



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

BRUCE KING
GOVERNOR
LARRY KEHOE
SECRETARY

January 6, 1982

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-2434

Conoco Inc.
P. O. Box 460
Hobbs, New Mexico 88240

Attention: Mark K. Mosley

Administrative Order NSL-1455

Gentlemen:

Reference is made to your application for a non-standard location for your Penney Federal Com. Well No. 2 to be located 1650 feet from the North line and 1780 feet from the East line of Section 23, Township 20 South, Range 24 East, NMPM, Dagger Draw Field, Eddy County, New Mexico.

By authority granted me under the provisions of Rule 104 F of the Division Rules and Regulations, the above-described unorthodox location is hereby approved.

Sincerely,

A handwritten signature in cursive script, appearing to read "Joe D. Ramey".

JOE D. RAMEY,
Director

JDR/RLS/dr

cc: Oil Conservation Division - Artesia
Oil & Gas Engineering Committee - Hobbs
U. S. Geological Survey - Artesia



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

April 27, 1983

TONY ANAYA
GOVERNOR

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-5800

Conoco Inc.
P. O. Box 460
Hobbs, New Mexico 88240

Attention: Mark K. Mosley

Administrative Order NSL-1685

Gentlemen:

Reference is made to your application for a non-standard location for your Penny Federal Well No. 1 located 660 feet from the South line and 1980 feet from the West line of Section 23, Township 20 South, Range 24 East, NMPM, Wolfcamp formation, Eddy County, New Mexico.

By authority granted me under the provisions of Rule 104 F of the Division Rules and Regulations, the above-described unorthodox location is hereby approved.

Sincerely,

JOE D. RAMEY,
Director

JDR/RLS/dr

cc: Oil Conservation Division - Artesia
Oil & Gas Engineering Committee - Hobbs
Minerals Management Service - Artesia

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-402
September 1972
Effective 10-1-73

OCT 2 1973

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

Operator Roger C. Hanks		Lease Penny-Federal		D. C. C. OFFICE 1		Well No.
U&L Letter N	Section 23	Township 20 South	Range 24 East	County Eddy		
Actual Well Location of Well: 660 feet from the South line and 1980 feet from the West line						
Ground Level Elev. 3682	Producing Formation Cisco Canyon		Pool South Dagger Draw-Upper Pennsylvanian Assoc.		Dedicated Acreage 320 Acres	

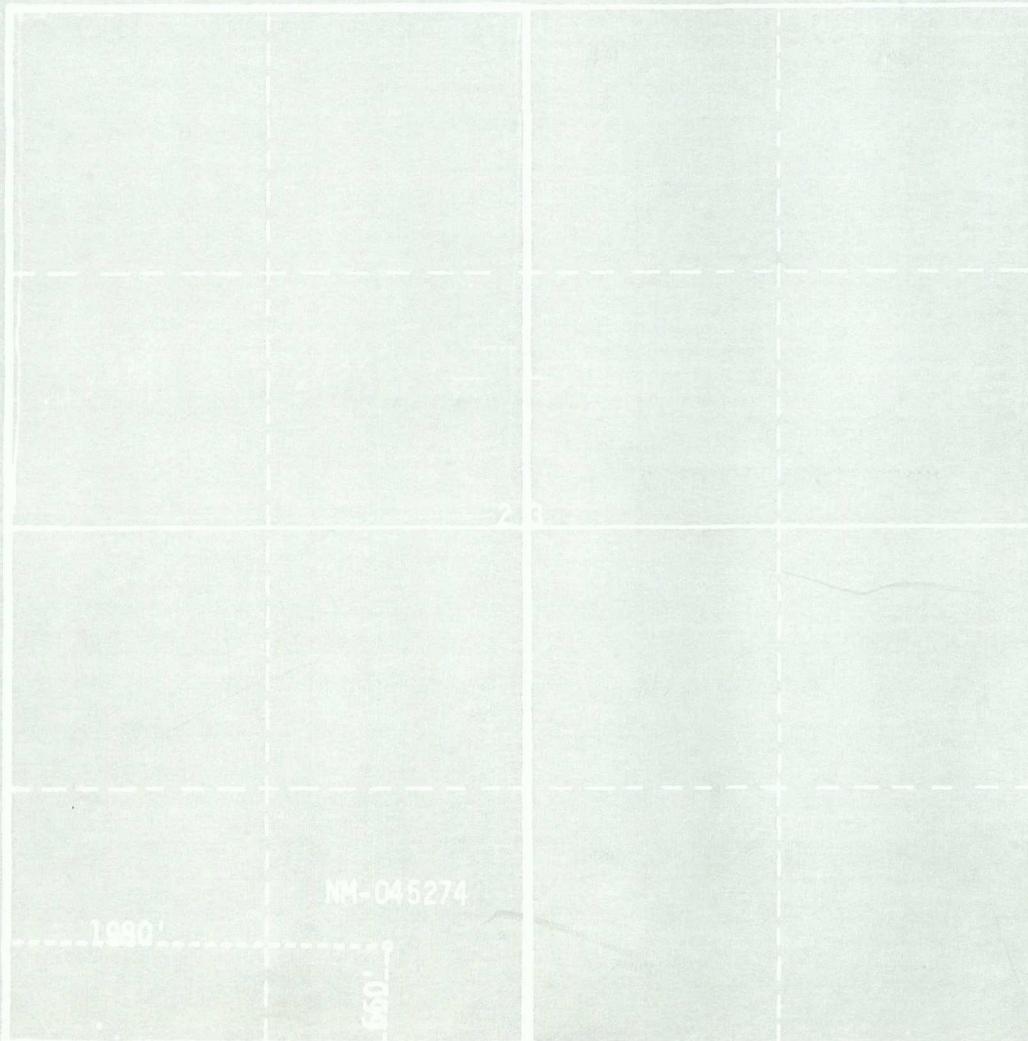
- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated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

