

File

3E COMPANY, INC.

Engineering • Energy • Exploration

P. O. Box 190 — 505/327-4020

FARMINGTON, NEW MEXICO 87401

January 15, 1980

Energy and Minerals Department
Oil Conservation Division
1000 Rio Brazos Road
Aztec, NM 87410

Attn: District Supervisor

Re: Oklahoma Oil Co.
Non-Standard Location

Dear Sirs:

Oklahoma Oil Co. requests permission for a non-standard Dakota well to be known as Federal No. 1E at 1120'/N and 2300'/W of Section 19, T27N, R11W, San Juan County, New Mexico.

This location is requested so that well facilities will not interfere with an irrigated field belonging to the Navajo Irrigation Project.

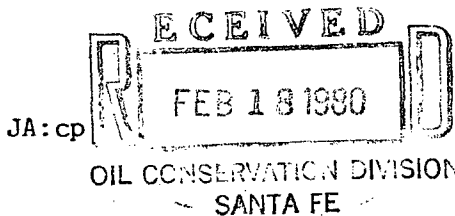
A plat is attached showing offset operators, as is a map of all offset wells.

All offset operators have been notified by registered mail.

Sincerely,

John Alexander

John Alexander
Agent for Oklahoma Oil Co.



NSL-1156
Basin Dakota
Waivers in Immediate approval
Rule 3 R1670-V

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-107

Revised 10-1-78

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

All distances must be from the outer boundaries of the Section.

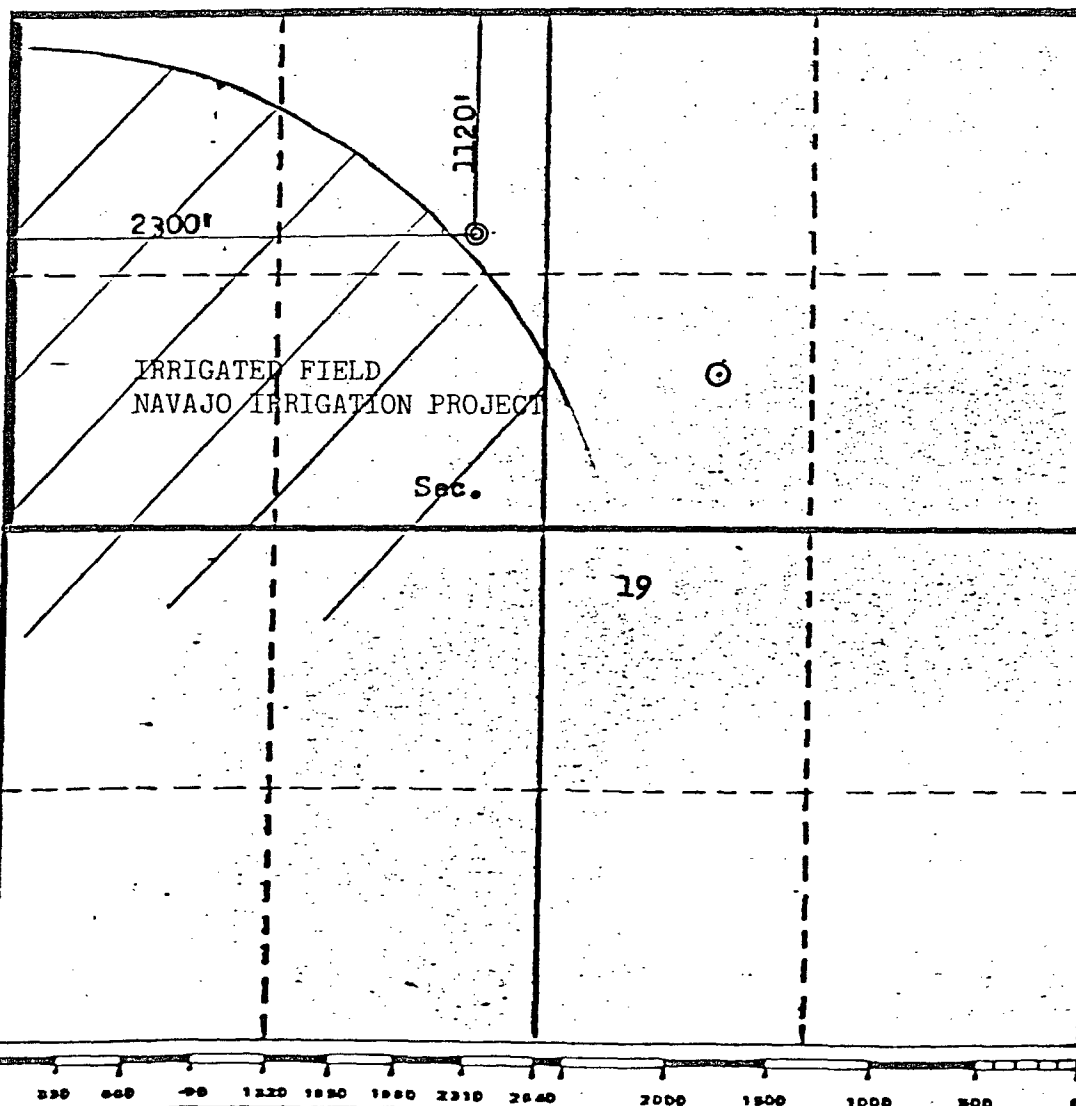
Operator OKLAHOMA OIL COMPANY			Lease FEDERAL WELL		Well No. 1-E
Unit Letter C	Section 19	Township 27N	Range 11W	County San Juan	
Actual Footage Location of Well: 1120 feet from the North line and 2300 feet from the West line					
Ground Level Elev. 6132	Producing Formation Dakota		Pool Basin Dakota	Dedicated Acreage: 378.33 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

