

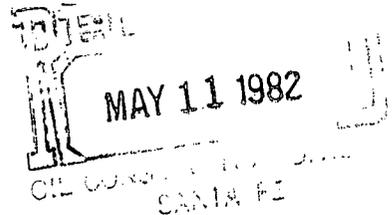


May 4, 1982

State of New Mexico  
Energy and Minerals Department  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Attention: Dick Stametz

Subject: Unorthodox Location (SWR #104)  
Star Federal Well No. 1  
1480' FNL and 660' FWL  
Section 5, T16S, R29E  
Eddy County, New Mexico



Gentlemen:

Superior Oil Company is applying for an exception to Statewide Rule 104, (an unorthodox location), to drill the Star Federal Well No. 1 at 1480' FNL and 660' FWL of Section 5, T16S, R29E, Eddy County, New Mexico. This location is 500' closer to the north lease line than Statewide Rules require.

The regular location of 1980' FNL and 660' FWL was examined on 5/3/81 by Dr. J. Loring Haskell and remains of indian artifacts were found on the picked drillsite. By moving the location 500' to the north those artifacts will remain undisturbed as that is a "clean" location.

Attached are waivers from Gulf Oil Company, the only offset operator, to the Star Federal lease. This well is a joint project with Yates Petroleum and Superior will be the operator. Attached, also, are copies of plats showing offset operators, lease ownership and the archaeological Clearance Report.

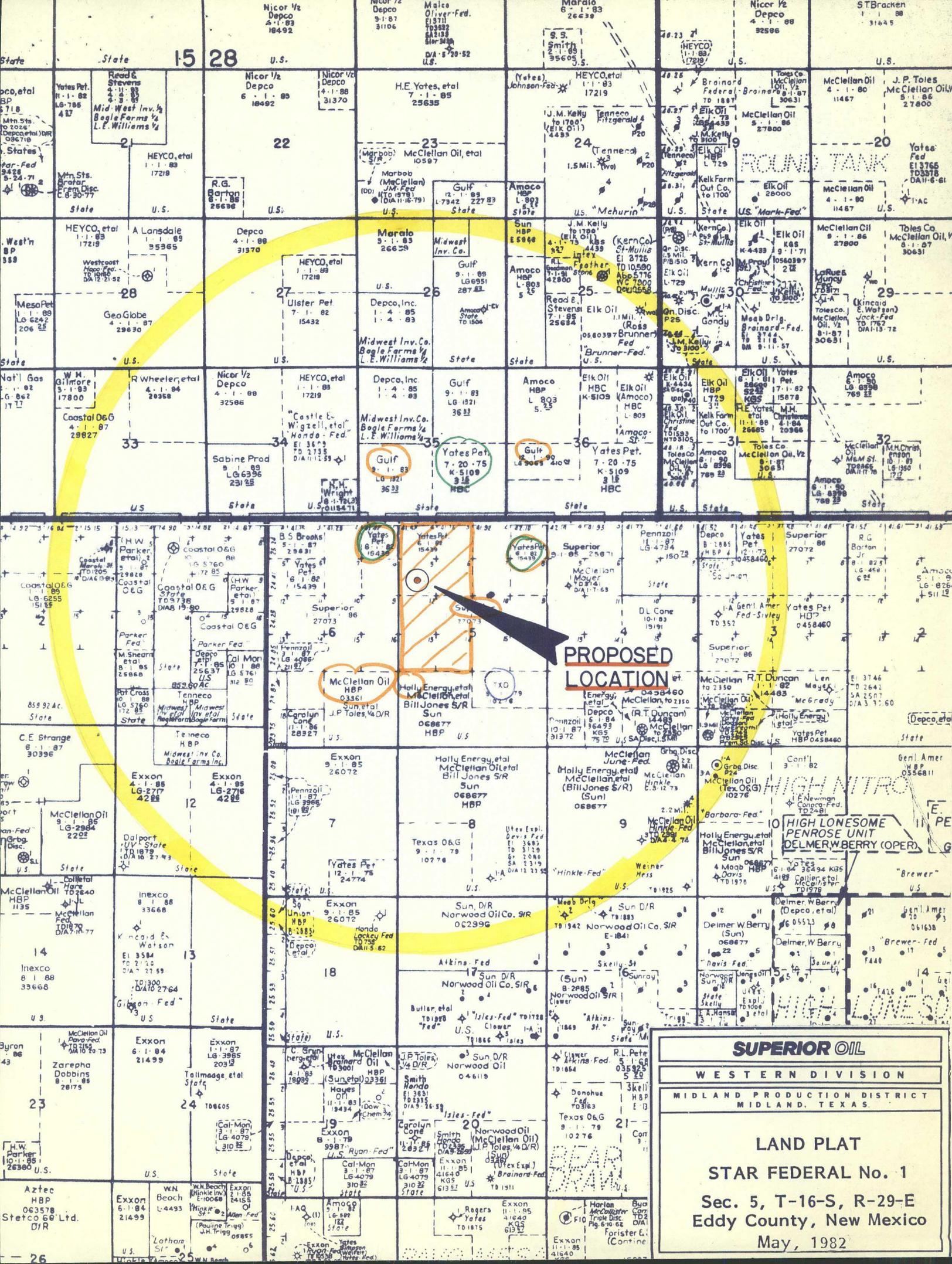
Superior Oil Company respectfully requests the subject location exception be granted administratively.

If additional information is needed please call collect to Lorraine Maroney, at (915) 684-0884, extension 133.

