

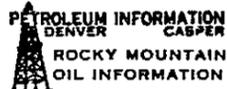
Eli Oil & Gas Dev. 1 Santa Fe  
NE/4-NE/4 Sec 9-19N-27E 185  
Apache, County

P-W





185  
ARIZONA  
APACHE CO.  
PINTA DOME AREA (W)



Twp 19n-27e  
Section 9  
ne ne  
258 s/n 349 w/e

OPR: Eli Oil & Gas Development

WELL #: 1 Santa Fe

ELEV: ~~5874~~ 5878 GL  
TOPS: Log-Samples

Chinle 932  
Shinarump 1001  
Moenkopi 1053  
Coconino 1183

DSTS. & CORES:  
DST 920-970, 16 hrs, no  
rec, FP 15-32#, SIP 65#,  
HP 530#. Crd 1012-27,  
rec 9 cong; 6 sd. Crd  
1105-18, rec 13 sd. Crd  
1147-56½, rec 9½ sh.

Crd 1193-99, rec 6 sd,  
10% poro, wet, perm.  
Crd 1199-1207, rec 7½ sd;  
½ sh.

SPUD: 5-14-62

TD: 1207

CSG:

PERF:

PROD. ZONE:

INIT. PROD: D & A

COMPL: 6-8-62

PB:

Contr: W. T. Myers

A3-267211

**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: Eli Oil & Gas Development Co. Address: 516 West Kaler Drive Phoenix, Ariz.  
 Federal, State or Indian Lease Number or name of lessor if fee lease: Santa Fe. Pacific Railroad Co. Well Number: SANTE Fe. # 1 Field & Reservoir: Navajo Springs  
 Location: NE/4-NE/4-9-T19N-R27E County: Apache  
 Sec. TWP-Range or Block & Survey:

Date spudded: June 11, 1962 Date total depth reached: 1208 Ft. Date completed, ready to produce: 5870x Elevation (DF, RKB, RT or Gr.) feet: 5870 Elevation of casing hd. flange feet:  
 Total depth: 1208 Ft. 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 the way Cable tools used (Interval):  
 Was this well directionally drilled? Was directional survey made? yes Was copy of directional survey filed? No Date filed:  
 Type of electrical or other logs run (check logs filed with the commission): Electrical Log Date filed: July, 1962

CASING RECORD

Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled
	<u>5 1/2"</u>	<u>5 1/2" Surface only</u>				

TUBING RECORD				LINER RECORD			
Size in.	Depth set ft.	Packer set at ft.	Size in.	Top ft.	Bottom ft.	Sacks cement	Screen (ft.)
<u>None</u>							

PERFORATION RECORD			ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD		
Number per ft.	Size & type	Depth Interval	Amt. & kind of material used	Depth Interval	
	<u>None</u>		<u>None</u>		

INITIAL PRODUCTION

Date of first production: None Producing method (indicate if flowing, gas lift or pumping--If pumping, show size & type of pump:): None  
 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'd rate of Production per 24 hrs.: Oil bbls.: Gas MCF: Water bbls.: Gas-oil ratio:

Disposition of gas (state whether vented, used for fuel or sold):  
Plugging report was furnished dated July 12, 1962

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the President of the Eli Oil & Gas Development 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.

Date: July 21, 1965

Signature: E. J. Packwood



Permit No. 185

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



APPLICATION TO ABANDON AND PLUG

FIELD Wildcat  
OPERATOR ELI Oil & Gas Development Company ADDRESS 3550 N. Central Ave, Phoenix  
LEASE ELI Oil & Gas Dev. Co. WELL NO. Santa Fe #1 COUNTY APACHE  
SURVEY T19N R27E SECTION 9 DRILLING PERMIT NO. 185  
LOCATION 349' from east line and 250' from north line

TYPE OF WELL Dry Hole TOTAL DEPTH 1208'  
(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

2. FULL DETAILS OF PROPOSED PLAN OF WORK We plan to place a 20' cement plug at the surface, a 50' cement plug at 1000' and a 100' cement plug at 1100' with heavy mud laden fluid between these cement plugs. Location will be marked with a 4" pipe extending 4' above the surface with a welded sign giving data of completion.

