

Release August 13, 1985
Addit. Info. received

B4 DEC



SOHIO PETROLEUM COMPANY

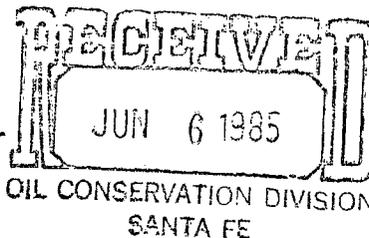
MIDLAND, TEXAS 79705
10 DESTA DRIVE - SUITE 600 WEST
915-688-9200

May 31, 1985

NSL - 2120
RULE - 104F(II)

Mr. David Catanach
New Mexico Commission
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico

*Undesignated Morrow -
Wellcamp/ 320 Acres
deducted - EL Sect. 36*



RE: Salado Federal Unit #2
990' FEL & 1075' FSL
Section 36, T25S, R33E
Lea County, New Mexico

Enclosed for your approval are forms C-101, C-102, an Isopach map, and Lease map regarding the above subject well. This well is planned to be spudded on or before July 1, 1985 to fulfill terms of our operating agreements. The T.D. of the well is 16,400' in the Morrow formation.

Based upon geological considerations as presented in the original unit proposal, the most prospective location for Morrow potential lies in the extreme southeast portion of Section 36. As a result, the well was originally planned at a location 660' FEL and 990' FSL as allowed by administrative approval. However, existing topographical conditions necessitate moving the location an additional 330' West and 85' North in order to be located a sufficient distance from the existing county road. Sohio hereby requests your consent and administrative approval of an unorthodox location as outlined in the requirements of Rule 104C.II.(a) found in the State of New Mexico O.C.D. Rules and Regulations Manual.

Waivers from offset operators have been requested and will be forwarded at the earliest possible date. Copies of the requested waivers are attached for your convenience. If you have any questions or if we can be of any help in expediting permit approval, please call Linda Wooten at (915) 688-9200. We appreciate your help in this matter.

Sincerely,

E. A. Rike
District Drilling Engineer

EAR/tc
Doc 0596D

Enclosures

*Case
8365
R-7698*

cc: New Mexico Commission - Hobbs, New Mexico
BLM Office
D. Leonhardt - Sohio (Dallas)
Well File

NO. OF COPIES RECEIVED		
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SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE FEE

5. State Oil & Gas Lease No.
N/A

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
SOHIO PETROLEUM COMPANY

3. Address of Operator
#10 DESTA DRIVE, 600 WEST, MIDLAND, TEXAS 79705

4. Location of Well
UNIT LETTER P LOCATED 1075' FEET FROM THE South LINE
AND 990' FEET FROM THE East LINE OF SEC. 36 TWP. 25S RGE. 33E NMPM

7. Unit Agreement Name
N.E. Salado Draw (Deep) Unit

8. Farm or Lease Name
SALADO FEDERAL UNIT

9. Well No.
2

10. Field and Pool, or Wildcat

12. County
LEA

19. Proposed Depth
16,400'

19A. Formation
MORROW/WLFCMP.

20. Rotary or C.T.
ROTARY

21. Elevations (Show whether DF, RT, etc.)
3121.0'

21A. Kind & Status Plug. Bond
ON FILE

21B. Drilling Contractor
UNKNOWN

22. Approx. Date Work will start
7-1-85

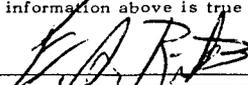
PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
20"	16"	65 & 75	1000'	2000	Surface
12 1/4"	10 3/4"	51	5200'	5400	Surface
9 1/2"	7 3/4"	46.1	13,000'	3500	5000'
6 1/2"	5"	23.2	16,400-12,700'	400	12,600'

SEE ATTACHED BOP PROGRAM AND WELLHEAD EQUIPMENT

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed E.A. RIKE  Title DISTRICT DRILLING ENGINEER Date 5-29-85

(This space for State Use)

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.

