him or her to sign, execute, acknowledge and deliver for and on its behalf as Surety and its act and deed, any one bond, indemnity or undertaking, consent or agreement which this Company may be authorized to write:

M. D. FULTON, Vice President  
R. L. VAN SANDT, Assistant Secretary  
M. BAKER, Assistant Secretary

The Western Surety Company further certifies that the following is a true and correct copy of Section 7 of the By-Laws of the Western Surety Company, duly adopted and now in force, to-wit:

Section 7. "All bonds, policies, undertakings or other obligations of the corporation shall be executed in the corporate name of the Company by the Chairman of the Board, the President, Secretary, any Assistant Secretary, Treasurer, or any Vice President, or by such other officers as the Board of Directors may authorize. The Chairman of the Board, the President, any Vice President, Secretary, any Assistant Secretary, or the Treasurer may appoint Attorneys in Fact or Agents who shall have authority to issue bonds, policies, or undertakings in the name of the Company. The corporate seal is not necessary for the validity of any bonds, policies, undertakings, or other obligations of the corporation."

In Witness Whereof, the said Western Surety Company has caused these presents to be executed by its President with its corporate seal affixed this 26th day of February, 1959

WESTERN SURETY COMPANY

ATTEST

J. Hibbison  
Assistant Secretary

By Joe Kirby  
President

STATE OF SOUTH DAKOTA }  
COUNTY OF MINNEHAHA }

On this 26th day of February, 1959, before me, a Notary Public,

personally appeared Joe Kirby, President, and J. Hibbison Asst. Secy. who, being by me duly sworn, acknowledged that they signed the above Power of Attorney as President and Assistant Secretary, respectively, of the said Western Surety Company, and acknowledged said instrument to be the voluntary act and deed of said corporation.

My commission expires

2-15, 1960

M. Hatterman  
Notary Public

BOND

KNOW ALL MEN BY THESE PRESENTS,

Bond No. 991848-59

That we: WILKINSON OIL AND GAS COMPANY

of the County of: MARICOPA in the State of ARIZONA

as Principal, and WESTERN SURETY COMPANY

of SIOUX FALLS, SOUTH DAKOTA  
Authorized to do business within the State of Arizona,

as surety, are held and firmly bound unto the State of Arizona in the penal sum as indicated, lawful money of the United States, for which payment, well and truly to be made, we bind ourselves, and each of us, and each of our heirs, executors, administrators or successors, and assigns jointly and severally, firmly by these presents.

The condition of this obligation is that whereas the above bounden principal proposes to drill a well or wells for oil, gas or stratigraphic purposes in and upon the following described land situated within the State to wit:

(as RIDER te

It is agreed by WESTERN SURETY COMPANY that the location of drilling covered by this bond is changed to:

The Northeast 1/4 of the Southwest 1/4 of Section 28, Township 19 North, Range 26 East, Apache County, Arizona

The attached bond shall be subject to all its terms, agreements, limitations and conditions except as herein expressly modified.

This Rider shall be effective on and after the 27th day of April, 19 59, at twelve and one minute o'clock A. M., standard time.

Attached to and forming part of bond No. 981848-59, dated February 27, 1959, issued by the WESTERN SURETY COMPANY OF SIOUX FALLS, SOUTH DAKOTA, to Wilkinson Oil & Gas Company of Phoenix, Arizona

*Joe Kirby*  
President

Countersigned at Dallas, Texas this 27th day of April, 19 59

*M Baker*  
M. BAKER, ASST. SECRETARY Authorized Representative

128-12-57

My Commission Expires

103-C-11-56

*Betty Harris*  
Notary Public



NOW, THEREFORE, if the above bounden principal shall comply with all of the provisions of the laws of this State and the rules, regulations and orders of the State Land Commissioner, especially with reference to the requirements of A.R.S. 27-516, providing for the proper drilling, casing and plugging of said well or wells, and filing with the State Land Commissioner all notices and records required by said Commissioner, in the event said well or wells do not produce oil or gas in commercial quantities, or case to produce oil or gas in commercial quantities, then this obligation is void; otherwise, the same shall be and remain in full force and effect.

Penal sum of TWO THOUSAND FIVE HUNDRED DOLLARS

Witness our hands and seals, this 26TH day of FEBRUARY, 1959

*Western Surety Co.*

STATE OF TEXAS }  
County of Dallas } ss.

