

P-W

EASTERN PETROLEUM SANTA FE #6-X
C of Sec. 25-T20N-R28E APACHE CO. 561

COUNTY Apache AREA 7 mi. South of Sanders LEASE NO. Santa Fe Fee

WELL NAME EASTERN PETROLEUM SANTA FE ^{bx} Re-entry of 155

LOCATION C of 25 SEC 25 TWP 20N RANGE 28E FOOTAGE 2599' FEL - 2640' FNL

ELEV 6048 GR _____ KB _____ SPUD DATE 8-3-71 STATUS T&A TOTAL _____
 COMP. DATE 9-11-71 DEPTH 906
 PBTD 300

CONTRACTOR Eastern Petroleum Company

CASING SIZE	DEPTH	CEMENT	LINER SIZE & DEPTH	DRILLED BY ROTARY	DRILLED BY CABLE TOOL	PRODUCTIVE RESERVOIR	INITIAL PRODUCTION
8 5/8"	97			X			
7"	325	100 sx				NA	NA

FORMATION TOPS	DEPTHS	SOURCE		REMARKS
		L.L.	E.L.	
Chinle	585			Permit 561 was issued for re-entry into hole originally drilled under Permit 155. The listed tops were reported on original hole.
Shinarump	1106			
Moenkopi	1153			
Coconino	1264			

ELECTRIC LOGS	PERFORATED INTERVALS	PROD. INTERVALS	SAMPLE LOG
See file 155 for logs	148-156 275-290		Am Strat SAMPLE DESCRP. SAMPLE NO. See file 155 CORE ANALYSIS None DSTs See file 155

REMARKS _____ APP. TO PLUG _____
 PLUGGING REP. _____
 COMP. REPORT X

WATER WELL ACCEPTED BY Navajo Park Land & Water Company

BOND CO. U.S.F. & G. BOND NO. 27716-13-3983-65
 BOND AMT. \$ 25,000 CANCELLED _____ DATE _____
 FILING RECEIPT 2895 LOC. PLAT X WELL BOOK X PLAT BOOK X
 API NO. 02-001-2895 DATE ISSUED 7-12-71 DEDICATION All of Section 25
-05089-1
 PERMIT NUMBER 561

DRILL STEM TEST

NO.	FROM	TO	RESULTS
			See file 155 for DSTs

CORE RECORD

NO.	FROM	TO	RECOVERY	REMARKS
				None reported

REMEDIAL HISTORY

DATE STARTED - COMPLETED	WORK PERFORMED	NEW PERFORATIONS

ADDITIONAL INFORMATION

This re-entry reportedly started making new hole at 900'+. At this point the operator decided to convert this hole to a water well.

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: Eastern Petroleum Company Address: P.O. Box 226 Farmington, new Mexico

Federal, State or Indian Lease Number or name of lessor if fee lease: Santa Fe fee Well Number: 6-x Field & Reservoir: wildcat

Location: 2640 FNL, 2599 FEL County: Apache

Sec. TWP-Range or Block & Survey: Sec. 25, T20n, R28E

Date spudded: August 3, 1971 Date total depth reached: 9-11-71 Date completed, ready to produce: 9-11-71 Elevation (DF, BKB, RT or Dr.) feet: 6048 Elevation of casing hd. Range feet: 6049

Total depth: 780 ~~906~~ P.B.T.D.: 300 feet Single, dual or triple completion?: Single If this is a dual or triple completion, furnish separate report for each completion.

Producing interval (s) for this completion: 148-156, 275-290 Rotary tools used (interval): 0- 780 ft. Cable tools used (interval): 0

Was this well directionally drilled? YES Was directional survey made? yes Was copy of directional survey filed? yes Date filed: attached

Type of electrical or other logs run (check logs filed with the commission): none Date filed: --

CASING RECORD

Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Am't pulled
surface	8 1/4	7"	22#	305	100	none

TUBING RECORD LINER RECORD

Size in.	Depth set ft.	Packer set at ft.	Size in.	Top ft.	Bottom ft.	Sacks cement	Screen (ft.)
none							

PERFORATION RECORD ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Number per ft.	Size & type	Depth Interval	Am't. & kind of material used	Depth Interval
2/ft.	std	148-156		
2/ft.	std	275-290		

INITIAL PRODUCTION

Date of first production: none Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump): well to be completed as water well

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):

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Vice President of the Eastern Petroleum 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: April 4, 1972 Signature: Robert A. Jolly

RECEIVED
APR 10 1972
O & G CONS. COMM.

