

OIL CONSERVATION DIVISION

RECEIVED

LAW OFFICES

LOSEE, CARSON, HAAS & CARROLL, P. A.

ERNEST L. CARROLL  
JOEL M. CARSON  
JAMES E. HAAS  
A. J. LOSEE

DEAN B. CROSS  
MARY LYNN BOGLE

300 YATES PETROLEUM BUILDING  
P. O. DRAWER 239  
ARTESIA, NEW MEXICO 88211-0239

TELEPHONE  
(505) 746-3505  
TELECOPY  
(505) 746-6316

SEP 26 AM 9 22

August 23, 1991

*Case 10379  
T.M.S.*

Mr. Michael Stogner, Examiner  
New Mexico Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Re: Application of Thomas Ray Sivley for an  
Unorthodox Oil Well Location, Filed August 9,  
1991

Dear Mr. Stogner:

On August 9, 1991, the above-referenced application was received by the Oil Conservation Division. Applicant is the operator of all the proration units adjoining the subject proration unit to the east, south and west. Mr. Sivley in fact operates the entire south half of Section 28. The north half of Section 28 is operated by Union Oil Company. I am enclosing a waiver of objection to my client's application for an unorthodox well, executed on behalf of Union Oil Company. Pursuant to Rule 104(F)(4), we would request that the Commission approve said unorthodox location. If there is further information that you require before said application can be granted, please advise.

Very truly yours,

LOSEE, CARSON, HAAS & CARROLL, P.A.

*Ernest L. Carroll*  
Ernest L. Carroll

ELC:kth  
Enclosure

cc: Thomas Ray Sivley

BEFORE THE OIL CONSERVATION DIVISION  
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE APPLICATION OF  
THOMAS RAY SIVLEY FOR AN UNORTHODOX  
OIL WELL LOCATION, LEA COUNTY,  
NEW MEXICO

---

:  
: CASE NO. \_\_\_\_\_  
:  
:  
:

WAIVER

As an offset operator, UNION OIL COMPANY has no objections to Thomas Ray Sivley's proposal to his proposed Silver Federal Lease No. 2 Well at a location 1400' from the south line and 1600' from the east line of Section 28, Lea County, New Mexico.

UNION OIL COMPANY

By: Charles Pietsch

Advanced Petroleum Engineer  
Title

8-19-91  
Date

LAW OFFICES

LOSEE, CARSON, HAAS & CARROLL, P.A. OIL CONSERVATION DIVISION

ERNEST L. CARROLL  
JOEL M. CARSON  
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TELEPHONE  
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(505) 746-6316

'91 SEP 19 AM 8 46

September 16, 1991

Mr. Michael Stogner, Examiner  
New Mexico Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Re: Application of Thomas Ray Sivley for an  
Unorthodox Oil Well Location, No. 10379

Dear Mr. Stogner:

Pursuant to our conversation of today, I am enclosing herewith a land plat, a letter from N. Raymond Lamb, Engineer, and a geological map which shows that the need for the unorthodox location is geologically motivated.

If there is anything else I can provide to you, do not hesitate to let me know.

Very truly yours,

LOSEE, CARSON, HAAS & CARROLL, P.A.



Ernest L. Carroll

ELC:kth  
Enclosure

20  
(Andarho)  
Tel. 3190

Getty  
5.1.70  
C63783  
U.S.

H.E. Yates  
8.1.90  
63030  
Ceres Serv. KGS  
Willis-Fed  
Gackle  
Texaco-Fed.  
Yates Disc.  
Plg 12.6.63

Yates Pet, et al  
7.1.95  
62605  
15623  
KGS  
Mary Will  
Yates  
Flint  
Pet. et al  
P03368 - 6.1.94  
181705  
3500  
U.S.