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 June 11, 1962  
NAME OF PERSON DOING WORK W.T. Meyers Drilling ADDRESS Navajo, Arizona  
CORRESPONDENCE SHOULD BE SENT TO ELI Oil & Gas Development Co., Phoenix

NAME Lee M. Jackson  
TITLE Secretary-Treasurer

Date Approved 6-10-62

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

**APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK**

APPLICATION TO DRILL  DEEPEN  PLUG BACK

NAME OF COMPANY OR OPERATOR

DATE April 16, 1962

ELI Oil & Gas Development Company Phoenix, Arizona  
 Address City State  
 Suite 420 Guaranty Bank Building, 3550 North Central Ave

DESCRIPTION OF WELL AND LEASE

Name of lease ELI Oil & Gas Development Co.	Well number Santa Fe #1	Elevation (ground) 5870
Well location (give footage from section lines) Section—township—range or block & survey 349' from east line and 258' from north line of Section 9 19N 27E		
Field & reservoir (If wildcat, so state) Wildcat	County Apache	

Distance, in miles, and direction from nearest town or post office  
Six miles southeast of Navajo, Arizona

Nearest distance from proposed location to property or lease line: 258 feet	Distance from proposed location to nearest drilling, completed or applied—for well on the same lease: no other well feet
--	---

Proposed depth: Estimated 1430' to Supai	Rotary or cable tools Rotary	Approx. date work will start May 12, 1962
--	---------------------------------	--

Number of acres in lease: 1908.94	Number of wells on lease, including this well, completed in or drilling to this reservoir: one
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If lease, purchased with one or more wells drilled, from whom purchased:	Name	Address
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Status of bond  
Applied for

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)

**Permit granted subject to public hearing**

\* Fill in Proposed Casing Program on other side

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the President of the ELI Oil & Gas Development 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.

April 16, 1962  
Date

*E. J. Packwood*  
Signature

Permit Number: 185  
 Approval Date: May 4, 1962  
 Approved By: *[Signature]*  
 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 OIL & GAS CONSERVATION COMMISSION**  
 Application to Drill, Deepen or Plug Back  
 Form No. P-1 File two copies  
 Authorized by Order No. \_\_\_\_\_  
 Effective \_\_\_\_\_ 1962

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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
4 1/2"	9.5#	J 55			Circulate to surface	125

