

DRUM & GABRIELSON 14-15  
NW 14-5N-3E MARICOPA CO. 14

M-d





P N 14

WELL LOG

FIELD: Cave Creek Area  
OPERATOR: Landrum & Gabrielson Trust  
ADDRESS: 756 S. Broadway, Los Angeles, California  
% Lee W. Landrum, Atty.  
LEASE: State of Arizona; WELL No. L&G 14-1; COUNTY: Maricopa.  
LOCATION: The NW $\frac{1}{4}$  of Sec. 14, T. 5-N, R. 3-E, well site being  
1950' East from the NW corner of the section, then  
550' due South to the hole.  
TOTAL DEPTH: 1136 ft.  
TYPE OF WELL: Dry

---

1' to 218' - Boulders, sandy clay, coarse gravel.  
200' to 575' - Conglomerate, with showings of caliche.  
Soft and hard spots.  
575' to 1136' - Conglomerate, showing some blue clay.  
Very hard.

WELL LOG

FIELD: Cave Creek Area

OPERATOR: Landrum & Gabrielson Trust

ADDRESS: 756 S. Broadway, Los Angeles, California,  
c/o Lee W. Landrum, Atty.

LEASE: State of Arizona; WELL No. L&G 14-1; COUNTY: Maricopa.

LOCATION: The NW $\frac{1}{4}$  of Sec. 14, R3E, T5N, well site being  
1950' East from the NW corner of the section, then  
550' due South to the hole.  
4 - see location plat

TOTAL DEPTH: 1136 ft.

TYPE OF WELL: Dry.

- 
- 1' to 218' - Boulders, sandy clay, coarse gravel.  
200' to 575' - Conglomerate, with showings of caliche.  
soft and hard spots.  
575' to 1136' - Conglomerate, showing some blue clay.  
Very hard.



WELL LOG

FIELD: Cave Creek Area  
OPERATOR: Lamson & Gabrielson Trust  
ADDRESS: 738 S. Broadway, Los Angeles, California  
c/o Lee W. Lamson, Atty.  
LEASE: State of Arizona; Well No. 1&G 14-1; COUNTY: Maricopa.  
LOCATION: The NW 1/4 of Sec. 14, R2E, T3N, well site being  
1930' East from the NW corner of the section, then  
830' due South to the hole.  
TOTAL DEPTH: 1133 ft.  
TYPE OF WELL: Dry.

- 
- 1' to 218' - Boulders, sandy clay, coarse gravel.
  - 200' to 275' - Conglomerate, with showings of calcite.  
soft and hard spots.
  - 275' to 1133' - Conglomerate, showing some blue clay.  
Very hard.



STATE LAND DEPARTMENT

STATE OF ARIZONA

Form O&G 56

Form Prescribed Under Oil and Gas Conservation Act of 1951

ABANDONMENT AND PLUGGING RECORD

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

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

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

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

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

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

Operator Landrum & Gabrielson Trustees Field Cave Creek Area  
Pool -0-  
County Maricopa

Address all correspondence concerning this form to: Lee W. Landrum, Atty.  
Street: 756 S. Broadway City Los Angeles State Calif.

Lease Name State of Ariz. Well No. I&G 14-Sec. 14 Twp. 5N Rge. 3E

Date well was plugged On or about Feb. 17, 19 53

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

Set out method used in plugging well and record of casing pulled: 16 inch casing set to 73 feet; 12 1/2 inch casing set from surface to 204 ft., and cemented from 204 feet to surface.

Hole was pumped full of heavy drilling mud. Allowed to settle down to 30 feet from surface. Ready mixed cement then was poured in hole to plug it to the surface.

STATE OF California (AFFIDAVIT) Landrum Gabrielson Trustees  
COUNTY OF Los Angeles By Thomas L. Park, F.E. & Geo  
(Operator)

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

Subscribed and sworn to before me this the 24 day of Jan, 19 53

My commission expires: April 22, 1957

Lee W. Landrum  
Notary Public in and for California State



STATE LAND DEPARTMENT  
STATE OF ARIZONA

Form O&G 55

Form Prescribed Under Oil and Gas Conservation Act 1951  
APPLICATION TO ABANDON, PLUG, DEEPEN, SIDETRACK OR PERFORATE

(After Well Has Once Been Completed)

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

FIELD: Cave Creek Area  
OPERATOR: Landrum & Gabrielsen Trust ADDRESS 756 S. Broadway, Los Angeles 14 Calif.  
LEASE: State of Ariz WELL NO. L & G 14-1 COUNTY Maricopa  
SURVEY: SECTION 14 DRILLING PERMIT NO.: 14 12/19/52  
LOCATION: The N.W. 1/4 of Section 14 T.S. 5N, R. 3 East.  
Well site is 1450' East from the N.W. corner of the Section  
Then 550' due south to the hole  
TYPE OF WELL: 4 Dry TOTAL DEPTH 1136 feet  
see location plat (Oil, Gas or Dry Hole)

ALLOWABLE (If Assigned) \_\_\_\_\_  
LAST PRODUCTION TEST: OIL \_\_\_\_\_ (Bbls.) WATER \_\_\_\_\_ (Bbls.)  
GAS \_\_\_\_\_ (M.C.F.) DATE OF TEST \_\_\_\_\_

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

1. COMPLETE CASING RECORD:

16 inch casing set to 73 feet.  
12 3/4" set from surface to 204 feet &  
cemented from 204 to the surface

2. FULL DETAILS OF PROPOSED PLAN OF WORK:

Hole was pumped full of heavy drilling  
mud. I then settled down to 30 feet  
from surface. Ready mixed cement then  
was poured in hole to plug it to the surface

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

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

DATE COMMENCING OPERATIONS: Dec. 29, 1952 past  
NAME OF PARTY DOING WORK: Landrum & Gabrielsen Trust ADDRESS \_\_\_\_\_  
CORRESPONDENCE SHOULD BE SENT TO: 756 S. Broadway, Los Angeles 14  
Calif.  
% Lee W. Landrum.