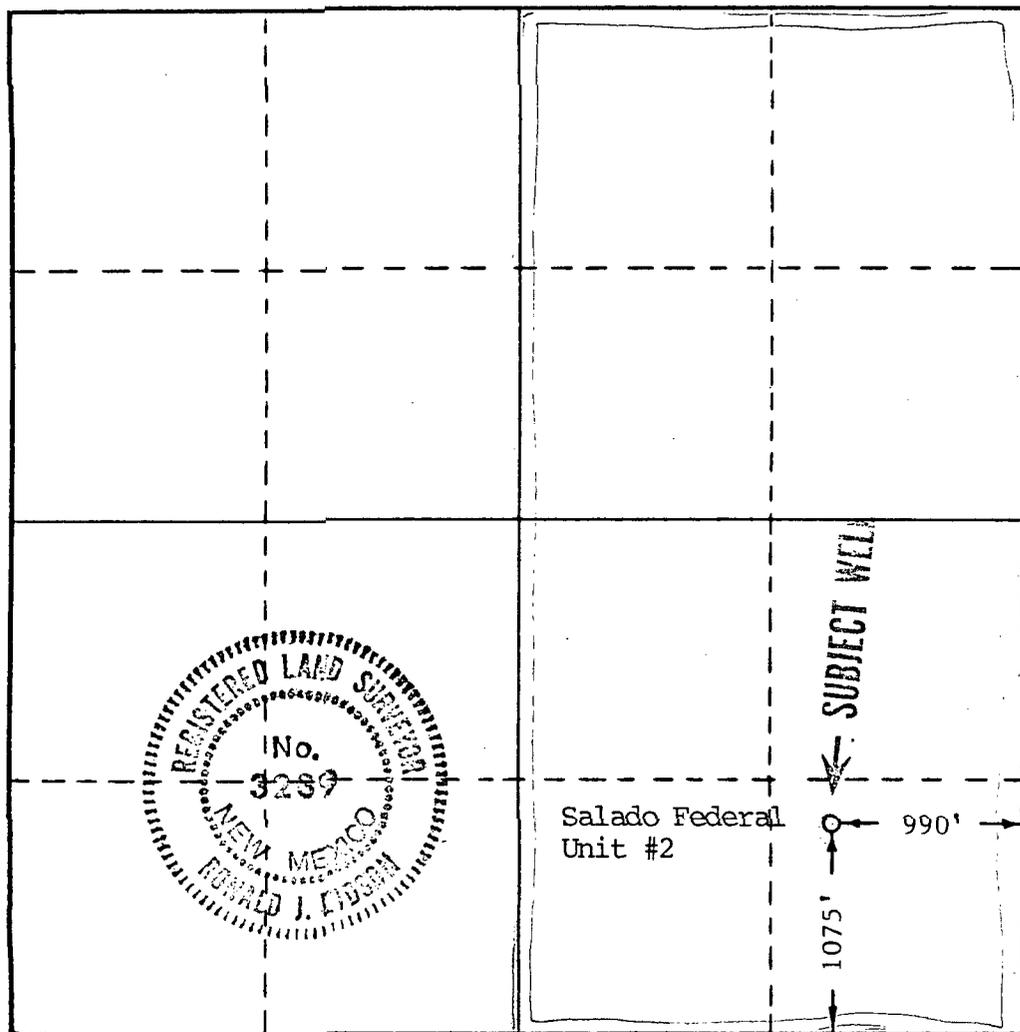
Operator Sohio Petroleum Company			Lease Salado Fed. Unit		Well No. 2
Unit Letter P	Section 36	Township 25-South	Range 33-East	County Lea	
Actual Footage Location of Well: 1075 feet from the South line and 990 feet from the East line					
Ground Level Elev. 3121.0'	Producing Formation MORROW/WOLFCAMP		Pool	Dedicated Acreage: 320 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 Unitization

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.

