

DATE 11/27/00	APPROVED 12/18/00	DESIGN MS	LOGS KW	TITLE NSL
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

333 27857

ADMINISTRATIVE APPLICATION COVERSHEET

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS

Application Acronyms:

[NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location]
 [DD-Directional Drilling] [SD-Simultaneous Dedication]
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Directional Drilling

☒ NSL ☐ NSP ☐ DD ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement

☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery

☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ☒ Does Not Apply

[A] ☐ Working, Royalty or Overriding Royalty Interest Owners

[B] ☐ Offset Operators, Leaseholders or Surface Owner

[C] ☐ Application is One Which Requires Published Legal Notice

[D] ☐ Notification and/or Concurrent Approval by BLM or SLO

U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] ☐ Waivers are Attached

[3] INFORMATION / DATA SUBMITTED IS COMPLETE - Statement of Understanding

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I further verify that all applicable API Numbers are included. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken.

JAMES BRUCE
 P.O. BOX 1056
 SANTA FE, NM 87504

Note: Statement must be completed by an individual with supervisory capacity.

Print or Type Name

Signature

Title

Date

James Bruce *Attorney for Applicant* 11/24/00

JAMES BRUCE
ATTORNEY AT LAW

POST OFFICE BOX 1056
SANTA FE, NEW MEXICO 87504

3304 CAMINO LISA
HYDE PARK ESTATES
SANTA FE, NEW MEXICO 87501

(505) 982-2043
(505) 982-2151 (FAX)

November 24, 2000

Michael E. Stogner
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505

Dear Mr. Stogner:

Pursuant to Division Rule 104.F.(2), Roden Oil Company applies for administrative approval of an unorthodox oil well location for the following well:

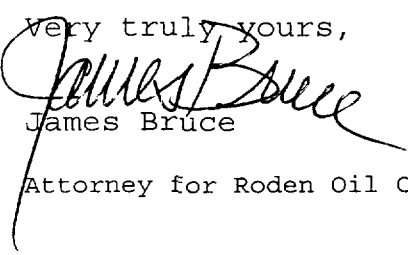
MIRO Fed. "35" Well No. 1 (30-025-34897)
1250 feet FNL & 1000 feet FWL
NW $\frac{1}{4}$ NW $\frac{1}{4}$ S35, Township 26 South, Range 35 East, NMPM
Lea County, New Mexico

The well was drilled to test the Morrow formation, and Lots 1-4 and the NW $\frac{1}{4}$ NW $\frac{1}{4}$ (all) of irregular Section 35 were dedicated to the well. The location is orthodox for the Morrow. The well was unsuccessful in the Morrow, but it was re-completed uphole in the Wolfcamp formation (wildcat Wolfcamp) at a depth of approximately 13,000 feet. Under statewide rules, spacing is 40 acres, with wells to be located no closer than 330 feet to a quarter-quarter section line. Attached as Exhibit A is a survey of the well's location.

Submitted as Exhibit B is a land plat around the proposed well. All of Section 35 is a single federal lease, with common royalty, working, and overriding royalty ownership. Therefore, no one is adversely affected by this application, and notice of the application has not been given to any offset.

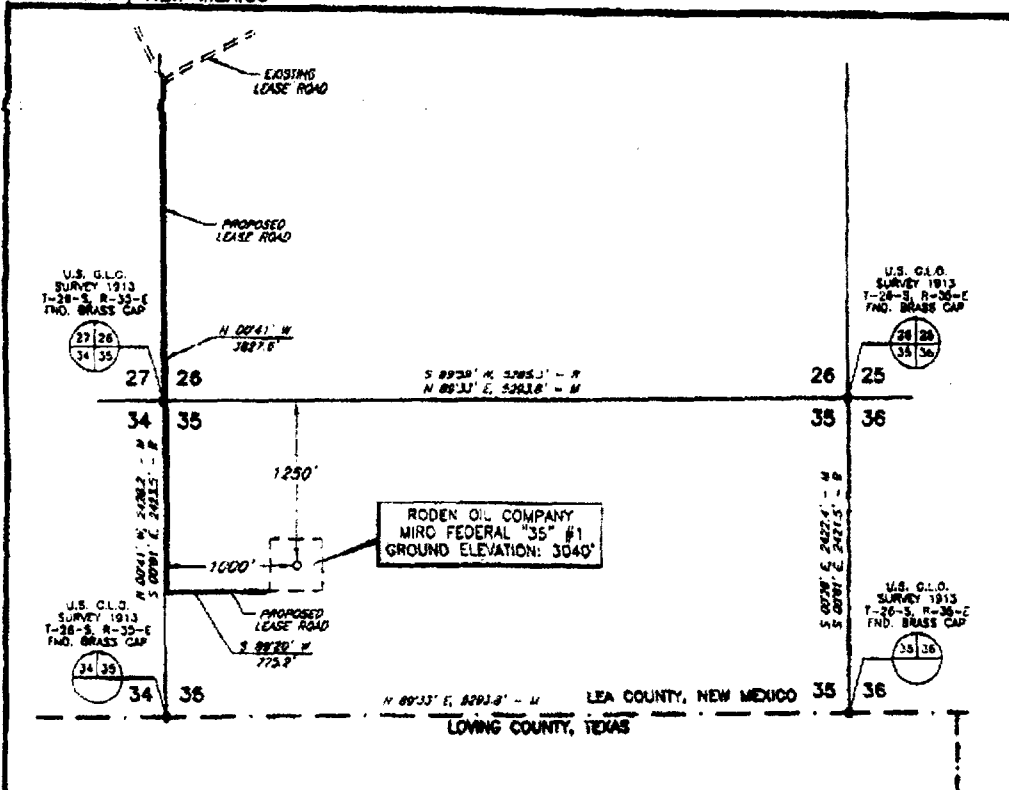
Please call me if you need any further information on this matter.

Very truly yours,

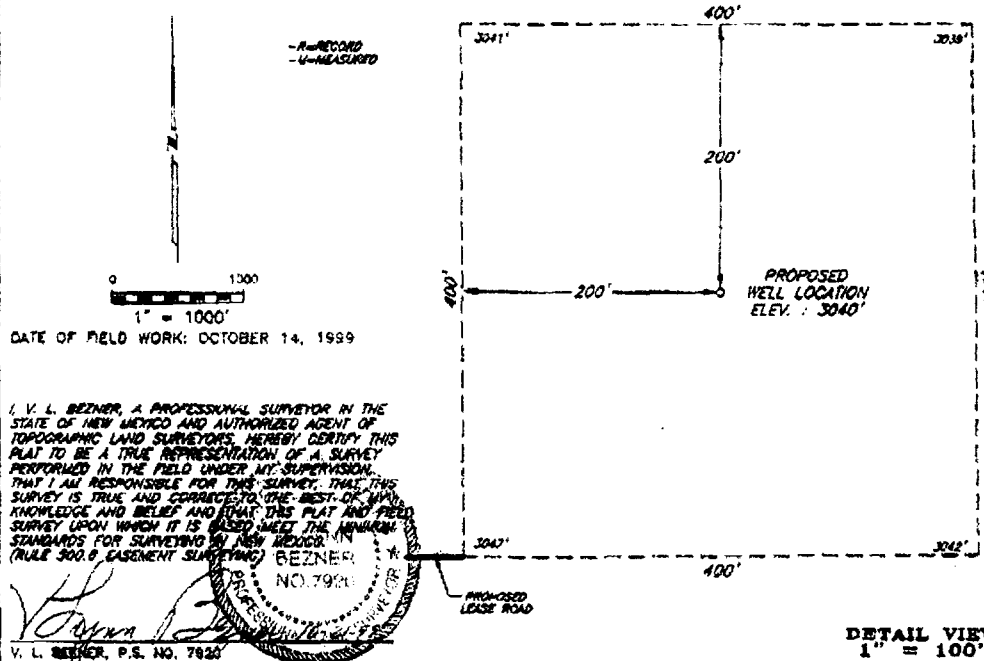

James Bruce

Attorney for Roden Oil Company

PLAT SHOWING PRO. D
WELL LOCATION AND LEASE ROAD IN
SECTION 35, T-26-S, R-35-E, N.M.P.M.
LEA COUNTY, NEW MEXICO



PLAN VIEW
1" = 1000'



DETAIL VIEW
1" = 100'

RODEN OIL COMPANY				SCALE: AS SHOWN
SURVEYING AND MAPPING BY				DATE: OCTOBER 14, 1999
TOPOGRAPHIC LAND SURVEYORS				JOB NO.: 65733-F
MIDLAND, TEXAS				QUAD NO.: 21 SE
SHEET : 1 OF 1				
NO.	REVISION	DATE	BY	
SURVEYED BY: R.J.O.				
DRAWN BY: V.M.B.				
APPROVED BY: V.L.B.				

CMD :
OG5SECTONGARD
INQUIRE LAND BY SECTION11/30/00 14:40:09
OGOMES -TQHC
PAGE NO: 1

Sec : 35 Twp : 26S Rng : 35E Section Type : NORMAL

D 40.00 Federal owned A	C 40.00 Federal owned	B 40.00 Federal owned	A 40.00 Federal owned
4 33.43 Federal owned	3 33.42 Federal owned	2 33.40 Federal owned	1 33.39 Federal owned

PF01 HELP
PF07 BKWDPF02
PF08 FWDPF03 EXIT
PF09 PRINTPF04 GoTo
PF10 SDIVPF05
PF11PF06
PF12

73.43
73.42
146.85
146.79
293.64

73.40
73.39
146.79

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

11/30/00 14:40:14
OGOMES -TQHC
PAGE NO: 2

Sec : 35 Twp : 26S Rng : 35E Section Type : NORMAL

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06

PF07 BKWD PF08 FWD PF09 PRINT PF10 SDIV PF11 PF12

CMD : ONGARD 11/30/00 14:40:27
OG6C101 C101-APPLICATION FOR PERMIT TO DRILL OGOMES -TQHC

OGRID Idn : 182110 API Well No: 30 25 34897 APD Status(A/C/P): A
Opr Name, Addr: RODEN OIL COMPANY Aprvl/Cncl Date : 01-24-2000
P. O. BOX 10909
MIDLAND, TX 79702

Prop Idn: 25276 MIRO 35 FEDERAL Well No: 1

	U/L	Sec	Township	Range	Lot Idn	North/South	East/West
Surface Locn : D	35	26S	35E			FTG 1250 F N	FTG 1000 F W
OCD U/L : D		API	County	25			

Work typ(N/E/D/P/A) : N Well typ(O/G/M/I/S/W/C): G Cable/Rotary (C/R) : F
Lease typ(F/S/P/N/J/U/I): F Ground Level Elevation : 3040

State Lease No: Multiple Comp (S/M/C) : S
Prpsd Depth : 16500 Prpsd Frmtn : PENN

E0009: Enter data to modify record

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06 CONFIRM
PF07	PF08	PF09 PRINT	PF10 C102	PF11 HISTORY	PF12

County Lea

Pool Hagood - Pennsylvanian Gas

TOWNSHIP 26 South

Range 35 East

NMPM

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

nm
Texas

Description: All Sec 25 (R-5492, 7-19-77)