NAME: Thomas L. Peak  
TITLE: Engineer & Geologist

APPROVED: 25th DAY OF March 1953.

DENIED: \_\_\_\_\_ DAY OF \_\_\_\_\_ 19\_\_\_\_.

STATE LAND COMMISSIONER

BY: Jane R. Bunge

7

COPY

STATE LAND DEPARTMENT  
STATE OF ARIZONA

Form OG 51

Form Prescribed Under Oil and Gas Conservation Act of 1951

NOTICE OF INTENTION TO DRILL NEW WELL

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

Phoenix Ariz. Dec. 19 19 52

State Land Commissioner

In compliance with Statewide Rule 3, notice is hereby given that it is our  
intention to commence the work of drilling well No. L.G. 14-1 Sec. 14,  
T. 5 N., R. 3 E., S. & G. B. & M., Cave Creek Field,  
Maricopa County,

Legal description of lease Well to be in the SE corner of the NW 1/4 of the NE 1/4  
(Attach map or plat to scale)  
of the NW 1/4 of Section 14 T.S. 5N. Range 3 East.

Location of Well: 1950 feet East from the N. Corner then  
(Give exact footage from section corners or other  
540 feet due south from the N. Line of Sec. 14.

Proposed drilling depth \_\_\_\_\_ feet. Acres in drilling unit 40. Has  
surety bond been filed? No. Is location a regular or exception to  
spacing rule? Regular.

Elevation of ground above sea level 1630 feet.

All depth measurements taken from top of Ground  
(Perrick, floor, Rotary Table or Kelly  
which is \_\_\_\_\_ feet above the ground.  
Bushing)

PROPOSED CASING PROGRAM

Size of Casing	Inches A.P.I.	Weight	Grade and Type	Top	Bottom	Cementing Depths
12"		34 lbs.	steel	surface	200'	Pump Cement
through shoe on bottom until it comes to surface, Outside hole to be 14 or 16 inches.						

Intended Zone or Zones of completion:  
Name No knowledge yet. Perforated Interval

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.

(signed) Lee W. Landrum, Trustee

(Applicant)

(signed) Theodore R. Gabrielson, Trustee

Application approved this 6th day of January 19 53

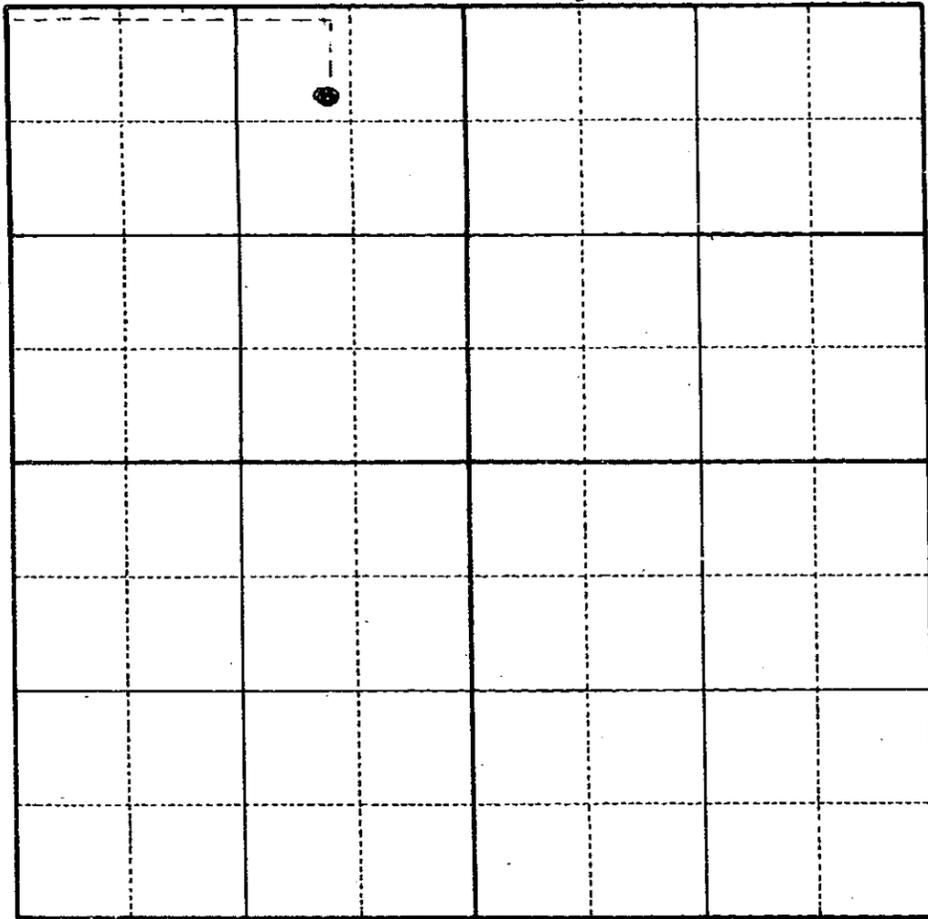
Permit NO. 14

(signed) W. W. Lane  
State Land Commissioner

14

5

SEC. 14 T. 5-N. R. 3-E



SCALE 1" = 1000'