On this 26th day of February, 19 59 before me, a Notary Public in and

M BAKER, Ass't. Secretary

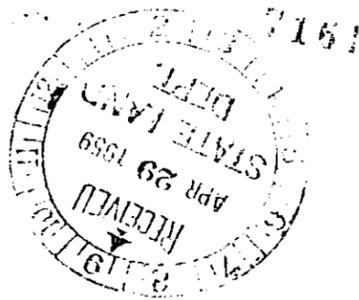
for said County, personally appeared \_\_\_\_\_ personally known to me, who being by me duly sworn, did say that he is the aforesaid officer of the WESTERN SURETY COMPANY, a corporation duly organized and existing under the laws of the State of South Dakota, that the seal affixed to the foregoing instrument is the corporate seal of said corporation, that the said instrument was signed, sealed and executed in behalf of said corporation by authority of its Board of Directors, and further acknowledge that the said instrument and the execution thereof to be the voluntary act and deed of said corporation.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my official seal at Dallas, Texas, the day and year last above written.

My commission expires \_\_\_\_\_

, 19 \_\_\_\_\_

*Betty Harris*  
Notary Public



NOW, THEREFORE, if the above bounden principal shall comply with all of the provisions of the laws of this State and the rules, regulations and orders of the State Land Commissioner, especially with reference to the requirements of A.R.S. 27-516, providing for the proper drilling, casing and plugging of said well or wells, and filing with the State Land Commissioner all notices and records required by said Commissioner, in the event said well or wells do not produce oil or gas in commercial quantities, or case to produce oil or gas in commercial quantities, then this obligation is void; otherwise, the same shall be and remain in full force and effect.

Penal sum of TWO THOUSAND FIVE HUNDRED DOLLARS

Witness our hands and seals, this 26TH day of FEBRUARY, 1959

*Antigonish Oil & Gas Co.*

Principal

our hands and seals, this 26TH day of FEBRUARY, 1959

**WESTERN SURETY COMPANY**

By: *M. Baker*  
M. BAKER, ASS'T. SECRETARY Surety

(the principal is a corporation, the bond should be executed by its duly authorized officers, with the seal of the corporation affixed. When principal surety executes this bond by agent, power of attorney or other evidence of authority must accompany the bond.)

proved April 24, 1959  
Date

*Obed M. Lassen*  
STATE LAND COMMISSIONER

1959 APR 27 AM 11:39

**TURNER AND ASSOCIATES**

CONSULTING  
WATER AND MINING GEOLOGISTS  
AND GEOPHYSICISTS  
350 EAST CAMELBACK ROAD  
CRESTWOOD 4-2262  
PHOENIX, ARIZONA

SAMUEL F. TURNER  
REGISTERED GEOLOGIST  
REGISTERED ENGINEER

ROBERT L. WELLS  
REGISTERED GEOLOGIST

February 11, 1960

Oil and Gas Conservation Commission  
State of Arizona  
3500 North Central Ave. - Suite 312  
Phoenix, Arizona

ATTENTION: Mr. William F. Maule

Dear Mr. Maule:

Enclosed you will find two copies each of our application to abandon and plug Wilkinson Oil and Gas Company Well No. 1 and a copy of the plugging record on the same well. I would appreciate your issuing the required clearance on the bond on this well as the date of the policy was February 27, 1959 and it will expire on the 27th of this month. Mr. Earle C. Woodland, Jr., 1401 East Camelback Road, is the local agent for the Western Surety Company and made the bond.

Thanking you for your cooperation,

Very truly yours,

*Samuel F. Turner*  
Samuel F. Turner

SFT/cn

Copy to: Mr. Earle C. Woodland, Jr.



68

May 15, 1959

Wilkinson Oil & Gas Company  
444 W. Camelback Road  
Phoenix, Arizona

Attention: Phil Wilkinson

Dear Mr. Wilkinson:

I am writing to acquaint you with the program for the collection of sample cuttings from wells drilled in Arizona and to request your cooperation in helping us carry out this program.

The overall policy of collecting and preserving sample cuttings is a joint program between the Arizona State Land Department, the U. S. Geological Survey Ground Water Branch, the Arizona Bureau of Mines, and the Museum of Northern Arizona.

Inasmuch as your particular concern is the drilling of an gas test well, I will confine my discussion to the phase of the program directly bearing on your operation.