ILLEGIBLE

District I
1625 N. French Dr., Hobbs, NM 88240

District II
811 South First, Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-104
Revised July 28, 2000

Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Roden Oil Company P.O. Box 10909 Midland, Texas 79702		² OGRID Number 182110
⁴ API Number 30-0 25-34897		³ Reason for Filing Code/ Effective Date RT 950 Bbls. 10/1/2000
⁵ Pool Name Wilscat- Devonian Wolfcamp	⁶ Pool Code 70010 97055	
⁷ Property Code 25276	⁸ Property Name Miro "35" Federal	⁹ Well Number 1

II. ¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
D	35	26-S	35-E	NM101610	1250	North	1000	West	Lea

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F									
¹² Lse Code F		¹³ Producing Method F		¹⁴ Gas Connection Date Not connected		¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² POD ULSTR Location and Description
7440	EOTT Energy P.O. Box 1660 Midland, Texas 79702	2826851	8	

IV. Produced Water

²³ POD	²⁴ POD ULSTR Location and Description
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V. Well Completion Data

²⁵ Spud Date	²⁶ Ready Date	²⁷ TD	²⁸ PBDT	²⁹ Perforations	³⁰ DHC, MC
³¹ Hole Size		³² Casing & Tubing Size		³³ Depth Set	³⁴ Sacks Cement

VI. Well Test Data

³⁵ Date New Oil	³⁶ Gas Delivery Date	³⁷ Test Date	³⁸ Test Length	³⁹ Tbg. Pressure	⁴⁰ Csg. Pressure
⁴¹ Choke Size		⁴² Oil	⁴³ Water	⁴⁴ Gas	⁴⁵ AOF
					⁴⁶ Test Method

⁴⁷ I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: Van T. Tettleton		OIL CONSERVATION DIVISION	
Printed name: Van T. Tettleton		Approved by: Chris Williams	
Title: President		Title: DISTRICT 1 SUPERVISOR	
Date: 10/19/2000		Approval Date: OCT 31 2000	
Phone: 915-684-7278			

OPERATOR: OGE Drilling
WELL/LEASE: MIRO 35 Fed. #1
COUNTY: Lea

267-0103

Unit D 35-265-35e
1250/W 4 1000/W
30-025-34897

STATE OF NEW MEXICO
DEVIATION REPORT

242	1 1/4	11,465	1
391	1 1/4	11,973	2 1/2
590	1	12,355	1
896	1	13,982	1 1/2
1,035	1/2	14,280	1 1/2
1,325	1/2	15,212	3/4
1,665	1/2	16,064	1
1,976	1	16,283	3/4
2,193	3/4		
2,533	3/4		
2,815	1 1/2		
3,031	1 1/4		
3,277	2		
3,495	1 3/4		
3,743	1 1/4		
4,022	1/4		
4,367	3/4		
4,660	3/4		
4,974	3/4		
5,150	1/2		
5,454	3/4		
5,855	3/4		
6,357	1/4		
6,836	3/4		
7,284	1/4		
7,794	1/2		
8,272	1 1/4		
8,530	1 1/4		
9,007	2 1/2		
9,294	1 1/2		
9,709	2		
10,015	2 1/4		
10,350	2		
10,922	1		

By: Ray Peterson

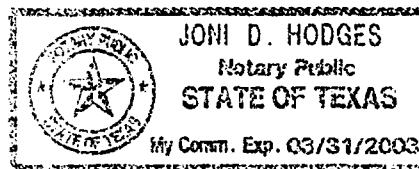
STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 21st day of August, 2000, by Ray Peterson on behalf of UTI Drilling L.P.

Joni D. Hodges
Notary Public for Midland County, Texas

My Commission Expires: 3/31/2003



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTN.M. Oil Cons. Division
1025 N. French Dr.
Hobbs, NM 88240
FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995
LEASE DESIGNATION AND SERIAL NO.

NM-101610

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

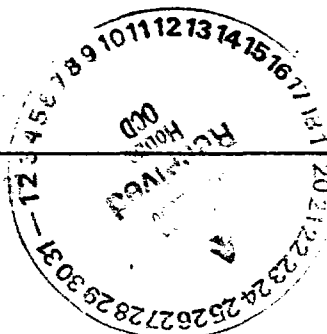
1a. TYPE OF WELL:		OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input type="checkbox"/>	Other <input type="checkbox"/>		
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. REVR. <input type="checkbox"/>	Other <input type="checkbox"/>
2. NAME OF OPERATOR Roden Oil Company						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS AND TELEPHONE NO. 550 W. Texas, Suite 1140 Midland, Texas (915) 682-6373						7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface (D) 1250' FNL & 1000' FWL At top prod. interval reported below At total depth						8. FARM OR LEASE NAME, WELL NO. MIRO "35" Fed #1	
14. PERMIT NO.						12. COUNTY OR PARISH Lea	
DATE ISSUED 1-24-2000						13. STATE New Mexico	
15. DATE SPUDDED 4-23-2000	16. DATE T.D. REACHED 7-30-2000	17. DATE COMPL. (Ready to prod.) 10-9-2000	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3040 GR		19. ELEV. CASINGHEAD 3040		
20. TOTAL DEPTH, MD & TVD 16500	21. PLUG BACK T.D., MD & TVD 14520'	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY Rotary		ROTARY TOOLS CABLE TOOLS		
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Wolfcamp 13026'-13290'					25. WAS DIRECTIONAL SURVEY MADE No		
26. TYPE ELECTRIC AND OTHER LOGS RUN PEX/DLL/MSFL/GR 13000'-5150', GR to Surf, CNL/LDT/DITE/BHC Sonic 16500'-13000'					27. WAS WELL CORRED No		
28. CASING RECORD (Report all strings set in well)							
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD		AMOUNT PULLED	
13 3/8" J-55	54.5	1035'	17 1/2"	850 sx circ 265 sx		None	
10 3/4" P-110	60.7	5150'	12 1/4"	1000 sx Circ 265 sx		None	
7 5/8" P-110	33.7 & 39	12998'	9 1/2"	1690 sx TOC 5110'		None	
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5"	12759	16496	350		2 7/8"	12755	12755
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
13274-13290 16 Holes 13046-13048 2 Holes 13218-13223 5 Holes 13038-13042 4 Holes 13122-13124 12 Holes 13026-13030 4 Holes 13052-13056 4 Holes				DEPTH INTERVAL (MD) 13026-13290' AMOUNT AND KIND OF FLUID USED 46,000 Gal Foamed 15% ZCA Acid OCT 19 2000 BLM Shut In			
33. PRODUCTION							
DATE FIRST PRODUCTION 9-22-2000		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing					
DATE OF TEST 10-7-2000	HOURS TESTED 24	CHOKE SIZE 19/64"	PROD'N. FOR TEST PERIOD →	OIL—BBL. 218	GAS—MCF. 408	WATER—BBL. 28	GAS-OIL RATIO 1,872
FLOW. TUBING PRESS. 500	CASINO PRESSURE Packer	CALCULATED 24-HOUR RATE →	OIL—BBL. 218	GAS—MCF. 408	WATER—BBL. 28	OIL GRAVITY-API (CORR.) 48	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented						TEST WITNESSED BY Bill Jamison	
35. LIST OF ATTACHMENTS Deviation Report, PEX/DLL/MSFL/GR, (CNL/LDT/DITE/BHC Sonic							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED <u>James P. Phil. Johnson</u> TITLE <u>Agent for Roden Oil Company</u> DATE <u>10-11-2000</u>							

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

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Delaware Lime	5116	5116
				Delaware Sand	5156	5156
				Bone Spring	9144	9144
				Wolfcamp	12226	12226
				Upper Strawn Lm.	14094	14094
				Lower Strawn Lm	14577	14577
				Atoka Lime	15230	15230
				Morrow	15940	15940



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division

1625 N. French Dr.

Hobbs, NM 88240

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Roden Oil Co.

3. Address and Telephone No.

550 W. Texas, Suite 1140, Midland, Texas 79701 (915) 682-6373

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

(D) 1250' FNL & 1000' FWL Sec. 35, T-26-S, R-35-E

5. Lease Designation and Serial No.

NM-101610

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

MIRO "35" Fed #1

9. API Well No.

30-025-34897

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Lea, New Mexico

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

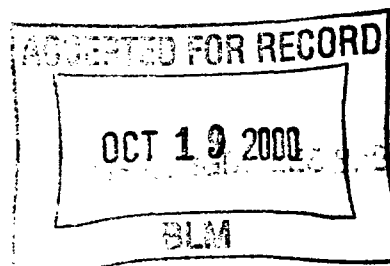
- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Casing Report

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This Sundry Notice is to notify the BLM that a 5" 21.08# P-110 Liner was set @ 16496' with the top of liner @ 12759'. Liner was cemented with 350 sx Class "H" cement with cement circulated to top of liner. Liner was set and cemented 8-3-2000.



14. I hereby certify that the foregoing is true and correct

Signed James D. Phil Stinson

Title Agent for Roden Oil Company

Date 10-11-2000

(This space for Federal or State office use)

Approved by Chris Williams

Conditions of approval, if any:

Title

DISTRICT 1 SUPERVISOR

Date OCT 31 2000

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
1625 N. French Dr.
Hobbs, NM 88240

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

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550 W. Texas, Suite 1140, Midland, Texas 79701 915-682-6373

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(E) 1250' FNL & 1000' FWL Sec. 35, T-26-S, R-35-E

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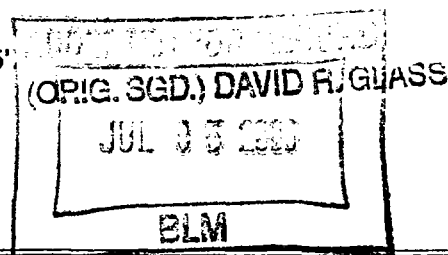
TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
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(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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6-20-2000 Drig @ 14277' MW 12.0 ppg
6-21-2000 Drig @ 14299' MW 11.8 ppg Trip for bit @ 14280' 1 1/2" @ 14230'
6-22-2000 Drig @ 14409' MW 11.7 ppg
6-23-2000 Drig @ 14529' MW 11.6 ppg
6-24-2000 Drig @ 14669' MW 11.6 ppg
6-25-2000 Drig @ 14772' MW 11.5 ppg
6-26-2000 POH for bit @ 14895' MW 12.5 ppg
6-27-2000 Drig @ 14925' MW 12.6 ppg 1" @ 14845'
6-28-2000 Drig @ 15021' MW 12.6 ppg
6-29-2000 Drig @ 15077' MW 12.3 ppg



14. I hereby certify that the foregoing is true and correct

Signed James P. Wilson

Title Agent for Roden Oil Company

Date 6-30-2000

(This space for Federal or State office use)

Approved by Chris Williams
Conditions of approval, if any:

Title

DISTRICT SUPERVISOR

Date

10 2000

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
1625 N. French Dr.
Hobbs, NM 88240

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

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4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

(E) 1250' FNL & 1000' FWL Sec. 35, T-26-S, R-35-E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

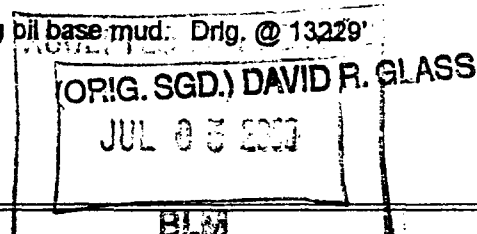
- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Progress Report