Permit No. 561 STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Well Completion or Recompletion Report and Well Log Form No. 4 File One Copy

(Complete Reverse Side)

W/H
TO: Oil and Gas Conservation Commission
State of Arizona
1624 W. Adams, Room 202
Phoenix, Arizona 85007

This is to advise you that I accept the abandoned wildcat well, known as the
SANTA FE 6x located on the center $\frac{1}{4}$ - $\frac{1}{4}$
of Section 25 Township 20N Range 28E, County of Apache
Arizona, as a water well to be used for domestic purposes.

Further, I accept full responsibility for the proper maintenance and use of
the above well, including final plugging, in full compliance with the Rules
and Regulations adopted by the Oil and Gas Conservation Commission.

I understand that I am responsible for compliance with the provisions of the
State Water Code, Chapter 1, Title 45, Arizona Revised Statutes and with any
applicable requirements of U.S. Geological Survey.

NAVAJO PARK LAND & WATER CO.

Signature Seymour Brier

Address 8011 East Roosevelt

Scottsdale, Arizona 85257

State of Arizona
County of Maricopa

On this, the 17th day of November, 19 72, before me, _____

Judith F. Hendrix, the undersigned officer, personally appeared

Seymour Brier, known to me (or satisfactorily proven)
to be the person whose name is subscribed to the within instrument and ack-
nowledged that he executed the same for the
purpose therein contained.

In witness whereof I hereunto set my hand and official seal.