John Alexander
Name
JOHN ALEXANDER
Position
AGENT
Company
OKLAHOMA OIL COMPANY
Date
November 16, 1979

I hereby certify that the well location shown on this 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
November 16, 1979
Registered Professional Engineer
and/or Licensed Surveyor
Fred H. J. [Signature]
Certificate No. **3950**
STATE OF NEW MEXICO
FRED H. J. [Signature]

P. 12 W

E. 11 W

43,381 50 SHEETS SQUARE
43,381 100 SHEETS SQUARE
NATIONAL

13

DUGAN
PRODUCTION ✓

18

Husky Oil Co. ✓
DEPCO INC. ✓

HUSKEY OIL
✓

17

24
AMOCO ✓
PRODUCTION

2300' FEDERAL #1

✓
EL PASO
NATURAL GAS

19

TEXACO INC. ✓

AMOCO ✓
PRODUCTION

OFFSET

LEASE OWNERS

OKlahoma Co.

FEDERAL #1

1120' N & 2300' W

19-27N-11W

SAN JUAN CO., N.M.

SCALE: 2000'/IN

1-15-80

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1A. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒OTHER ☐SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

OKLAHOMA OIL COMPANY

3. ADDRESS OF OPERATOR

Suite 1120, One Energy Square, Dallas, Texas 75206

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

1120'N & 2300'W

At proposed prod. zone

SAME

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

318.33

17. NO. OF ACRES ASSIGNED

TO THIS WELL

318.33

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

6600

20. ROTARY OR CABLE TOOLS

ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6132

22. APPROX. DATE WORK WILL START*

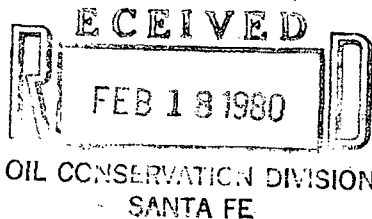
23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24	300	200
7 7/8	5 1/2	15.5	6600	1050

(SEE ATTACHMENTS)

Gas under this lease is not dedicated to a contract.