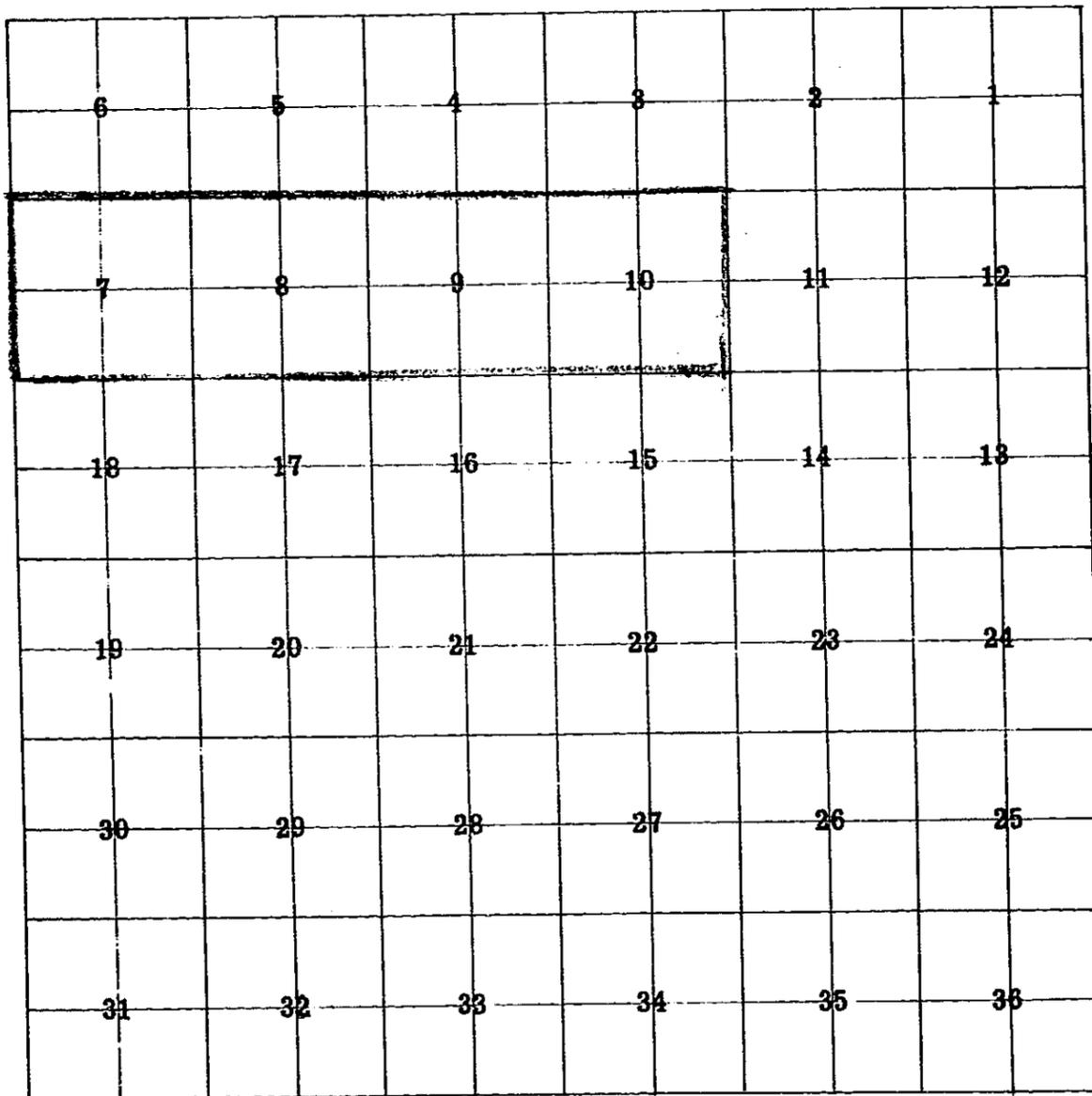
**WE WILL PROTECT ALL FRESH WATER STRATA.**