West'n Drilg  
Lee-Sr.  
TD3780  
D/A 33157  
PROPOSED LOCATION  
OWNED BY SIVLEY  
Superior  
Superior  
Gulf-St.  
2.4 Mil.  
DEEP UT. 32  
OPER. Phillips  
HBP  
E-1922  
ENTERPRISE (DP) UNIT

TD3322  
21  
D/A 10-30-64  
Wallen Prod.  
Wallen Bass  
TD 3607  
Wallen Prod.  
Wallen Bass  
U.S.  
Wilson P93  
Muse  
103753

Wallen Prod.  
Wallen-Fed.  
Hudson et al  
Singleton  
TD 3720  
Blanco  
TD 3846  
Co. 1324 M.I. Corp.  
Sin. et al  
Union  
5.24.76 5.18.76  
15.17.76 5.14.76  
DC Berry et al  
Sin. et al  
W.T. Wyman et al  
T.R. Sivley  
(Mercury Expl.)  
3998-13,875  
39256  
"Feds Silver"  
Mercury Expl.  
(Superior)  
W. Lynch et al  
U.S.

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Perry  
TD 3790  
C. Folsom Maralo  
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12000 11500  
Pogo et al  
Craig Ltd. et al  
10.1.89 59046  
41503  
KGS

Wallen Prod. Bass  
Wallen Bass  
Wilson P93  
Muse  
103753  
Hudson et al  
Singleton  
TD 3720  
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Craig Ltd. et al  
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KGS

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Sine.  
Ballard  
TD 3750  
(Vogel-B)  
Off. Fed.  
Yates  
Disc  
Cox E.  
Hampn  
HBP  
Berry  
054124  
Yucca  
Engl  
(1082)  
Yates  
5138  
Exhibit C  
1061144  
Estacada  
3672  
IC  
Han.

PROPOSED LOCATION  
SECTION 28  
TOWNSHIP 20 S  
RANGE 34 E  
1400' FSL & 1600' FEL  
FEDERAL SILVER #2  
LEA COUNTY, NEW MEXICO  
Hondo OEG  
10616  
"Roy  
er Fed  
3797  
1159  
Y

27  
Engwall  
Amoco  
Hondo OEG  
(DE)  
0897wo.937  
3 A  
"Fletcher Fed."  
Amoco Olsen En.  
Gulf  
E Kinney  
Gulf Fed  
Hondo 029519  
60393  
S.I. DE  
2 B "Fech. Xeo"  
60393 "Lynch" U.S. M.O.  
Gulf Fed Ivan L. Skeen

28  
D.C.  
Berry  
Wollen Prod.  
Wollen Kinney  
Yates  
Pet. et al  
6.1.94  
8105  
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Armstrong  
Ener.  
10.1.93  
77087  
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Santa Fe Ener.  
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Norsworthy 83092  
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C. Folsom Maralo  
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Pogo et al  
Craig Ltd. et al  
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41503  
KGS  
Hondo OEG  
HBP  
082  
KGS  
Featherstone  
Roach-Fed  
8 WI  
029519

# N. RAYMOND LAMB

Petroleum Consultant  
First National Bank Building  
Suite 305  
Artesia, New Mexico 88210  
(505) 746-3651

September 16, 1991

Mr. Ernest L. Carroll  
Losee, Carson, Haas & Carroll, P. A.  
P. O. Drawer 239  
Artesia, New Mexico 88211-0239

Re: Application of T. R. Sivley for Unorthodox  
Location, Section 28, Township 20 South,  
Range 34 East, N.M.P.M., Lea County, New  
Mexico

Dear Mr. Carroll:

The application for subject unorthodox location identified the producing zone as "Lynch Formation." This identity is commonly used in the field but for your records, the pool is "Lynch," the formation is primarily "Seven Rivers" and secondarily "Yates" formations.

The Seven Rivers is the usual dolomite with vuggy porosity some 75' below the top of formation.

The accumulation is from an anticlinal structure with an active water drive energy from the flank of the structure. The operator has proposed a well on the apex of the structure to recover oil that would otherwise not be recovered.