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

5-31-2000 Ran Schlumberger PEX/HALS/BHC Sonic from 13000' to 5150' w/ GR to Surf.
6-1-2000 LDDP & Ran 7 5/8" 33.7 PPF & 39 PPF P-110 csg to 13000'
6-2-2000 Cement 7 5/8" casing in 2 stages with 1690 sx. Set slips
6-3-2000 Ran temp survey w/ TOC @ 5110' NU 13 5/8" 10M Triple ram BOP's w/ annular & rotating head. Test BOP's & Choke manifold to 10,000 psi.
6-4-2000 Testing BOP's to 10,000 psi
6-5-2000 Drill DV Tool @ 7521'. Drill cmt & float collar @ 12904'. Test csg to 3100 psi. Drill to 13201' MW 9.3 ppg
6-6-2000 Displace @ 13248' MW 12.1 ppg
6-7-2000 Drg @ 13248' MW 12.1 ppg
6-8-2000 Drg @ 13285' MW 12.2 ppg
6-9-2000 Drg @ 13352' MW 12.2 ppg



14. I hereby certify that the foregoing is true and correct

Signed James G. G. Johnson

Title Agent for Roden Oil Company

Date 6-27-2000

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
1625 N. French Dr.
Hobbs, NM 88240

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
 Roden Oil Company

3. Address and Telephone No.
 550 W. Texas, Suite 1140, Midland, Texas 79701 915-682-6373

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 (E) 1250' FNL & 1000' FWL Sec. 35, T-26-S, R-35-E

5. Lease Designation and Serial No.
 NM-101610

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
 MIRO "35" Fed #1

9. API Well No.
 30-025-34897

10. Field and Pool, or Exploratory Area
 Wildcat

11. County or Parish, State
 Lea, New Mexico

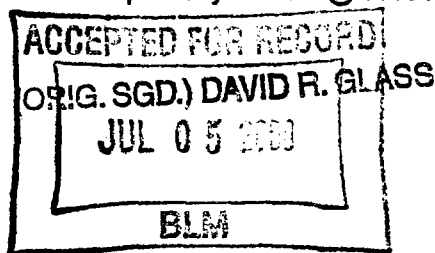
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other Casing Report
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This Sundry Notice is to notify the BLM that 7 5/8" 33.70 # & 39 # P-110 casing was set @ 13000' on 6-2-2000. Casing was cemented in two stages with a DV tool f@ 7521'. First stage was cemented with 700 sx Halliburton "Light" cement followed by 250 sx Class "H" cement. Second stage was cemented with 640 sx Halliburton "Light" cement followed by 100 sx Class "H" cement. Circ 150 sx cmt to surface from First stage. Ran temp survey w/ TOC @ 5110'.



14. I hereby certify that the foregoing is true and correct

Signed James P. Philanson Title Agent for Roden Oil Company Date 6-27-2000

(This space for Federal or State office use)

Approved by Chris Williams Title DISTRICT 1 SUPERVISOR Date JUL 10 2000

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
1625 N. French Dr.
Hobbs, NM 88240

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Roden Oil Company

3. Address and Telephone No.

550 W. Texas, Suite 1140, Midland, Texas 79701 915-682-6373

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

(E) 1250' FNL & 1000' FWL Sec. 35, T-26-S, R-35-E

5. Lease Designation and Serial No.

NM-101610

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

MIRO "35" Fed #1

9. API Well No.

30-025-34897

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Lea, New Mexico

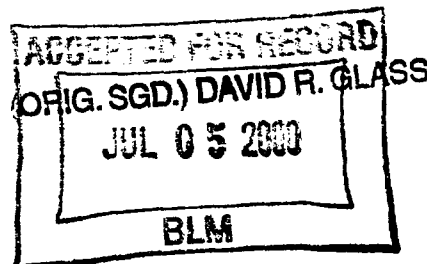
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other <u>Progress Report</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

6-10-2000 Drig @ 13425' MW 12.2 ppg
6-11-2000 Drig @ 13509' MW 12.1 ppg
6-12-2000 Drig @ 13596' MW 12.0 ppg
6-13-2000 Drig @ 13653' MW 12.1 ppg
6-14-2000 Drig @ 13683' MW 12.1 ppg Trip for bit @ 13657'
6-15-2000 Drig @ 13760' MW 11.8 ppg
6-16-2000 Drig @ 13859' MW 11.7 ppg
6-17-2000 Drig @ 14020' MW 11.7 ppg
6-18-2000 Drig @ 14121' MW 11.7 ppg 1 1/2' @ 13982'
6-19-2000 Drig @ 14202' MW 11.7 ppg



14. I hereby certify that the foregoing is true and correct

Signed

James G. Johnson

Title Agent for Roden Oil Company

Date 6-27-2000

(This space for Federal or State office use)

Approved by

Chris Williams

Title

Date

Conditions of approval, if any:

DISTRICT 1 SUPERVISOR

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*See Instruction on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
1625 N. French Dr.
Hobbs, NM 88240

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. NM-101610
2. Name of Operator Roden Oil Company	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. 550 W. Texas, Suite 1140, Midland, Texas 79701 915-682-6373	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) (E) 1250' FNL & 1000' FWL Sec. 35, T-26-S, R-35-E	8. Well Name and No. MIRO "35" Fed #1
	9. API Well No. 30-025-34897
	10. Field and Pool, or Exploratory Area Wildcat
	11. County or Parish, State Lea, New Mexico

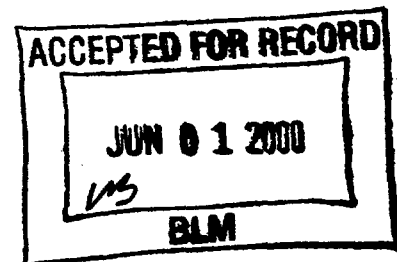
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>Progress Report</u>	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

4-24-2000 Spud @ 5:00 pm 4-23-2000 Lost Circ @ 94' Cmt. With 4yds redi-mix. WOC.
4-25-2000 Drig @ 500' 1 1/4" @ 389'
4-26-2000 Drig @ 1000' 1" @ 896'
4-27-2000 Drld to 1035' 1/2" @ 1035' Ran 13 3/8" casing set @ 1035' cmt w/ 850 sx cmt. Circ. 265 sx to surf. NU BOP's. *What class Cmt, what adding?*
4-28-2000 Finish NU 13 5/8" 10M Triple ram BOP's w annular. Certify N2 bottles and accumulator. Test BOP's & Csg to 1000 psi. *CW*
4-29-2000 Drig @ 1500' 1/2" @ 1325'
4-30-2000 Drig @ 2400' 3/4" @ 2193'
5-1-2000 Drig @ 3135' 1 1/4" @ 3031'



14. I hereby certify that the foregoing is true and correct

Signed James P. Philpott Title Agent for Roden Oil Company Date 5-17-2000

(This space for Federal or State office use)

Approved by Chris Williams Title DISTRICT 1 SUPERVISOR Date JUN 05 2000

Conditions of approval, if any: See above.

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
N.M. Oil Cons. Division
1625 N. French Dr.
Hobbs, NM 88240

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

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3. Address and Telephone No.

550 W. Texas, Suite 1140, Midland, Texas 79701 915-682-6373

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

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NM-101610

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7. If Unit or CA, Agreement Designation

8. Well Name and No.

MIRO "35" Fed #1

9. API Well No.

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10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Lea, New Mexico

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

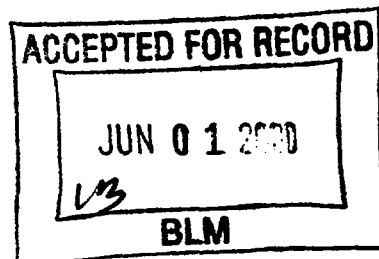
TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Progress Report
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☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

5-2-2000 Drig @ 3550' 1 1/4" @ 3496'
5-3-2000 Drig @ 3865' 1 1/4" @ 3743'
5-4-2000 Drig @ 4300' 1/2" @ 4022'
5-5-2000 Drig @ 4700' 3/4" @ 4645'
5-6-2000 Drig @ 5030' 3/4" @ 4974'
5-7-2000 Drig @ 5150' 1/2" @ 5150' Running 10 3/4" Csg.
5-8-2000 Fin. Running 10 3/4" Csg. Set @ 5150'. Cmt w/ 1000 sx cmt. Circ. 265 sx to Surface. NU 13 5/8" 10M Triple ram BOP's w/ annular Test BOP's & Choke Manifold to 5000 psi.
5-9-2000 Drig @ 5750' 3/4" @ 5454'
5-10-2000 Drig @ 6550' 1/2" @ 6357'



What class cmt, what additions? CW

14. I hereby certify that the foregoing is true and correct

Signed

James J. Philpott

Title Agent for Roden Oil Company

Date 5-17-2000

(This space for Federal or State office use)

Approved by

Chris Williams

Title DISTRICT 1 SUPERVISOR

Date JUN 05 2000

Conditions of approval, if any:

See above.

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*See Instruction on Reverse Side

New Mexico Oil Conservation Division, District I
1625 N. French Drive
Hobbs, NM 88240

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.

NM-101610

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

MIRO "35" Fed #1

9. API Well No.

30-025-34897

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Lea, New Mexico

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Roden Oil Company

3. Address and Telephone No.

550 W. Texas, Suite 1140, Midland, Texas 79701 915-682-6373

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

(E) 1250' FNL & 1000' FWL Sec. 35, T-26-S, R-35-E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

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☒ Subsequent Report
☐ Final Abandonment Notice

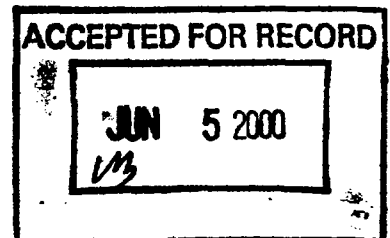
TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Casing Report
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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5-11-2000 Drlg @ 7068' 3/4° @ 6836'
5-12-2000 Drlg @ 7640' 1/4° @ 7284'
5-13-2000 Drlg @ 8090' 1/2° @ 7794'
5-14-2000 Drlg @ 8450' 1 1/4° @ 8272'
5-15-2000 Drlg @ 8640' 1 1/4° @ 8530'
5-16-2000 Drlg @ 9030'
5-17-2000 Drlg @ 9385' 2 1/2° @ 9007', 1 1/2° @ 9294'
5-18-2000 Drlg @ 9660'
5-19-2000 Drlg @ 9980' 2° @ 9709'
5-20-2000 Drlg @ 10070' 2 1/4° @ 10015'



14. I hereby certify that the foregoing is true and correct

Signed James B. [Signature]

Title Agent for Roden Oil Company

Date 6-1-2000

(This space for Federal or State office use)

Approved by Chris Williams

Title DISTRICT 1 SUPERVISOR

Date 6-15-2000

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

SF

New Mexico Oil Conservation District
UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
1625 N. French Drive
Albuquerque, NM 88240FORM APPROVED
OMB NO. 1004-0136
Expires: February 28, 1995

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐

b. TYPE OF WELL

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

2. NAME OF OPERATOR

Roden Oil Company

3. ADDRESS AND TELEPHONE NO.

550 W. Texas, Suite 1140; Midland, Texas 79701 (915) 682-6373

4. LOCATION OF WELL (Report location clearly and in accord

At surface 1250' FNL & 1000' FWL

At proposed prod. zone

OPER. OGRID NO. 182110

PROPERTY NO. 25276

POOL CODE 78010

EFF. DATE 1-26-2000

API NO. 30-025-34897

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN

13 miles Southwest of Jal, New Me

16. DISTANCE FROM PROPOSED

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

1000'

10. NO. OF ACRES IN LEASE

960

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.