R-24-E



CERTIFICATION

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

Name
Ronnie Vineyard
Position

Production Clerk

Company
Roger C. Hanks

Date
October 1, 1973

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

Registered Professional Engineer and/or Licensed Surveyor

Certificate No.

0 300 600 900 1200 1500 1800 2100 2400 2000 1900 1800 1700 1600 1500 1400 1300 1200 1100 1000 900 0

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PERMIT IN DERRIGATE*

15% of log to be submitted on 25¢ x 10 side!

Form G-2 (7-71)
Budget Bureau No. 48-1026-2

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

4. LEASE DESIGNATION AND SERIAL NO.
NM 045274

5. IF INDIAN, ALLOTTEE OR TRIBE NAME

6. UNIT ASSIGNMENT NAME

7. FARM OR LEASE NAME
Penny-Federal

8. WELL NO.
1

9. FIELD AND POOL OR WILDCAT
Undesignated

10. T. R. M. OR BLOCK AND SURVEY
23-20S-24E

11. COUNTY OR PARISH
Eddy
12. STATE
N. M.

1. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

2. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. BENE. Other _____

3. NAME OF OPERATOR
Roger C. Hanks

4. ADDRESS OF OPERATOR
2100 Wilco Building, Midland, Texas 79701

5. LOCATION OF WELL (Report location clearly and in accordance with any state requirements)
At surface 660' FSL & 1980' FWL

At top prod. interval reported below 7754'
At total depth 7936'

14. PERMIT NO. _____ DATE ISSUED _____ COUNTY OR PARISH Eddy STATE N. M.

RECEIVED
MAY 23 1971
U. S. GEOLOGICAL SURVEY
CARTESIA, NEW MEXICO

15. DATE RPUDED 4-17-71 16. DATE T.D. REACHED 5-17-71 17. DATE COMPL. (Ready to prod.) 5-24-71 18. ELEVATIONS (DP, RND, RT, CR, ETC.)* 3682' GR 19. REM. CASING HEAD

20. TOTAL DEPTH, MD & TVD 7936' 21. PLUG, BACK T.D., MD & TVD _____ 22. IF MULTIPLE COMPL., HOW MANY? Single 23. INTERVALS DRILLED BY _____ ROTARY TOOLS Sharp CABLE TOOLS _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7754' - 7800' Cisco 25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN Induction Electrical and Sidewall Neutron Porosity 27. WAS WELL CORED Yes

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	32#	1580'	11"	725 sx. Circ. to Surf.	
5 1/2"	17#	7919'	7 7/8"	400 sx.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD
					SIZE 2 3/8" DEPTH SET (MD) 7803' PACKER SET (MD) 7716'

31. VESPORATION RECORD (Interval, size and number)
7754'-7764', 7776'-7786', 7790'-7800', 4 shots per foot, Wes-Jet Magnum