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

JOHN ALEXANDER

TITLE

AGENT

DATE

November 16, 1979

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

OKLAHOMA OIL COMPANY

Formation Information and Drilling Practices

WELL:

Federal 1E

LOCATION:

1120'/N & 2300'/W

Sec.19-27N-11W

San Juan Co., NM

LEASE NUMBER

NM029145

1. Surface Formation

Nacimiento

2. Estimated Formation Tops

Ojo Alamo	630	Gallup	5282
Pictured Cliffs	1732	Greenhorn	6132
Cliff House	2587	Dakota	6262
Point Lookout	4107		

3. Estimated Depth of Anticipated Water, Oil, Gas or Minerals

1732 Gas 6262 Gas

4. Proposed Casing Program

0-300' 10 3/4" 40.5# K-55 ST&C new casing. Cement w/ 200 sk. class "B" + 2% CaCl₂
0-6600' 5 1/2" 15.5# ST&C new casing. Cement 1st stage w/ 300 sk 50-50 Pozmix + 2% gel. Cement 2nd stage w/ 100 sk 65-35 Pozmix + 12% gel followed by 400 sk 50-50 Pozmix + 2% gel. Cement 3rd stage w/ 250 sk 65-35 Pozmix +12% gel.

5. Pressure Control Equipment - Blowout Preventer

The attached schematic shows the type of blowout preventer to be used while drilling. The unit will be tested to 800 psi prior to drilling from under surface pipe by pressuring through casing valves with blind ram closed. This procedure will be repeated with the pipe rams closed on a joint of drill pipe. Operation of the hydraulic system will be checked daily.

6. Drilling Fluids

Depth	Type	Vis	WEight	Fluid Loss
0-300	Gel-lime	35-45	8.6-9.0	N/L
300-6000	Low-solids	30-40	8.6-11.5	10

7. Auxiliary Equipment

- bit float
- stabbing valve to be used in drill pipe when kelly is not connected
- rotating drilling head

8. Logging - Coring - Testing

Logging: IES, FDC/CNL, Caliper, GR
Coring: None planned
Testing: None planned

9. Abnormal temperatures, Pressures or Potential Hazards

None expected.

10. STARTING DATE

Anticipated starting date is January 1, 1980. Approximately 15 days will be needed to build roads, location and drill to total depth. Completion will commence immediately and require approximately 20 days.

(Potential)

PARTS AND DIMENSIONAL ILLUSTRATIONS

[illegible]

OKLAHOMA OIL COMPANY

Surface Use Plan

WELL:

Federal 1E

LOCATION:

1120'/N & 2300'/W

S.19-27N-11W

San Juan Co., NM

LEASE NUMBER

NM029145

1. Existing Roads (shown in green)

The attached topographic map shows all existing roads within one mile of the proposed location. The access road will join an existing lease road.

2. Planned Access Road

The access road will be approximately 1000' long and 20' wide. No turnouts will be needed. Water bars will be used to aid drainage and prevent erosion. Maximum grade will be about 5%. No fences or cattleguards will be crossed.

3. Location of Existing Wells

All wells (water, oil, gas, disposal and drilling) are shown and so labeled on the topographic map.

4. Location of Tank Batteries, Prod. Facilities, Prod. Gathering & Service Lines

All production facilities are to be contained within the proposed site. Other facilities operated by Okla. Oil Co. are shown on the attached topographic map.

5. Location of Water Supply

Water for drilling will be trucked from Bloomfield, NM approx. 15 miles south of the location. Water is privately owned.

6. Source of Construction Materials

Any construction material required for road or location will be excess material accumulated from building such sites.

7. Methods of Handling Waste Disposal (refer to attached well site layout)

All burnable material will be burned in the trash pit when conditions permit. All nonburnable material (drilling fluids, cuttings, chemicals, etc.) will be held in the reserve pit and buried when dry. Any oil produced while drilling will be trucked from the location prior to leaving the pit to dry. Pits will be fenced during dryout time, then completely backfilled with dirt prior to preparing the location for production or abandonment. Material that cannot otherwise be safely disposed of will be carried to a sanitary land fill.

8. Ancillary Facilities

No ancillary facilities are planned.

9. Well Site Layout

The attached layout shows the drilling rig with all facilities. Cut and fill required is also indicated.