ABSTRACTED \_\_\_\_\_ AREA Cave Creek

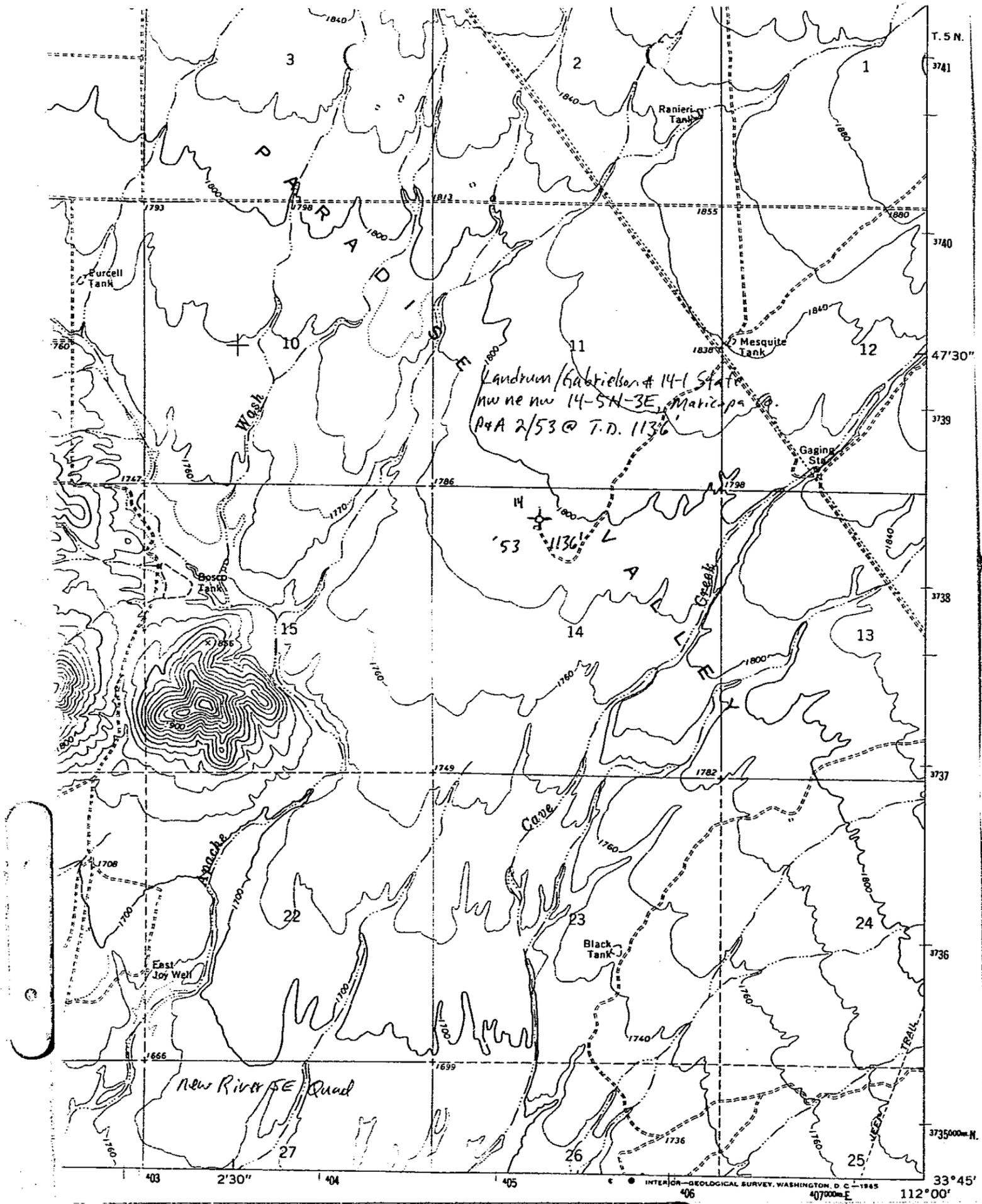
PLAT OF SURVEY FILED \_\_\_\_\_

*Well location*

*1950 feet East from the N. Cor. monument  
 then 540 feet south to location  
 Surface Elevation 1630 feet at hole site*

*Permit No 14*

FORM 991



INTERIOR GEOLOGICAL SURVEY, WASHINGTON, D. C. - 1965  
 407000m.E



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 19, 1996

Ms. Peggy Brown  
Dwight's EnergyData, Inc.  
4350 Will Rogers Parkway, Suite 101  
Oklahoma City, OK 73108

Dear Peggy:

I got your request for enhanced information about the Landrum/Gabrielson well in nw ne nw 14, T. 5 N., R. 3 E. I don't have any well with a TD of 1105' but I have an old Superior Oil scout ticket with that depth in essentially the same location as the Landrum/Gabrielson well; but the many similarities between the well on the Superior Oil scout ticket and the Landrum/Gabrielson well permitted by the State of Arizona in 1953 leads me to believe that the Superior Oil scout ticket reports the Landrum/Gabrielson well but is in variance with respect to the operator, total depth, casing size, and elevation; probably due to the nature of scouting.

Your printout notes information from Shell Oil scouting. I don't have that information in either my well or scout card files, but it seems to report the Landrum/Gabrielson well with the same degree of variance as the Superior Oil scout report. As a result, I'm inclined to go with the data supplied to the State by the operator, however cryptic. Even the elevation supplied by the operator is at variance to modern topographic mapping (see attached New River SE topo map).