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7754-7800'	1500 gal. 15% NE acid

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
5-24-71	Flowing	Producing

DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
5-24-71	24	1/2"	→	144	Est. 150	48	1042/1

FLOW. TUBING PMS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
J65#		→	144	Est. 150	48	43

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Vented

35. LIST OF ATTACHMENTS
Logs, DSTs, & core analysis

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED Roger C. Hanks TITLE Operator O. C. C. OFFICE DATE 5-25-71

* (See Instructions and Spaces for Additional Data on Reverse Side)

NEW MEXICO LAND VALUATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

RECEIVED

APR 26 1971

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

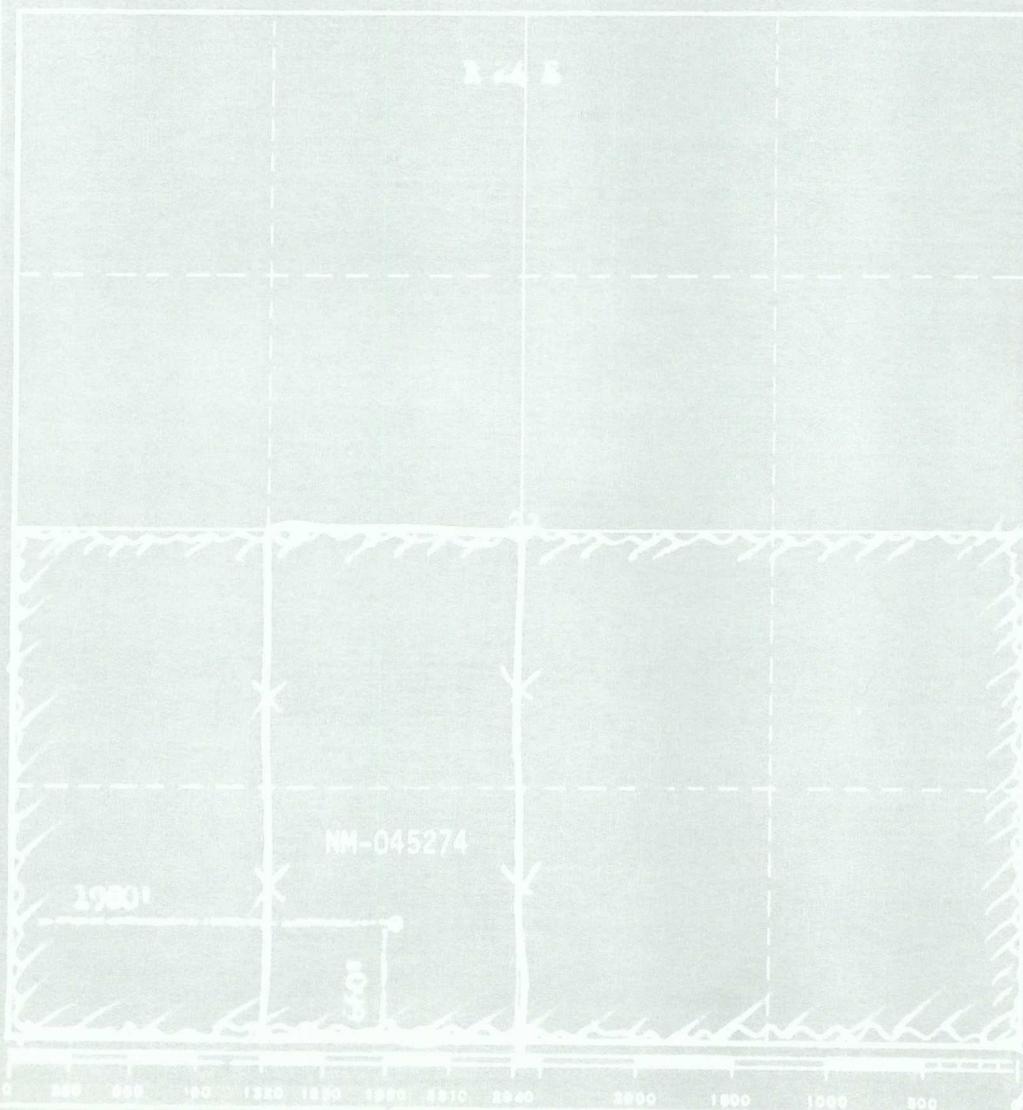
Operator Robert C. Hanks		Lease Henry		Well No. 11 CONSERVATION COMM.	
Unit Letter 1	Section 2	Township 24 North	Range 26 West	County 1940	
Actual Footage Location of Well					
600 feet from the 115 1/2 line and 200 feet from the 115 1/2 line					
Ground Level Elev. 3200	Producing Formation Cisco Canyon	Pool Undesignated		Dedicated Acreages 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 _____

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.