Very truly yours,

  
N. Raymond Lamb





**NMAS**  
**New Mexico Archaeological Services, Inc.**

P.O. Box 1341  
Carlsbad, New Mexico 88221-1341  
(505) 887-7646 • FAX (505) 885-2587

21 October 1991

Reconnaissance  
Excavation  
Analysis  
Explanation  
Curation

Mr. Thomas R. Sivley  
6509 Wilton  
Fort Worth, Texas 76133

Dear Mr. Sivley:

Enclosed please find NMAS' Addendum to 21 August 1991 Archaeological Clearance Report for THOMAS R. SIVLEY's proposed Federal Silver Well No. 2 and its associated access road in Lea County, New Mexico. No cultural resources were recorded during these surveys; therefore, NMAS is suggesting clearance for all proposed work.

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

Yours sincerely,

Dr. J. Loring Haskell  
Principal Investigator

Enclosure

cc: Mr. George Rubelemann, BLM, Carlsbad

as

Archaeological Clearance Report

for

Thomas R. Sivley

Addendum to  
Report Dated  
21 August 1991  
Federal Silver Well No. 2 and Access Road

Prepared

By

Dr. J. Loring Haskell

Submitted

By

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

21 October 1991

Permit No. 14-2920-91-K

Report Number: NMAS-1991-29-0

## ABSTRACT

New Mexico Archaeological Services, Inc., representing THOMAS R. SIVLEY, undertook an additional Class III survey of Bureau of Land Management land scheduled to be impacted by the construction of a drill location and its associated access road. Field work was conducted under sunny conditions with high, thin cirrus, and light southeasterly winds during the morning. The proposed location will measure 400 X 400 ft (actual area surveyed 4.44 acres). The access road will measure 100 X 75 ft (actual area surveyed 0.34 acre). Total surveyed acreage 4.78 acres. They will be situated in Section 28, T20S, R34E, NMPM, Lea County, New Mexico. No cultural properties were recorded during these surveys; therefore, NMAS is suggesting clearance for all proposed work.

## Introduction

On 20 October 1991, New Mexico Archaeological Services, Inc., (NMAAS), Carlsbad, (Permit Number: 14-2920-91-K), undertook for THOMAS R. SIVLEY, an expanded archaeological survey of federal land administered by the Bureau of Land Management in Lea County, New Mexico. The reconnoitered area will be impacted by the construction of a drill location and its associated access road. These surveys were undertaken by Dr. Haskell.

## Survey Technique

For these investigations, THOMAS R. SIVLEY's proposed location was reconnoitered for evidence of man's past activities by walking it in a series of 8.0 m wide, close interval (15° or less), zigzag transects. In addition, an added zone extending 20 ft on each side of the staked 400 X 400 ft location, and lying outside the bounds of the proposed work area, was reconnoitered by a similar means. The access road was walked in two, 15 m wide transects. At its juncture with the existing lease road, the surveyed area was broadened to embrace an area measuring 100 X 150 ft. Lath is considered to be the center of the proposed road. Methodologically, this procedure served to promote optimal conditions for the visual examination of the area to be impacted by construction-related activities. Field work was conducted under sunny conditions with high, thin cirrus and light southeasterly winds during late morning. Ground visibility ranges between 75 and 85%. Field time 25 minutes.

## Federal Silver Well No. 2

Location

The proposed location will measure 400 X 400 ft (actual area surveyed 4.44 acres) on federal land and will be situated 1600 ft from the east line and 1500 ft from the south line.,

Section 28, T20S, R34E, NMPM, Lea County, NM

Thus it will be situated in the:

NW $\frac{1}{4}$ SE $\frac{1}{4}$ , Section 28, T20S, R34E, NMPM, Lea County, NM

The associated access road will measure 100 X 75 ft (actual area surveyed 0.34 acre) and will be situated in the:

NW $\frac{1}{4}$ SW $\frac{1}{4}$ , Section 28, T20S, R34E, NMPM, Lea County, NM

Map Reference: USGS LEA QUADRANGLE, 7.5 Minute Series, 1984.

Level of Previous Impact

The location is bordered by a pipeline on the south.

Cultural Resources

Prefield: 15 October 1991, Section 28 (no archaeological sites), T20S, R34E, Arita K. Slate.

