

ELI OIL & GAS #2 SANTA FE
SE NW 8-19N-27E APACHE CO. 216

PLM

s1

COUNTY Apache AREA 5 mi SE/Navajo LEASE NO. Santa Fe Fee

WELL NAME Eli Oil & Gas Development Company #2 Santa Fe

LOCATION SE NW SEC 8 TWP 19N RANGE 27E FOOTAGE 1650' FNL 1650' FWL

ELEV 5838' GR _____ KB _____ SPUD DATE 10-20-62 STATUS _____ TOTAL _____
COMP. DATE 11-3-62 DEPTH 1138'

CONTRACTOR

CASING SIZE	DEPTH	CEMENT	LINER SIZE & DEPTH	DRILLED BY ROTARY	<u>x</u>
_____	_____	_____	_____	DRILLED BY CABLE TOOL	_____
_____	_____	_____	_____	PRODUCTIVE RESERVOIR	_____
_____	_____	_____	_____	INITIAL PRODUCTION	<u>P&A</u>

FORMATION TOPS	DEPTHS	SOURCE		REMARKS
		L.L.	E.L.	
Shinarump	831'		x	
Moenkopi	976			
Coconino	1127			

ELECTRIC LOGS	PERFORATED INTERVALS	PROD. INTERVALS	SAMPLE LOG
<u>IE</u>			SAMPLE DESCRP.
			SAMPLE NO. <u>1259*</u>
			CORE ANALYSIS
			DSTs
			<u>*1666</u>

REMARKS	APP. TO PLUG	<u>x</u>
	PLUGGING REP.	<u>x</u>
	COMP. REPORT	<u>x</u>

WATER WELL ACCEPTED BY _____

BOND CO. Hartford Accident & Indemnity Co. BOND NO. 3206061

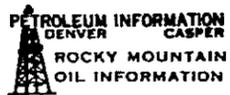
BOND AMT. \$ 2,500 CANCELLED 9-13-62 DATE 4-24-62

FILING RECEIPT 9319 LOC. PLAT x WELL BOOK x PLAT BOOK x

API NO. 02-001-05067 DATE ISSUED 10-24-62 DEDICATION All

PERMIT NUMBER 216

216
ARIZONA
APACHE CO.
PINTA DOME (D)



Twp 19n-27e
Section 8
se nw
1650 s/n 1650 e/w

OPR: Eli Oil & Gas Development

WELL #: 2 Santa Fe

ELEV: 5832 DF

DSTS. & CORES:

SPUD: 10-15-62

COMPL: 11-2-62

TOPS: Log-Sample
Shinarump 831
Moenkopi 975
Coconino 1127

Crd 1129-37, rec 8 sd,
tight, sh stringers. No
tests.

TD: 1137

PB:

CSG: No csg run.

PERF:

PROD. ZONE:

INIT. PROD: D & A.

Contr: W. T. Myers

A1-267211

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, Arizona**

Federal, State or Indian Lease Number or name of lessor if fee lease: **Santa Fe Pacific Railroad Co.** Well Number: **Santa Fe # 2** Field & Reservoir: **Navajo Springs**

Location: **NW SE NW** County: **Apache**

Sec. TWP-Range or Block & Survey: **Sec. 8, T19N, R27E**

Date spudded: **Oct. 20, 1962** Date total depth reached: **1138** Date completed, ready to produce: _____ Elevation (DF, RE, RT or Gr.) feet: **5838** Elevation of casing hd. flange feet: _____

Total depth: **1138** 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: **November 1962**

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)

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

TUBING RECORD **None**

LINER RECORD

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

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Number per ft.	Size & type	Depth Interval	Amt. & kind of material used	Depth Interval
	None			

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.: **Large amount** Oil gravity ° API (Corr): _____

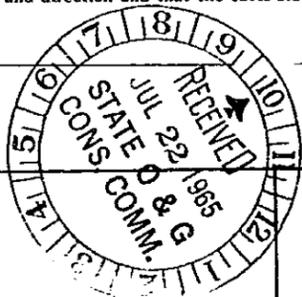
Tubing pressure: _____ Casing pressure: _____ Cal'd rate of Production per 24 hrs.: _____ Oil bbls.: _____ Gas MCF: _____ Water bbls.: _____ Gas-oil ratio: _____

Disposition of gas (state whether vented, used for fuel or sold): **Plugging report was furnished, dated Nov. 9, 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*



STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Well Completion or Recompletion Report and Well Log
File One Copy

Permit No. _____

Form No. 4

APPLICATION TO ABANDON AND PLUG

FIELD Wildcat
 OPERATOR ELI Oil & Gas Development Co. ADDRESS 3550 N. Central Ave, Phoenix
 LEASE ELI Oil & Gas Dev. Co. WELL NO. Santa Fe #2 COUNTY Apache
 SURVEY T19N R27E SECTION 18 DRILLING PERMIT NO. 216
 LOCATION 1770' from West line and 1690' from North line

TYPE OF WELL Dry hole TOTAL DEPTH 1138'
(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. 4 1/2" surface casing

2. FULL DETAILS OF PROPOSED PLAN OF WORK A 50' cement plug will be placed from 832' to 882', a 50' cement plug from 1088' to 1138' and a 15' cement plug from 0' to 15', all plugs will have heavy mud laden fluit between plugs. Location will be marked with a 4 1/2" 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 11-3-62
 NAME OF PERSON DOING WORK W.T. Myers Drilling Co. ADDRESS Navajo, Arizona
 CORRESPONDENCE SHOULD BE SENT TO ELI Oil & Gas Dev. Co., Phoenix, Arizona

NAME Lee M. Jackson
 TITLE Sec. Treas.

Date Approved Nov. 2, 1962

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 10-16-62

ELI OIL & GAS DEVELOPMENT COMPANY

Address Suite 420, Guaranty Bank Building, 3550 N. Central Ave, Phoenix 12, Arizona

DESCRIPTION OF WELL AND LEASE

Name of lease ELI Oil & Gas Development Company	Well number Santa Fe #2	Elevation (ground)
Well location 1650' from North and West lines	Section-township-range or block & survey Section 8, T19N R27E	
Field & reservoir (If wildcat, so state) Wildcat	County Apache	
Distance, in miles, and direction from nearest town or post office Five miles south east of Navajo, Arizona		
Nearest distance from proposed location to property or lease line: 1650 feet	Distance from proposed location to nearest drilling, completed or applied—for well on the same lease: no other well in lease feet	
Proposed depth: 1100	Rotary or cable tools Rotary	Approx. date work will start 10-17-62
Number of acres in lease: 1908.94	Number of wells on lease, including this well, completed in or drilling to this reservoir: none	
If lease, purchased with one or more wells drilled, from whom purchased:	Name	Address

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)

* Fill in Proposed Casing Program on other side

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

October 16, 1962
Date

Lee M. Jackson
Signature Lee M. Jackson

Permit Number: 216
Approval Date: 10/16/62
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

Form No. P-1

File two copies

STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION
Application to Drill, Deepen or Plug Back

Effective Feb. 28, 1962.

216

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.