Notary Public Judith F. Hendrix

My Commission expires August 20, 1976

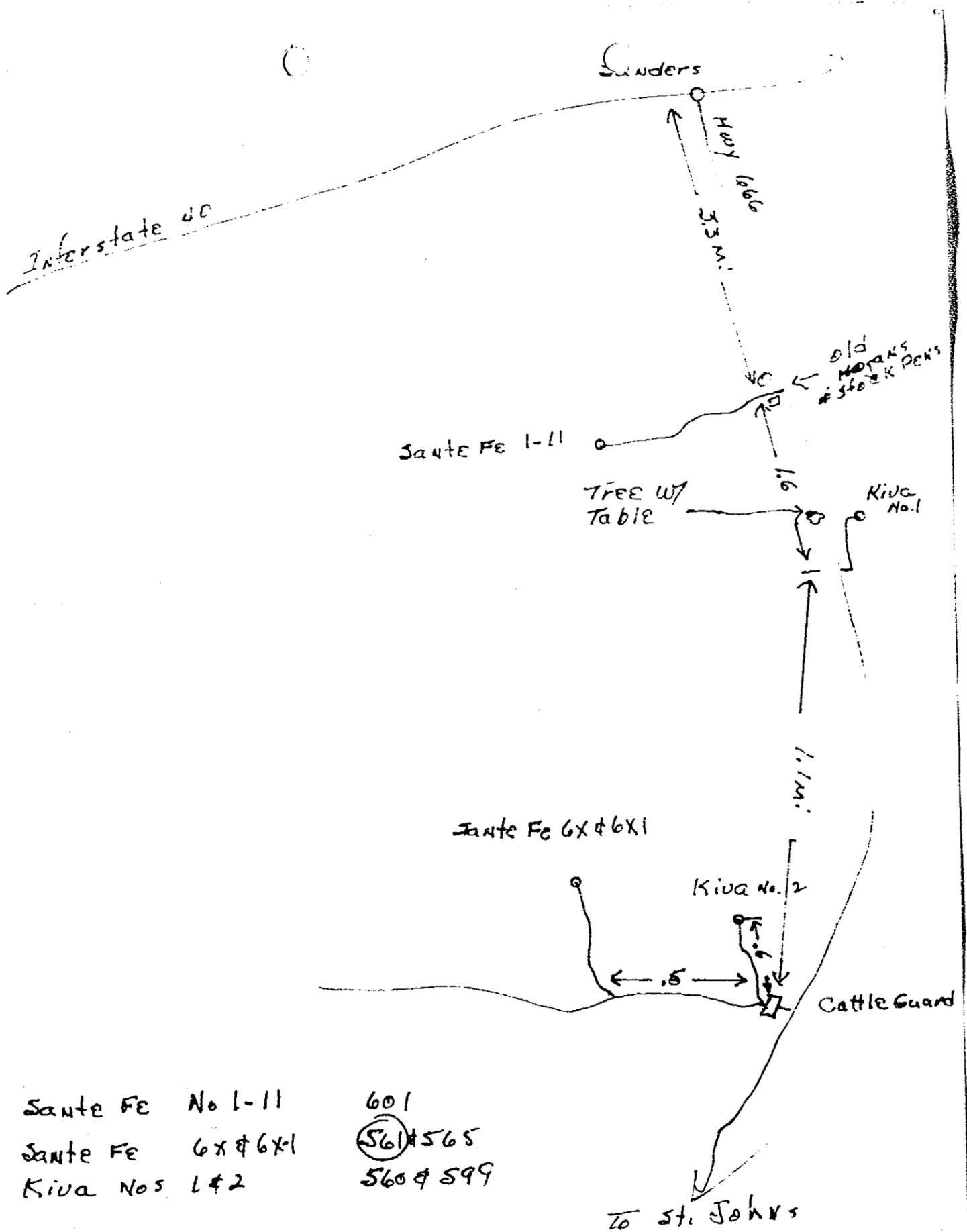
RECEIVED

NOV 20 1972

O & G CONS. COMM.

Permit No. 561

State of Arizona
OIL & GAS CONSERVATION COMMISSION
WATER WELL ACCEPTANCE
Form 26 - File one copy



Sante Fe No 1-11
 Sante Fe 6x46x1
 Kiva Nos 1 & 2

601
 561 & 565
 560 & 599

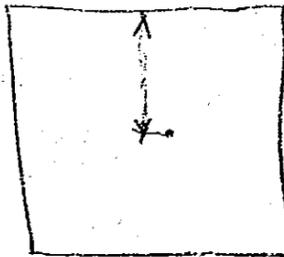
Memo from Mr. W. E. Allen, Director
Enforcement Section

9-23-71

Re: Eastern Petroleum Company Santa Fe #6-X
Section 25-T20N-R28E-#561

6-X-1 located 2364' FNL, 2378' FWL
Section 25-T20N-R28E
#565

Henry Fullop with Eastern called for verbal permission to start operations on 6X-1. 6-X was re-entered and 325' of 7" pipe was run and cemented with 100 sacks. They continued washing out this hole to 900 plus feet at which point they started making new hole and have encountered a large fresh water flow. After side tracking the old hole, it was decided to abandon this hole and start a new well designated 6-X-1. 6-X is temporarily abandoned until it's decided whether or not the service lessee will accept this well as a water well.



APPLICATION FOR PERMIT TO DRILL OR RE-ENTER

APPLICATION TO DRILL

RE-ENTER OLD WELL

Eastern Petroleum Company
NAME OF COMPANY OR OPERATOR

P. O. Box 291 Carmi Illinois 62821
Address City State

Eastern Petroleum Company
Drilling Contractor
Same
Address

DESCRIPTION OF WELL AND LEASE

Federal, State or Indian Lease Number, or if fee lease, name of lessor Santa Fe Fee	Well number 6	Elevation (ground) 6000
Nearest distance from proposed location to property or lease line: 2599 feet	Distance from proposed location to nearest drilling, completed or applied—for well on the same lease: feet	
Number of acres in lease: 640	Number of wells on lease, including this well, completed in or drilling to this reservoir: 1	
If lease, purchased with one or more wells drilled, from whom purchased:	Name	Address
Well location (give footage from section lines) 2599' WEL; 2640' SNL	Section—township—range or block and survey 25-20N-28E	Dedication (Comply with Rule 105) 640 acres
Field and reservoir (if wildcat, so state) Wildcat	County Apache	
Distance, in miles, and direction from nearest town or post office Approximately 7 miles south of Sanders		
Proposed depth: 1285'	Rotary or cable tool Rotary	Approx. date work will start July 30, 1971
Bond Status Blanket	Organization Report On file Yes Or attached	Filing Fee of \$25.00 Attached Yes
Amount \$25,000.00		

Remarks:
This well was abandoned and plugged Sept. 11, 1961. Plan to drill out cement, workover and test Shinarump, Moenkopi & Coconino

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Secretary of the Eastern Petroleum 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.