NA

10. PROPOSED DEPTH

16500'

20. ROTARY OR CABLE TOOLS

Rotary

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

3040' GR

22. APPROX. DATE WORK WILL START

January 15, 2000

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	J-55 13 3/8"	54.5#	1000'	950 sx to circulate
12 1/4"	N-80&J-55 10 3/4"	51.0	5150'	1350 sx to circulate
9 1/2"	P-110 7 5/8"	33.7	13000'	1425 sx to TOC @ 5000'
6 1/2"	P-110 5"	21.6	12800'-16500'	450 sx (circ to liner top)

We propose to drill to a depth sufficient to test the Morrow formation for gas. If productive, a 5" liner will be run to TD. If non-productive, the well will be plugged and abandoned in a manner consistent with Federal Regulations. Specific programs as per Onshore Oil and Gas Order No. 1 are outlined in the following attachments:

Drilling Program

Exhibit A - Operations Plan
Exhibit B - BOP and Choke Schematic
Exhibit C - Drilling Fluid Program
Exhibit D - Auxiliary Equipment

Exhibit E - Topo Map at Location
Exhibit F - Map Showing Existing Wells
Exhibit F (A) - Plat of Location
Exhibit G - Well Site Layout
Surface Use and Operations Plan

Roden Oil Company accepts all applicable terms, conditions, stipulations and restrictions concerning operations conducted on the leased land or portion thereof, as described above.

Bond Coverage: Single Well

BLM Bond File No.: NM-2755

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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

James P. "Phil" Hanson

TITLE

Agent for Roden Oil Company

DATE

12-14-99

(This space for Federal or State office use)

ORIGINAL SIGNED BY CHRIS WILLIAM:

PERMIT NO. DISTRICT I SUPERVISOR

APPROVAL DATE

JAN 27 2000

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY:

/S/LARRY D. BRAY

Assistant Field Office Manager,
Lands and Minerals

JAN 25 2000

APPROVED BY

TITLE

DATE

*See Instructions On Reverse Side

APPROVED FOR 1 YEAR

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DISTRICT I
P. O. Box 1980
Hobbs, NM 88241-1980

DISTRICT II
P. O. Drawer DD
Artesia, NM 88211-0719

DISTRICT III
1000 Rio Brazos Rd.
Aztec, NM 87410

DISTRICT IV
P. O. Box 2088
Santa Fe, NM 87507-2088

State of New Mexico
Energy, Minerals, and Natural Resources Department

Form C-102
Revised 02-10-94

Instructions on back

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

OIL CONSERVATION DIVISION

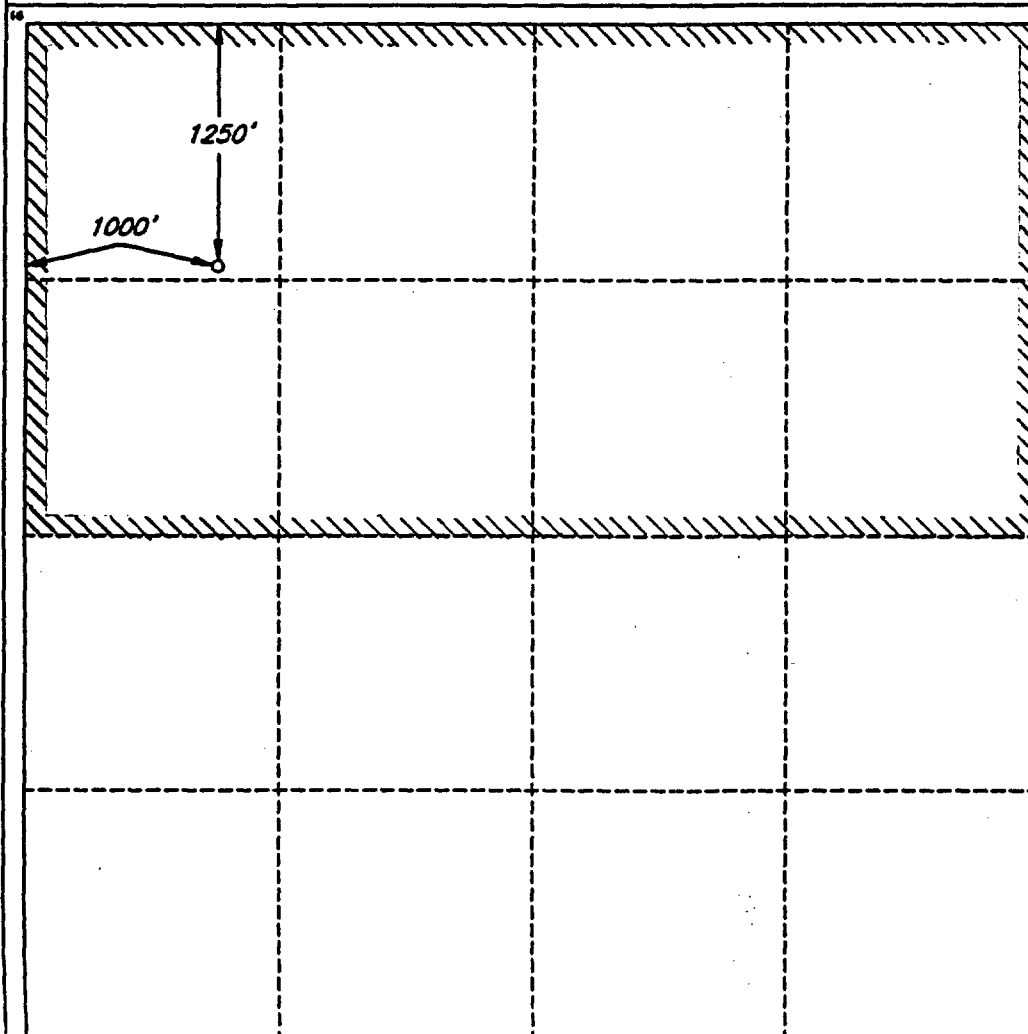
P. O. Box 2088
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-025-34897		2 Pool Code 78010		3 Pool Name Wildcat - Hagoor; Penn					
4 Property Code 25276		5 Property Name MIRO FEDERAL '35'						6 Well Number 1	
7 OGRID No. 182110		8 Operator Name RODEN OIL COMPANY (OGE)						9 Elevation 3040'	
* SURFACE LOCATION									
UL or lot no. FD	Section 35	Township 26 SOUTH	Range 35 EAST, N.M.P.M.	Lot Ida	Feet from the 1250'	North/South line NORTH	Feet from the 1000'	East/West line WEST	County LEA
"BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE									
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
10 Dedicated Acres 320		11 Joint or Infill		12 Consolidation Code		13 Order No.			

NO ALLOWABLE WELL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN
CONSOLIDATED OR A NON-STANDARD UNIT 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
James P. "Phil" Stinson

Printed Name
James P. "Phil" Stinson

Title
Agent for Roden Oil Company

Date
12-14-99

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 belief.

Date of Survey
OCTOBER 14, 1999

Signature and Seal of
Professional Surveyor

V. LYNN
BEZNER
NO. 1121
10-21-99

Certificate No.
V. E. BEZNER R.P.S. #7920

JOB #65753 / 21 SF / VHR

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT1625 N. French Drive
Hobbs, NM 88240FORM APPROVED
OMB NO. 1004-0136
Expires: February 28, 1995

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Roden Oil Company

3. ADDRESS AND TELEPHONE NO.

550 W. Texas, Suite 1140; Midland, Texas 79701 (915) 682-6373

4. LOCATION OF WELL (Report location clearly and in accord
At surface

(E) 1250' FNL & 1000' FWL

At proposed prod. zone

OPER. OGRID NO. 182110

PROPERTY NO. 25276

POOL CODE 78010

EFF. DATE 1-26-2000

API NO 30-025-34897

5. LEASE DESIGNATION AND SERIAL NO.

NM-101610

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME WELL NO.

Miro #35 Fed #1

9. AM WELL NO.

30-025-34897

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec. 35, T-26-S, R-35-E

12. COUNTY OR PARISH
Lea13. STATE
New Mexico14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOW
13 miles Southwest of Jal, New Me

15. DISTANCE FROM PROPOSED*

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

1000'

16. NO. OF ACRES IN LEASE

960

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

18. DISTANCE FROM PROPOSED*

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

NA

19. PROPOSED DEPTH

16500'

20. ROTARY OR CABLE TOOLS

Rotary

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

3040' GR

22. APPROX. DATE WORK WILL START*

January 15, 2000

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	J-55 13 3/8"	54.5#	1000'	950 sx to circulate
12 1/4"	N-80&J-55 10 3/4"	51.0	5150'	1350 sx to circulate
9 1/2"	P-110 7 5/8"	33.7	13000'	1425 sx to TOC @ 5000'
6 1/2"	P-110 5"	21.6	12800'-16500'	450 sx (circ to liner top)

We propose to drill to a depth sufficient to test the Morrow formation for gas. If productive, a 5" liner will be run to TD. If non-productive, the well will be plugged and abandoned in a manner consistent with Federal Regulations. Specific programs as per Onshore Oil and Gas Order No. 1 are outlined in the following attachments:

Drilling Program

Exhibit A - Operations Plan
Exhibit B - BOP and Choke Schematic
Exhibit C - Drilling Fluid Program
Exhibit D - Auxiliary Equipment

Exhibit E - Topo Map at Location
Exhibit F - Map Showing Existing Wells
Exhibit F (A) - Plat of Location
Exhibit G - Well Site Layout
Surface Use and Operations Plan

Roden Oil Company accepts all applicable terms, conditions, stipulations and restrictions concerning operations conducted on the leased land or portion thereof, as described above.

Bond Coverage: Single Well

BLM Bond File No.: NM-2755

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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

James P. Philpott

TITLE

Agent for Roden Oil Company

DATE

12-14-99

(This space for Federal or State office use)

PERMIT NO.