10. Plans for Restoration of Surface

Restoration of well site and access road will begin within 90 days of well completion, weather permitting. Should the well be abandoned, the drilling site will be reshaped to its approximate former contour. The access road will be plowed and leveled. Both site and road will have topsoil replaced and will be reseeded when germination can occur.

Should the well be commercial, that portion of the location not needed for operation will be repaired as above. The portion needed for daily production operations, and the access road, will be maintained in good repair.

In either case, cleanup of the site will include burning any safely burnable material, filling of all pits, carrying away of all nonburnable material and chemicals that cannot be buried. Any oil that has accumulated on the pits will be trucked away.

11. Other Information

This well is located about 15 miles north of Bloomfield, NM. The area is rugged and covered with sagebrush, yucca, and native grasses. The soil is a sandy clay. Small animals and rodents inhabit the area.

Surface belongs to the Bureau of Indian Affairs. There are no occupied dwellings in the area. No artifacts were noticed.

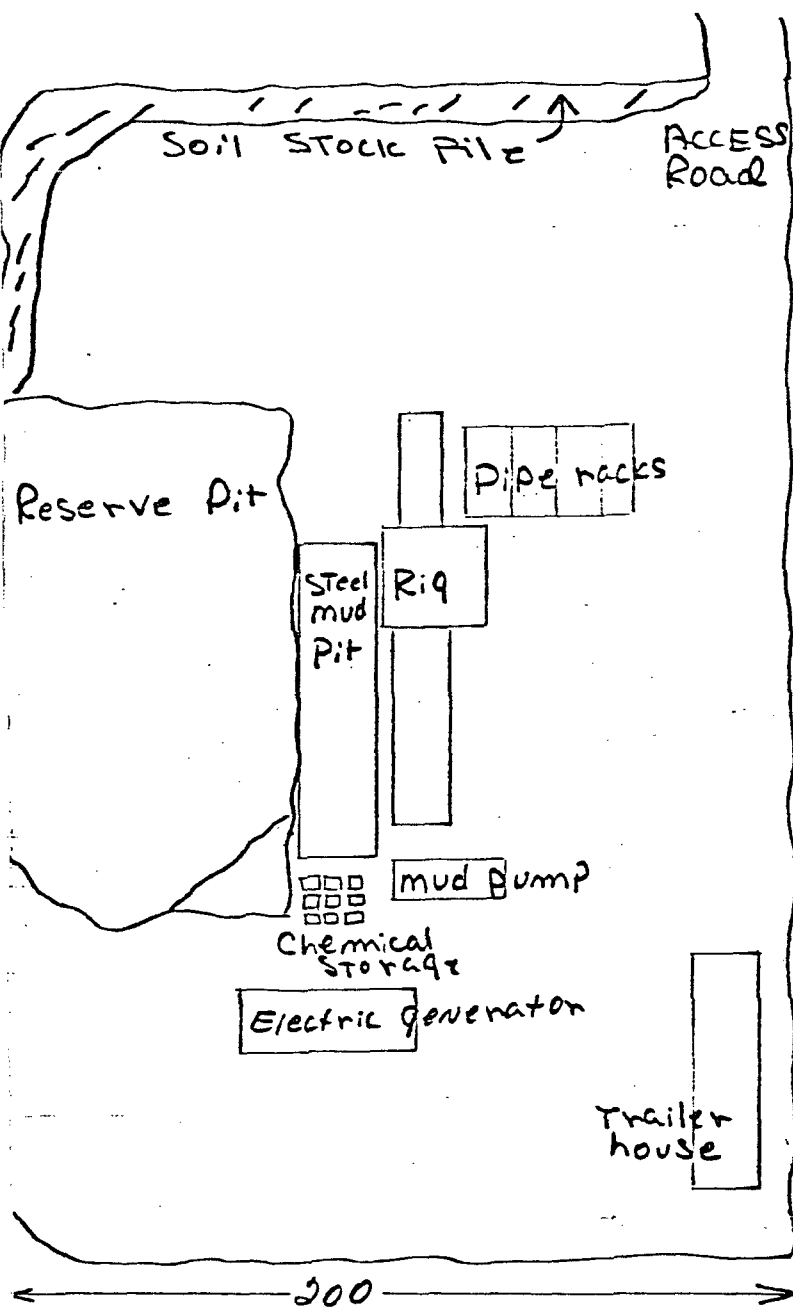
12. John Alexander
3E Company, Inc.
P.O. Box 190
Farmington, NM 87401
Phone: 505-327-4020