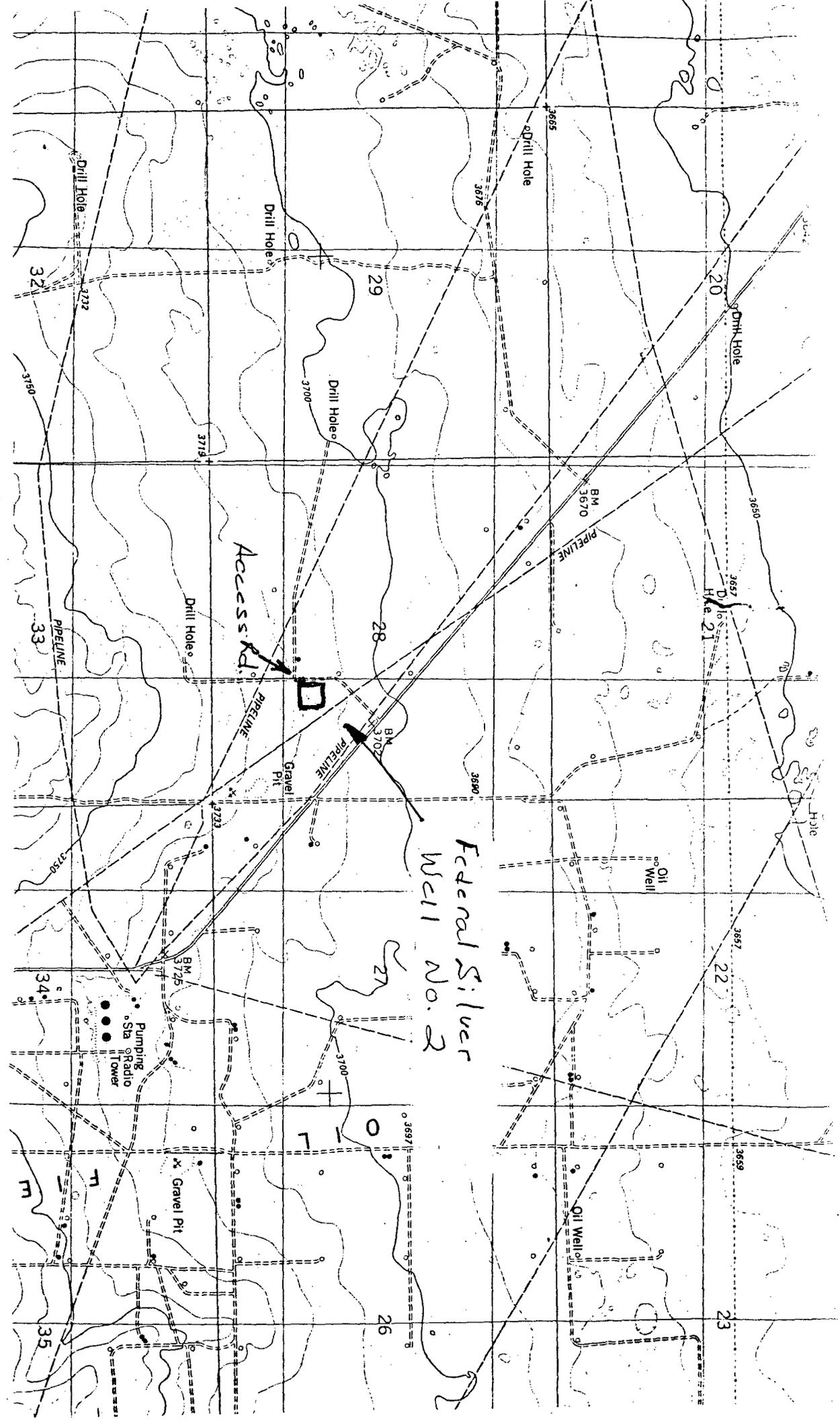
No cultural properties were recorded during the course of this survey. Albeit not encountered, expected cultural properties, should they occur, should include isolated, random occurrences of debitage, cores, angular debris, projectile points, scrapers, graters, etc. Isolates, always occurring on a random, non-patterned basis, reflect en passant utilization of the landform in the past.