Chris W. Skone

APPROVAL DATE

JAN 27 2000

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY:

/S/LARRY D. BRAY

Assistant Field Office Manager,
Lands and Minerals

JAN 28 2000

APPROVED BY

TITLE

DATE

*See Instructions On Reverse Side

APPROVED FOR 1 YEAR

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DISTRICT I
P. O. Box 1980
Hobbs, NM 88241-1980

State of New Mexico
Energy, Minerals, and Natural Resources Department

Form C-102
Revised 02-10-94

Instructions on back

DISTRICT II
P. O. Drawer DD
Artesia, NM 88211-0719

OIL CONSERVATION DIVISION

P. O. Box 2088
Santa Fe, New Mexico 87504-2088

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

☐ AMENDED REPORT

DISTRICT III
1000 Rio Brazos Rd.
Aztec, NM 87410

DISTRICT IV
P. O. Box 2088
Santa Fe, NM 87507-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-025-34897	2 Pool Code 78010	3 Pool Name Wildcat Hagoood, Penn
4 Property Code 25276	5 Property Name MIRO FEDERAL '35'	6 Well Number 1
7 OGRID No. 182110	8 Operator Name RODEN OIL COMPANY (DGE)	9 Elevation 3040'

*** SURFACE LOCATION**

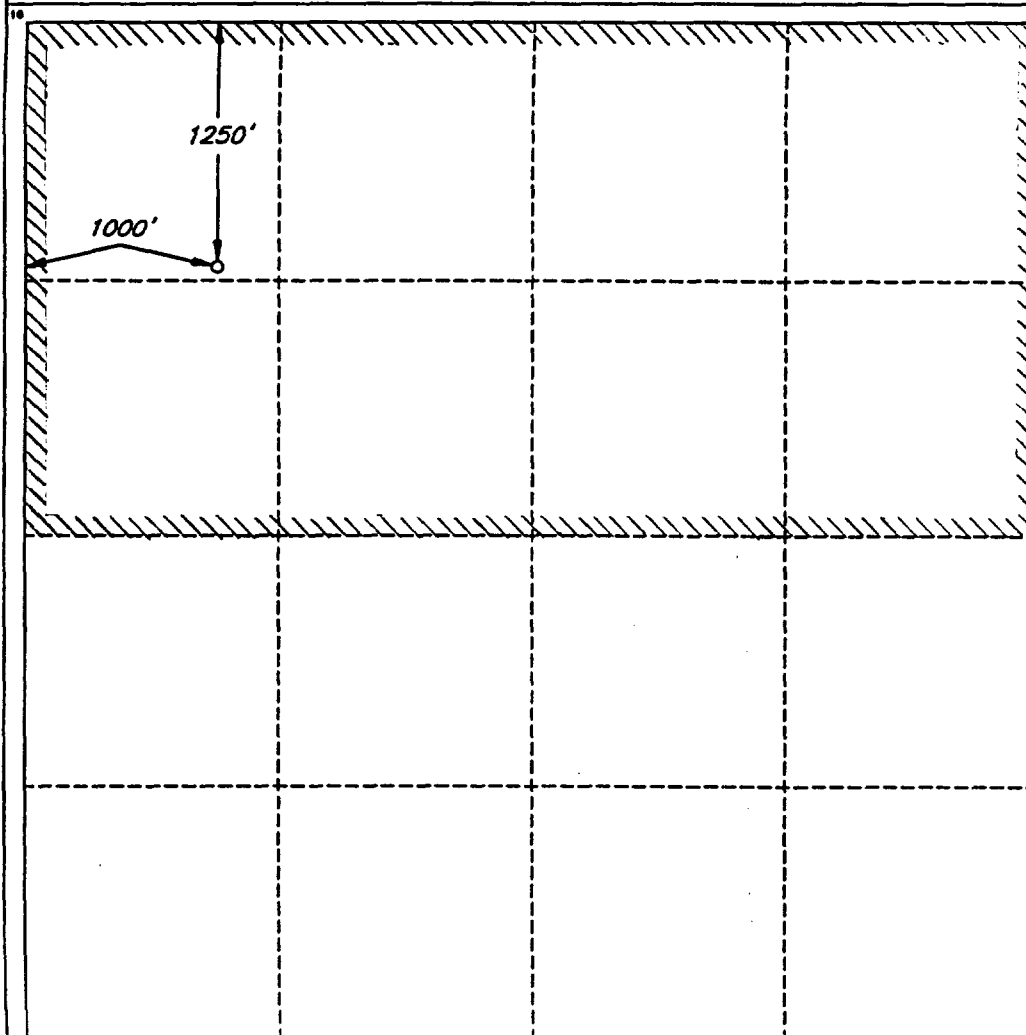
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
E	35	28 SOUTH	35 EAST, N.M.P.M.		1250'	NORTH	1000'	WEST	LEA

"BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres 320	13 Joint or Infill	14 Consolidation Code	15 Order No.
---------------------------	--------------------	-----------------------	--------------

NO ALLOWABLE WELL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN
CONSOLIDATED OR A NON-STANDARD UNIT 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 *James P. Stinson*
Printed Name

James P. "Phil" Stinson

Title

Agent for Roden Oil Company

Date

12-14-99

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 belief.

Date of Survey

OCTOBER 14, 1999

Signature and Seal of
Professional Surveyor

V. E. Bezner
V. E. BEZNER
10-21-99

Certificate No.

V. E. BEZNER R.P.S. #7920

JOB #65753 / 21 SF / V.H.P.

DRILLING PROGRAM
Roden Oil Company
MIRO "35" FEDERAL NO. 1
Section 35, T-26-S, R-35-E
Lea County, New Mexico

In conjunction with Form 3160-3, Application For Permit to Drill the subject well, Roden Oil Company submits the following ten items of pertinent information in accordance with Onshore Oil & Gas Order No. 1.

1. **Geologic Name of Surface Formation:** Alluvium

2. **Estimated Tops of Significant Geologic Markers:**

Rustler Anhydrite	950'
Delaware Lime	5140'
Bone Spring	9200'
Wolfcamp	12160'
Strawn	14300'
Atoka Lime	14950'
Morrow Sand	15602'
Total Depth	16500'

3. **The estimated depths at which water, oil, or gas formations are expected:**

Water	None expected in area
Gas	Wolfcamp @ 12160' to Morrow Sand @ 15600'

4. **Proposed Casing Program:** See Form 3160-3 and Exhibit A.

5. **Pressure Control Equipment:** See Exhibit B.

6. **Drilling Fluid Program:** See Exhibit C.

7. **Auxiliary Equipment:** A mud logging unit will be utilized to monitor penetration rate and hydrocarbon shows while drilling below the intermediate casing at 5150'.

8. **Testing, Logging, and Coring Program:**

Drill Stem Tests: None Planned

DRILLING PROGRAM

MIRO "35" FEDERAL NO. 1

Page 2

Logging:

Compensated Neutron/Gamma Ray (thru csg)	Surf -5150'
Dual Laterolog w/MSFL and Gamma Ray	5150'-13000'
Dual Induction/Gamma Ray	13000'-16500'
Compensated Neutron/Litho-Density/Gamma Ray	5150'-16500'

Coring: None planned.

9. Abnormal Conditions, Pressures, Temperatures, & Potential Hazards:

Pressures and temperatures are expected to be normal to the Wolfcamp at 12160'. Abnormal pressures and temperatures are anticipated from 12160' to total depth. Estimated bottom hole pressure is 11000 psi and estimated bottom hole temperature is 200° at TD.

10. Anticipated Starting Date and Duration of Operations:

Road and location work will not begin until approval has been received from the BLM. The anticipated spud date is January 15, 2000. Once spudded the drilling operation should be completed in approximately 85 days. If the well is productive, an additional 30 days will be required for completion and testing before permanent facilities are installed.

EXHIBIT A
OPERATIONS PLAN
Roden Oil Company
MIRO "35" FEDERAL NO. 1
Section 35, T-26-S,R-35-E
Lea County, New Mexico

1. Set 20" 78.6 ppf PELP conductor casing in a 26" hole to approximately 40' below ground level with rathole machine before moving rig. Cement to cellar floor with approximately 5 yards of 5 sack ready mixed concrete.
2. Drill a 17-1/2" hole to approximately 1000'.
3. Run 13-3/8" 54.5 ppf J-55 ST&C casing to 1000'. Cement to surface with 700 sx Class "C" cement containing 4% gel and 2% CaCl₂, followed by 250 sx Class "C" cement containing 2% CaCl₂. Run centralizers on every 3rd joint above the bottom.
4. Wait on cement six hours prior to cutting off.
5. Install 13-5/8" 5000 psi annular BOP and test to 1000 psi. WOC 12 hours prior to drilling out.
6. Drill a 12-1/4" hole to approximately 5150'.
7. Run 1000' of 10-3/4" 51 ppf N-80 ST&C casing on bottom with 4150' of 10-3/4" 51 ppf K-55 ST&C casing to surface. Cement to surface with 1000 sx Premium Plus "Lite" cement containing 6% gel and 12 pps salt followed by 350 sx Premium Plus cement. Run centralizers on every 2nd joint to 500' from bottom and place 3 centralizers in surface casing.
8. Wait on cement six hours prior to cutting off.
9. Install three 13-5/8" 10000 psi ram type BOP and one 13-5/8" 5000 psi annular BOP system with 10000 psi choke manifold.
10. Test BOP system and 10-3/4" casing to 2500 psi. WOC 24 hours prior to drilling out.
11. Drill a 9-1/2" hole to approximately 13000' and run electric logs.
12. Run 7-5/8" 33.7 ppf P-110 LT&C casing to 13000'. Cement to 5000' from surface in two stages with DV tool at ±7500'. Cement around casing shoe at 13000' with 500 sacks Premium "Lite" cement containing 6% gel, 3 pps salt, 4 pps gilsonite and .4% fluid loss additive followed by 425 sx Premium Trinity cement containing .5% fluid loss additive and .3% retarder. Cement through DV tool at 7500' with 250 sacks Premium "Lite" cement containing 6% gel and .4% fluid loss additive followed by 250 sacks Premium cement containing .6% fluid loss additive. Run centralizers on every 2nd joint to 500' from bottom and 1 joint above and below the DV tool.
13. Utilize the BOP system and choke manifold from 9-1/2" hole section (step 9).

14. Test BOP system to 10000 psi. Test 7-5/8" casing to 3000 psi. WOC 24 hours prior to drilling out.
15. Drill a 6-1/2" hole to approximately 16500' and run electric logs.
16. Either run and cement 3900' of 5" 21.40# P-110 FL4S casing liner from 16500' to 12600' or plug and abandon as per BLM requirements.