13. I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in the plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Oklahoma Oil Co. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

11-19-79
DATE

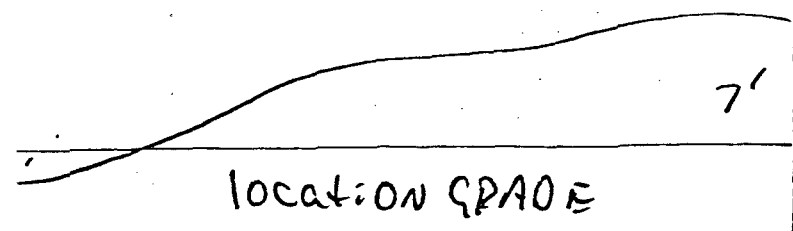
John Alexander
JOHN ALEXANDER

JA:cp

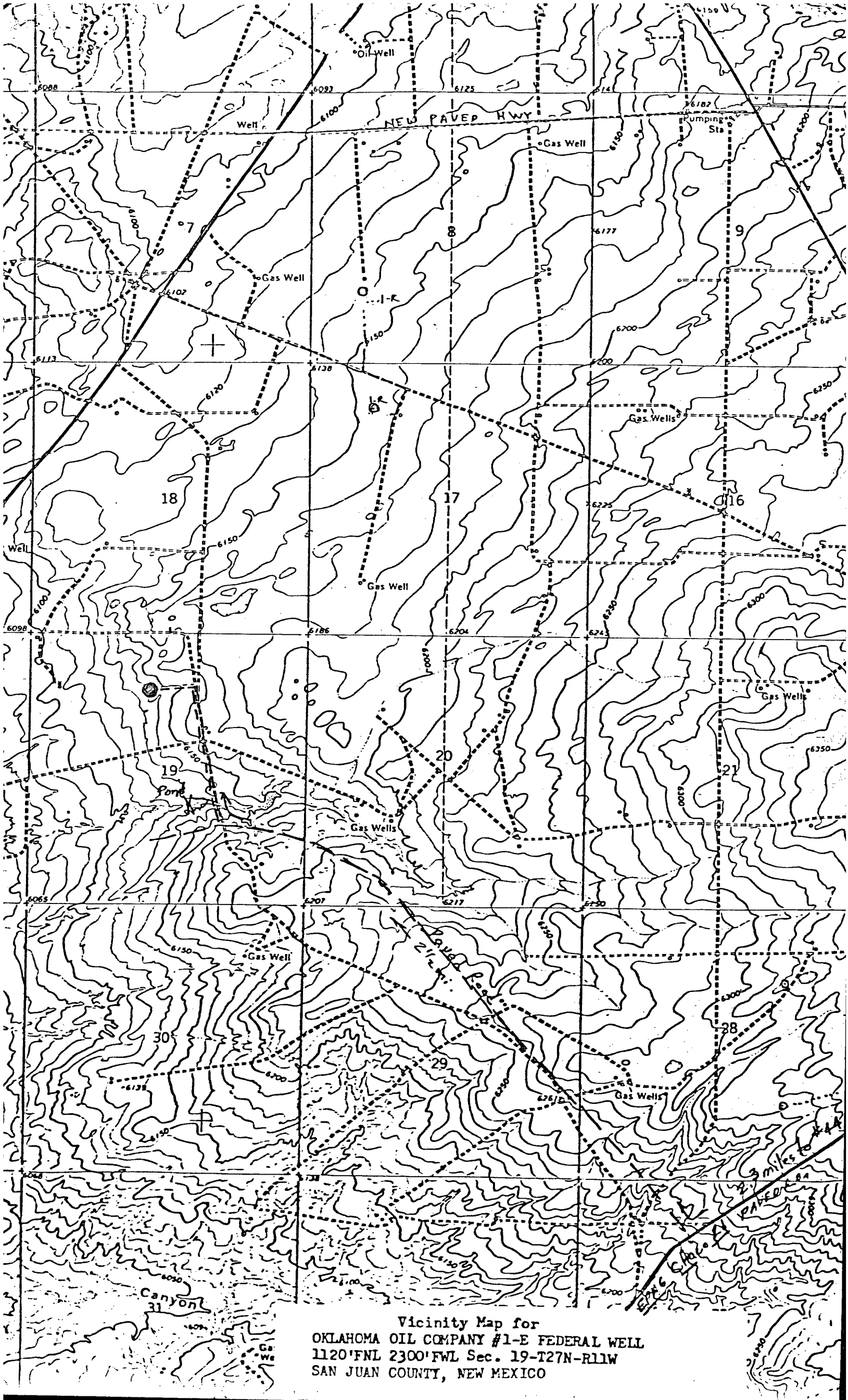


horizontal scale: 1" = 50'

Vertical scale:
1" = 10'



location GRA



Vicinity Map for
OKLAHOMA OIL COMPANY #1-E FEDERAL WELL
1120'FNL 2300'FWL Sec. 19-T27N-R11W
SAN JUAN COUNTY, NEW MEXICO



PETROLEUM PRODUCTS

PRODUCING DEPARTMENT
WEST UNITED STATES
DENVER DIVISION

January 24, 1980

TEXACO INC.
P. O. BOX 2100
DENVER, COLORADO 80201

HEARINGS - NEW MEXICO
6.02-1

Mr. Joe D. Ramey
Secretary - Director
New Mexico Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 82501

Dear Mr. Ramey:

Texaco Inc. has received notice from the Oklahoma Oil Company who proposes to drill an unorthodox Dakota well to be known as Federal No. 1 at 1,120 FNL and 2,300 feet FWL, Section 19, Township 27 North, Range 11 West, San Juan County, New Mexico.

After reviewing the notice, Texaco Inc. finds no objection to the proposal and we, therefore, waive objection.