Roger C. Hanks
Name

R. C. Hanks
Operator

Company
Roger C. Hanks

Date
4-16-71

RECEIVED LAND SURVEYING
I hereby certify that the information shown on this plat is true and correct to the best of my knowledge and belief under my supervision and control. This plat is true and correct to the best of my knowledge and belief.

Date Surveyed
4-16-71

Registered Professional Engineer and/or Land Surveyor

James H. Brown
Certificate No. **272**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WELL: DRILL DEEPEN PLUG BACK

2. TYPE OF WELL: OIL WELL GAS WELL OTHER RIGGED BORE MULTIPLE BORE

3. NAME OF OPERATOR: Roger C. Hanks

4. ADDRESS OF OPERATOR: 2100 Wilco Building, Midland, Texas 79701

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.):
At surface: 660' FSL & 1980' FWL

At proposed prod. zone: Cisco Canyon

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 11 mi. West & 5 mi. South of Lakewood, N.M.

16. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 660'

18. NO. OF ACRES IN LEASE: 480

17. NO. OF ACRES ASSIGNED TO THIS WELL: 320

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

19. PROPOSED DEPTH: 8100'

20. ROYALTY OR CABLE TOOLS: Sharp Drilling Company

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 3682' GR

22. APPROX. DATE WORK WILL START: Upon approval

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8-5/8"	32#	1500-2000'	600 sx Circ. to surface
7-1/4"	5-1/2"	17#	8100'	500sx

Operator plans to drill the well to TD of approximately 8100' and test zone either by DST or log analysis. If information indicates zone is productive of oil and/or gas, operator plans to run 5-1/2" casing, cement same, perforate and acidize for production tests. If dry hole is indicated, well will be plugged, and abandoned in accordance with Federal Rules & Regulations.

Designation of Operator from Chevron will be forwarded on receipt.

RECEIVED
APR 23 1971

RECEIVED
APR 20 1971
U.S. GEOLOGICAL SURVEY
MIDLAND, NEW MEXICO

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 location of proposed and true vertical depth. Give blowout preventer program, if any.

24. SIGNED: Roger C. Hanks TITLE: Operator DATE: 4-16-71

(This space for Federal or State office use)

PERMIT NO. _____
APPROVED BY: R.L. Beekman
ACTING DISTRICT SUPERVISOR
APR 22 1971

APPROVED BY: _____
THIS APPROVAL IS RESCINDED IF OPERATIONS ARE NOT COMMENCED WITHIN 3 MONTHS.
EXPIRES: JUL 22 1971

DECLARED WATER BASIN
CEMENT BEHIND THE CASING MUST BE CIRCULATED
NOTIFY US IN SUFFICIENT TIME TO WITHHEAR CEMENTING THE CASING



TONEY ANAYA
GOVERNOR

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

COMMINGLING ORDER PLC-70

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-5800

Conoco Inc.
P. O. Box 460
Hobbs, New Mexico 88240

Attention: Donald W. Johnson

The above-named company is hereby authorized to commingle North Dagger Draw Upper Penn and South Dagger Draw Penn pool production from the following leases:

Lease Name: Barbara Federal, NM 1372
Description: Sec. 17 and 18, T-19-S, R-25-E, NMPM

Lease Name: Federal NM 0559175
Description: Sec. 30, T-19-S, R-25-E, NMPM,

Lease Name: Robin and Vicki Federal, NM 045275
Description: Sec. 26, T-20-S, R-24-E, NMPM

Lease Name: Preston Federal, NM 045276
Description: Secs. 34 and 35, T-20-S, R-24-E, NMPM

Lease Name: Penny Federal, NM 045274
Description: Sec. 23, T-20-S, R-24-E, NMPM

Lease Name: Julie-Fee
Description: Sec. 17, T-19-S, R-25-E, NMPM,

Lease Name: Lodewick and Dagger Draw - Fee
Description: Sec. 19, T-19-S, R-25-E, NMPM,

All in Eddy County, New Mexico.