PROPOSED 10-M BOPE AND CHOKE ARRANGEMENT

EXHIBIT B
 Roden Oil Company
 MIRO "35" FEDERAL NO. 1
 1250' FNL & 1000' FWL
 Section 35, T-26-S, R-35-E
 Lea County, New Mexico

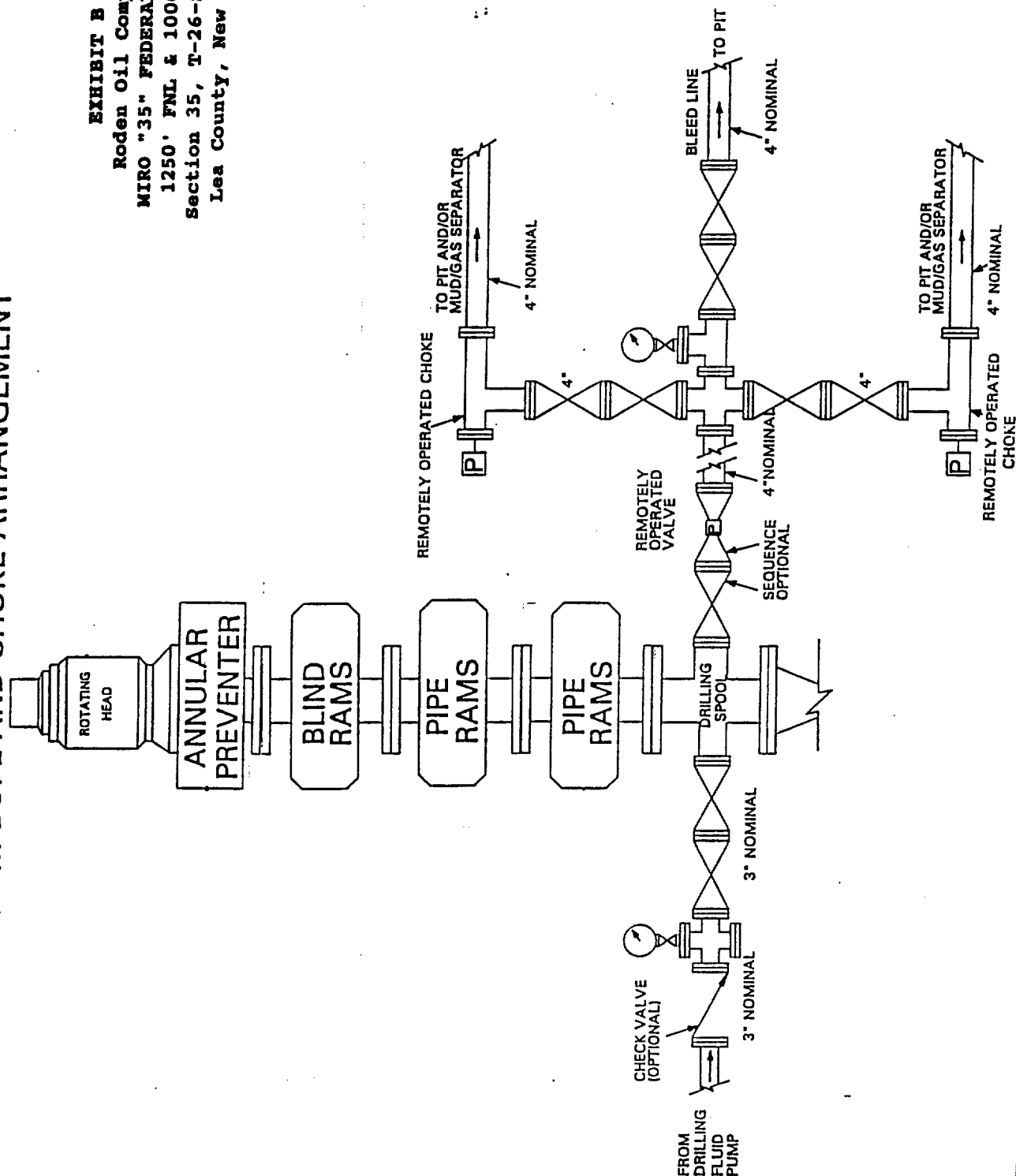


EXHIBIT C
DRILLING FLUID PROGRAM
Roden Oil Company
MIRO "35" FEDERAL NO. 1
Section 35, T-26-S,R-35-E
Lea County, New Mexico

0-1000'

Spud mud consisting of fresh water gel flocculated with lime. Use ground paper for seepage control and to sweep the hole. MW-8.5 ppg, Vis-40 and pH 10.0.

1000'-5150'

Drill out with brine water circulating the reserve pit. Utilize lime for pH control and ground paper mixed in prehydrated fresh gel sweeps to clean the hole. MW-10.0 ppg, Vis-28 and pH 10.0.

5150'-13000'

Drill out with brine water then add fresh water to cut brine to approximately 9.3-9.4 ppg (90,000 ppm chlorides) and continue circulating the reserve pit. Utilize lime for pH control to 8000' then switch to caustic. Utilize ground paper mixed in prehydrated fresh gel sweeps to clean the hole. MW-9.3 ppg, Vis-28, and pH 10.0.

13000'- 16500'

Drill out with inverted emulsion oil base mud weighted to 12.0 ppg with barite. Increase mud weight as necessary to control abnormally pressured shales or gas through this section.

EXHIBIT D
AUXILIARY EQUIPMENT
Roden Oil Company
MIRO "35" FEDERAL NO. 1
Section 35, T-26-S,R-35-E
Lea County, New Mexico

DRAWWORKS	OIME 1000 HP with Parmac 342 hydromatic brake and 1-1/4" drilling line.
ENGINES	Three Caterpillar D 3412 diesels rated at 485 HP each
ROTARY	Gardner Denver 27-1/2", 500 ton capacity
MAST SUB	Parco 136' raised mast rated to 750,000 lb static hook load Parco 23' height with 17' rotary beam clearance
TRAVELLING EQUIPMENT	Gardner-Denver 350 ton, 5 sheave block w/Web Wilson 350 ton hook Gardner Denver 350 ton swivel
PUMPS	Gardner Denver 6-1/2" x 9" 1000 HP triplex driven by compound Gardner Denver 6-1/2" x 9" 1000 HP triplex driven by compound
STEEL PIT SYSTEM	1-Shale Pit 8'X8'X50' w/double screen shale shaker 1-Suction Pit 8'X8'X50' w/mud agitators 2-Centrifugal mud mixing pumps
LIGHT PLANT	Two Caterpillar D3412 diesel/300 KW generator sets
BOP EQUIP	Hydril 13-5/8" 10000 psi WP three ram hydraulic Hydril 13-5/8" 5000 psi WP annular hydraulic Koomey 10 station closing unit w/120 gallon accumulator 10000 psi WP choke manifold

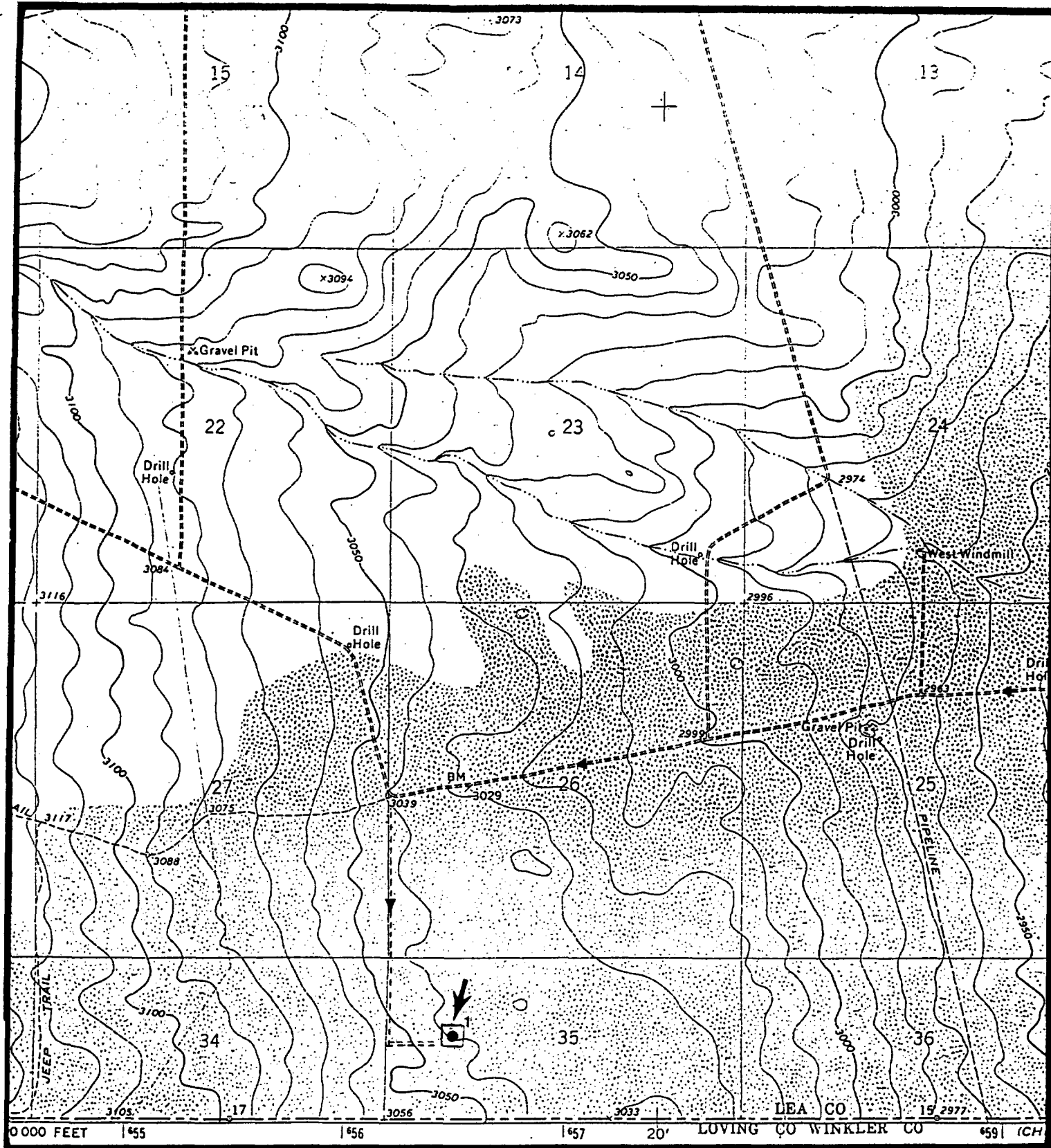


EXHIBIT E
TOPO MAP OF LOCATION AREA
 Roden Oil Company
 MIRO "35" FEDERAL NO. 1
 1250' FNL & 1000' FWL
 Section 35, T-26-S, R-35-E
 Lea County, New Mexico