Like I've said before, information on early wells is quite cryptic at times. Its up to us to sort out the details and decide. Hopefully my comments above and on the attached scout cards, topo map, Landrum's 8/4/53 letter, and your printout will be helpful in this regard. Let me know.

Sincerely,

Steven L. Rauzi  
Oil & Gas Program Administrator

Enclosures



location plat shows 540'

5N	3E	14	N7 NE NW	Ar Mar	W	53	1
OPERATOR		WELL NO. & NAME		ELEVATION	TOTAL DEPTH	WELL PROD.	WELL CD.
Landrum*		1 State		1650	1146		1
LOCATION DESCRIPTION		SURFACE CASING		CASING	PLUG BACK	REFERENCE CODE	
530'S, 1950'E		4			3		
PERFORATED INTERVALS		GRAVITY		CUT	CHOKE	PROD. FAL.	
LC	FM	TOP	S	FM	TOP	S	FM
1							
2							
3							
4							
5							
6							
7							
8							
9							
0							

\* Landrum & Gabrielson Trust  
Cave Creek Area. "Drilled to pre-Cambrian"

KEY: (C) WELL CLASS: W - FIELD, D - DEEPENING, S - STRAT, D - DEEPENING, E - FEDERAL, F - RECOMPLETION, I - INJECTION, R - REPAIR, 1 - D & A, 2 - ROFD-FLOW, 3 - ROFD-PUMP, 4 - R. COND. PD., 5 - ROFD, 6 - ROFD-SWABED, 7 - SUSPENDED, 8 - ROFD-SWABED, 9 - ROFD-SWABED, O - OIL, G - GAS, S - SAND, W - WATER

driller reports 1136' U.S.G.S. rpt of 1146' does not max 1146' correct. 1/11 50 writes driller rpt of 1136'

Plot on New River SE 7.5' topo map is ± 1795'

These Scout tickets note essentially same (1) location, (2) elevation, (3) P+A date, (4) etc. I, therefore, believe they record the same well and that Superior's information on operator is in error. SUR/1-19-96

MAHICOPA, ARIZONA

Operator: P. J. Sures error.

Well: Government No. 1

Loc: Sec. 14 Twp. 51 Rge. 33

Coord. Area 22 rd N/Phoenix

Csg. Size	Depth	Cement	On File
10 3/4	(206)	100SX	S.L. E.L. W.L.
	only 2' different than Landrum well		Spud 1/2/53 Comp/Abd 2/15/53 T.D. 1105 Elev. 1640 G KB I.P. D & A
Por. Hor.			
Por. Hor.			
Geological Tops	Scout	Samp.	E. Log

Superior Scout Ticket

Plugging record for Landrum & Gabrielson well notes P+A on or about 2/17/53

error: see comments above

Dwights Well Data System - Drilling History 14-5N-3E

Copyright 1995 Original Drill nw ne nw

=====  
 State : ARIZONA GS Merid ID# R-991010-0 Issued: 01/01/78  
 County: MARICOPA Oper: LANDRUM GABRIELSON  
 Field : WILDCAT P&A: 02/20/53 WD DRY  
 =====

Well: STATE #14-1 Last Info: 06/20/91  
 Ftg: 540 s 1950 e of NW Cor  
 Obj: Permit: API 02-013-05034 <sup>yes</sup>  
 Prod well: Lease: Elev: 1640 GR  
 =====

Spud: 12/29/52 <sup>probably</sup> Contr: BURNS & CHADWICK  
 TD: ~~1105~~ <sup>error - see</sup> <sub>comments below</sub> PB: <sup>Prob. Error - see</sup> <sub>attached letter & topo map</sub>

\*\* Shell Oil Data \*\*

~~Casing: 9 5/8 cmt dia @ 161 rw / 150~~ ??

~~Journal: 02/11/53 430 Drilg 02/18/53 1105 TD: Idle orders 02/25/53 Used 24  
 bits in hard dolomite.~~

Steve,

Thank you for the information on the State #14-1. I thought I had two wells that may be the same but the items that I highlighted were not in the well file you sent. Do there another well with this depth? <sup>119-96</sup> No well in my database has a TD of 1105. However, an old

Superior Oil Scout ticket lists a well with this T.D. but I believe it is, in fact, the same well as the Landrum/Gabrielson well. They have essentially the same location, same drilling date, same elevation, and same p+ a date. Where Superior got "Curst" (?) as operator is anybody's guess. - see my letter attached. *Steve*



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

December 1, 1995

Ms. Elizabeth Coffman  
Dwight's EnergyData, Inc.  
4350 Will Rogers Parkway, Suite 101  
Oklahoma City, OK 73108

Dear Elizabeth:

The information you requested from our files 9-3, 13-1, 6, 14, 156, 372, 883, and 884 is enclosed. The Ridgeway wells (883 and 884) are still in confidential status. I can say, however, that the 3-1 (884) was drilled about 4 miles south of the Ridgeway/Canstar #1 Plateau Cattle ((880) which was also reported as a CO<sub>2</sub> discovery. Ridgeway has not yet proposed a name for this apparent CO<sub>2</sub> field.

As I have noted before, information in some of the earlier well files is sometimes quite meager.

Let me know if I may be of further assistance.

Sincerely,

Steven L. Rauzi  
Oil & Gas Program Administrator

Enclosures





June 11, 1991

Mr. Steve Rauzi  
Oil & Gas Conservation Commission  
5150 N. 16th St., Ste. B141  
Phoenix, AZ 85016

Dear Steve,

I have sent a research request for a well on which we are lacking information on the location of the well. If you could copy this wellfile at your convenience and send it in the self addressed stamped envelope I have provided and send an invoice for the cost of the copies, it would be deeply appreciated.