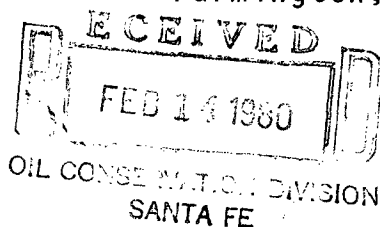
Very truly yours,



J. C. WHITE
ASSISTANT DIVISION MANAGER

TEC:hn

CC: Mr. J. Alexander ✓
3E Company, Inc.
Box 190
Farmington, New Mexico 87401





Southland Royalty Company

January 24, 1980

3E Company, Inc.
P. O. Box 190
Farmington, New Mexico 87401

Attention: John Alexander

Re: Non-Standard Location
Oklahoma Oil Company
Federal No. 1

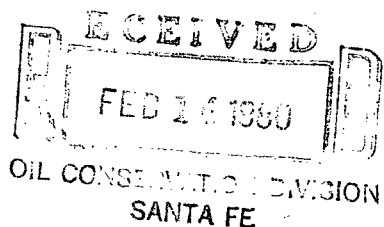
Gentlemen:

Southland Royalty Company does not object to the non-standard location of 1120' FNL and 2300' FWL of section 19, T27N, R11W, San Juan County, New Mexico for the subject Dakota well.

Yours truly,

L. O. Van Ryan
District Production Manager

LOVR/dg



DEPCO, Inc.

PRODUCTION & EXPLORATION

January 16, 1980

3E Company, Inc.
Box 190
Farmington, New Mexico 87401

Attention: John Alexander
Agent for Oklahoma Oil Company

RE: Oklahoma Oil Company
Federal No. 1
1120' FNL & 2300' FWL
Section 19-T27N-R11W
San Juan County, New Mexico

Gentlemen:

As an offset operator, DEPCO, Inc., hereby waives any objection and notice of hearing in regard to the drilling of the above referenced well.