Sincerely,

*G. E. Tate*  
G. E. Tate  
Production Superintendent

LM:gam



**PROPOSED  
LOCATION**

**SUPERIOR OIL**

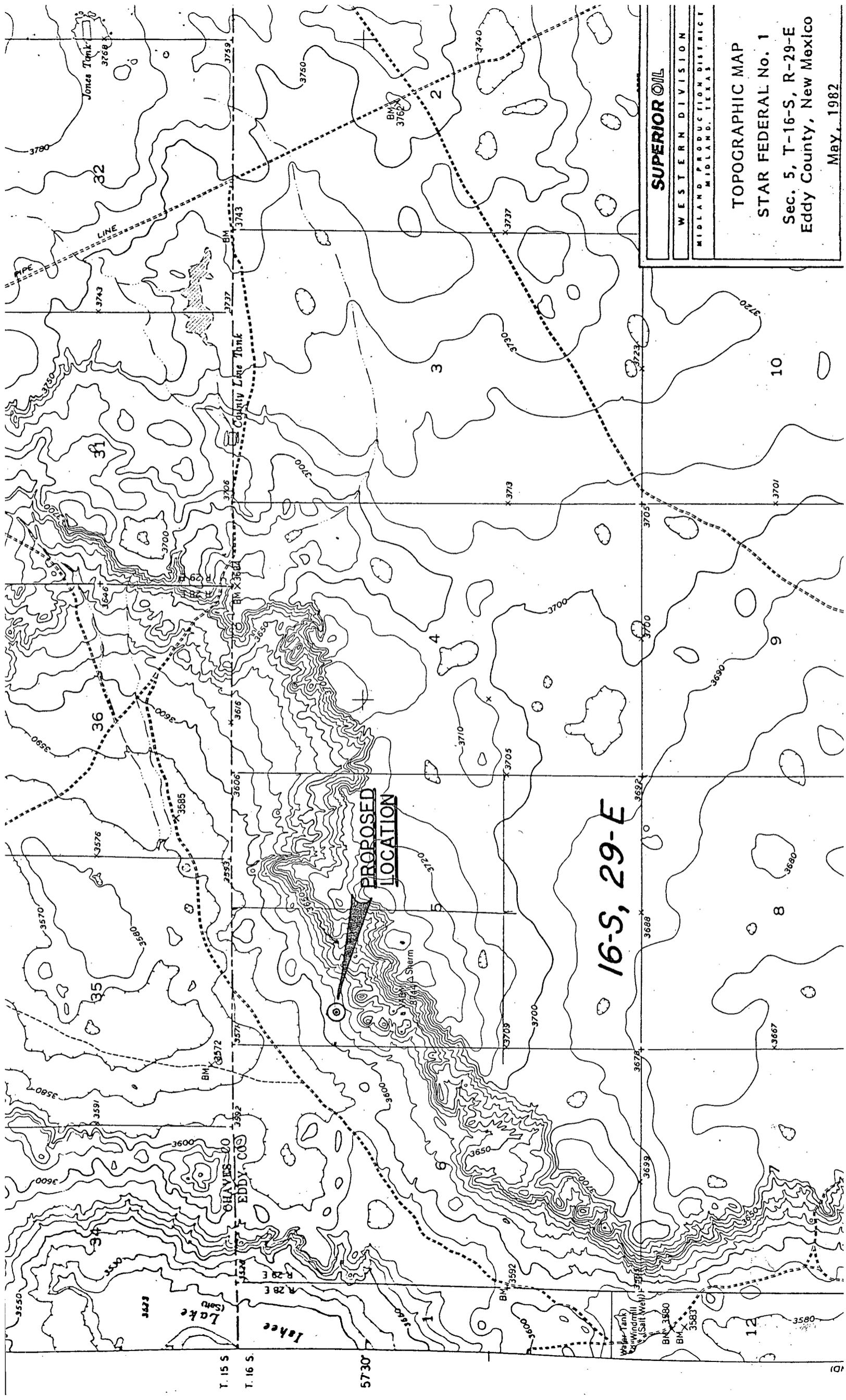
WESTERN DIVISION

MIDLAND PRODUCTION DISTRICT  
MIDLAND, TEXAS

**LAND PLAT  
STAR FEDERAL No. 1**

Sec. 5, T-16-S, R-29-E  
Eddy County, New Mexico

May, 1982



**SUPERIOR OIL**

WESTERN DIVISION  
 MIDLAND PRODUCTION DISTRICT  
 MIDLAND, TEXAS

TOPOGRAPHIC MAP  
 STAR FEDERAL No. 1  
 Sec. 5, T-16-S, R-29-E  
 Eddy County, New Mexico

May, 1982

**PROPOSED  
 LOCATION**

**16-S, 29-E**

T. 15 S  
 T. 16 S

5730'

CHAVES CO  
 EDDY CO

R-29 E  
 R-28 E

Lake (Salt)

Lake

Water Tank  
 Windmill  
 (Salt Well)

BM 3880  
 BM 3583

Sherm

Jones Tank

County Line Tank

PIPE  
 LINE

32

31

36

35

34

3

4

5

6

10

9

8

12

BM 3762

3737

3713

3705

3705

BM 3592

3723

3705

3700

3678

3699

3750

3740

3700

3650

3720

3600

3600

3700

3710

3700

3650

3600

3720

3701

3690

3680

3667

3650

3759

3743

3706

3681

3666

3592

5730'

3743

3646

3576

3591

3423

3750

3740

3700

3650

3720

3600

3600

3700

3710

3700

3650

3600

3720

3701

3690

3680

3667

3650

3759

3743

3706

3681

3666

3592

5730'

3743

3646

3576

3591

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3720

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3600

3720

3701

3690



**SUPERIOR OIL**

May 4, 1982

Gulf Oil Corporation  
P. O. Box 1150  
Midland, Texas 79702

Attention: Mickey Cohlma

Re: USA NM-15439  
High Lonesome Deep #978  
Eddy County, New Mexico

Gentlemen:

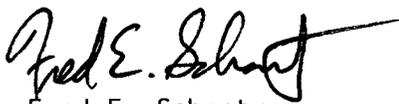
Please be apprised that The Superior Oil Company, as operator under the above described lease, is applying to The New Mexico Oil Conservation Division (OCD) for approval of our unorthodox gas well location in connection with the drilling of the Star-Federal well, located 1,480' FNL & 660' FWL of Section 5, T-16-S, R-29-E.

In order that we may satisfy the OCD that there is no objection to our application from offset operators, we hereby request that your company indicate its consent to said unorthodox location by signing in the space provided below.

Due to the June 1, 1982, expiration date of our lease, we would appreciate your urgent attention in this matter. We request your immediate response.

Very truly yours,

THE SUPERIOR OIL COMPANY

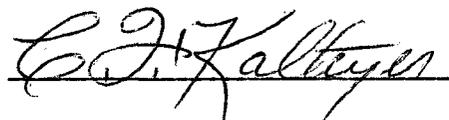
  
Fred E. Schantz

FES/crh

We have no objection to Superior's unorthodox well location.

Signed this 10<sup>th</sup> day of May, 1982.