[Signature]
Signature
July 7, 1971
Date

Permit Number: **155 (old) 561**
Approval Date: **7-12-71**
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.

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Application to Drill or Re-enter
File Two Copies
RECEIVED
JUL 9 1971

1. Operator shall outline the dedicated acreage for both oil and gas wells on the plat.
2. A registered professional engineer or land surveyor registered in the State of Arizona or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.
3. All distances shown on the plat must be from the outer boundaries of the Section.
4. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES NO
5. If the answer to question four is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES NO If answer is "yes," Type of Consolidation _____
6. If the answer to question four is "no," list all the owners and their respective interests below:

Owner	Land Description
CERTIFICATION	
I hereby certify that the information above is true and complete to the best of my knowledge and belief.	
Name J. N. Edwards	
Position Secretary	
Company Eastern Petroleum Co.	
Date July 7, 1971	
I hereby certify that the well location shown on the plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.	
Date Surveyed	
Registered Professional Engineer and/or Land Surveyor	
Certificate No.	

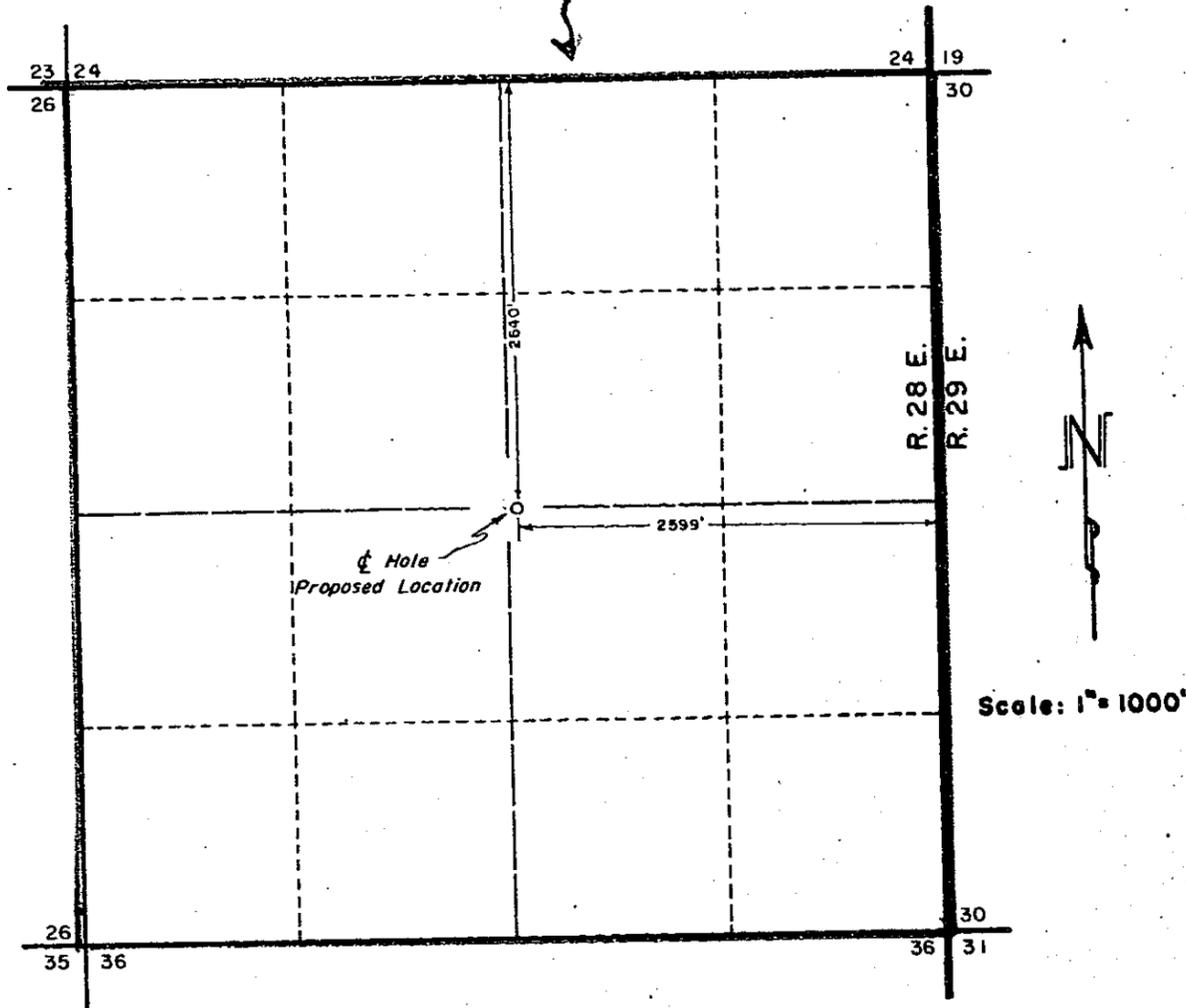
0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement

CERTIFICATE OF SURVEY

DEDICATED



WELL LOCATION: Eastern Petroleum - Santa Fe No. 6

Located 2640 feet South of the North line and 2599 feet West of the East line of Section 25, Township 20 North, Range 28 East, Gila & Salt River Meridian, Apache Co., Arizona

I hereby certify the above plat represents a survey made under my supervision and is accurate to the best of my knowledge and belief.



Elmer M. Clark
ELMER M. CLARK
Registered Land Surveyor
State of Arizona (No. 4973)

E.M. CLARK & ASSOCIATES
Durango, Colorado

August 25, 1961
File No. 61059

561

RECEIVED

JUL 9 1971



PERMIT TO DRILL

This constitutes the permission and authority from the
OIL AND GAS CONSERVATION COMMISSION,
STATE OF ARIZONA,

To: EASTERN PETROLEUM COMPANY
(OPERATOR)

to drill a well to be known as

EASTERN PETROLEUM COMPANY SANTA FE #6-X
(WELL NAME)

located 2599' FRL - 2640' FRL

Section 25 Township 20N Range 28E, APACHE County, Arizona.

The ALL OF SECTION 25 of said
Section, Township and Range is dedicated to this well.

Said well is to be drilled substantially as outlined in the attached Application and must be drilled
in full compliance with all applicable laws, statutes, rules and regulations of the State of Arizona.

Issued this 12th day of JULY, 19 71.

OIL AND GAS CONSERVATION COMMISSION

By W. E. [Signature]
EXECUTIVE SECRETARY

PRIOR TO BEING ALLOWED TO PRODUCE THIS WELL,
YOU MUST BE IN FULL COMPLIANCE WITH RULE
105, SECTION A PART 6 (S. 105), WITH RESPECT
TO THE PRODUCT TO BE PRODUCED.

PERMIT N^o 561

RECEIPT NO. 2895
API NO. 02-001-20147

State of Arizona
Oil & Gas Conservation Commission
Permit to Drill

FORM NO. 27

SAMPLES ARE REQUIRED



OFFICE OF
Oil and Gas Conservation Commission

STATE OF ARIZONA
4515 NORTH 7TH AVE.
PHOENIX, ARIZONA 85013
PHONE: (602) 271-5161

April 12, 1974

CERTIFIED MAIL

Mr. Henry Fullop
Eastern Petroleum Company
P. O. Box 291
Carmi, Illinois 62821

Re: Navajo Springs Area

Dear Mr. Fullop:

We have received Mr. Edward's letter dated March 12, 1974 together with Form 25, Sundry Notice and Reports, on 16 wells in the Navajo Springs area. We are aware that a number of your wells are in the Navajo Springs Coconino Unit. According to our records, several of the wells that are in the Unit have never produced except during testing and are being carried as shut-in helium wells. A number of wells outside the Unit have never produced, and your completion reports indicate the production on the potential test to be zero or TSM. Other wells have been taken off production for various reasons.

The possibility of some of these wells ever being produced commercially again appears negligible. As you know, Western Helium has not taken gas from your wells since December 31, 1973. This company is now in the process of dismantling and moving their plant out of the area. There is a possibility that Kerr-McGee might arrange to take gas from some of the wells in the Navajo Springs Unit as they are now doing from your Santa Fe No. 13 and Barfoot.