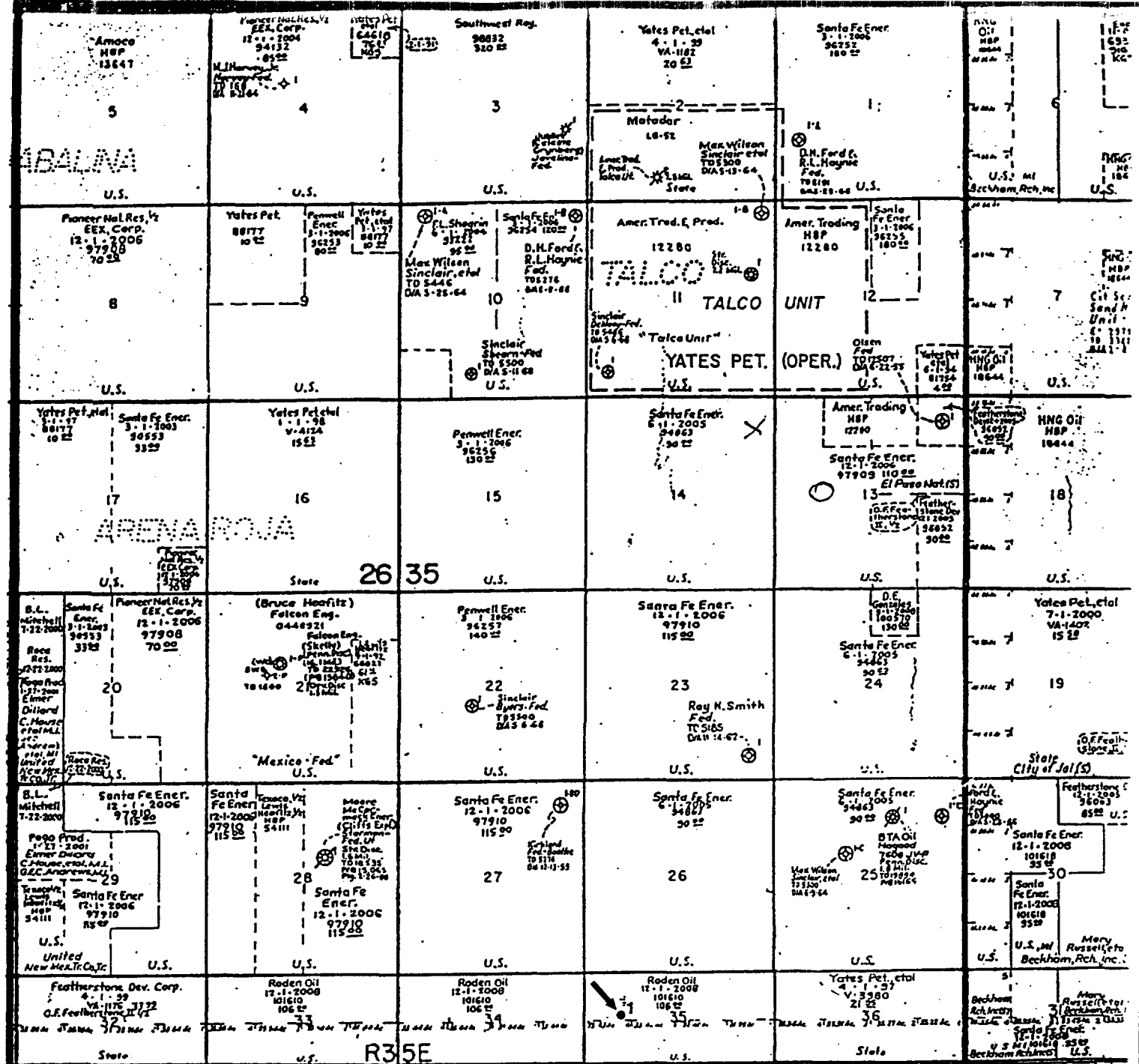


EXHIBIT F
EXISTING WELLS
Roden Oil Company
MIRO "35" FEDERAL NO. 1
1250' FNL & 1000' FWL
Section 35, T-26-S, R-35-E
Lea County, New Mexico

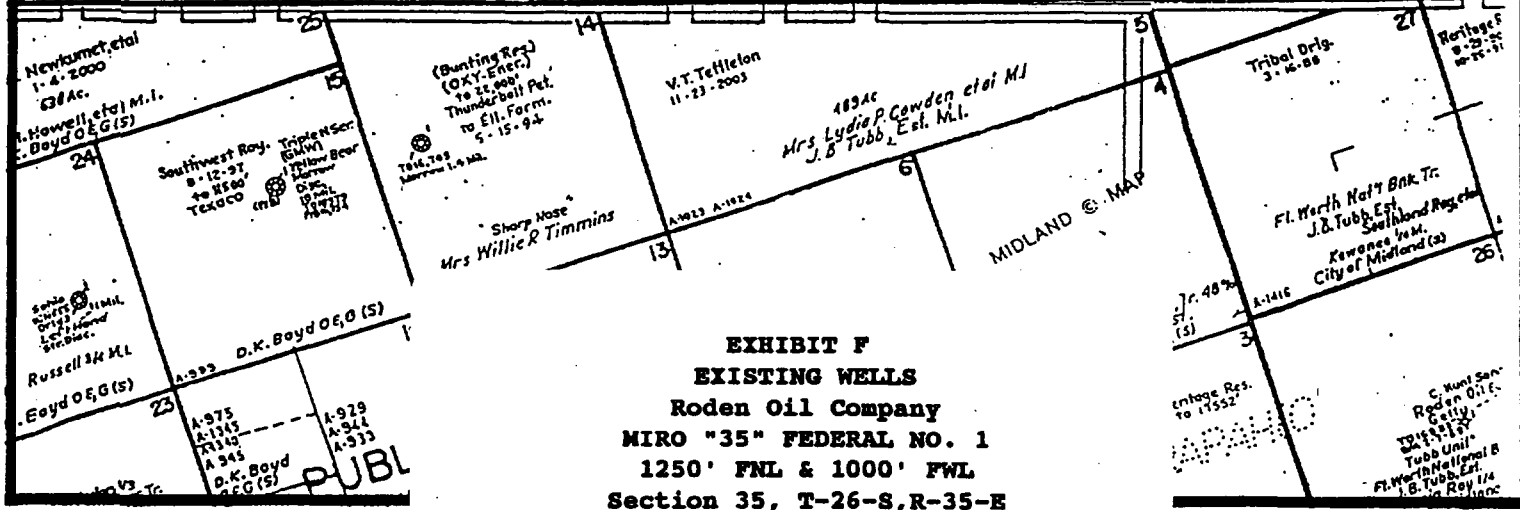
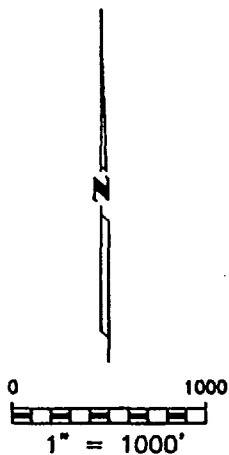
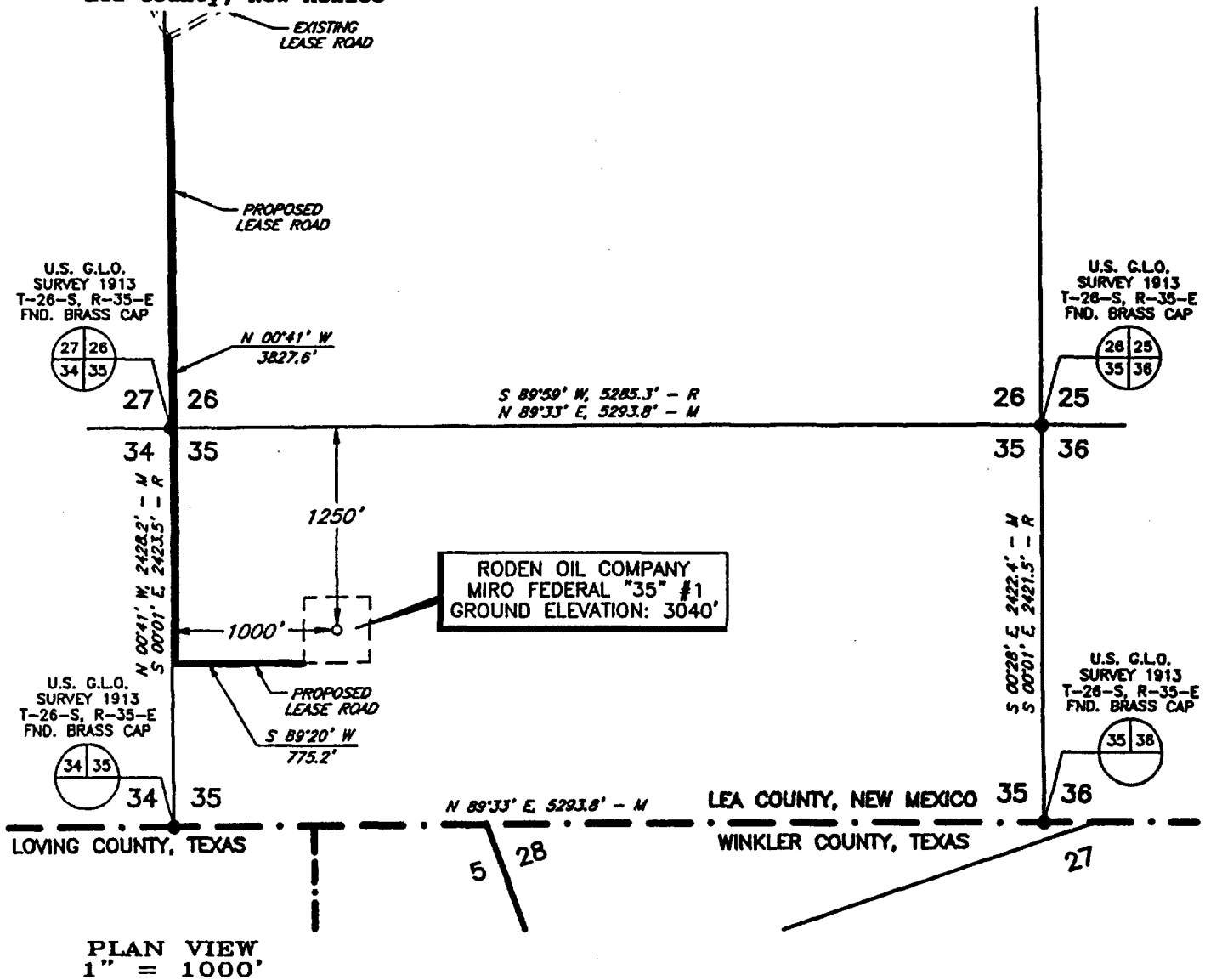


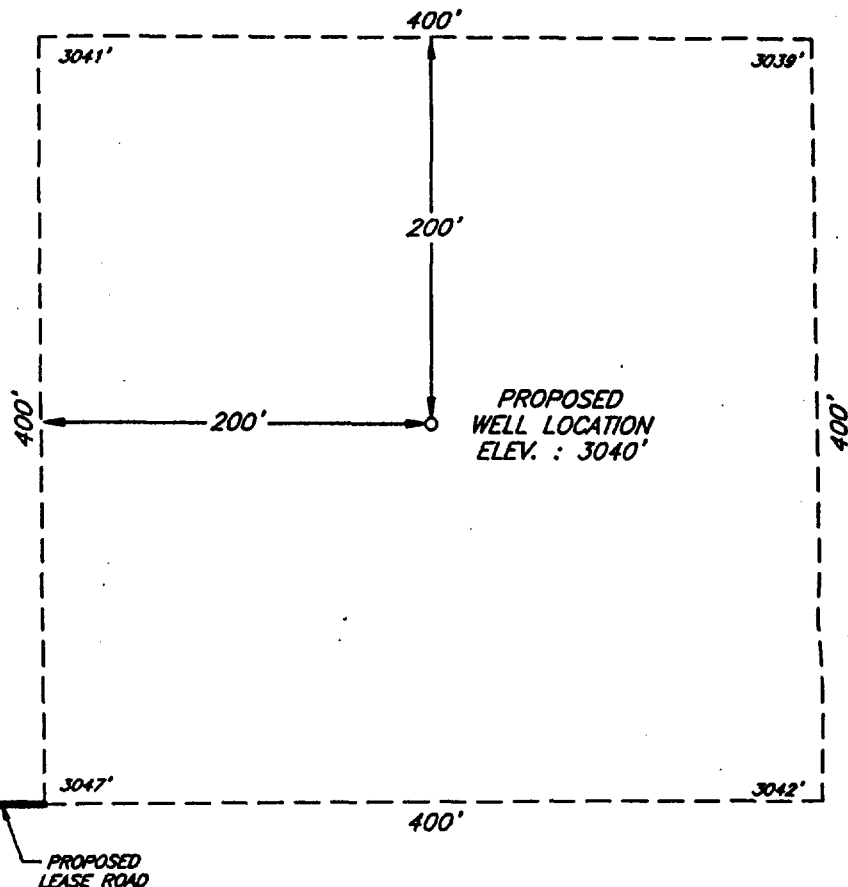
EXHIBIT F(A)
PLAT OF LOCATION
Roden Oil Company
MIRO "35" FEDERAL NO. 1
1250' FNL & 1000' FWL
Section 35, T-26-S, R-35-E
Lea County, New Mexico



DATE OF FIELD WORK: OCTOBER 14, 1999

I, V. L. BEZNER, A PROFESSIONAL SURVEYOR IN THE STATE OF NEW MEXICO AND AUTHORIZED AGENT OF TOPOGRAPHIC LAND SURVEYORS, HEREBY CERTIFY THIS PLAT TO BE A TRUE REPRESENTATION OF A SURVEY PERFORMED IN THE FIELD UNDER MY SUPERVISION, THAT I AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND THAT THIS PLAT AND FIELD SURVEY UPON WHICH IT IS BASED MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO. (RULE 500.6 EASEMENT SURVEYING)

V. L. Bezner
V. L. BEZNER, P.S. NO. 7920



RODEN OIL COMPANY

SCALE: AS SHOWN

DATE: OCTOBER 14, 1999

JOB NO.: 65753-F

NO. REVISION DATE BY

SURVEYED BY: R.J.O.