E.A. Rike
Name

E.A. Rike
Position

District Drilling Engineer
Company

Sohio Petroleum Company

Date
5-28-85

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.

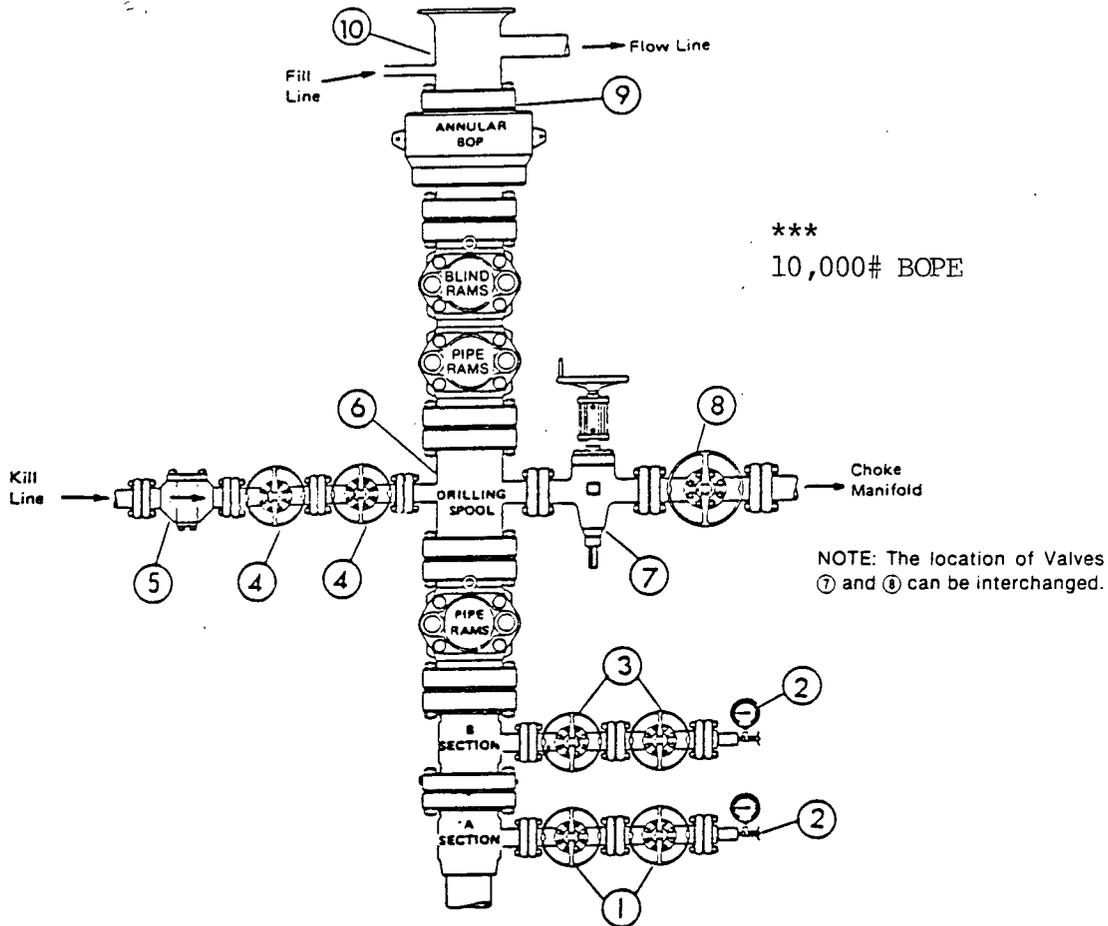
Date Surveyed
4-14-85

Registered Professional Engineer and/or Land Surveyor

Ronald J. Eidson
Certificate No. JOHN J. WEST, 676
RONALD J. EIDSON, 3239



FOUR PREVENTER STACK



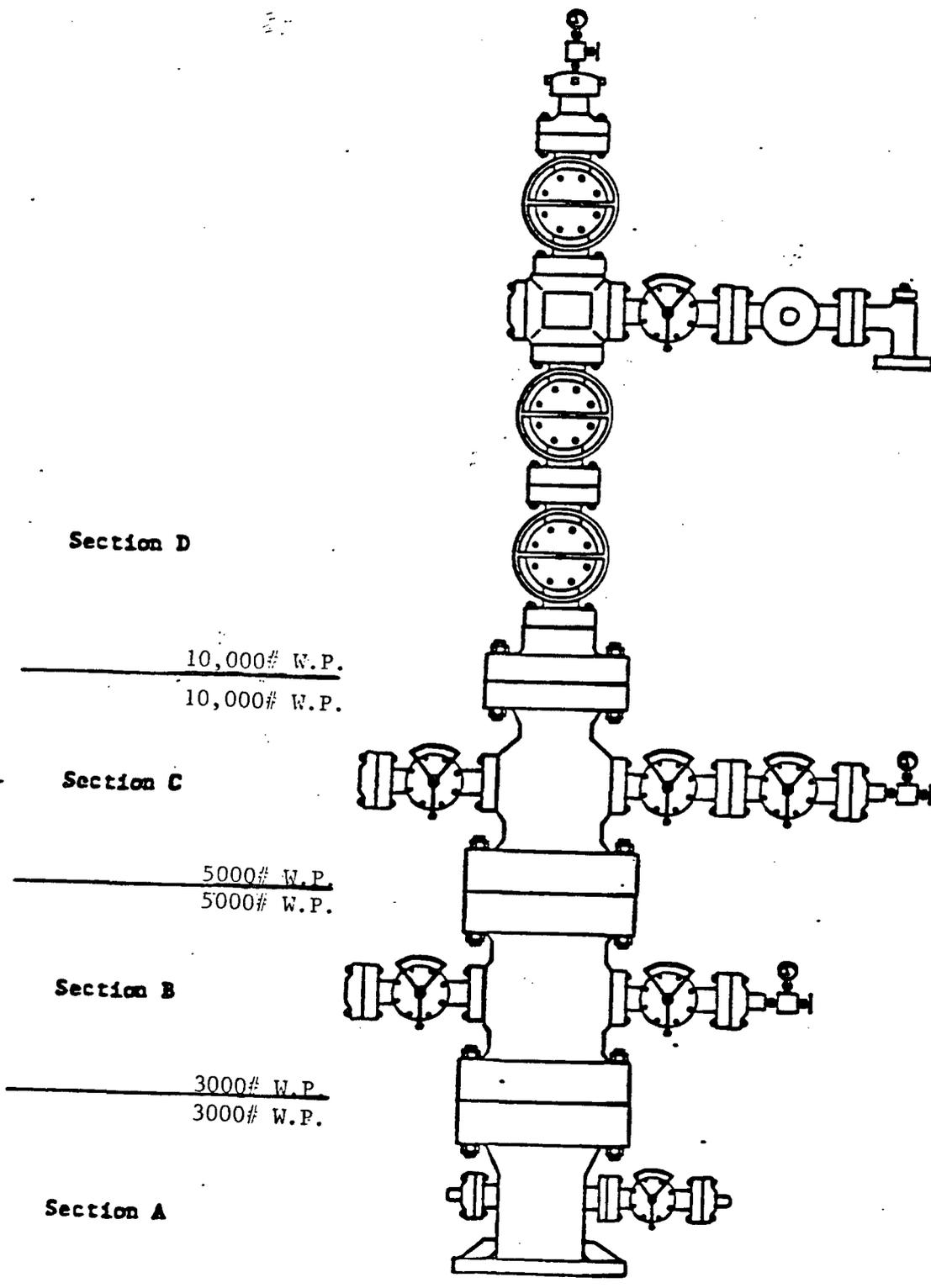
COMPONENT SPECIFICATIONS

- | | |
|--|--|
| <p>① Flanged gate valves — 2" minimum I.D. — same working pressure as "A" Section. The outside valve is the working valve during drilling operations. This valve is removed and reused after completion.</p> <p>② Tee with tapped bullplug, needle valve, and pressure gauge.</p> <p>③ Flanged gate valve — 2" minimum I.D. — same working pressure as 'B' section.</p> <p>④ Flanged gate valve — 2" minimum I.D. — same working pressure as BOP stack.</p> <p>⑤ Flanged spring-loaded type check valve — 2" minimum I. D. — same working pressure as BOP stack.</p> | <p>⑥ Drilling spool — Two flanged side outlets — 3" choke and 2" kill line minimum I. D.'s.</p> <p>⑦ Flanged hydraulically controlled gate valve — 3" minimum I. D. — same working pressure as BOP stack.</p> <p>⑧ Flanged gate valve — 3" minimum I.D. — same working pressure as BOP stack.</p> <p>⑨ Top of annular preventer must be equipped with an API flange ring gasket. All flange studs must be in place or holes filled in with screw type plugs.</p> <p>⑩ The I. D. of the bell nipple must not be less than the minimum I. D. of the BOP stack.</p> |