GULF OIL CORPORATION

By 

The Superior Oil Company

Midland Exploration Division  
P.O. Box 1900, Midland, TX 79702, (915) 683-5251

1531

May 12, 1982

New Mexico Oil Conservation Commission  
P.O. Box 2088  
Santa Fe, New Mexico 87501

Attention: Richard Stamets

Re: The Superior Oil Company  
Star Federal #1  
Township 16 South, Range 29 East, N.M.P.M.  
Section 5  
Eddy County, New Mexico

Gentlemen:

New Mexico Oil Corporation waives any objection to an unorthodox location for the captioned well 1480' FNL and 660' FWL, Section 5 in Township 16 South, Range 29 East.

Thank you for your attention to this matter.

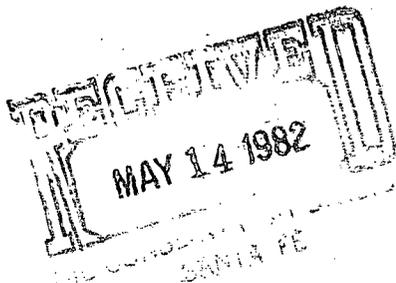
Very truly yours,



Larry Harris

LH/da

CC: The Superior Oil Company, Midland  
Don Walker



# THE TOLES COMPANY

921 SECURITY NATIONAL BANK BUILDING  
ROSWELL, NEW MEXICO 88201

POST OFFICE DRAWER 1300  
TELEPHONE 505 622-5863

May 12, 1982

State of New Mexico  
Energy and Mineral Department  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Attention: Dick Stametz

Re: The Superior Oil Company  
Star Federal #1  
T-16-S, R-29-E, N.M.P.M.  
Section 5  
Eddy County, New Mexico

Gentlemen:

The Toles Company and McClellan Oil Corporation waive any objection to an unorthodox location for the captioned well 1480" FNL and 660" FWL, Section 5, Township 16 South, Range 29 East, Eddy County, New Mexico.

THE TOLES COMPANY, A Limited  
Partnership

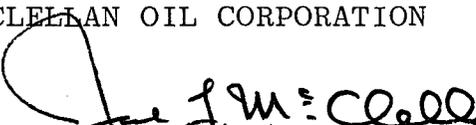
By



J. Penrod Toles, General Partner

McCLELLAN OIL CORPORATION

By



Jack L. McClellan, President

MAY 14 1982

CHARLES B. READ  
PRESIDENT

NORMAN L. STEVENS, JR.  
VICE-PRESIDENT

*Read & Stevens, Inc.*

*Oil Producers*

*P. O. Box 1518*

*Roswell, New Mexico 88201*

May 12, 1982

State of New Mexico  
Energy and Minerals Division  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Attention: Dick Stametz

Re: The Superior Oil Company  
Star Federal #1  
Township 16 South  
Range 29 East, N.M.P.M.  
Section 5  
Eddy County, New Mexico

Gentlemen:

Read & Stevens, Inc. waives any objection to an unorthodox location for the captioned well being 1480' FNL and 660' FWL in Section 5, Township 16 South, Range 29 East, Eddy County, New Mexico.

Thank you for your attention to this matter.

Yours very truly,

READ & STEVENS, INC.

*Joe Wigley*  
Joe Wigley  
Land Manager

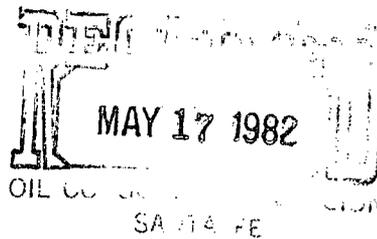
JW:cb

MAY 14 1982



207 SOUTH FOURTH STREET  
ARTESIA, NEW MEXICO 88210

TELEPHONE (505) 748-1331



S. P. YATES  
PRESIDENT  
MARTIN YATES, III  
VICE PRESIDENT  
JOHN A. YATES  
VICE PRESIDENT  
B. W. HARPER  
SEC. TREAS.

May 11, 1982

1531

New Mexico Oil Conservation Commission  
P.O. Box 871  
Santa Fe, New Mexico 87501

Attention: Richard Stamets

Re: The Superior Oil Company  
Star Federal #1  
Township 16 South, Range 29 East, N.M.P.M.  
Section 5  
Eddy County, New Mexico

Gentlemen:

Yates Petroleum Corporation waives any objection to an unorthodox location for the captioned well 1480' FNL and 660' FWL, Section 5 in Township 16 South, Range 29 East.

Thank you for your attention to this matter.

Very truly yours,

Randy G. Patterson  
Land Manager

RGP:mab

CC: The Superior Oil Company, Midland  
Don Walker

**SUPERIOR OIL**

May 4, 1982

Gulf Oil Corporation  
P. O. Box 1150  
Midland, Texas 79702

Attention: Mickey Cohlma

Re: USA NM-15439  
High Lonesome Deep #978  
Eddy County, New Mexico

Gentlemen:

Please be apprised that The Superior Oil Company, as operator under the above described lease, is applying to The New Mexico Oil Conservation Division (OCD) for approval of our unorthodox gas well location in connection with the drilling of the Star-Federal well, located 1,480' FNL & 660' FWL of Section 5, T-16-S, R-29-E.

In order that we may satisfy the OCD that there is no objection to our application from offset operators, we hereby request that your company indicate its consent to said unorthodox location by signing in the space provided below.

Due to the June 1, 1982, expiration date of our lease, we would appreciate your urgent attention in this matter. We request your immediate response.

Very truly yours,

THE SUPERIOR OIL COMPANY

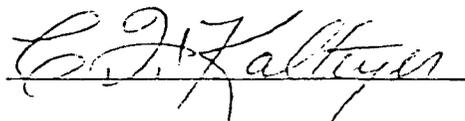
  
Fred E. Schantz

FES/crh

We have no objection to Superior's unorthodox well location.

Signed this 10<sup>th</sup> day of May, 1982.