It is the opinion of this Commission that all non-commercial wells in the Navajo Springs area, whether in the Unit or not, should be permanently plugged and abandoned as quickly as possible. These wells would include, within the Navajo Springs Coconino Unit, the Crest Santa Fe No. 2, Santa Fe Nos. 31 and 32, and the Reese No. 2. No production has been reported from any of these wells. Also to be plugged should be your Ancon Santa Fe Nos. 21 and 21-1A, Connelly KM State No. 1, Merde No. 1 and all the non-producers that have been drilled within the past three years. Your Merde No. 2 must be plugged immediately. The hole in the casing at approximately 750' has never been repaired and the well is flowing water. Also your Dreck No. 1 has been reported plugged and abandoned, a copy of your plugging report is attached. It is possible that this well has been partially plugged, however there is definitely no plug in the top of the casing and fluid is several hundred feet from the surface. The dry hole marker was never installed. It is on

Mr. Henry Fullop
April 12, 1974
Page 2

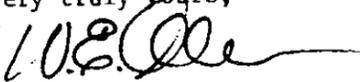
location but the casing had a bucket inverted over the open end. The hole you drilled on the original location for the Chambers No. 1 for a "water well" is open with wire line and other junk around the open hole. Mr. Tom Pelton, the owner or holder of the surface rights of the land on which the two Chamber holes are located has expressed the desire to assume responsibility of both the holes for water wells. Mr. Pelton's address is P. O. Box 7, Sanders, Arizona 86512, phone: (602) 688-2930. Our Form No. 24, when executed by Mr. Pelton, will satisfy our requirements. Also Wayne Wallace has some interest in some of the holes on his place for use as water wells.

Recently we found a well some 700' + in a northerly direction of the Merde No. 2, a copy of a photograph is attached. We have no records of a well being drilled at this location. Any information that you could give us on this well would be appreciated. It is being used as a water well.

Either Mr. Bannister or myself will be happy to discuss the above mentioned situation with you. However, we are determined to have the existing conditions in the area brought into complete compliance with the rules and regulations of the Oil and Gas Conservation Commission in the very near future.

We would appreciate your thoughts on the above.

Very truly yours,



W. E. Allen, Director
Enforcement Section

WEA/r1b

Encs.

cc John Fisher, Kerr-McGee, Oklahoma
Richard J. Gasdaska, Western Helium, Pennsylvania
C. F. Swain, Crest Oil, Illinois
Jess Edwards, Eastern, Illinois
U.S.F. &G., Indiana

WOT



NAVAJO PARK LAND & WATER COMPANY

8011 EAST ROOSEVELT/SCOTTSDALE, ARIZONA 85257
TELEPHONE (602) 945-8471

November 17, 1972

Oil and Gas Conservation Commission
State of Arizona
4515 North 7th Avenue
Phoenix, Arizona 85013

Gentleman:

Enclosed is a completed form to be filed with the Santa Fe 6x file.
Thank you for your attention to this matter.

Very truly yours,

Judy Hendrix

Judy Hendrix
Customer Service

Encl.

RECEIVED

NOV 20 1972

O & G CONS. COMM.

October 26, 1972

Mr. Robert Fullop
Eastern Petroleum Company
P. O. Box 226
Farmington, New Mexico 87401

Re: EPCO Santa Fe #6X
Center of Section 25-T20N-R28E
Apache County
Permit No. 561

Dear Mr. Fullop:

Please advise this Commission of your ultimate intentions concerning the above referenced well. You have indicated that this well has been converted to a water well. Rule 204 states that a well converted to a water well must be accepted by the landowner, his agent or lessee and the indication of acceptance be signified by the landowner, his agent or lessee by properly completing and filing Form 26, Water Well Acceptance.

If an eligible recipient is taking over this well, please have the enclosed forms properly filed and returned to this Commission.

Your cooperation is appreciated.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rlb

Encs.



OFFICE OF
Oil and Gas Conservation Commission
STATE OF ARIZONA
4515 NORTH 7TH AVE.
PHOENIX, ARIZONA 85013
PHONE: (602) 271-5161

March 16, 1972

Mr. Henry Fullop
Eastern Petroleum Company
P. O. Box 291
Carmi, Illinois 62821

Re: EPCO #1 Kiva Santa Fe
NE/SW Section 13-T20N-28E
Apache County
Permit #560

EPCO Santa Fe #6X
Center of Section 25-T20N-R28E
Apache County
Permit #561

EPCO Santa Fe #6X-1
SE/NW Section 25-T20N-R28E
Apache County
Permit #565

EPCO Santa Fe Fee-Chambers #1
NE/SW Section 21-T21N-R28E
Apache County
Permit #567

Dear Mr. Fullop:

We have had several conversations with you from time to time regarding the above referenced wells, however, we need something in our files to denote the status of these wells. Please furnish this office information listing the spud date of each well; the amount, size, and setting depth of all casing; perforations, if any; total depth; the date work ceased on these wells; results of any test and any other information that might be of interest. This above requested information may be submitted on Form 4, Completion Report, even though you consider these wells to be temporarily abandoned. Should you plan to continue these wells in a temporary abandoned status, please make a formal request to this office for this status.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rfb

lcc - Mr. J. N. Edwards
Mr. Robert Fullop

Enc.