If there are any questions, or if we can ever be of service to you, please feel free to contact me at our toll-free number 1-800-341-4677.

Sincerely,

Denise Condos  
Rocky Mountain Region Coordinator

Enclosure

3



COMPANY'S HOME OFFICE BUILDING  
100 BROADWAY, NEW YORK.

# American Surety Company

OF NEW YORK

ORGANIZED 1884.

STATE OF ARIZONA

STATE LAND DEPARTMENT

BOND FOR DRILLING OIL OR GAS WELL

State of Arizona )  
County of Maricopa )

KNOW ALL MEN BY THESE PRESENTS:

That we, LEE W. LANDRUM AND THEODORE R. GABRIELSON, TRUSTEES, hereinafter called Principal, and AMERICAN SURETY COMPANY OF NEW YORK, hereinafter called the Surety, are held and firmly bound unto the State of Arizona in the sum of TEN THOUSAND AND NO/100 DOLLARS (\$10,000.00) for the payment of which the Principal and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

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

Now, therefore, the condition of the foregoing obligation is such that if the Principal shall drill, case and plug all wells drilled by said Principal in such manner as to prevent the escape of oil or gas from one stratum to another and to prevent the intrusion

State of California,  
COUNTY OF LOS ANGELES

} ss.:

On This 18th day of February, A. D. 1953, before me,

GRACE NICHOLSON a Notary Public in and for Los Angeles

County, State of California, residing therein, duly commissioned and sworn, personally appeared A. E. Krull personally known

to me to be the Resident Vice-President and I. Taylor personally known to me to be the Resident Assistant Secretary of the AMERICAN SURETY COMPANY OF NEW YORK, the Corporation described in and that executed the within instrument, and known to me to be the persons who executed the within instrument on behalf of the Corporation therein named, and acknowledged to me that such Corporation executed the same.

In Witness Whereof, I have hereunto set my hand and affixed my official seal the day and year in this Certificate first above written.

*Grace Nicholson*  
Notary Public in and for the County of Los Angeles, State of California.

My Commission expires

JAN 15 '57

2M 6 52

14

32 x 44



COMPANY'S HOME OFFICE BUILDING  
100 BROADWAY, NEW YORK.

# American Surety Company

OF NEW YORK

ORGANIZED 1884.

STATE OF ARIZONA

STATE LAND DEPARTMENT

BOND FOR DRILLING OIL OR GAS WELL

State of Arizona )  
                          )  
County of Maricopa )

KNOW ALL MEN BY THESE PRESENTS:

That we, LEE W. LANDRUM AND THEODORE R. GABRIELSON, TRUSTEES, hereinafter called Principal, and AMERICAN SURETY COMPANY OF NEW YORK, hereinafter called the Surety, are held and firmly bound unto the State of Arizona in the sum of TEN THOUSAND AND NO/100 DOLLARS (\$10,000.00) for the payment of which the Principal and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

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

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

Witness our hands and seals this 18th day of February, 1953.

*Lee W. Landrum, Trustee*  
*Theodore R. Gabrielson, Trustee*

COUNTERSIGNED:

By *Arnold Clark*  
Agent at Phoenix, Arizona

AMERICAN SURETY COMPANY OF NEW YORK

By *A.E. Krull*  
Resident Vice President

Attest: *J. Taylor*  
Resident Assistant Secretary

14  
Sum charged for this bond is \$ 100.00 per annum.

18-530-440

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

State of Arizona )  
 County of Maricopa )

KNOW ALL MEN BY THESE PRESENTS:

That we, LEE W. LANDRUM AND THEODORE R. GABRIELSON, TRUSTEES  
 hereinafter called Principal, and AMERICAN SURETY COMPANY OF NEW YORK  
 hereinafter called the Surety, are held and firmly bound unto the State of Arizona  
 in the sum of Ten Thousand Dollars (\$10,000) for the payment of which the Principal  
 and Surety bind themselves, their heirs, executors, administrators, successors and  
 assigns, jointly and severally, firmly by these presents.

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

STATE OF CALIFORNIA  
 COUNTY OF }  
 Los Angeles } ss.

On December 23, 1952  
 before me, the undersigned, a Notary Public in  
 and for said County and State, personally appeared  
Lee W. Landrum, Trustee  
and Theodore R. Gabrielson,  
Trustee

known to me to be Trustees of the Trust of the  
Principal that executed the within instrument, and ac-  
 knowledged to me that such they executed the same.  
 WITNESS my hand and official seal.

(Seal) Mark F. Joseph  
 Notary Public in and for said County and State.

Agent at Phoenix, Arizona

if the foregoing obligation is such that if  
 all wells drilled by said Principal in  
 oil or gas from one stratum to another and  
 oil or gas stratum from a separate  
 fresh water supplies by oil, gas or salt  
 ste, and shall make reports to the  
 oil and gas wells drilled by said  
 filling records kept by said Principal  
 the completion or abandonment of any well  
 dry or abandoned well in the manner  
 opted by said Commissioner, then this  
 to be and remain in full force and effect.

as 23rd day of December, 1952.

Lee W. Landrum, Trustee  
Theodore R. Gabrielson, Trustee  
 Principal

AMERICAN SURETY COMPANY OF NEW YORK

**CANCELLED**

State of California, }  
 COUNTY OF LOS ANGELES } ss.:

On This 23rd day of December A. D. 1952, before me,  
 MARGARET WILSON a Notary Public in and for Los Angeles  
 County, State of California, residing therein, duly commissioned and sworn, personally  
 appeared A. E. Krull personally known

to me to be the Resident Vice-President and I. Taylor personally  
 known to me to be the Resident Assistant Secretary of the AMERICAN SURETY  
 COMPANY OF NEW YORK, the Corporation described in and that executed the within  
 instrument, and known to me to be the persons who executed the within instrument on  
 behalf of the Corporation therein named, and acknowledged to me that such Corporation  
 executed the same.