|--|--|

NOTES:

- A. Unless specified otherwise in the Bid Letter and/or Contract, the contractor will furnish and maintain all components shown except the "A" and "B" sections and items 1 and 2, which will be furnished by Sohio.
- B. The choke line between the drilling spool and choke manifold should not contain any bend or turn in the pipe body. Any bend or turn required should be made with a running tee with a blind flange or welded bullplug. All connections should be flanged or welded. All fabrications requiring welding must be done by a certified welder. Welds should be stress relieved.

10,000 psi Wellhead
and Tree Assembly
for Standard Service



FILE COPY ONLY
RETURN TO FILE



SOHIO PETROLEUM COMPANY

TWO LINCOLN CENTRE - 5420 LBJ FREEWAY
SUITE #1000/LB 03
DALLAS, TEXAS 75240
214-387-5000

May 31, 1985

EXPLORATION & PRODUCTION
MID-CONTINENT DIVISION

✓ Phillips Petroleum Company
P. O. Box 1967
Houston, Texas 77001

Attention: Mr. Cliff Ohr

Re: Sohio Petroleum Company
Federal Unit No. 2 (36-1)
Section 36, T25S, R33E,
Lea County, New Mexico
U-291-42, U.O.A.-291-81

Gentlemen:

Sohio Petroleum Company plans to drill a 16,200' Morrow test in the captioned section. Based on geological considerations the most prospective location for Morrow potential lies in the extreme Southeast portion of Section 36. As a result we called for the location to be staked 660' FEL and 990' FSL of Section 36, however, topographical conditions necessitated the location to be moved an additional 330' West and 85' North in order to be located a sufficient distance from an existing county road.