December 30, 1971

Memo From W. E. Allen, Director
Enforcement Section

Re: Western Helium Corporation Connelly #1 KM State
NE/NE Section 36-T20N-R27E
Apache County
Our File #553

Re: Eastern Santa Fe #6-X
Center of Sec 25-T20N-R28E
Apache County
Our File #561

Conversed with Henry Fullop via 12-30-71. K. M. State #1, as noted on his progress report dated 12-27-71, is Western Helium Connelly #1, #553. Eastern has fraced this well. Advised Mr. Fullop to get Designation of Operator Form from Western Helium and to submit it to this office since Eastern is assuming the operations from Western Helium.

Santa Fe 1-25, proposed Coconino Test, to be drilled in Section 25-T20N-R27E. They have had 5 holes previously drilled in this section. Crest #1 Santa Fe is shut-in Shinarump well. All other wells, including 8X have been plugged. 8X has just recently been plugged and at this time we have no plugging report. Mr. Fullop is to get the reports on this well next week.

Eastern Petroleum Company's 6X Santa Fe is to be taken over as a water well by Navajo Park Land and Water Company. According to correspondence in the file, Mr. Edwards wrote Navajo Park on November 19, requesting that they sign Form 26, Water Well Acceptance, have the form notarized and send copies to this office. As yet we have not received this form. Requested that Mr. Fullop take whatever action necessary to have this Form 26 submitted to this office.

November 19, 1971

Mr. Seymour Brier
Navajo Park Land & Water Co.
8011 East Roosevelt
Scottsdale, Arizona 85257

Re: Santa Fe #6-X-1
Section 25-20N-28E
Apache County, Arizona

Dear Mr. Brier:

In accordance with your letter of acceptance dated November 12, 1971
we enclose State Form 26 for your signature.

At the time you forward the original to the Oil & Gas Division will
you also forward us a signed copy acknowledged before a Notary.

Thanking you for your cooperation, I remain

Yours very truly,

EASTERN PETROLEUM COMPANY

J. H. Edwards
J. H. Edwards

JNE:sjn

Encls.

cc: Mr. W. E. Allen ✓
Oil & Gas Conservation Comm.
4515 North 7th Avenue
Phoenix, Arizona 85013

RECEIVED
NOV 22 1971
O & G CON. COMM.

561

July 12, 1971

Mr. J. N. Edwards
Eastern Petroleum Company
P. O. Box 291
Carmi, Illinois 62821

Re: Eastern #1 Kiva Santa Fe Fee
NE/4 SW/4 Sec. 13-T20N-R28E
Apache County
Our File #560

Eastern Santa Fe #6-X
C of Sec. 25-T20N-R28E
Apache County
Our File #561

Dear Mr. Edwards:

Enclosed please find Receipts No. 2894 and 2895 covering the \$25 filing fees, approved copies of your Application for Permit to Drill, copies of the plats showing the approved dedications, and Permit to Drill No. 560 and 561.

Also enclosed are miscellaneous instruction sheets pertaining to samples and other requirements of this Commission. May we remind you that samples are required only on new holes that are drilled.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WBA:jd
Enc. (8)

EASTERN PETROLEUM CO.
ACCOUNT NO. 2
CARM, ILL.

DETACH AND RETAIN THIS STATEMENT
THE ATTACHED CHECK IS IN PAYMENT OF ITEMS DESCRIBED BELOW.
IF NOT CORRECT PLEASE NOTIFY US PROMPTLY. NO RECEIPT DESIRED.

INVOICE		DESCRIPTION	TOTAL AMOUNT	DEDUCTIONS		NET AMOUNT
DATE	NO.			DISCOUNT	FREIGHT	
		Application for permit to re-enter Santa Fe Fee #6, Section 25-20N- 28E, Apache County, Arizona				\$25.00
		561				

RECEIVED
JUL 9 1971
C & G CONS. COMM.