DRAWN BY: V.H.B.

APPROVED BY: V.L.B.

SURVEYING AND MAPPING BY

TOPOGRAPHIC LAND SURVEYORS

MIDLAND, TEXAS

QUAD NO.: 21 SE

SHEET: 1 OF 1

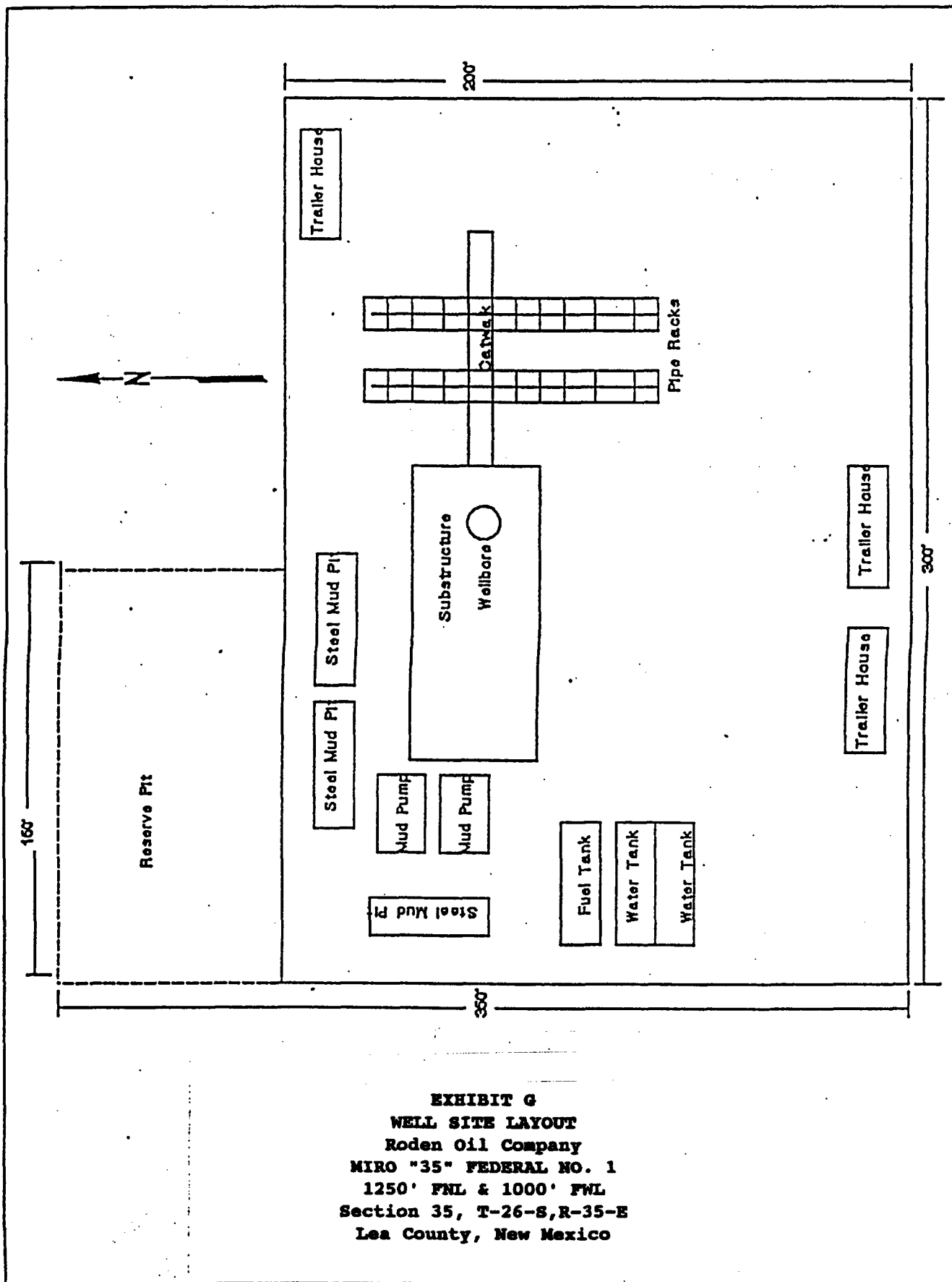


EXHIBIT G
WELL SITE LAYOUT
 Roden Oil Company
 MIRO "35" FEDERAL NO. 1
 1250' FNL & 1000' FWL
 Section 35, T-26-S, R-35-E
 Lea County, New Mexico

MULTI-POINT SURFACE USE AND OPERATIONS PLAN

Roden Oil Company

MIRO "35" FEDERAL NO. 1

Section 35, T-26-S,R-35-E

Lea County, New Mexico

This plan is submitted with Form 3160-3, Application for Permit to Drill, covering the above described well. The purpose of this plan is to describe the location of the proposed well, the proposed construction activities and operations plan, the magnitude of necessary surface disturbance involved, and the procedures to be followed in rehabilitating the surface after completion of the operations, so that a complete appraisal can be made of the environmental effects associated with the operation.

1. EXISTING ROADS.

- A. Exhibit E is a 7.5 minute topographic map which shows location of the proposed wellsite and roads in the vicinity. The proposed location is situated approximately 15 miles Southwest of Jal, New Mexico.

DIRECTIONS:

1. From Jal go ± 7 miles South on Lea County Road #205. Turn right (West) on caliche road and go 5.3 miles. Turn left (South) 0.7 miles to the proposed location.

2. PLANNED ACCESS ROAD.

- A. A 16' wide compacted caliche road will be built from the existing road in section 26 south along the west section line $\pm 3800'$ to the proposed location.

3. LOCATION OF EXISTING WELLS.

- A. The well locations in the vicinity of the proposed well are shown in Exhibits E & F.

4. LOCATION OF EXISITING AND/OR PROPOSED FACILITIES.

- A. There are no existing producing oil and gas wells on this lease at this time.
- B. In the event the well is productive, the necessary production equipment will be installed on the drilling pad.

5. LOCATION AND TYPE OF WATER SUPPLY

- A. It is planned to drill the well with both fresh water and brine water systems. Fresh water will be piped approximately 3 1/2 miles from an existing water well located near the Beckham ranch house. Brine water will be trucked to location over existing roads from a commercial source.

6. SOURCES OF CONSTRUCTION MATERIALS.

- A. Any caliche required for construction of the road and drilling pad will be obtained from a pit located off the wellsite.

7. METHODS OF HANDLING WASTE DISPOSAL

- A. Drill cuttings will be disposed of in the reserve pits.
- B. Drilling fluids will be allowed to evaporate in the reserve pits until the pits are dry.
- C. Water produced during operations will be either placed in the reserve pits and allowed to evaporate or collected in tanks until hauled to an approved disposal system or a separate disposal application will be submitted to the BLM for appropriate approval.
- D. Oil produced during operations will be stored in tanks until sold.
- E. Human waste will be disposed of per current standards.
- F. Trash, waste paper, garbage, and junk will be collected in trash trailers and disposed of in an approved waste facility such as a land fill. The trash trailers will contain all material to prevent scattering by the wind.
- G. All debris will be removed from the wellsite within 30 days after finishing drilling and/or completion operations.

8. ANCILLARY FACILITIES

- A. None required for drilling operations.

9. WELLSITE LAYOUT

- A. Exhibit G shows the dimensions of the well pad and reserve pits, and the location of major rig components.

- B. The ground surface of the location is relatively flat. Minor cutting will be required to level the pad area. The location will be constructed by leveling the necessary terrain and covering with at least six inches of compacted caliche.
- C. The reserve pits will be plastic lined.
- D. A 400' x 400' work area which will contain the pad and pit area has been staked and flagged.

10. PLAN FOR RESTORATION OF THE SURFACE

- A. After finishing drilling and/or completion operations, all equipment and other material not needed for further operations will be removed. The location will be cleared of all trash and junk, to leave the wellsite in an aesthetically pleasing a condition as possible.
- B. Unguarded pits, if any, containing fluid will be fenced until they have been filled.
- C. If the proposed well is non-productive, all rehabilitation and/or vegetation requirements of the Bureau of Land Management and the United States Geological Survey will be complied with and will be accomplished as expeditiously as possible. All pits will be filled and levelled within 300 days after abandonment.

11. TOPOGRAPHY

- A. The wellsite and access route are located in a relatively flat area.
- B. The top soil at the wellsite is sandy.
- C. The vegetation cover at the wellsite is moderately sparse with scattered mesquite, prairie grasses, and shinners oak.
- D. No wildlife was observed but it is likely that deer, rabbits, coyotes, and rodents traverse the area.
- E. There are no ponds, lakes, streams, or rivers within one mile of the wellsite.
- F. There is no evidence of any archaeological, historical, or cultural sites in the vicinity of the location.

12. OPERATOR'S REPRESENTATIVES

- A. The field representatives responsible for assuring compliance with the approved surface use plan are:

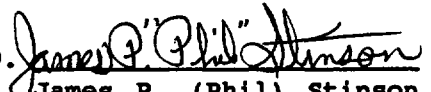
Mickey Dobson
Vice President
OGE Drilling USA, Inc.
550 W. Texas, Suite 1140
Midland, Texas 79701
915-682-6373 - office
915-694-2747 - home
915-553-5518 - cellular

James P. (Phil) Stinson
Operations Manager
OGE Drilling USA, Inc.
550 W. Texas, Suite 1140
Midland, Texas 79701
915-682-6373 - office
915-362-6240 - home
915-528-3974 - cellular

13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this 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 Dusty Mac Resources Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

SIGNED this 14th day of December, 1999.


James P. (Phil) Stinson
Agent for Roden Oil Company