In Witness Whereof, I have hereunto set my hand and affixed my official seal  
 the day and year in this Certificate first above written.

Margaret Wilson  
 Notary Public in and for the County of Los Angeles, State of California.

My Commission expires  
 My Commission Expires Dec. 6, 1955

2M 6 52

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

State of Arizona )  
                          )  
County of Maricopa )

KNOW ALL MEN BY THESE PRESENTS:

That we, LEE W. LANDRUM AND THEODORE R. GABRIELSON, TRUSTEES

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

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

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

Witness our hands and seals this 23rd day of December, 1952.

Lee W. Landrum, Trustee  
Theodore R. Gabrielson, Trustee  
Principal

COUNTERSIGNED

By [Signature]  
Agent at Phoenix, Arizona

AMERICAN SURETY COMPANY OF NEW YORK

By [Signature] A. E. Krull  
Resident Vice President

Attest: [Signature] T. Taylor  
Resident Assistant Secretary

Premium charged for this bond is \$ 100.00 per annum.

18-523-98 8

proved this \_\_\_\_\_ day of \_\_\_\_\_, 1952.

\_\_\_\_\_  
State Land Commissioner

**CANCELLED**

PERMIT #14

September 24, 1939

14

Mr. Lee W. Landrum  
756 S. Broadway  
Los Angeles 14, California

Dear Mr. Landrum:

We are enclosing herewith completed copies for your files of our forms O&G 55 and 56 covering the Landrum-Gabrielson-State #1, in Section 14, Township 5N., Range 3 E., Maricopa County and our form O&G 55 covering the Landrum-Gabrielson-Salyer in Section 7, Township 5N., Range 4 E., Maricopa County. Form O&G 56 was not necessary on the latter well, due to the fact that this well was accepted as a water well by Mr. Walter E. Salyer of Cavecreek, Arizona.

We are also enclosing a copy of our letter to the American Surety Company of Los Angeles releasing the two bonds in connection with the drilling of these wells.

Very truly yours,

James R. Burger,  
Deputy State Land Commissioner  
State Land Department

JRBmb  
Encl.

September 14, 1953

Mr. A. E. Krull  
Superintendent of Surety Bonds  
American Surety Company  
510 South Spring Street  
Los Angeles 13, California

Dear Mr. Krull:

Re: 18-530-440 & 18-523-968

The bonds in the amount of \$10,000.00 each were issued on December 23, 1952 and on February 18, 1953 respectively to cover wells for drilling of oil and gas in the State of Arizona by the Landrum-Gabrielsen-State #1, in Section 14, Township 5N., Range 3 E., Maricopa County, and by the Landrum-Gabrielsen-Salyer in Section 7, Township 5N., Range 4 E., Maricopa County, as principal, and the American Surety Company as surety. These bonds were conditioned upon the drilling, casing and plugging of all oil and gas wells drilled to prevent the escape of oil or gas from one stratum to another, to prevent intrusion of water into an oil or gas stratum from a separate stratum, to prevent the pollution of fresh water supplies by oil, gas or salt water and to prevent waste.

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

The records of the Department indicate that with respect to the wells drilled by the above mentioned individuals that all requirements as contained in said Oil and Gas Conservation Law of Arizona and the Rules and Regulations of the State Land Department, have been met and complied with and therefore, the bonds heretofore described may be terminated.

Very truly yours,

James R. Berger,  
Deputy State Land Commissioner,  
State Land Department

JRB:sh  
cc - Lee W. Landrum



August 7, 1953

Mr. Lee W. Landrum  
756 S. Broadway  
Los Angeles, 14, California

Dear Mr. Landrum:

We are in receipt of a letter from Mr. P. W. Johnson, geologist, in which he states that the samples of the two walls, Landrum-Gabrielsen - State 14-1 and Landrum-Gabrielsen-Galyer, have been received by him and are now at Tucson, Arizona. 14

In regard to the logs on the two above mentioned walls, Mr. Johnson has informed this office that no logs have been received by him.

In order to expedite matters relating to the release of the bond, we suggest that you contact Mr. Park and have him send the logs on these two walls, as well as sign the necessary papers that we sent you along with our letter of August 5th, 1953.

Very truly yours,

James R. Burger,  
Deputy State Land Commissioner,  
State Land Department

JRB:mb



OFFICE OF  
**State Land Department**  
 STATE OF ARIZONA  
 Phoenix, Arizona

W. W. LANE  
 STATE LAND COMMISSIONER

August 6, 1953

Mrs. Muriel Bates  
 State Land Department  
 State Land Office Building  
 Phoenix, Arizona

Dear Muriel:

In answer to your letter of August 5 pertaining to the samples and logs of the Landrum-Gabrielson wells, you will recall that Mr. Park brought into the office a batch of samples and two jars containing what he called a "composite" sample from each of the wells. To my knowledge, he did not give us any logs of the wells. Unless you have received them since, we do not have them for I have not received anything here in Tucson. 14

I do not think we have received their forms on the plugging or abandonment of either of the wells, and unless you have them now, I would suggest that we do not release their bond. As far as the samples are concerned, I don't think that under the law we can hold them for further samples, even though I believe (as you will recall I stated at the time) that the samples we did get were something they had made up over-night and are not a real sampling of the wells. As far as I am concerned, whatever Mr. Burger wants to do concerning the releasing of the bond is all right with me. It just sort of burns me up to let people get away with operating as they did without having to do something to make them realize we have a law and it means something.