Production shall be allocated to each lease by separately metering the production from each well prior to commingling.

NOTE: This installation shall be installed and operated in accordance with the applicable provisions of Rule 309-B of the Division Rules and Regulations and the Division "Manual for the Installation and Operation of Commingling Facilities." It is the responsibility of the producer to notify the transporter of this commingling authority.

REMARKS: This administrative order does not include the Dee

State Lease as the original application requested.
 This order shall apply only to the following list
 of wells on the above-described acreage:

North Dagger Draw

<u>Lease</u>	<u>Legal Description</u>	<u>Producing Formation</u>
Barbara Fed No. 1	H, Sec. 18, T19S, R25E,	North Dagger Draw Upper Penn
Barbara Fed No. 2	K, Sec. 18, T19S, R25E,	North Dagger Draw Upper Penn
Barbara Fed No. 3	F, Sec. 17, T19S, R25E	North Dagger Draw Upper Penn
Barbara Fed No. 4	L, Sec. 17, T19S, R25E,	North Dagger Draw Upper Penn
Barbara Fed No. 6	J, Sec. 18, T19S, R25E,	North Dagger Draw Upper Penn
Barbara Fed No. 7	J, Sec. 17, T19S, R25E,	North Dagger Draw Upper Penn
Dagger Draw No. 1	D, Sec. 30, T19S, R25E,	North Dagger Draw Upper Penn
Julie Com No. 1	H, Sec. 17, T19S, R25E,	North Dagger Draw Upper Penn
Lodewick A No. 1	C, Sec. 19, T19S, R25E,	North Dagger Draw Upper Penn
Dagger Draw No. 4	L, Sec. 19, T19S, R15E,	North Dagger Draw Upper Penn

South Dagger Draw

Robin Fed No. 1	F, Sec. 26, T20S, R24E,	South Dagger Draw Penn
Preston Fed No. 1	L, Sec. 35, T20S, R24E,	South Dagger Draw Penn
Vicki Fed No. 1	G, Sec. 26, T-20S, R24E	South Dagger Draw Penn

SECTION 23 TOWNSHIP 205 RANGE 24E

<p>Standard Oil Co State 2 No. 1 600' FS LUG Spud - 11/11/65 T.D. - 4/66 Produced 12/1/65</p>	<p>Standard Oil Co State 2 No. 1 600' FS LUG Spud - 11/11/65 T.D. - 4/66 Produced 12/1/65</p>	<p>Yates Petroleum Corp. Hillview A He Fed. No. 3 600' FS LUG Spud - 4/17/71 T.D. - 7/93 Under Workcamp Producing</p>	<p>Yates Petroleum Corp. Hillview A He Fed. No. 4 1980' FS LUG South Dogger Draughter Perms Drilling 2/3 deduction</p>
<p>Subject well</p>	<p>Yates Petroleum Corp. Hillview A He Fed. No. 2 1650' FS LUG Spud - 12/11/81 T.D. - 9/86 South Dogger Draughter Per Producing 2/3 deduction</p>	<p>Yates Petroleum Corp. Hillview A He Fed. No. 2 1650' FS LUG Spud - 12/11/81 T.D. - 9/86 South Dogger Draughter Per Producing 2/3 deduction</p>	<p>Yates Petroleum Corp. Hillview A He Fed. No. 2 1650' FS LUG Spud - 12/11/81 T.D. - 9/86 South Dogger Draughter Per Producing 2/3 deduction</p>

~~Standard Oil Co~~
~~State 2 No. 1~~
~~600' FS LUG~~
~~Spud - 11/11/65~~
~~T.D. - 4/66~~
~~Produced 12/1/65~~

~~Standard Oil Co~~
~~State 2 No. 1~~
~~600' FS LUG~~
~~Spud - 11/11/65~~
~~T.D. - 4/66~~
~~Produced 12/1/65~~

Yates Petroleum Corp.
 Hillview A He Fed. No. 3
 600' FS LUG
 Spud - 4/17/71
 T.D. - 7/93
 Under Workcamp
 Producing

Yates Petroleum Corp.
 Hillview A He Fed. No. 4
 1980' FS LUG
 South Dogger Draughter Perms
 Drilling
 2/3 deduction

Yates Petroleum Corp.
 Hillview A He Fed. No. 2
 1650' FS LUG
 Spud - 12/11/81
 T.D. - 9/86
 South Dogger Draughter Per
 Producing 2/3 deduction