Under the law it is mandatory that samples of cuttings and core chips taken at all intervals from all oil and gas test wells, as well as logs and other pertinent data, be filed with the State Land Commissioner within six months after the well is completed or abandoned.

The sample cuttings from all oil and gas test wells in Arizona are collected and cut to supply either two or three complete sets of samples, depending on the location of the well. All test wells in the northern part of the State (Plateau Uplands) are cut to make three complete sets: One set for the loan library at the State Land Department, Phoenix, Arizona; one set for the permanent library at the Arizona Bureau of Mines, University of Arizona, Tucson, Arizona; and one set for the Research Center, Museum of Northern Arizona, Flagstaff, Arizona. All wells drilled in the southern part of the State (Basin and Range Lowlands) are cut to make two complete sets: One set for the State Land Department and one set for the Arizona Bureau of Mines.

Mr. Phil Wilkinson  
May 15, 1959  
Page 2

Inasmuch as your well is located in the northern part of the State, a large enough sample of cuttings will be needed to make three complete sets.

Arrangements for handling the samples should be made directly through me or the State Land Department.

We sincerely appreciate your cooperation in this matter. If we can serve you in any way, please feel free to call on us.

Very truly yours,

Phillip W. Johnson,  
Geologist

PWJ:mb

May 14, 1959

Mr. Royall transferred call from Engdahl to MB. Mr. Engdahl wanted to know the date of the lease bond and date of receipt of the \$2500 and receipt number. I questioned him if they were going ahead with the assignment of the bond payment from Sunland to Wilkinson and he said they were. He talked to Mr. Royall about it. Rcyall was in accord.

5/13/59

Mr. James C. Engdahl in office today and asked if there would be any objection if and when the time came to direct the payment of the \$2500 cash bond by Sunland on file here, to Phil Wilkinson in form of an assignment.

In other words, the Sunland people would like to have their money from Wilkinson, and according to Mr. Engdahl, Wilkinson was going to pay them.

He also asked if Mr. Fletcher was in and did he understand the whole agreement ~~with~~ with reference to the items specified on the cash bond. I told him that Mr. Fletcher was in with Mr. Fulton and Mr. Ruppelius when Mr. Lassen spoke to Mr. Platt on the phone and that the final upshot was that Mr. Lassen had given his ok on the drilling of the well.

With reference to the above question, I told him that I did not have the authority to answer the question, and that he would have to see Mr. Ryan or probably Mr. Royall.

mb

May 8, 1959

Conversation between Harry Ruppelius & MB.

Paulsell well satisfied with our bond and agreements. Spurlock also, but Earl Platt was not. Mr. Platt wanted to be sure the money was here. Spurlock was going to talk to Earl Platt again today, and if Mr. Platt was STILL not satisfied, it was suggested that Earl Platt call Mr. Lassen today.

Mr. Ruppelius wanted us to clue in Mr. Lassen.

May 8, 1959

O. M. Lassen called Earl Platt and said that he will not be part and parcel of a side agreement effective between Sunland and/or Wilkinson with Mr. Spurlock on Section 28, particularly because the agreement calls for indemnification at the rate of \$1.00 a rod for road and \$350.00 for the well site, which the Land Commissioner is illegal. (State reserves this right)

Mr. Platt is talking this afternoon to Mr. Spurlock to the effect that the State's bond will adequately cover Mr. Spurlock's - this protection augmented by verbal agreements existing between officers of the Sunland Corporation and/or Wilkinson with Mr. Spurlock. Mr. Lassen will write a letter to Earl Platt confirming his oral statement that the Land Commissioner will see to it that Mr. Spurlock's and Mr. Paulsell's state lease interests are protected.

||  
Later Mr. Lassen said that Wilkinson could go ahead and drill and that the State Land Commissioner had authorized Wilkinson to continue drilling.



THE WESTERN CASUALTY AND SURETY COMPANY  
THE WESTERN FIRE INSURANCE COMPANY

**Earle C. Woodland, Jr., General Insurance**

1401 B East Camelback Road P. O. Box 10235

Phone: AMhears 6-9311

PHOENIX, ARIZONA

April 28, 1959

State Land Department  
Capitol Annex office Building  
Phoenix, Arizona

Attention: Mr. Ryan

Re: Wilkinson Oil and Gas Company  
Bond No. 991848-59

Dear Mr. Ryan:

Please find enclosed the Rider which you requested  
be attached to the above captioned Bond in regard  
to the location of the drilling of an oil well.