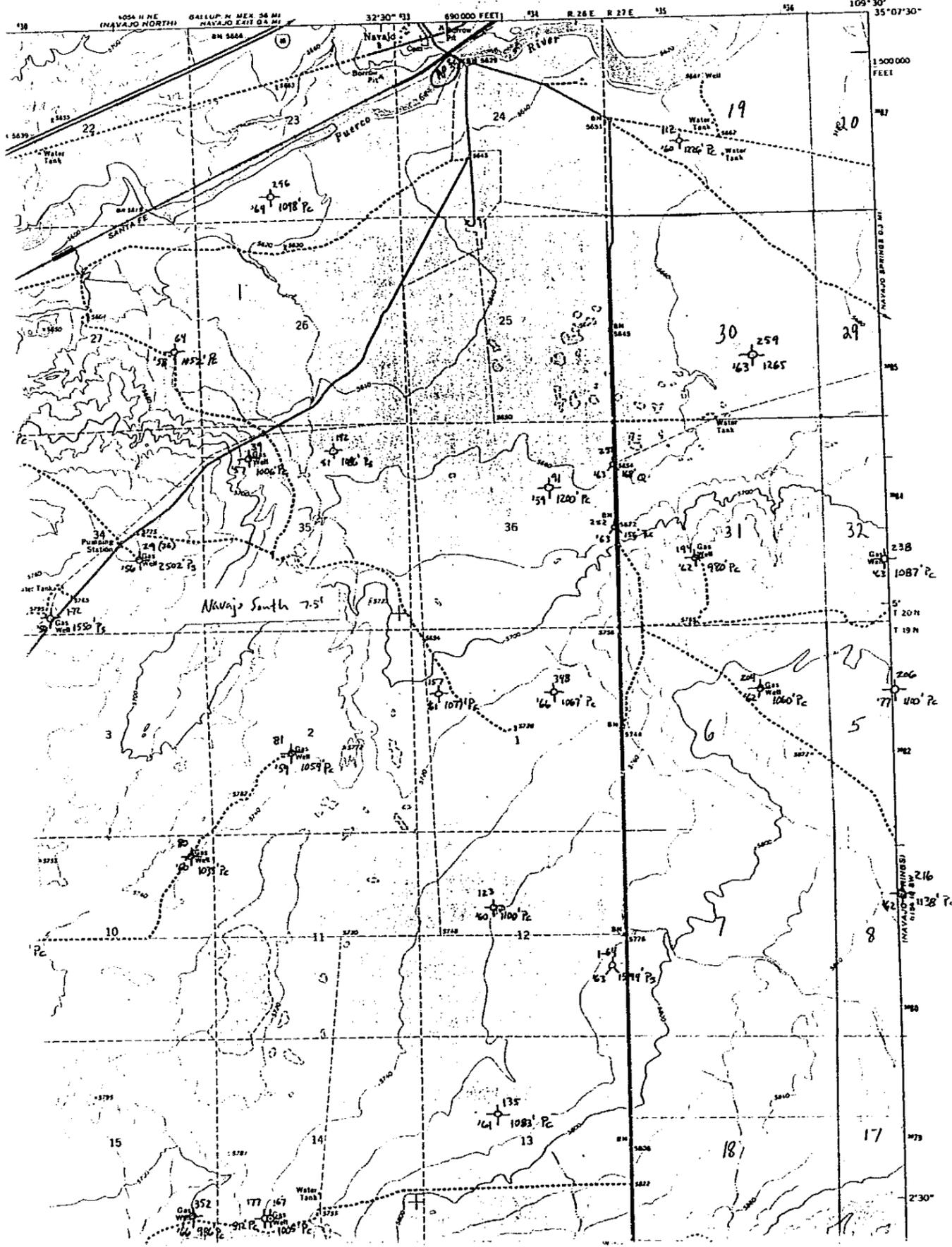
Do not confuse survey lines with lease lines. The sketch or plat should show your entire lease if possible. If it is not practical to show the entire lease and the plat shows only a section, block or lot out of your lease, you should clearly show that same is only a part of the lease.