Recommendations

NMAS recommends clearance for THOMAS R. SIVLEY's proposed Federal Silver Well No. 2 and its access road and suggests

that work-related activities proceed in accordance with company plans (Fig. 1). Clearance, of course, is granted by the Bureau of Land Management. If cultural resources are encountered during construction, the BLM and NMAS should be notified immediately. Duned settings are notorious for covering and uncovering cultural properties.

Fig. 1. USGS LEA QUADRANGLE, 7.5 Minute Series, 1:24,000, 1984, showing THOMAS R. SIVLEY'S Proposed Federal Silver Well No. 2, 1600' FEL, 1500' FSL, and access road, Section 20, T20S, R34E, NMPM, Lea County, NM



TEXAS-NEW MEXICO PIPE LINE COMPANY



B. L. LEDNICKY  
DISTRICT MANAGER

P. O. BOX 2528  
HOBBS, NM 88241-2528

October 16, 1991

Mr. T. R. Sivley  
6509 Wilton Avenue  
Fort Worth TX 76133

RE: Federal Silver Lease No. 2  
S20, T20S, R34E

Texas-New Mexico Pipe Line Company is agreeable to your planned drill pad being built over the existing gathering line if no cover is removed from the pipeline and the distance from this pipe line to the south edge of your pad is 10 feet or less.

We are also requesting that, if it is possible during construction, the edge of the pad be located over our pipeline.

Yours very truly,

JBH:JLG

cc: DEB  
BLM  
§Berry Hunt  
PO Box 1778  
Carlsbad NM 88220-1778

JBHGEN7

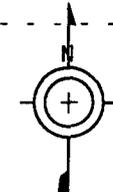
NW-1/4 of SE-1/4  
Section 28

Unit J

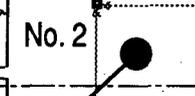
Main Field Road

Lease road

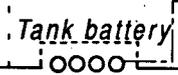
Sivley  
Federal-Silver No. 1



205'

