

Submit to Appropriate
District Office

State Lease - 6 copies

Fee Lease - 5 copies

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 Pacheco St.

Santa Fe, NM 87505

Form C-105

Revised 1-1-89

WELL API NO.

30-015-32286

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Echols Com

8. Well No.

2

9. Pool name or Wildcat

Carlsbad; Morrow, South

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 ☐

DESPEN ☐

PLUG BACK ☐

DIFF RESVR ☐

OTHER ☐

2. Name of Operator

Gruy Petroleum Management Company

3. Address of Operator

P.O. Box 140907, Irving, TX 75014-0907

4. Well Location

Unit Letter M : 1110' Feet From The South

Line and 990'

Feet From The West

Line

Section 12

Township 23S

Range 26E

NMPM

Eddy

County

10. Date Spudded

11-13-02

11. Date T.D. Reached

12-23-02

12. Date Compl. (Ready to Prod.)

4-05-03

13. Elevations (DF & REB, RT, GR, etc.)

3258' GR

14. Elev. Casinghead

15. Total Depth

12050'

16. Plug Back T.D.

12019'

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

All

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

11474' - 11904' Morrow

20. Was Directional Survey Made

Yes

21. Type Electric and Other Logs Run

Dual LL, Dual Sp GR, CBL,

22. Was Well Cored

No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	48 # H-40	487'	17 1/2"	490 sx Prem circ 120 to pit	
9 5/8"	40 # J-55	3188'	12 1/4"	1300sx Prem circ 180 to pit	
5 1/2"	17 #	12045"	8 3/4"	1800sx Interhl TOC 2020"	

24. LINER RECORD

25. TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8"	11403'	11403'

26. Perforation record (interval, size, and number)

11857'-11904' 6 SPF 120 Holes 11474'-11534' 6 SPF

11715'-11726' 6 JSPF

11607'-11637' 6 SPF

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

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

11857'-11904' 29100 gal fmd CO2 21500# interprop

11715'-11726' 1350 gal 71/2% NEFE HCL

11607'-11637' 55800 gal fmd CO2 30700# interprop

28. PRODUCTION 11474'-11534' 56700 gal fmd CO2 32700# interprop

Date First Production

4-05-03

Production Method (Flowing, gas lift, pumping - Size and type pump)

Flowing

Well Status (Prod. or Shut-in)

Producing

Date of Test

5-09-03

Hours Tested

24

Choke Size

24

Prod'n For Test Period

0

Oil - Bbl.

0

Gas - MCF

601

Water - Bbl.

0

Gas - Oil Ratio

NA

Flow Tubing Press.

1315

Casing Pressure

-0-

Calculated 24-Hour Rate

Oil - Bbl.

0

Gas - MCF

601

Water - Bbl.

0

Oil Gravity - API - (Corr.)

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

Test Witnessed By

30. List Attachments

Inclination survey, C-122, and electric log

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature

Zeno Farris

Printed Name

Zeno Farris

Title

Mgr. Ops Admin

Date

6-02-03

1000
1000
1000

10.78

Southeastern New Mexico

Northwestern New Mexico

T. Anhy	T. Canyon 10150	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn 10500	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka 10900	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Delaware Sand	T. Todilto	T.
T. Drinkard	T. Bone Springs 6270	T. Entrada	T.
T. Abo	T. Morrow 11370	T. Wingate	T.
T. Wolfcamp	T.	T. Chinle	T.
T. Penn	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....
No. 2, from.....to.....
No. 3, from.....to.....
No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology

From	To	Thickness in Feet	Lithology

OPERATOR: GRUY PETROLEUM
WELL/LEASE: ECHOLS COM. 2
COUNTY: EDDY

080-0012

STATE OF NEW MEXICO
DEVIATION REPORT

230	3/4	9,975	3
487	3/4	10,142	2
920	1 1/4	10,641	1 1/4
1,058	1 1/4	11,148	1 3/4
1,284	2 1/4	11,648	1 1/2
1,540	2 3/4	12,050	1 1/2
1,749	2		
1,857	2		
2,177	1		
2,651	3/4		
3,151	3/4		
3,650	1/2		
4,135	1		
4,617	1		
5,146	1		
5,630	1 1/2		
6,610	1		
7,092	3/4		
7,592	1		
8,072	2		
8,294	1 1/2		
8,555	1 1/4		
8,787	1 3/4		
9,025	2 1/4		
9,279	2 3/4		
9,407	2 1/4		
9,565	2 3/4		
9,691	2 1/2		
9,818	3		



By: Steve Moore

STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 3rd day of January, 2003, by Steve Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

Joni D. Hodges
Notary Public for Midland County, Texas

My Commission Expires: 3/31/2003