GULF OIL CORPORATION

By 

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  
The Superior Oil Company

3. ADDRESS OF OPERATOR  
P.O. Box 3901, Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface 1480' FNL, 660' FWL of Section 5, T16S, R29E  
 At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
18 miles NE from Artesia, New Mexico

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  
647.36

17. NO. OF ACRES ASSIGNED TO THIS WELL  
323.34

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH  
10,200'

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
3605.8' GR

22. APPROX. DATE WORK WILL START\*  
May 25, 1982

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
Rat Hole	20"	Conductor	40'	Redi-Mix to Surface
17 1/2"	13 3/8"		450'	405 sx Class G to Surface
11"	8 5/8"		2,250'	645 sx Class C & Lite
7 7/8"	5 1/2"		10,000'	*865 sx Class H

\* Cmt. 2 stages w/TOC on 1st @ 8700', 2nd @ 6400' w/DV @ 8600'

Attached: Supplemental Drilling Data  
 BOP Sketches  
 Rig Equipment List  
 Multi-Point Surface Use and Operations Plan  
 Archaeological Clearance Report

Gas Not Dedicated

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 G. E. Tate TITLE Production Superintendent DATE 5/7/82

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section

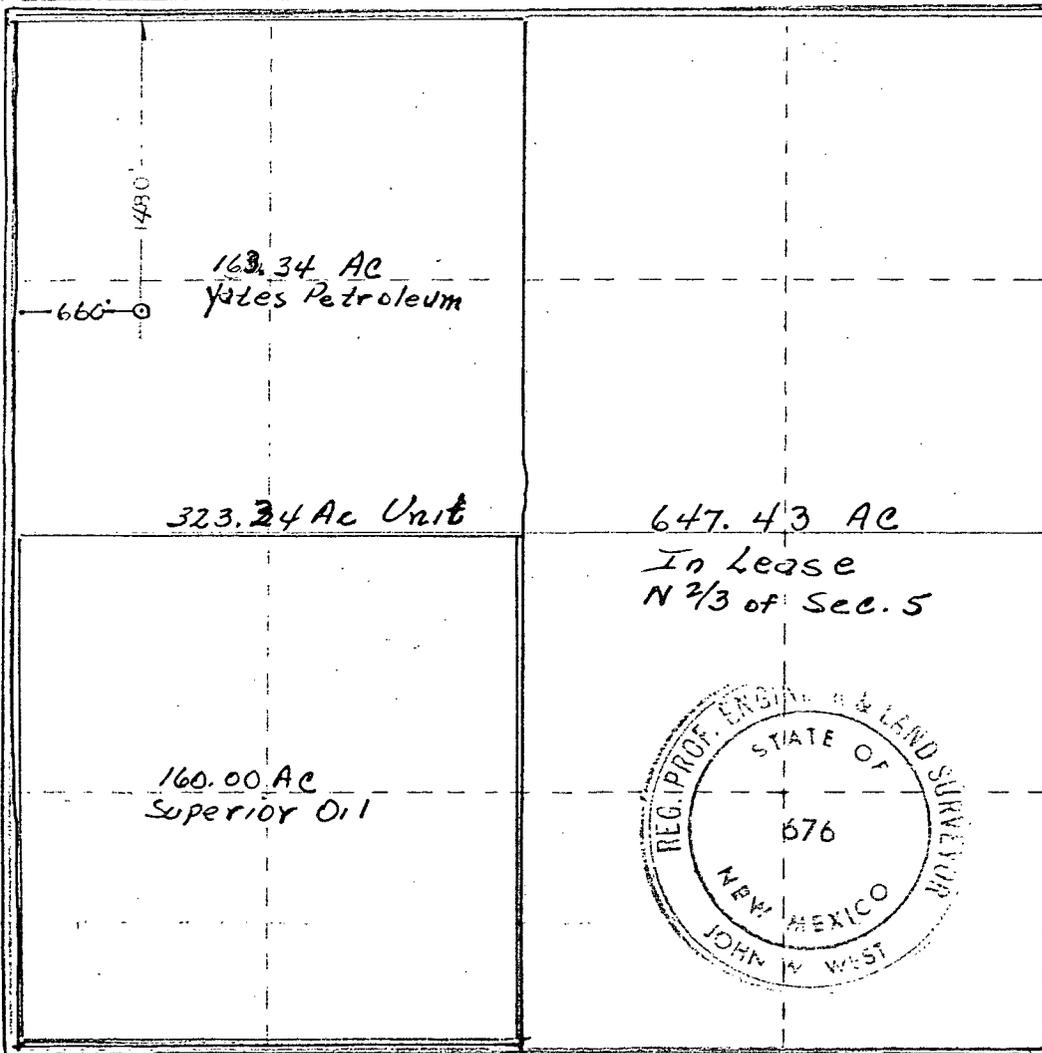
Operator The Superior Oil Co.		Lease Star Federal		Well No. 1	
Map Letter E	Section 5	Township 16 South	Range 29 East	County Eddy	
Actual Surface Location of Well: 1480 feet from the north line and 660 feet from the west line					
Ground Level Elev. 3605.8'	Producing Formation Morrow		Pool Wildcat	Dedicated Acreage: 323.34 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). See Attachment.
- 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 Communitization Agreement

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.

*[Signature]*

Name  
G. E. Tate

Position  
Production Superintendent

Company  
The Superior Oil Company

Date  
5/4/82

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  
4-26-82

Registered Professional Engineer and/or Land Surveyor

*[Signature]*

Certificate No. JOHN W. WEST 676  
PATRICK A. ROMERO 6868  
Ronald J. Eidson 3239

C-102 Attachments

Working Interest Owners

The Superior Oil Company	.4948
Yates Petroleum Company	.5052
Total	<u>1.0000</u>

Royalty Owners

Sanford Starman (ORRI)	.03125
Will Mandelberg (ORRI)	.03125
Harold R. De Moss	.05000
Bureau of Land Management	.88750
Total	<u>1.00000</u>



NMAS

New Mexico Archaeological Services, Inc.

P. O. Box 1341

Carlsbad, New Mexico 88220

(505) 887-7646

4 May 1982

Reconnaissance  
Excavation  
Analysis  
Explanation  
Curation

Mr. Don Walker  
THE SUPERIOR OIL COMPANY  
P.O. Box 1091  
Pecos, Texas 79772

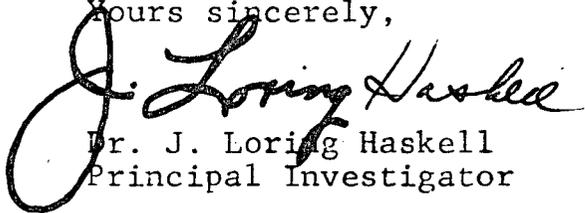


Dear Mr. Walker:

Enclosed please find NMAS' Archaeological Clearance Report for THE SUPERIOR OIL COMPANY's proposed Star Federal Well No. 1 and its associated access road in Eddy County, New Mexico. One archaeological site, (NMAS 5314) was recorded during this reconnaissance. NMAS is suggesting clearance for this project provided the archaeological site is avoided; please consult our report for the suggested mitigation.

If you have any questions pertaining to this report, please call my office. Thank you for asking NMAS to do this reconnaissance.