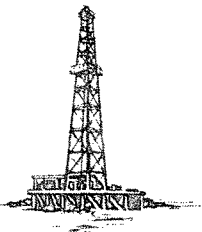
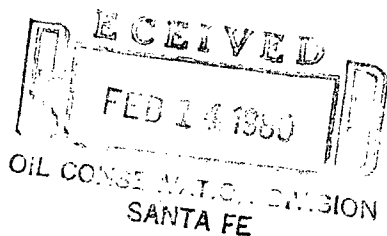
Yours very truly,

DEPCO, INC.



C. D. Crump
Vice President-Production

CDC:jz



El Paso EXPLORATION
COMPANY

P. O. BOX 289
FARMINGTON, NEW MEXICO 87401
PHONE: 505-325-2841

January 15, 1980

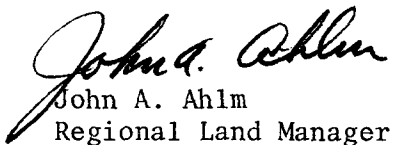
3E Company, Inc.
Attention: Mr. John Alexander
Post Office Box 190
Farmington, New Mexico 87401

Re: Oklahoma Oil Company Non-Standard Location
Federal No. 1, Dakota Well
1120' FNL, 2300' FWL
Section 19, T27N, R11W
San Juan County, New Mexico

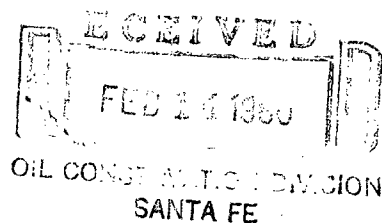
Dear Mr. Alexander:

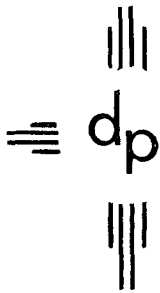
This is to advise that El Paso, as owner of offsetting acreage, does not object to the above referenced request and waives a hearing.

Yours very truly,


John A. Ahlm
Regional Land Manager
Exploration-Land

JAA:ld





dugan production corp.

January 14, 1980

John Alexander
3E Company, Inc.
Box 190
Farmington, New Mexico 87401

Re: Non-standard Location
Oklahoma Oil Company

Dear Mr. Alexander:

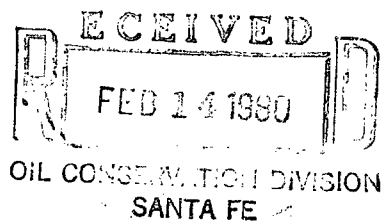
We acknowledge receipt of your request for waiver of objection to the proposed unorthodox location for Oklahoma Oil Company's Federal #1 Well in Section 19, Township 27 North, Range 11 West, San Juan County, New Mexico.

Please consider this our waiver of objection to the proposed unorthodox location.

Sincerely,

Tommy Roberts
Landman

TR:eb



3E COMPANY, INC.

Engineering • Energy • Exploration

P. O. Box 190 — 505/327-4020

FARMINGTON, NEW MEXICO 87401

January 16, 1980

B. H. Keys
P.O.Box 842
Aztec, NM 87410

Attn: B. H. Keys

Re: Non-Standard Location
Oklahoma Oil Co.

Dear Sirs:

Oklahoma Oil Company proposes to drill an unorthodox Dakota well to be known as Federal No. 1 at 1120' FNL and 2300' FWL, Section 19, T27N, R11W, San Juan County, New Mexico.

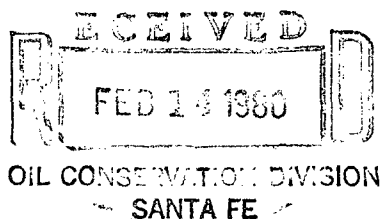
The Non-Standard Location is required so that well facilities will not interfere with an irrigated field in the Navajo Irrigation Project.