We trust you will find this Rider in order and  
to your satisfaction.

Very truly yours,

*Earle C. Woodland, Jr.* *dc.*  
Earle C. Woodland, Jr.

dc  
Enc. 1



7161



4/24/59

Phil Wilkinson in office and  
filed amended intent, changing  
Section from 32 to 28.

Certified plat forthcoming.

copy of lease bond

20 7500 4/24/59 Yancy  
Dorothy ~~Fletcher~~

**YE** 7-92.79

Harf ac. & Indem.

Carl. Ins.

Bob Fletcher

Indemnify  
for unknown

PO 96  
Glendale

68



THE WESTERN CASUALTY AND SURETY COMPANY  
THE WESTERN FIRE INSURANCE COMPANY

### Earle C. Woodland, Jr., General Insurance

1401 B East Camelback Road P. O. Box 10235  
Phone: AMhearst 6-9311  
PHOENIX, ARIZONA

April 24, 1959

State Land Department  
Capitol Annex Office Building  
Phoenix, Arizona

Attention: Mr. Ryan

Re: Wilkinson Oil and Gas Company  
Bond No. 991848-59

Dear Mr. Ryan:

In response to your request by telephone this afternoon we have ordered the Endorsement from Western Surety Co. naming the following described location on the above captioned bond:

The Northeast  $\frac{1}{4}$  of the Southwest  $\frac{1}{4}$  of Section 28, Township 19 North, Range 26 East, Apache County, Arizona.

The original of the Endorsement will be mailed to your office as soon as it is received.

Very truly yours,

*Earle C. Woodland, Jr.*  
Earle C. Woodland, Jr.

*Rice filed on Arizona bond 4/29/59 changing location from Sec 32 to Sec. 28.*



6946



Conversation between Phil Wilkinson & MB - 4/23/59

Asked what was holding the intent and I told him that it was all in order pending Mr. Lassen's signature and that he (Wilkinson) had requested that we hold up on the intent until matters had been straightened out between Spurlock, Paulsell and Sunland with regard to the lease bond.

He wanted to change the section from 32 to 28 and I told him either a new intent should be filed - or this one amended - or possibly initialed.

Said he had an appointment with Mr. Platt on April 28th.

I recalled my conversation with him on the 15th (see file) and asked if Paulsell had agreed to the roadway and he told me "yes". He also told me that the change of the section would be okay.

When I told him about your request for a copy of the lease bond and asked if the state sections were to be included, he said he didn't understand what you meant. I told him then he should talk to you tomorrow.

MARYLAND CASUALTY COMPANY

WILLIAM T. HARPER, CHAIRMAN OF THE BOARD AND PRESIDENT

PHOENIX OFFICE

RAYMOND S. HALLISEY, RESIDENT MANAGER  
P. O. Box 7006 Indian School Station  
111 W. Osborn Road PHOENIX, ARIZONA  
Telephone—Crestwood 7-4711

April 16, 1959

*To File*

Mr. Frederick C. Ryan  
Supervisor, Oil & Gas Conservation  
State of Arizona  
Phoenix, Arizona

Re: Ingress & Egress of Oil and  
Gas Lessees

Dear Mr. Ryan,

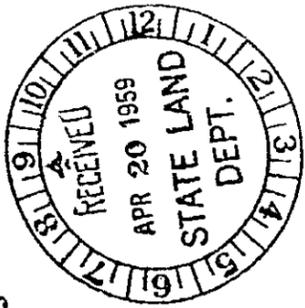
Just a note to advise that our request for  
bond forms and rates to cover this situation has  
been referred to the Surety Association for  
action.

I will keep you advised.

Yours very truly,

*Durand R. Eaton*  
Durand R. Eaton  
Bond Manager

DRE/meh



6448



Conversation between Phil Wilkinson & MB at counter 4/15/59

Sunland sent check Thursday, April 9th in the amount of \$10,091.65 to Judge Ferguson at Holbrook. Was completed and sent to St. Johns for filing - this gives Sunland more leverage. Ruppelius, Fulton and Wilkinson are going to talk to Paulsell - Sunland has leased Sections 19, 29 and 31. Will try to make an agreement with Paulsell about the roadway.

3/6/59:

Chas. W. Freesh, Geologist for the Wilkinson operation in office and asked if you were back from your trip and if any progress had been made.

I told him that you left late yesterday and were due back in the office Monday. He agreed to come back then.

He asked about the township plat also.