Yours sincerely,

  
Dr. J. Loring Haskell  
Principal Investigator

Enclosure

cc: Ms. Lorraine Maroney, THE SUPERIOR OIL COMPANY, Midland  
Mr. Thomas Zale, BLM, Carlsbad  
Ms. Ann Ramage, BLM, Roswell  
Mr. George Stewart, USGS, Roswell  
Mr. Curtis Schaafsma, Laboratory of Anthropology,  
Santa Fe  
Mr. Thomas W. Merlan, SHPO, Santa Fe

as

Archaeological Clearance Report

for

THE SUPERIOR OIL COMPANY

Star Federal Well No. 1

Prepared

By

J. Loring Haskell

Submitted

By

Dr. J. Loring Haskell  
Principal Investigator  
New Mexico Archaeological Services, Inc.  
Carlsbad, New Mexico

4 May 1982

Permit No. 81-NM-306

## ABSTRACT

New Mexico Archaeological Services, Inc., representing THE SUPERIOR OIL COMPANY, Pecos, undertook an archaeological reconnaissance of Bureau of Land Management lands scheduled to be impacted by the construction of a drill location and its accompanying access road. The investigated areas are situated in Sections 5 and 6, T16S, R29E, NMPM, Chaves County, New Mexico. One archaeological site (NMA 5314) was recorded during this reconnaissance. Clearance is suggested provided the archaeological site is avoided.

Introduction

On 3 May 1982, New Mexico Archaeological Services, Inc., (NMAS), Carlsbad, undertook for THE SUPERIOR OIL COMPANY, Pecos, an archaeological reconnaissance of federal lands administered by the Bureau of Land Management in Eddy County, New Mexico. The reconnoitered areas will be impacted by the construction of a drill location and its associated access road. This project was advanced by Mr. Don Walker, THE SUPERIOR OIL COMPANY, and administered by Dr. J. Loring Haskell, Principal Investigator, NMAS, Inc. This reconnaissance was undertaken by Dr. Haskell and Mr. David L. Ford, Research Associate, NMAS.

Survey Technique

For this investigation, THE SUPERIOR OIL COMPANY's proposed location was reconnoitered for evidence of man's past activities by walking it in a series of 25 ft wide, close interval (15° or less), zigzag transects. In addition, an added zone embracing to 20 ft on each side of the staked 400 X 400 ft location, and hence lying outside the bounds of the proposed work area, was reconnoitered by a similar means. As for the access road, it was walked in two 25 ft wide transects. Methodologically, this procedure served to promote optimal conditions for the visual examination of areas to be impacted by construction-related activities.

Star Federal Well No. 1

Location

The proposed location will measure 400 X 400 ft on federal lands and will be situated 1980 ft from the north line and 660 ft from the west line of:

Section 5, T16S, R29E, NMPM, Eddy County, NM

Thus it will be situated in:

Lot 5, Section 5, T16S, R29E, NMPM, Eddy County, NM

The associated access road will measure approximately 20 X 2640 ft and will be situated in:

- Lot 5, Section 5, T16S, R29E, NMPM, Eddy County, NM
- Lot 8, Section 6, T16S, R29E, NMPM, Eddy County, NM
- Lot 1, Section 6, T16S, R29E, NMPM, Eddy County, NM

Map Reference: USGS BASIN WELL QUADRANGLE, 7.5 Minute Series, 1953.

Terrain

THE SUPERIOR OIL COMPANY's proposed location will be situated on a ~~Kast~~ Landform which locally is demarcated on the east of a prominent escarpment of Permian-Mesozoic- and Pleistocene-age. This feature serves to demarcate the eastern border of an extensive linearly-shaped collapse structure. Overall, the escarpment is bordered by a system of low- to moderate-sized hummocks. Interdunal areas are connected and subject to heavy sheetwash. Additionally a series of well-marked drainages course through this area and discharges into a well-defined playa at the northern end of the collapse structure. Pedons belong to the Typic Torripsamment and Typic Paleorthid subgroups for the most part. Lithic inclusions include chert and quartzite cobbles as well as sandstone, limestone, caliche, and igneous materials.

Floristics

Chief denizens of local soils are Prosopis juliflora, Larrea tridentata, Rhus microphylla, Atriplex canescens, and Yucca glauca. Important forbs include Lepidium sp., Gutierrezia sarothrae, Lesquerella sp., Croton sp., Salsola kali, and Euphorbia sp. The Gramineae is represented by Aristida sp., Muhlenbergia porterii, Panicum sp., Scleropogon brevifolius, and Tridens pulchellus.

## Cultural Resources

During the course of this reconnaissance, one archaeological site (NMAS 5314) was recorded.

NMAS 5314

Location : Lot 5, Section 5, T16S, R29E, NMPM, Eddy County, NM  
 Lot 8, Section 6, T16S, R29E, NMPM, Eddy County, NM

UTM: Not Available

Map Reference: USGS BASIN WELL QUADRANGLE, 7.5 Minute Series, 1953.

Ownership: Bureau of Land Management

Dimension of Resources: 152 X 365 m

Typological Designation: Speical Activities Zone

Temporality: Jornada Mogollon

Nature of Cultural Resources: NMAS 5314, a special activities zone, is situated near the base of a locally prominent escarpment on a landform of aeolian character. Locally, soils yield copious amounts of chert, quartzite, and igneous cobbles. Additionally, sandstone is available to the northeast on the escarpment. Seeps and springs occur in that area as well. Observed cultural properties include large amounts of chert- quartzite- and chalcedony, primary- secondary- and tertiary decortication flakes, chert and quartzite hammerstones, chert and quartzite cores, exhausted chert and quartzite cores, Chupadero Black-on-white potsherds, Jornada Brown potsherds, several well-defined fire hearths, a burned- highly organic feature, numerous scrapers, bifaces, and utilized flakes, as well as metate and mano fragments. Resources occur as a series of dense concentrations as well as light scatters. Overall, the site is notable for its size and the variety of attendant resources and the materials utilized to manufacture them. Burned caliche is scattered over the entire site with

much of it having been carried to its present resting place by the effects of intensive sheetwash and flooding. Interestingly, this area is supportive of rhyolitic and granitic lithic materials. One granitic biface was observed as was a rhyolitic hammerstone. This site is assignable to the Jornada Mogollon (A.D. 900-1350). Activities focused on the production of flaked-tools, with all stages of their manufacture being represented, and on plant processing and cooking-related tasks. Functionally specific areas are readily apparent at numerous loci. Prehistorically, this area was attractive to social units engaged in the aforementioned tasks due to the presence of large amounts of siliceous lithic material and sandstone. Adding to the attractiveness of the landform, potable water is available nearby in the Mesozoic-aged Dockum Group which locally acts as an aquifer. To this day, local ranchers tap its water for their stock.