We request your consent as an offset Operator to grant an exception to well location requirements of Rule 104 C.II.(a) as found in the State of New Mexico O.C.D. Rules and Regulations Manual, for a location 990' FEL and 1075' FSL of Section 36, T25S, R33E, Lea County, New Mexico.

It would be appreciated if you would please signify approval by signing and returning two (2) copies of this letter, one of which will be presented to the New Mexico O.C.D. with our request for an unorthodox location exception.

Your early consideration of this request will be appreciated.

Yours very truly,

SOHIO PETROLEUM COMPANY


Don O. Leonhart
Landman

DOL:em

Accepted and Agreed to this ____ day of June, 1985.

Phillips Petroleum Company

By: _____, Title: _____

CAF

FILE COPY ONLY
RETURN TO FILE



SOHIO PETROLEUM COMPANY

TWO LINCOLN CENTRE - 5420 LBJ FREEWAY
SUITE #1000/LB 03
DALLAS, TEXAS 75240
214-387-5000

May 31, 1985

EXPLORATION & PRODUCTION
MID-CONTINENT DIVISION

✓ Mobil Producing Texas and New Mexico, Inc. (Superior)
P. O. Box 633
Midland, Texas 79702

Attention: Mr. Fred Schantz

Re: Sohio Petroleum Company
Federal Unit No. 2 (36-1)
Section 36, T25S, R33E,
Lea County, New Mexico
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RECEIVED

JUN 03 1985

SOHIO PETROLEUM CO.
MIDLAND, DIST.