Township  
**PLAT**

Lease area enclosed with red pencil

R 27 E

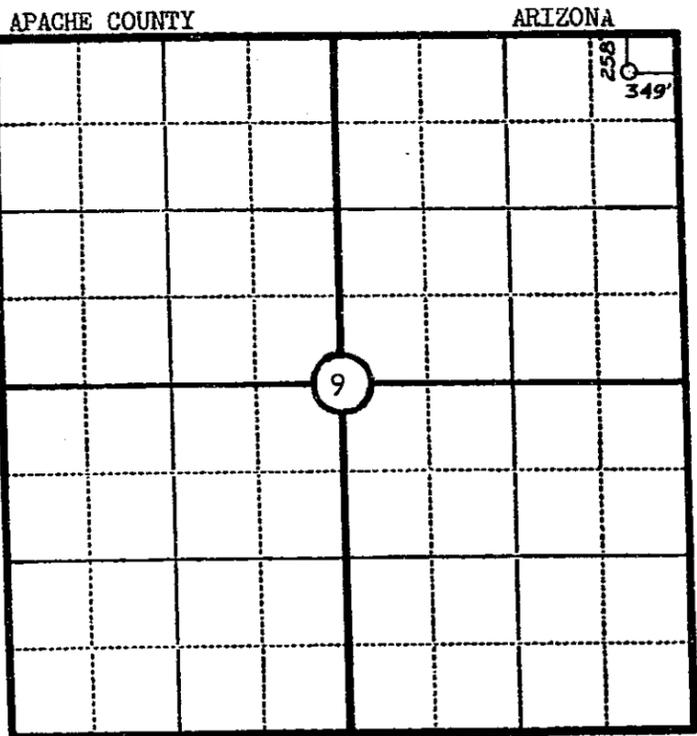
T 19 N



Form furnished through the courtesy of  
**ARIZONA TITLE GUARANTEE & TRUST COMPANY**  
124-126 North First Avenue - Phoenix, Arizona

185

Company ELI OIL AND GAS COMPANY  
Lease..... Well No.....  
Sec. 9, T. 19 N., R. 27 E., G. & S.R.M.  
Location 258' FROM THE NORTH LINE AND 349' FROM  
THE EAST LINE.  
Elevation 5870.4 UNGRADED GROUND.



Scale—4 inches equal 1 mile.

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Seal:

*James P. Leese*  
Registered Land Surveyor.

James P. Leese  
Arizona Reg. No. 1849

Surveyed 10 April, 19 62

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.



KNOW ALL MEN BY THESE PRESENTS

BOND SERIAL NO. 3176533

That we: ELI OIL & GAS DEVELOPMENT CO., INC.

of the County of: MARICOPA in the State of: ARIZONA

as principal, and HARTFORD ACCIDENT & INDEMNITY CO.,

of CONN.  
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 conditions 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:

31.9 feet from West from the East line and 258 feet South of the  
(May be used as blanket bond or for single well)  
North line, Section 9, Twp. 19N, Range 27E, Apache County,  
Arizona

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 Oil and Gas Conservation Commission, 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 Oil & Gas Conservation Commission all notices and records required by said Commission, in the event said well or wells do not produce oil or gas in commercial quantities, or cease 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 --- TWENTY-FIVE HUNDRED AND NO/100 ---

Witness our hands and seals, this 3rd day of MAY, 1962

**CANCELLED**

Eli Oil & Gas Development Co.

E. J. Packwood, President  
Principal

DATE 10-16-62 Witness our hands and seals, this 3rd day of MAY, 1962

HARTFORD ACCIDENT & INDEMNITY CO.,

Stanley Jancy  
Atty-in-fact Surety

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

Approved \_\_\_\_\_ Date \_\_\_\_\_

STATE OF ARIZONA  
OIL AND GAS CONSERVATION COMMISSION

185  
10-16-62

# Hartford Accident and Indemnity Company

HARTFORD, CONNECTICUT

## POWER OF ATTORNEY

Know all men by these Presents, That the HARTFORD ACCIDENT AND INDEMNITY COMPANY, a corporation duly organized under the laws of the State of Connecticut, and having its principal office in the City of Hartford, County of Hartford, State of Connecticut, does hereby make, constitute and appoint

**DOROTHY YANCY, of GLENDALE, ARIZONA,**

its true and lawful Attorney(s)-in-fact, with full power and authority to each of said Attorney(s)-in-fact, in their separate capacity if more than one is named above, to sign, execute and acknowledge any and all bonds and undertakings and other writings obligatory in the nature thereof on behalf of the company in its business of guaranteeing the fidelity of persons holding places of public or private trust; guaranteeing the performance of contracts other than insurance policies; guaranteeing the performance of insurance contracts where surety bonds are accepted by states and municipalities, and executing or guaranteeing bonds and undertakings required or permitted in all actions or proceedings or by law allowed.

in penalties not exceeding the sum of TWO HUNDRED FIFTY THOUSAND DOLLARS (\$250,000.00) each,

and to bind the HARTFORD ACCIDENT AND INDEMNITY COMPANY thereby as fully and to the same extent as if such bonds and undertakings and other writings obligatory in the nature thereof were signed by an Executive Officer of the HARTFORD ACCIDENT AND INDEMNITY COMPANY and sealed and attested by one other of such officers, and hereby ratifies and confirms all that its said Attorney(s)-in-fact may do in pursuance hereof.