As an offset operator, we request that you waive a hearing in this matter.

Please write:

3E Company, Inc.
Box 190
Farmington, NM 87401
Attn: John Alexander

to signify your waiver.



John Alexander
John Alexander
Agent for Oklahoma Oil Co.

JA:cp *Mr Alexander*

It was requested above is granted.
BH+Keys

3E COMPANY, INC.

Engineering • Energy • Exploration

P. O. Box 190 — 505/327-4020

FARMINGTON, NEW MEXICO 87401

January 10, 1980

Huskey Oil Co.
600 S. Cherry St.
Denver, Colorado 80222

Attn: J. William Kimes

RE: Non-Standard Location
Oklahoma Oil Co.

Dear Sirs:

Oklahoma Oil Company proposes to drill an unorthodox Dakota well to be known as Federal No. 1 at 1120' FNL and 2300' FWL, Sec. 19-T27N-R11W, San Juan County, New Mexico.

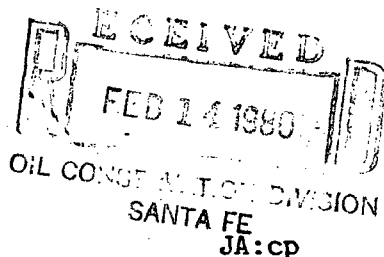
The Non-Standard location is required so that well facilities will not interfere with an irrigated field in the Navajo Irrigation Project.

As an offset operator, we request that you waive a hearing in this matter.

Please write:

3E Company, Inc.
Box 190
Farmington, NM 87401
Attn: John Alexander

to signify your waiver.



John Alexander
John Alexander
Agent for Oklahoma Oil Co.

Huskey Oil Company approves the Non-Standard location to drill an unorthodox Dakota well.

J. L. Corkill

J. L. CORKILL
Manager, Joint Interest Production
600 S. Cherry Street
Denver, CO 80222

3E COMPANY, INC.

Engineering • Energy • Exploration

P. O. Box 190 —:— 505/327-4020

FARMINGTON, NEW MEXICO 87401

February 11, 1980

New Mexico Dept. of Minerals
Oil & Gas Division
1000 Rio Brazos
Aztec, NM 87410

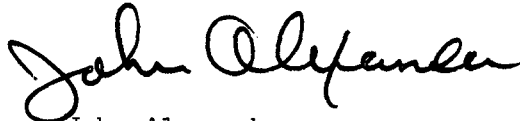
Attn: Mr. Frank Chavez

Re: Non-Standard Location
Oklahoma Oil Co.
Federal No. 1

Dear Sirs:

Reference my letter of January 15, 1980, attached are
waivers from offset operators to Oklahoma Oil Company's
Federal #1 at 1120'/N and 2300'/W, Sec. 19, T27N, R11W,
San Juan County, New Mexico.

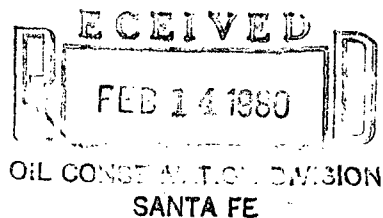
Sincerely,



John Alexander
Agent for Oklahoma Oil Co.

Enclosure

JA:cp





Amoco Production Company

Denver Region
Security Life Building
Denver, Colorado 80202
303-820-4040

January 24, 1980

Mr. John Alexander
3E Company, Inc.
P. O. Box 190
Farmington, NM 87401

File: HAS-20-986.511

Dear Mr. Alexander:

Non-standard Location
Section 19-T27N-R11W
San Juan County, New Mexico

In response to your January 10, 1980, letter to R. W. Schroeder, Amoco has no objection to Oklahoma Oil Company's proposal to drill a Dakota well, its Federal No. 1, at a location 1,120' FNL and 2,300' FWL of Section 19-T27N-R11W in San Juan County, New Mexico, as a non-standard location so as to avoid an irrigated field in the Navajo Irrigation Project.

Very truly yours,

R. B. Giles

RBG:jl

CT591

