

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Oil Cons.
N.M. DIV-DIST 2
301 W. Grand Avenue
Artesia, NM 88210

FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.
LC-064200
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other

2. NAME OF OPERATOR

Gruy Petroleum Management Co.

3. ADDRESS AND TELEPHONE NO.

P O Box 140907 Irving Tx. 75014-0907

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface 900' FNL & 1200' FEL

At top prod. interval reported below 900' FNL & 1200' FEL

At total depth 900' FNL & 1200' FEL

14. PERMIT NO. DATE ISSUED

7. UNIT AGREEMENT NAME

NMNM 94531

8. FARM OR LEASE NAME, WELL NO.

O'Neill Federal No. 2

9. API WELL NO.

30-015-32237

10. FIELD AND POOL, OR WILDCAT

Carlsbad; Morrow, South (Gas)

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

Sec 11 T-24S- R-26E

12. COUNTY OR PARISH

Eddy

13. STATE

NM

15. DATE SPUDDED 1-03-03 16. DATE T.D. REACHED 2-02-03 17. DATE COMPL. (Ready to prod.) 4-08-03 18. ELEVATIONS (DF, RKB, RT, OR, ETC.)* 3297' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 11940' 21. PLUG, BACK T.D., MD & TVD 11903' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS DIRECTIONAL SURVEY MADE

Carlsbad; Morrow., South 11228' - 11853'

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Spaced Neutron GRL, Dual Laterlog Micro-SFL, Cement Bond Log

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" H-40	48 #	445'	17-1/2"	490 sx C 4% gel circ 137 sx to pit	
9-5/8" J-55	40 #	3235'	12 1/4"	1200 sx interfill circ 162 sx to pit	
5-1/2" LT&C	17#	11900'	7-7/8"	1490 sx Interfil/PermTOC 2750'	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	11100'	11100'

31. PERFORATION RECORD (Interval, size and number)

11847-11853 6spf
11660-11668 6spf
11496-11520 6spf squeezed w 200 sx Class H
11238-11236 6spf

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
11847'-11853'	20500 gal CO2 12650# veraprop
11660'-11668'	20500 gal CO2 12650# veraprop
11496'-11520'	sqz w 200 sx Class H + additives
11238'-11236'	21000 gal CO2 12100# veraprop

33. PRODUCTION

DATE FIRST PRODUCTION 4-09-03 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or Shut-in) Producing

DATE OF TEST 4-25-03 HOURS TESTED 24 hours CHOKER SIZE 16/64" PROD'N. FOR TEST PERIOD OIL—BBL. 0- GAS—MCF. 1578 WATER—BBL. 0- GAS-OIL RATIO

FLOW, TUBING PRESS. 360 CASING PRESSURE CALCULATED 24-HOUR RATE OIL—BBL. 0- GAS—MCF. 1578 WATER—BBL. OIL GRAVITY-API (CORR.)

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

Sold

35. LIST OF ATTACHMENTS

NM C-122, Electric logs and Inclination Summary

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Zeno Farris

TITLE

Manager Operations Admin.

DATE

5-19-03

*(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
				Morrow	11440'	
				Lower Morrow	11726'	

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, N.M. 87504-2088

State of New Mexico

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

Form C-102

Revised February 10, 1994

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code 73960	Pool Name Carlsbad; Morrow, South (Gas)
Property Code	Property Name O'Neill Federal	Well Number 2
OGRID No. 162683	Operator Name GRUY PETROLEUM MANAGEMENT CO.	Elevation 3297'

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	11	24-S	26-E		900'	NORTH	1200	WEST	EDDY

Bottom Hole Location If Different From Surface

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

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320	Y	C	

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>O'Neill Federal No. 2</p> <p>O'Neill Federal No. 1</p> <p>660</p> <p>1980</p>		OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <u>Zeno Farris</u> Signature <u>Zeno Farris</u> Printed Name <u>Manager, Operations Admin.</u> Title <u>2/12/02</u> Date
		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. FEBRUARY 01, 2002 Date Surveyed Signature & Seal of Professional Surveyor <u>Ronald J. Edson</u> FEB 02/05/02 02.14.0091 Certificate No. <u>RONALD J. EDSON</u> 3238 <u>GARY EDSON</u> 12641

OPERATOR: GRUY PETROLEUM
WELL/LEASE: O'NEILL FED. 2
COUNTY: EDDY

080-0013

STATE OF NEW MEXICO
DEVIATION REPORT

215	1/4	9,220	1
445	1/2	9,567	1 1/4
889	1	10,086	1 1/4
1,157	1 1/4	10,684	1 3/4
1,549	1 1/4	10,904	1 1/4
2,050	1	11,161	3/4
2,550	1	11,640	1 1/4
3,015	1 3/4	11,940	1/2
3,235	1		
3,717	1		
4,193	3/4		
4,693	3/4		
5,181	1		
5,656	1		
6,132	1 3/4		
6,546	1 1/4		
7,052	1 1/2		
7,535	2		
7,886	3		
8,072	2 3/4		
8,263	2 3/4		
8,358	2 1/2		
8,455	2 1/4		
8,616	2 1/4		
8,711	2 1/2		
8,877	2		
8,994	2		
9,090	1 3/4		



By: *Steve Moore*

STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 13th day of February, 2003, by Steve Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

My Commission Expires: 3/31/2003

Joni D. Hodges
Notary Public for Midland County, Texas