This power of attorney is granted under and by authority of the following By-Law adopted by the Stockholders of the HARTFORD ACCIDENT AND INDEMNITY COMPANY at a meeting duly called and held on the 10th day of February, 1943.

### ARTICLE IV

SECTION 8. The President or any Vice-President, acting with any Secretary or Assistant Secretary, shall have power and authority to appoint, for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, one or more Resident Vice-Presidents, Resident Assistant Secretaries and Attorneys-in-fact and at any time to remove any such Resident Vice-President, Resident Assistant Secretary, or Attorney-in-fact, and revoke the power and authority given to him.

SECTION 11. Attorneys-in-fact shall have power and authority, subject to the terms and limitations of the power of attorney issued to them, to execute and deliver on behalf of the Company and to attach the seal of the Company thereto any and all bonds and undertakings, and other writings obligatory in the nature thereof, and any such instrument executed by any such Attorney-in-fact shall be as binding upon the Company as if signed by an Executive Officer and sealed and attested by one other of such Officers.

This power of attorney is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Directors of the HARTFORD ACCIDENT AND INDEMNITY COMPANY at a meeting duly called and held on the 13th day of March, 1956.

RESOLVED, that, whereas the President or any Vice-President, acting with any Secretary or Assistant Secretary, has the power and authority to appoint by a power of attorney, for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, one or more Resident Vice-Presidents, Assistant Secretaries and Attorneys-in-fact;

Now therefore the signatures of such officers and the seal of the Company may be affixed to any such power of attorney or to any certificate relating thereto by facsimile, and any such power of attorney or certificate bearing such facsimile signatures or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by facsimile signatures and facsimile seal shall be valid and binding upon the Company in the future with respect to any bond or undertaking to which it is attached.

In Witness Whereof, the HARTFORD ACCIDENT AND INDEMNITY COMPANY has caused these presents to be signed by its Vice-President, and its corporate seal to be hereto affixed, duly attested by its Secretary, this 2nd day of April, 1962.

Attest:

*Clara Dowd*  
Secretary

HARTFORD ACCIDENT AND INDEMNITY COMPANY



*Wm. H. Wallace*  
Vice-President

STATE OF CONNECTICUT, }  
COUNTY OF HARTFORD, } ss.

On this 2nd day of April, A. D. 1962, before me personally came Wm. H. Wallace, to me known, who being by me duly sworn, did depose and say: that he resides in the County of Hartford, State of Connecticut; that he is the Vice-President of the HARTFORD ACCIDENT AND INDEMNITY COMPANY, the corporation described in and which executed the above instrument; that he knows the seal of the said corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said corporation and that he signed his name thereto by like order.

STATE OF CONNECTICUT, }  
COUNTY OF HARTFORD, } ss.



*Robert P. Rhoads*  
Notary Public  
My commission expires March 31, 1967

### CERTIFICATE

I, the undersigned, Assistant Secretary of the HARTFORD ACCIDENT AND INDEMNITY COMPANY, a Connecticut Corporation, DO HEREBY CERTIFY that the foregoing and attached POWER OF ATTORNEY remains in full force and has not been revoked; and furthermore, that Article IV, Sections 8 and 11, of the By-Laws of the Company, and the Resolution of the Board of Directors, set forth in the Power of Attorney, is now in force.

signed and sealed at the City of Hartford. Dated the 3rd day of May 19 62



*W.K. Boyer Jr.*  
Assistant Secretary

516 West Kaler Drive  
Phoenix, Arizona 85021  
July 21, 1965

Mr. John Bannister, Executive Secretary  
Oil & Gas Commission  
Room 202, 1624 West Adams  
Phoenix, Arizona

Dear Mr. Bannister:

Please find attached copies of Well completion Reports, covering Santa Fe #1 and Santa Fe # 2 in Apache County, drilled and abandoned by Eli Oil & Gas Development Co.