Further investigation of this site should help to further our understanding of areal archaeology for number of reasons. Firstly, owing to the unusual variety of lithic material available, it should shed light on the nature of selection preferences as well as techniques of manufacture and finishing. In addition, the burned- highly organic feature should yield significant data relating to the food quest through the analysis of macro- and micro-fossils. Radiometric- and archaeomagnetic- dates may be retrieved from the fire hearths.

### Recommendations

NMAS suggests clearance for THE SUPERIOR OIL COMPANY's proposed location provided the archaeological site is avoided. This can be accomplished by shifting the proposed location to 1480 FNL and 660 FWL, Section 5, T16S, R29E, NMPM, Eddy County, NM. (Fig. 1). As envisioned, there will be a 100 ft buffer zone between the suggested location of the pad and the archaeological site. Additionally, NMAS suggests that the access road run to the west from the southwestern corner of the re-located pad to the existing county road in Section 6. The road has been flagged with pink surveyor's ribbons; flags are considered to be the center of the re-located access road. If additional cultural properties are encountered during construction-related activities, the BLM and NMAS should be notified immediately. Duned settings are notorious for covering and uncovering cultural properties.

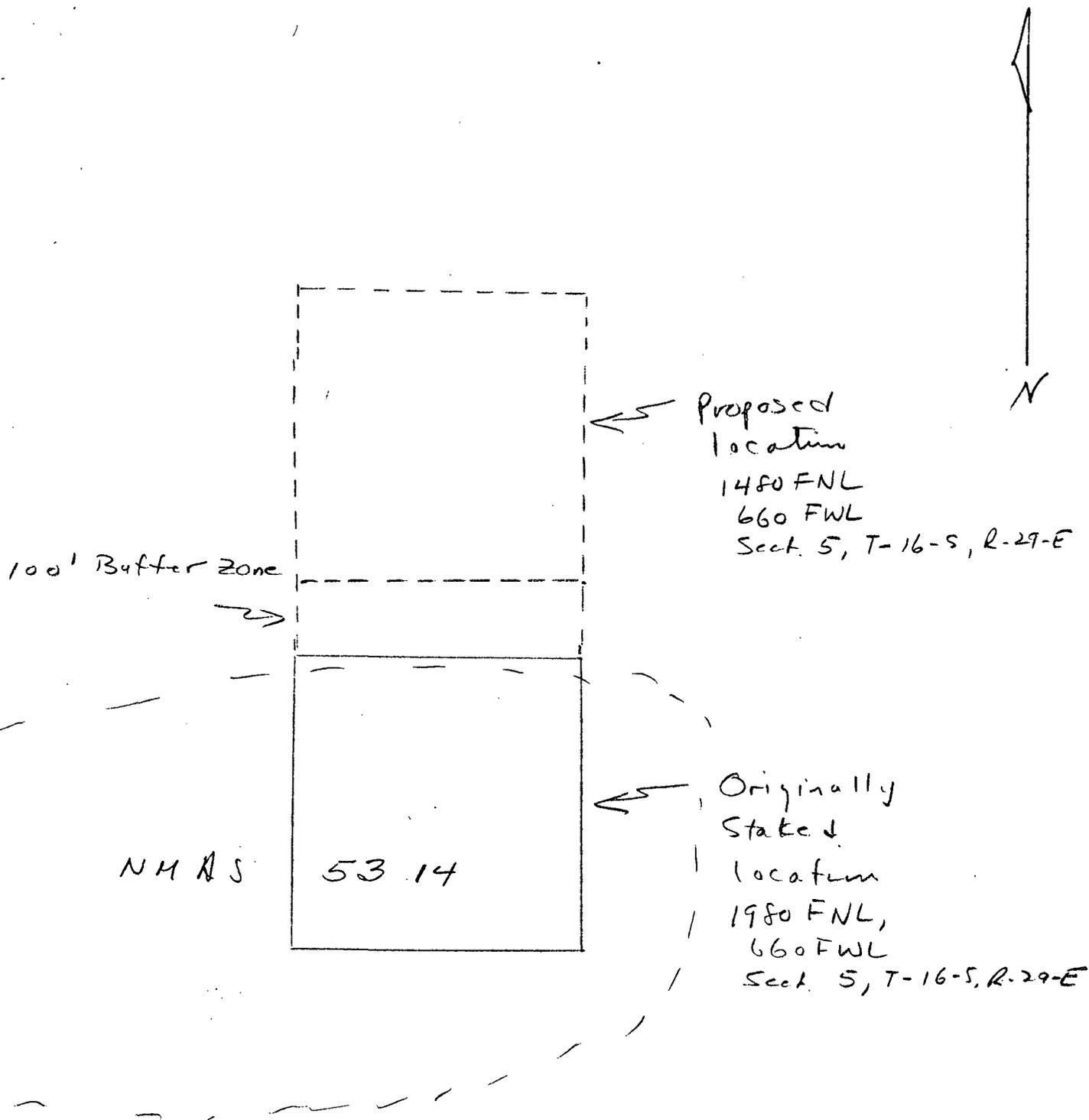
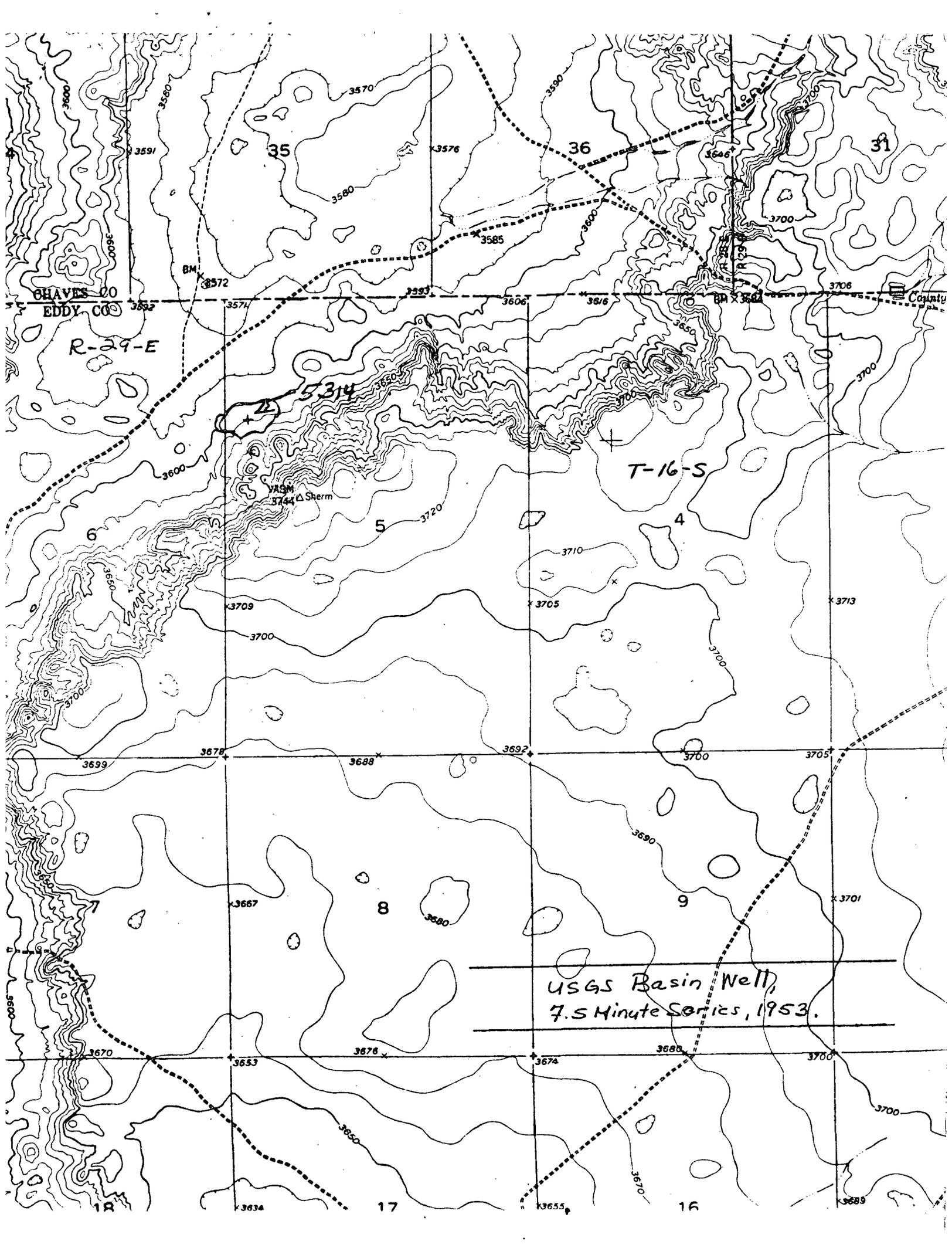
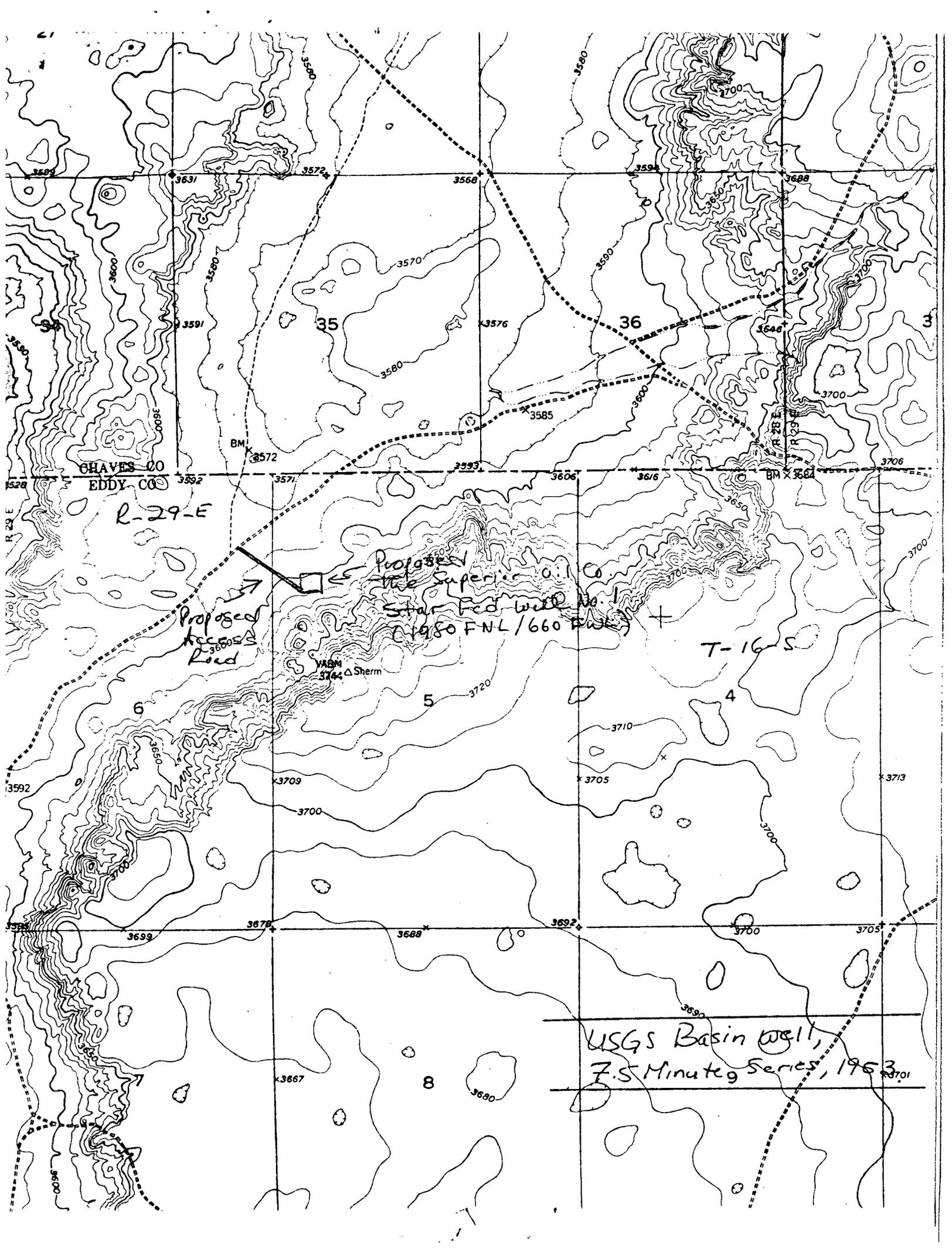


Fig. 1. Schematic representation showing THE SUPERIOR OIL COMPANY's proposed location vis à vis NMAS 5314 and suggested re-location of pad. As envisioned, the new pad will be situated 1480 FNL, 660 FWL, Section 5, T16S, R29E, Eddy County, New Mexico.