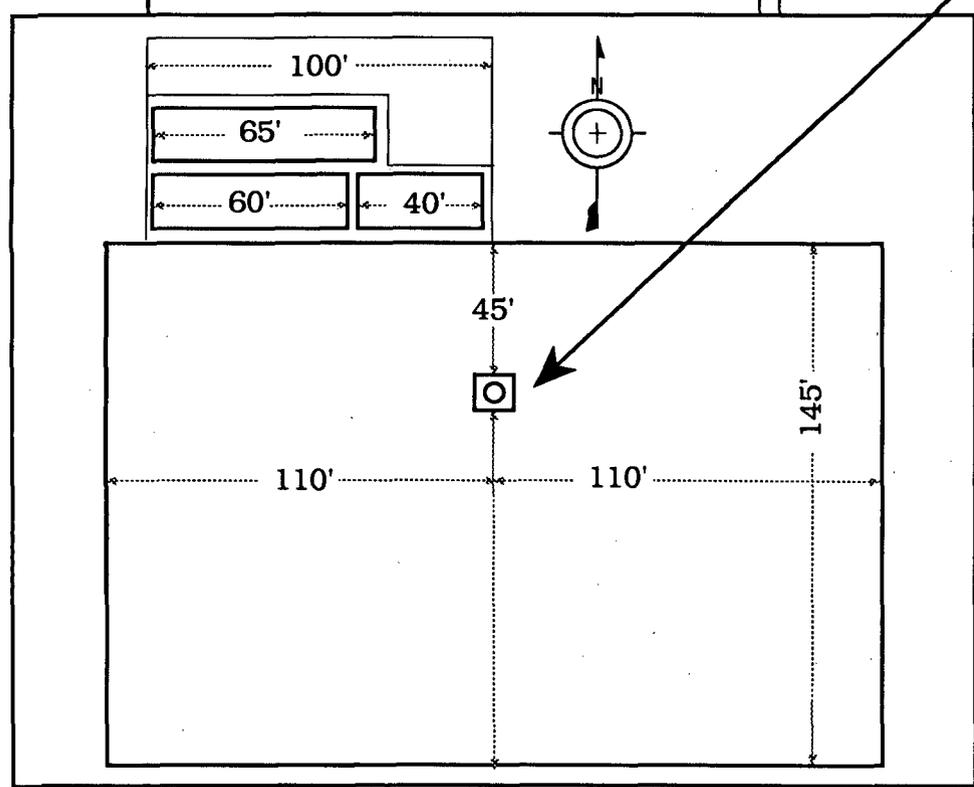


1600' FEL



Texas & New Mexico Pipeline

Unit O



1500' FSL

Federal Silver Lease No. 2  
NW-1/4 of SE-1/4,  
S-28, T-20-S, R-34-E  
1600 FEL, 1500 FSL  
LEA COUNTY, NEW MEXICO  
Scale: 1' = 220'

**Thomas R. (Bob) Sivley**  
6509 Wilton Ave., Fort Worth, Texas (817)292-3283

OIL CONSERVATION DIVISION  
RECEIVED

'91 OCT 28 AM 10 15

Oct. 24, 1991

William Lemay  
Oil Conservation Division  
P. O. Box 2088  
State Land Office Building  
Santa Fe, New Mexico 87504

**SUBJECT: Federal Silver Lease, Well No. 2, S28-T20S-R34E,  
1600 FEL & 1500 FSL (Amend location: 100' North  
from original approved location)**

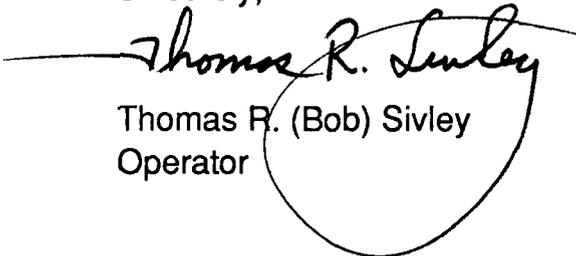
Dear William,

As per instructions from; Jerry Sexton, OCD, Hobbs, Texas & New Mexico Pipeline and the BLM we are informing you of our desire to move/amend the location of the Federal Silver Lease No. 2, to 100 ft. North of the approved location, (**Administrative Order: NSL-3057, Case No. 10379**) in order to skirt an existing gathering line.

As per the instructions of Berry Hunt, BLM, Carlsbad, New Mexico we have done the following in order to comply with State and Federal regulations: (i) Re-Survey the location and have the **1600 FEL & 1500 FSL** staked by John West, Hobbs, NM, (ii) have a new **Archaeological Study** done by **NMAS, Carlsbad, NM**, (iii) have a letter of confirmation from; Jessie Hildebrand, **Texas & New Mexico Pipeline** saying that they have no objections to us building the drilling pad which skirts their existing gathering line. (All of the above are included for your records.)

We have tentatively scheduled a drilling rig for; **Nov. 4, 1991**, so we will have to build the road and pad the last week of October. If there are any problems with this change please let me know at your earliest convenience.

Sincerely,

  
Thomas R. (Bob) Sivley  
Operator

Submit to Appropriate  
District Office  
State Lease - 4 copies  
Fee Lease - 3 copies

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised 1-1-89

**OIL CONSERVATION DIVISION**

**DISTRICT I**  
P.O. Box 1980, Hobbs, NM 88240

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

**DISTRICT II**  
P.O. Drawer DD, Artesia, NM 88210

**DISTRICT III**  
1000 Rio Brazos Rd., Aztec, NM 87410

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

All Distances must be from the outer boundaries of the section

Operator THOMAS R. SIVLEY			Lease FEDERAL SILVER		Well No. 2
Unit Letter J	Section 28	Township 20 SOUTH	Range 34 EAST	County LEA	
Actual Footage Location of Well: 1600 feet from the EAST line and 1500 feet from the SOUTH line					
Ground level Elev. 3714.3	Producing Formation		Pool	Dedicated Acreage:  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).
- If more than one lease of different ownership is dedicated to the well, have the interest 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 interest, has been approved by the Division.