Regards.

Sincerely yours,

Phillip W. Johnson  
 Geologist

PWJ/vs

ARIZONA STATE LAND DEPARTMENT		
Noted by	To	Date



August 5, 1953

Mr. Lee W. Landrum  
756 S. Broadway  
Los Angeles 14, California

Dear Mr. Landrum:

Reference is made to your letter of August 4th regarding the necessary forms needed for completion for our files.

We are enclosing for your convenience, a copy of our form O&G 55 in connection with the well located on Section 14, T. 5N., R. 1E., for Mr. Park to sign and return to this office. We are also sending you duplicate copies of our Form O&G 56 which must be filled out, signed before a notary public and returned to this office.

In regard to the well located on Section 7, T. 5N., R. 1E., we have duplicate copies of our Form O&G 55 and as this well has been accepted by Mr. Walter F. Salyer as a water well and that Mr. Salyer has agreed to assume any liability as a property owner, it will not be necessary for you to file form O&G 56 on this particular well.

We would like to state that the samples mentioned in our letter of July 22nd, that there were some samples delivered to Mr. Johnson, our geologist, and were taken by him to Tucson for analysis. We are writing to him in order to determine if the samples received by him were on both wells. We do not have any record in this office as to whether a log of any kind was delivered to him. As soon as we hear from him regarding this matter we will be glad to inform you.

Very truly yours,

James E. Burger,  
Deputy State Land Commissioner  
State Land Department

JEB:mb  
Encl.



were made.

If you will be good enough to forward to me the one copy of the Application to Abandon, Form No. 55, referred to in (c) above, and make a search for the well cuttings and logs, and the report referred to in (b) above, letting me know what to do in the event you fail to find them, I will appreciate it, and do all I can to comply with your wishes in the matter.

Yours very truly,

*Lee W. Landrum*  
Lee W. Landrum

14

F.W. LAFRENTZ  
Chairman of the Board



A.F. LAFRENTZ  
President

*American Surety Company*  
*of New York*

LOS ANGELES BRANCH OFFICE - 1002 SECURITY BUILDING  
510 SOUTH SPRING STREET - TELEPHONE MUTUAL 1171

Los Angeles 13, California

July 23, 1953

Re: 18-523-988 Lee W. Landrum and Theodore R.  
Gabrielson -to- State of Arizona

Arizona State Land Commissioner  
Capital Building  
Phoenix, Arizona

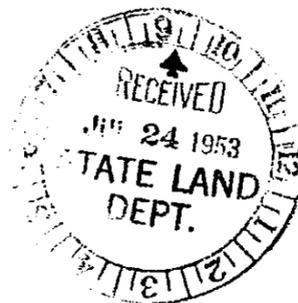
Dear Sir:

We will appreciate your kindness in replying to our  
letter of June 25th, a copy of which is hereto attached.

Very truly yours,

  
A. E. Krull  
Supt. of Surety Bonds

AEK:ecp



F.W. LAFRENTZ  
Chairman of the Board



C O P Y

A.F. LAFRENTZ  
President

*American Surety Company*  
*of New York*

LOS ANGELES BRANCH OFFICE • 1008 SECURITY BUILDING  
510 SO. SPRING STREET • TELEPHONE MUTUAL 1171

*Los Angeles 13, Calif.*

July 23, 1953

Re: 18-523-988 Lee W. Landrum and Theodore R.  
Gabrielson -to- State of Arizona

Arizona State Land Commissioner  
Capital Building  
Phoenix, Arizona

Dear Sir:

Effective December 23, 1952, this company executed an oil and gas drilling bond on behalf of Lee W. Landrum and Theodore R. Gabrielson, Trustees, in favor of the State of Arizona in the amount of \$10,000.00.

This transaction is described as Well No. L. G. 14-1, Sec. 14, T. 5 N., R. 3-E, S & G B & M., Cave Creek Field, Maricopa County.

Our principals have informed us that this well was abandoned. If your records show that the well was abandoned and the necessary papers filed in your office, will you please advise us if it is in order for our company to cancel its records in connection with that bond?

Very truly yours,

A. E. Krull  
Supt. of Surety Bonds

AEK:ecp



F.W. LAFRENTZ  
Chairman of the Board



COPY

A.F. LAFRENTZ  
President

*American Surety Company*  
*of New York*

LOS ANGELES BRANCH OFFICE • 1002 SECURITY BUILDING  
510 SO. SPRING STREET • TELEPHONE MUTUAL 1171

*Los Angeles 13, Calif.*

July 23, 1953

Re: 18-523-988 Lee W. Landrum and Theodore R.  
Gabrielson -to- State of Arizona

Arizona State Land Commissioner  
Capital Building  
Phoenix, Arizona

Dear Sir:

Effective December 23, 1952, this company executed an oil and gas drilling bond on behalf of Lee W. Landrum and Theodore R. Gabrielson, Trustees, in favor of the State of Arizona in the amount of \$10,000.00.

This transaction is described as Well No. L. G. 14-1, Sec. 14, T. 5 N., R. 3-E, S & G B & M., Cave Creek Field, Maricopa County.

Our principals have informed us that this well was abandoned. If your records show that the well was abandoned and the necessary papers filed in your office, will you please advise us if it is in order for our company to cancel its records in connection with that bond?