CHAVES CO  
EDDY CO

R-29-E

T-16-S

USGS Basin Well,  
7.5 Minute Series, 1963

Proposed  
Star Fed Well No. 1  
(1980 FNL/660 RW)

Proposed  
Access  
Road

BM 5744 Sperm

35

36

6

5

4

8

3572

3566

3688

3591

3576

3646

BM 3572

3585

BM 3684

R 29 E

T 16 S

3592

3709

3705

3713

3699

3678

3688

3692

3700

3705

3667

3680

3701

3580

3580

3600

3580

3570

3580

3580

3600

3700

3700

3528

3592

3571

3593

3606

3616

3684

3706

3599

3699

3678

3688

3692

3700

3705

3667

3680

3701

3700

3700

3700

3700

3710

3700

3692

3696

3667

3667

3692

3692

3701

**SUPERIOR OIL**

1531  
MAY 17 1982  
May 13, 1982  
NSL  
Rule 104F  
Wolfcamp & Permian  
June 6, 1982  
Fms.

State of New Mexico  
Energy and Minerals Department  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Attention: Dick Stametz

Re: Unorthodox Location (SWR #104)  
Star Federal Well #1  
1480' FNL and 660' FWL  
Section 5, T-16-S, R-29-E  
High Lonesome Deep #978  
Eddy County, New Mexico

Protraction Unit  
Lots 3, 4, 6, 6, 11, 12, 13, & 14  
of Sec 5

Gentlemen:

Relative to G. E. Tate's letter of May 4, 1982, and our subsequent telephone conversations, please be advised that Superior has informed all offset operators of its application for an unorthodox location as described above. I sent certified letters dated May 12, 1982, to those whom we did not personally receive waivers from.

Should you need evidence of those letters or any additional information concerning this matter, please call me. I will gladly provide any assistance necessary to expedite the approval of this location.

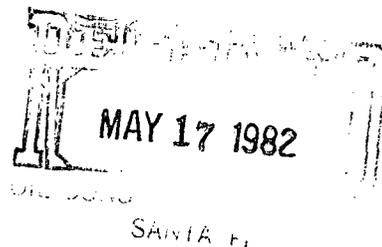
Very truly yours,

THE SUPERIOR OIL COMPANY

*Fred E. Schantz*  
Fred E. Schantz

FES/crh

**SUPERIOR OIL**



May 12, 1982

Texas Oil and Gas Corporation  
900 Wilco Building  
Midland, Texas 79701

Attention: Charlie Ace

Re: USA NM-15439  
High Lonesome Deep #978  
Eddy County, New Mexico

Gentlemen:

Please be apprised that The Superior Oil Company, as operator under the above described lease, is applying to The New Mexico Oil Conservation Division (OCD) for approval of our unorthodox gas well location in connection with the drilling of the Star-Federal well, located 1,480' FNL & 660' FWL of Section 5, T-16-S, R-29-E.

In order that we may satisfy the OCD that there is no objection to our application from offset operators, we hereby request that your company indicate its consent to said unorthodox location by signing in the space provided below.

Due to the June 1, 1982, expiration date of our lease, we would appreciate your urgent attention in this matter. We request your immediate response.

Very truly yours,

THE SUPERIOR OIL COMPANY

Fred E. Schantz

FES/crh

We have no objection to Superior's unorthodox well location.

Signed this \_\_\_\_\_ day of May, 1982.

TEXAS OIL AND GAS CORPORATION

By \_\_\_\_\_

CERTIFIED MAIL

**SUPERIOR OIL**

MAY 17 1982  
OIL CONSERVATION DIVISION  
SANTA FE

May 12, 1982

R. M. Patterson  
3947 Broadway  
Kansas City, Missouri 64111

Re: USA NM-15439  
High Lonesome Deep #978  
Eddy County, New Mexico

Gentlemen:

Please be apprised that The Superior Oil Company, as operator under the above described lease, is applying to The New Mexico Oil Conservation Division (OCD) for approval of our unorthodox gas well location in connection with the drilling of the Star-Federal well, located 1,480' FNL & 660' FWL of Section 5, T-16-S, R-29-E.

In order that we may satisfy the OCD that there is no objection to our application from offset operators, we hereby request that your company indicate its consent to said unorthodox location by signing in the space provided below.

Due to the June 1, 1982, expiration date of our lease, we would appreciate your urgent attention in this matter. We request your immediate response.

Very truly yours,

THE SUPERIOR OIL COMPANY

Fred E. Schantz

FES/crh

We have no objection to Superior's unorthodox well location.

Signed this \_\_\_\_\_ day of May, 1982.

R. M. PATTERSON

By \_\_\_\_\_

CERTIFIED MAIL

**SUPERIOR OIL**

MAY 17 1982

May 12, 1982

Holly Energy, Inc.  
2600 Diamond Shamrock Tower  
Lockbox 23  
717 North Harwood  
Dallas, Texas 75201

Attention: W. H. Boyles

Re: USA NM-15439  
High Lonesome Deep #978  
Eddy County, New Mexico

Gentlemen:

Please be apprised that The Superior Oil Company, as operator under the above described lease, is applying to The New Mexico Oil Conservation Division (OCD) for approval of our unorthodox gas well location in connection with the drilling of the Star-Federal well, located 1,480' FNL & 660' FWL of Section 5, T-16-S, R-29-E.

In order that we may satisfy the OCD that there is no objection to our application from offset operators, we hereby request that your company indicate its consent to said unorthodox location by signing in the space provided below.

Due to the June 1, 1982, expiration date of our lease, we would appreciate your urgent attention in this matter. We request your immediate response.

Very truly yours,

THE SUPERIOR OIL COMPANY

Fred E. Schantz

FES/crh

We have no objection to Superior's unorthodox well location.

Signed this \_\_\_\_\_ day of May, 1982.

HOLLY ENERGY, INC.

CERTIFIED MAIL

By \_\_\_\_\_

The Superior Oil Company

Midland Exploration Division  
P.O. Box 1900, Midland, TX 79702, (915) 683-5251