**OPERATOR CERTIFICATION**

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

Signature: *Thomas R. Sivley*

Printed Name: Thomas R. Sivley

Position: Operator

Company: Ind. Oil Operator

Date: 10-14-91

**SURVEYOR CERTIFICATION**

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: 10-11-91

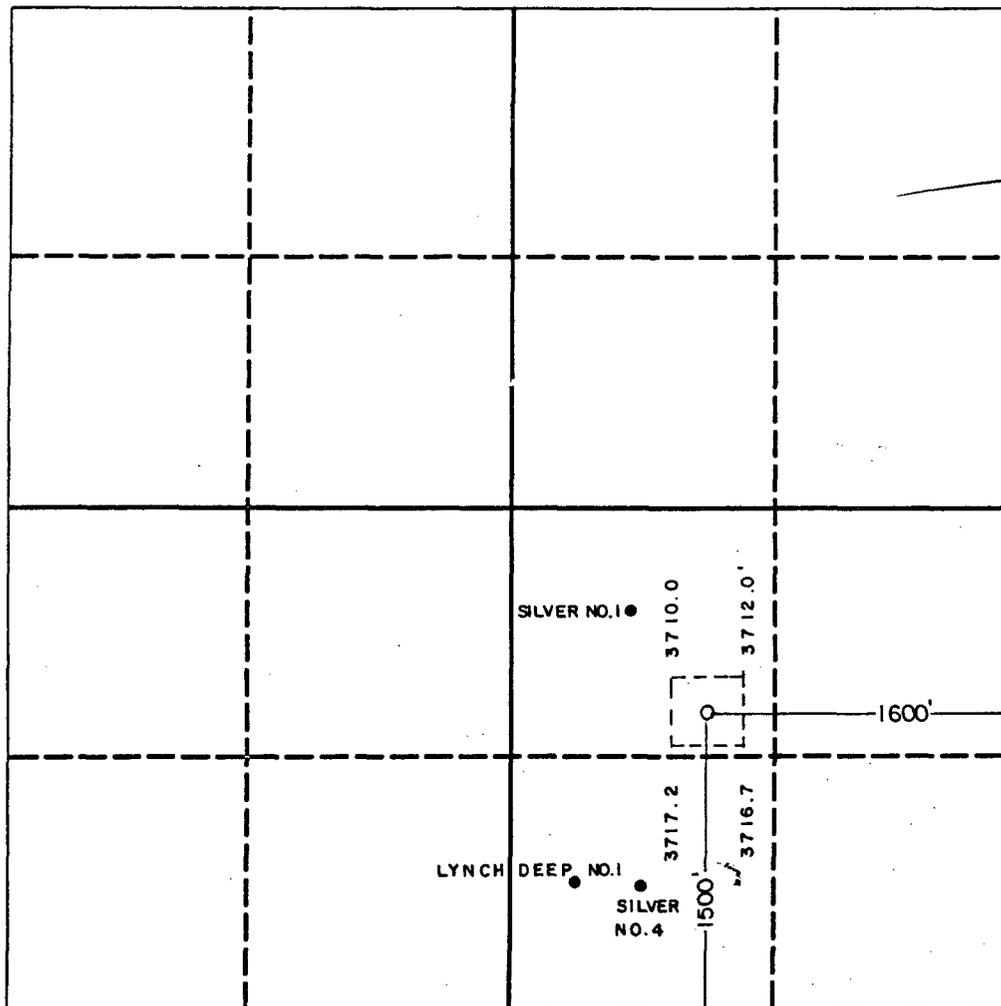
Signature & Seal of Professional Surveyor

*Ronald J. Eidson*

REGISTERED LAND SURVEYOR  
No. 3334

Certificate No. JOHN W. WEST, 676  
RONALD J. EIDSON, 3239

NEW MEXICO  
RONALD J. EIDSON



128630