Very truly yours,

A. E. Krull  
Supt. of Surety Bonds

AEK:ecp



July 22, 1953

Mr. Lee W. Landrum  
756 S. Broadway  
Los Angeles 14, California

Dear Mr. Landrum:

The enclosed copy of our letter to the American Surety Company speaks for itself. We gave Mr. T. L. Park duplicate copies of all the forms required by this Department to fill out and return to this office. In all probability some were lost, therefore we are enclosing additional forms to be filled out and returned to this office for completion.

As to the matter of samples and other data, I would appreciate your efforts to secure them for us also.

Thank you very much.

Very truly yours,

Phillip W. Johnson, Geologist  
State Land Department

PWJ:mb  
Encl.

July 22, 1953

Mr. A. E. Krall,  
Superintendent of Surety Bonds  
American Surety Company  
510 South Spring Street  
Los Angeles, 13, California

Dear Mr. Krall

Re: 18-530-448 & 18-523-988

In regard to your letter of June 25th, concerning the release of the bond covering the two wells, Landrum-Gabrielson-State No. 14-1, Section 14, T. 5N., R. 3E., Maricopa County, and Landrum-Gabrielson-Salyer, #1, Section 7, 5N., R. 4E., Maricopa County, Arizona, our records show that the affidavit in conjunction with the Abandonment and Plugging Record for the well located on Section 7, T. 5N., R. 4E. was returned to us unsigned and was not notarized. A duplicate copy of this record should have also been returned to this office.

With respect to the well located on Section 14, T. 5N., R. 3E., this office has only received one copy of the Application to Abandon, Form No. 55, of which we must have a duplicate copy. Also, we have not received duplicate copies of the Abandonment and Plugging Record, Form No. 56, which must be signed by the operator and duly notarized.

State regulations also specify that a complete set of cuttings and cores, well logs, electric or otherwise, are to be turned over to the State Land Department. This provision was not satisfactorily complied with in either of these two wells.

Until such time as we have received these forms properly completed and other data, we can not release the bond.

Very truly yours,

Phillip W. Johnson, Geologist,  
State Land Department

PWJ:mh  
cc - Lee W. Landrum

A. F. LAFFRENTE  
President



*American Surety Company*  
*of New York*

LOS ANGELES BRANCH OFFICE - 1002 SECURITY BUILDING  
510 SOUTH SPRING STREET - TELEPHONE MUTUAL 1171

Los Angeles 13, California  
June 25, 1953

Re: 18-530-440 Lee W. Landrum and Theodore R.  
Gabrielson -to- State of Arizona

Arizona State Land Commissioner  
Capital Building  
Phoenix, Arizona

Dear Sir:

Effective February 18, 1953, this company executed  
an oil and gas drilling bond in the amount of \$10,000.00  
on behalf of Lee W. Landrum and Theodore R. Gabrielson  
in favor of the State of Arizona.

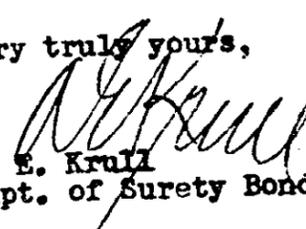
This transaction is described as follows:

Salzer - Sec. 7-1-D, T. 5 N., R. 4 E.,  
Salt River and Gila Meridian,  
Maricopa County, Arizona.

Our principals have informed us that this well was aban-  
doned.

If your records show this to be the case, will you  
please authorize our company to cancel its records in  
connection with this bond?

Very truly yours,

  
A. E. Krull  
Supt. of Surety Bonds

AEK:ecp

CASUALTY INSURANCE • FIDELITY AND SURETY BONDS

F. W. LAFRENTZ  
Chairman of the Board

A. P. LAFRENTZ  
President



*American Surety Company*  
*of New York*

LOS ANGELES BRANCH OFFICE - 1002 SECURITY BUILDING  
510 SOUTH SPRING STREET - TELEPHONE MUTUAL 1171

Los Angeles 13, California  
June 25, 1953

Re: 18-523-988 Lee W. Landrum and Theodore R.  
Gabrielson -to- State of Arizona

Arizona State Land Commissioner  
Capital Building  
Phoenix, Arizona

Dear Sir:

Effective December 23, 1952, this company executed an oil and gas drilling bond on behalf of Lee W. Landrum and Theodore R. Gabrielson, Trustees, in favor of the State of Arizona in the amount of \$10,000.00.

This transaction is described as Well No. L. G. 14-1, Sec. 14, T. 5 N., R. 3-E, S & G. B. & M., Cave Creek Field, Maricopa County.

Our principals have informed us that this well was abandoned. If your records show that the well was abandoned and the necessary papers filed in your office, will you please advise us if it is in order for our company to cancel its records in connection with that bond?

Very truly yours,

  
A. E. Krull  
Supt. of Surety Bonds

AEK:ecp

C 1379

March 25, 1953

Landrum & Gabrielson  
756 S. Broadway  
Los Angeles 14, California

Gentlemen:

We are enclosing herewith application to plug well in the NW<sup>1</sup>/<sub>4</sub> Section 14, T. 5N, R. 3E, which has been approved. We are returning the plugging record for completion of the affidavit which must be signed, having the signature acknowledged by a Notary.

With respect to the other well in Section 7, T. 5N, R. 4E, no approval can be granted on the application to abandon until acceptance by the owner of the land, and the assumption of liability on his part is received by this office. We are therefore withholding taking any action as we understand a statement of assumption and liability is being submitted. When it is, we will grant approval. If not, a complete plugging program will be necessary under the Conservation Law.

Yours very truly

James R. Barger  
Deputy State Land Commissioner

JRB/as  
ccs