Yours very truly,

SOHIO PETROLEUM COMPANY

Don O. Leonhart
Don O. Leonhart
Landman

DOL:em

Accepted and Agreed to this ____ day of June, 1985.

Mobil Producing Texas and New Mexico, Inc.

By: _____, Title: _____

FILE COPY ONLY
RETURN TO FILE



SOHIO PETROLEUM COMPANY

TWO LINCOLN CENTRE - 5420 LBJ FREEWAY
SUITE #1000/LB 03
DALLAS, TEXAS 75240
214-387-5000

May 31, 1985

EXPLORATION & PRODUCTION
MID-CONTINENT DIVISION

✓ H.N.G. Oil Company
P. O. Box 2267
Midland, Texas 79702

Attention: Mr. Craig Duke

Re: Sohio Petroleum Company
Federal Unit No. 2 (36-1)
Section 36, T25S, R33E,
Lea County, New Mexico
U-291-42, U.O.A.-291-81

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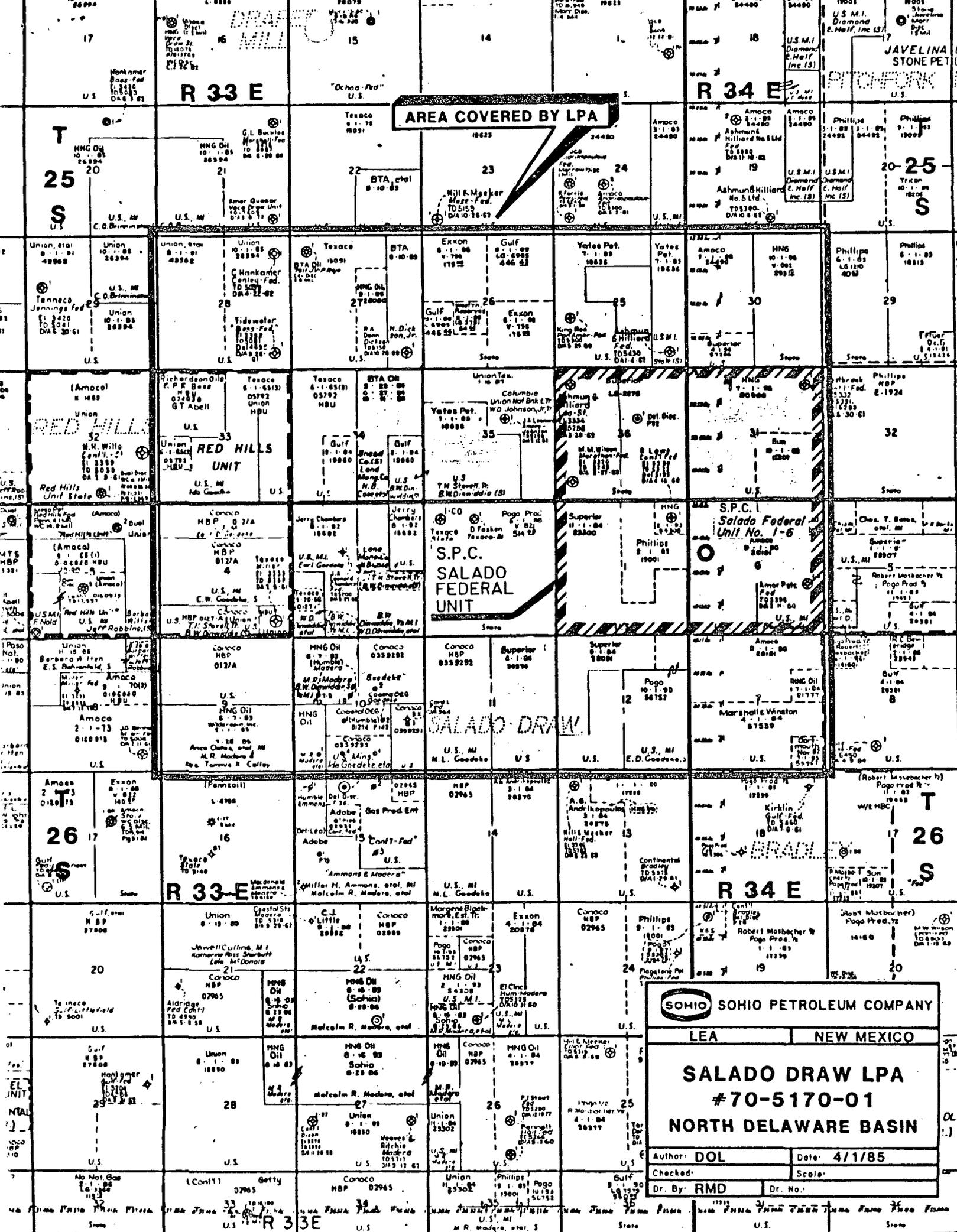
Don O. Leonhart
Landman