Please advise if further information is needed. We appreciate all courtesies us by your agency.

Yours very truly,  
*E. J. Packwood*  
E. J. Packwood, President  
Eli Oil & Gas Development Co.



June 7, 1965

Eli Oil & Gas Development Company  
3550 North Central Avenue  
Phoenix, Arizona

Re: Eli Oil & Gas Development Company Santa Fe #1  
NE/4-NE/4 9-T19N-R27E, Apache County, Arizona  
Permit 185

Gentlemen:

Our file for captioned well does not reflect that the required information has been submitted. Will you please forward to the office the following information:

Well Completion Report and copies of all logs  
Plugging Record

Forms are enclosed for your convenience.

Your earliest cooperation is appreciated.

Yours very truly,

John Bannister

Enclosure  
cb

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STATE of ARIZONA  
OIL and GAS CONSERVATION COMMISSION  
CAPITOL ANNEX  
ROOM 202  
1624 WEST ADAMS STREET  
PHOENIX, ARIZONA

COMPANY Elk Oil & Gas Development Company DATE 8-6-1984  
RE: WELL NAME & NUMBER: Santa Fe #1  
LOCATION: SECTION 9 TWP. 19N R. 27E COUNTY Apache  
FILE NUMBER 185

Gentlemen:

We have reviewed our files and find that we need the below checked item (s) in order to complete same. Will you please fill in the enclosed form (s), at your earliest convenience, and return them to this office. May we remind you that your bond (# XXXXXXXXXXXXXXXXXXXX,

issued by Not Applicable) can be forfeited for failure to comply.

In addition we request a copy of any log run on this ~~(this)~~ well. (X)

Your cooperation is appreciated. If we may be of service to you please advise.

Yours very truly,

*Bill Cooper*

Bill Cooper  
Records Section

Completion Record

Plugging Record

Well Log

Application to plug and abandon

cc/Bonding Company

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October 16, 1962

Eli Oil and Gas Development Company, Inc.  
3550 North Central Avenue  
Phoenix 12, Arizona

Re: Bond Serial No. 3176533 - Hartford Accident and  
Indemnity Company on dry hole in Section 9, T19N,  
R27E, Apache County, Arizona

Gentlemen:

Since all our regulations have been complied with on  
the above operation, this letter is your authority to  
have the designated bond released.

Yours very truly,

John K. Petty  
Petroleum Geologist

Santa Fe Pacific Railroad Company

4549 Produce Plaza  
Los Angeles 58, California

April 27, 1962

J. L. STEPHENS  
LAND COMMISSIONER

Oil and Gas Lease with Eli Oil  
& Gas Development Company

Secretary's No. SFR-9672

Mr. D. A. Jerome, Executive Secretary  
Arizona Oil & Gas Conservation Commission  
3500 North Central Avenue  
Phoenix 12, Arizona

Dear Mr. Jerome:

We have been advised by Mr. E. J. Packwood, President of Eli Oil & Gas Development Company that his Company desires to drill a well in the NE/4 NE/4 NE/4 of Section 9, Township 19 North, Range 27 East, Apache County, Arizona. This land is covered by an oil and gas lease from our Company to the Eli Oil & Gas Development Company dated November 28, 1961.

We understand that this is an unorthodox location and that under the regulations of your Commission those holding mineral rights in adjacent quarter sections may oppose the granting of a drilling permit at this location.

This is to advise that Santa Fe Pacific Railroad Company as the owner of the mineral estate underlying Section 3 and the SE/4 of Section 4, Township 19 North, Range 27 East, Apache County, Arizona, does not object to Eli Oil & Gas Development Company being issued a drilling permit for its proposed well in the NE/4 NE/4 NE/4 of Section 9, Township 19 North, Range 27 East, and would not appear to oppose the issuance of such a permit if a hearing were held on this matter.

Very truly yours,

SANTA FE PACIFIC RAILROAD COMPANY

By \_\_\_\_\_  
Land Commissioner

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