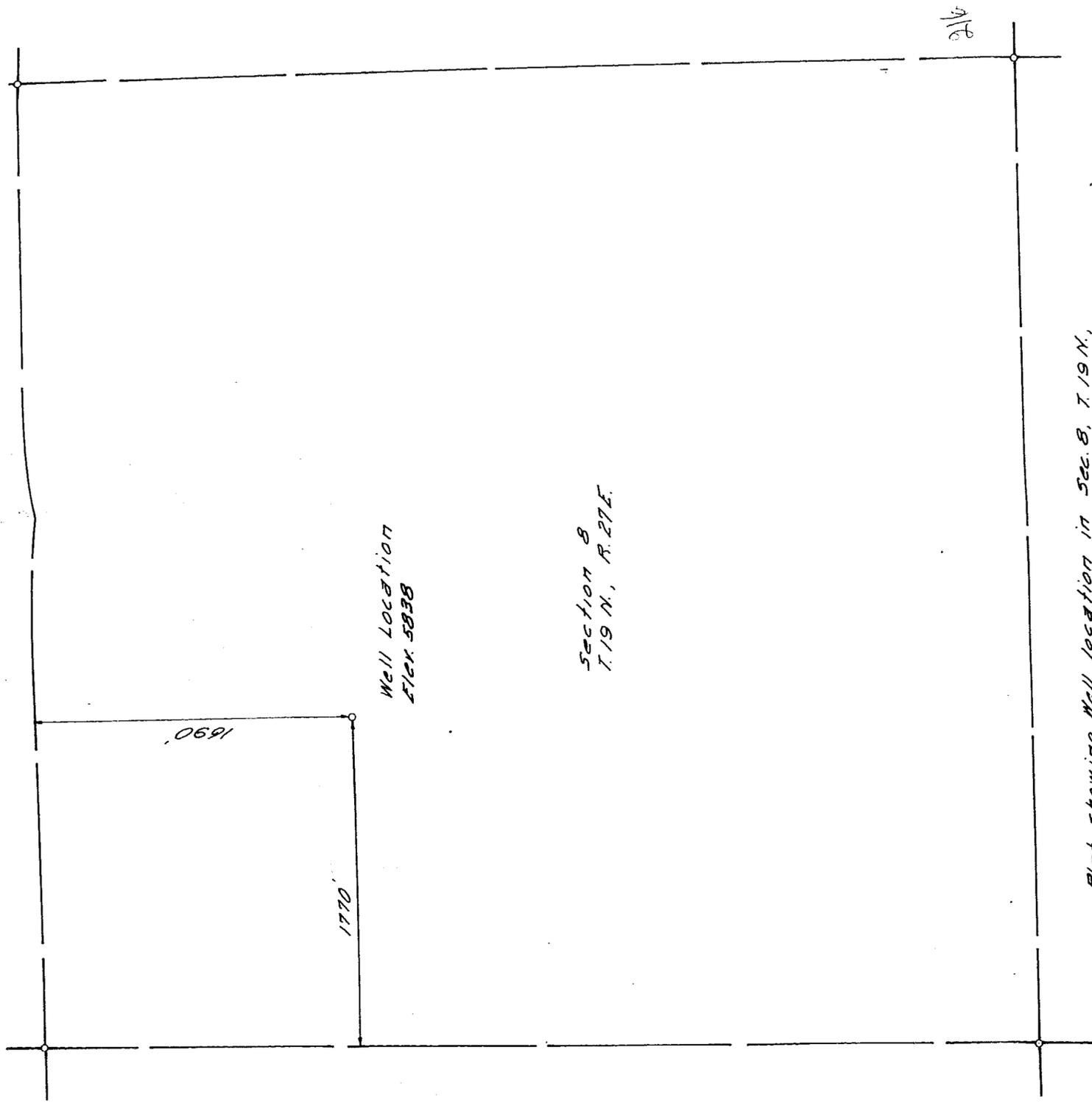
Designate scale to which plat or sketch is drawn. Also designate northerly direction on the sketch or plat.

PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement
4 1/2"	5.5#	J 55			Circulate to surface	125

NAVAJO SOUTH QUADRANGLE
ARIZONA-APACHE CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

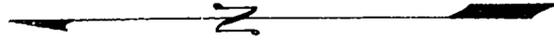




Well Location
T19N 5838

Section 8
T19 N., R. 27 E.

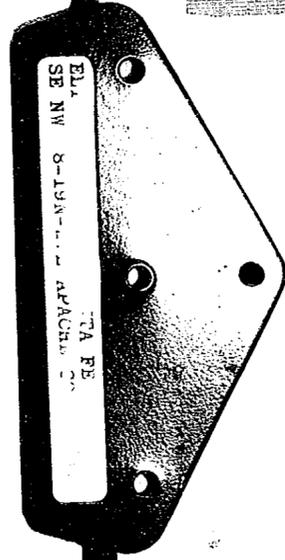
1" = 2000'



Plat showing Well location in Sec. 8, T. 19 N.,
R. 27 E., 6.5 A. B.M., Apache County, ARIZONA
Surveyed and drawn for ELLI OIL & GAS DEVELOPMENT
during Oct. 1962.

CERTIFICATION

I hereby certify that this plat represents an actual
field survey made by me, and is true & correct to the best
of my knowledge and belief.



21 West Adams Street
Phoenix, Arizona 85001
April 11, 1965

Mr. John Dannerter, Executive Secretary
Oil & Gas Commission
Room 312, 1624 West Adams
Phoenix, Arizona

Dear Mr. Dannerter:

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 your courtesy in this matter.

Yours very truly,

H. J. Packwood, President
Eli Oil & Gas Development



KNOW ALL MEN BY THESE PRESENTS

3206061

BOND SERIAL NO. 30206061

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

of the County of: Maricopa in the State of: Arizona

as principal, and Hartford Accident & Indemnity Company

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:

Section 8, T19N R27E Apache County, Arizona
(May be used as blanket bond or for single well)

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 Two Thousand Five Hundred and No/100 Dollars

Witness our hands and seals, this 17th day of October 1962

ELI OIL & GAS DEVELOPMENT COMPANY, INC.