DOL:em

Accepted and Agreed to this ____ day of June, 1985.

H.N.G. Oil Company

By: _____, Title: _____



AREA COVERED BY LPA

SOHIO SOHIO PETROLEUM COMPANY

LEA NEW MEXICO

SALADO DRAW LPA
#70-5170-01

NORTH DELAWARE BASIN

Author: DOL Date: 4/1/85

Checked: Dr. By: RMD Dr. No.:

R 33 E

R 34 E

T 25 S

20-25 S

RED HILLS UNIT

S.P.C. SALADO FEDERAL UNIT

SALADO DRAW

R 33-E

R 34 E

T 26 S

R 33 E



SOHIO PETROLEUM COMPANY

TWO LINCOLN CENTRE - 5420 LBJ FREEWAY
SUITE #1000/LB 03
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214-387-5000

May 31, 1985

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Yours very truly,

SOHIO PETROLEUM COMPANY

Don O. Leonhart
Don O. Leonhart
Landman

DOL:em

Accepted and Agreed to this 6 day of June, 1985. *OK*

H.N.G. Oil Company

By: *Don Leonhart*

Title: *Geny L. Chrymmones* 6/6/85
Mgr. Production Geology
HNG OIL CO.



SOHIO PETROLEUM COMPANY

TWO LINCOLN CENTRE - 5420 LBJ FREEWAY
SUITE #1000/LB 03
DALLAS, TEXAS 75240
214-387-5000

May 31, 1985

EXPLORATION & PRODUCTION
MID-CONTINENT DIVISION

Phillips Petroleum Company
~~P. O. Box 1967~~ 4001 Penbrook Street,
~~Houston, Texas 77001~~ Odessa, Texas 79762

~~Attention: Mr. Cliff Orr~~

Re: Sohio Petroleum Company
Federal Unit No. 2 (36-1)
Section 36, T25S, R33E,
Lea County, New Mexico
U-291-42, U.O.A.-291-81

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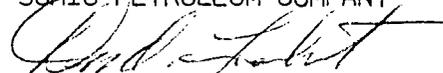
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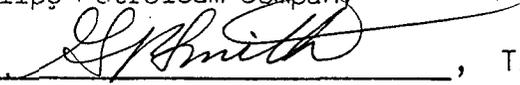
SOHIO PETROLEUM COMPANY


Don O. Leonhart
Landman

DOL:em

Accepted and Agreed to this 14 day of June, 1985.

Phillips Petroleum Company

By: , Title: AGENT

G. R. Smith

30103
6-142254
Red 2/21/85