BY: Lee M. Jackson
Secretary-Treasurer Principal

Witness our hands and seals, this 17th day of OCTOBER, 1962

CANCELLED

HARTFORD ACCIDENT & INDEMNITY CO.,

By Alvin G. Yancy
Atty-in-fact Surety

DATE 9-13-63

(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 10-24-62
Date

STATE OF ARIZONA
OIL AND GAS CONSERVATION COMMISSION

216

16 en 9-13-63

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:

HARTFORD ACCIDENT AND INDEMNITY COMPANY

Clara Dowd
Secretary



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. Pichon
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 **17th** day of **October** 19 **62**



W.K. Boyer Jr.
Assistant Secretary

September 13, 1963

Eli Oil and Gas Development Company
4700 North Central Avenue
Phoenix, Arizona

Re: Eli Oil and Gas Development Co. #2 Santa Fe,
Sec. 8, T19N, R27E, Apache County, Arizona

Gentlemen:

The execution of the drilling, casing and plugging operations by you on the above project has satisfied the stipulations of Regulation C-101 which constitutes the Bond requirements of this Commission.

Consequently, the release of Bond 320 6061 (changed from 3020-6061 by letter from the bonding company November 23, 1962) with Betts-Traubel Insurance Company, Box 96, Glendale, Arizona, is herewith authorized.

Wishing you huge success in all your future projects, I am

Yours truly,

John K. Petty
Acting Executive Secretary

cc Betts-Traubel Insurance Company
P. O. Box 96, Glendale, Arizona

2/6

2/6

BETTS TRAUBEL

PHONE 937-9279 7011 N. 58TH AVENUE P.O. BOX 96 GLENDALE, ARIZONA

November 23, 1962



Oil & Gas Conservation Commission
State of Arizona
3500 North Central Avenue
Phoenix 12, Arizona

Re: Well Drilling (Oil or gas) bond
Eli Oil & Gas Development Co., Inc.

Gentlemen:

Please be advised that there has been an error made on the bond number for the above captioned bond. The number should read 3206061 in lieu of 30206061. Will you please correct the number on the bond now held in your files.

We are sorry this error has occurred and hope it will not cause you any inconvenience.

Yours very truly,

L. Yancy

BETTS-TRAUBEL INSURANCE

ajz

October 24, 1962

Eli Oil and Gas Development Company
Suite 420 - Guaranty Bank Building
3550 North Central Avenue
Phoenix 12, Arizona

Re: Eli Oil & Gas Development Co. Santa Fe #2 Well
Sec. 8, T19N, R27E, Apache County, Arizona

Gentlemen:

Enclosed is your approved copy of application for permit
to drill the above described test.

We received your \$2,500 bond today and wish you all the
success in this venture.

Yours very truly,

John K. Petty
Petroleum Geologist

encs 2

2/16

2/16

BETTS TRAUBEL

PHONE 937-9279 7011 N. 58th AVENUE P.O. BOX 96 GLENDALE, ARIZONA



October 23, 1962

Oil & Gas Conservation Commission
State of Arizona
3500 N. Central Avenue
Phoenix 12, Arizona

RE: ELI OIL & GAS DEVELOPMENT CO., INC.
HARTFORD ACCIDENT & INDEMNITY CO.,
BOND NO. 30206061

Gentlemen:

We are enclosing the above captioned bond,
covering well drilling in Section 8, Twp.
19 North, Range 27 East, Apache County, Ariz.

Yours very truly,

Dorothy Gancy
BETTS-TRAUBEL INSURANCE

Encls.

dy
c/e Eli Oil & Gas Development Co. Inc.
420 Guaranty Bank Bldg.
3550 N. Central Avenue
Phoenix, Arizona

216

October 23, 1962

216

BETTS TRAUBEL

PHONE 937-9279 7011 N. 58TH AVENUE P.O. BOX 96 GLENDALE, ARIZONA



October 23, 1962

Oil & Gas Conservation Commission
State of Arizona
3500 N. Central Avenue
Phoenix 12, Arizona

RE: ELI OIL & GAS DEVELOPMENT CO., INC.
HARTFORD ACCIDENT & INDEMNITY CO.,
BOND NO. 30206061

Gentlemen:

We are enclosing the above captioned bond,
covering well drilling in Section 8, Twp.
19 North, Range 27 East, Apache County, Ariz.

Yours very truly,

Dorothy Yancy
BETTS-TRAUBEL INSURANCE

Encls.

dy
c/c Eli Oil & Gas Development Co. Inc.
420 Guaranty Bank Bldg.
3550 N. Central Avenue
Phoenix, Arizona