

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-105
Revised 1-1-89

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

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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

WELL API NO.

30-025-31888 ✓

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

LG-607

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 ☐

DEEPEN ☐

PLUG BACK ☐

DFT RESVR ☐

OTHER ☐

7. Lease Name or Unit Agreement Name

Redhawk "32" State

2. Name of Operator

Mitchell Energy Corporation

3. Address of Operator

P. O. Box 4000, The Woodlands, TX 77387-4000

8. Well No.

1

9. Pool name or Wildcat

Quail Ridge (Morrow)

4. Well Location

Unit Letter L: 1980 Feet From The South Line and 810 Feet From The West Line

Section 32 Township 19S Range 34E NMPM Lea County

10. Date Spudded

2/17/93

11. Date T.D. Reached

4/6/93

12. Date Compl. (Ready to Prod.)

4/21/93

13. Elevations (DFA & RKB, RT, GR, etc.)

3643' GR

14. Elev. Casinghead

3643'

15. Total Depth

13,660'

16. Plug Back T.D.

13,568'

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

X

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

13,298-338' Morrow

20. Was Directional Survey Made

Yes

21. Type Electric and Other Logs Run

GR/DLL/MSFL/Sonic, GR/CNL/LDT, GR/CBL/CCL

22. Was Well Cored

Yes - sidewall

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	54.5	525'	17 1/2"	500 sx C1 C to surf	
8 5/8"	32	5241'	12 1/4"	550 sx + 2700 sx thru DV @ 3485' to surf	
5 1/2"	17	13658'	7 7/8"	850 sx C1 H + 300 sx Lite & 700 sx C1 H thru DV @ 9633'	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	25. TUBING RECORD
					SIZE DEPTH SET PACKER SET
					2 3/8" 13,249' 13,249'

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

13,298-338' (4 SPF) (.4") (160 shots)

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

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

28. PRODUCTION

Date First Production	4/21/93	Production Method (Flowing, gas lift, pumping - Size and type pump)	Flowing	Well Status (Prod. or Shut-in)	shut-in
Date of Test	4/21/93	Hours Tested	10	Choke Size	10.5/64
Flow Tubing Press.	4320	Casing Pressure	-	Prod'n For Test Period	Oil - Bbl. 57.1 Gas - MCF 658 Water - Bbl. 0 Gas - Oil Ratio 11,520
29. Disposition of Gas (Sold, used for fuel, vented, etc.)	vented	Calculated 24-Hour Rate	Oil - Bbl. 137 Gas - MCF 1580 Water - Bbl. 0 Oil Gravity - API - (Corr.) 50.4	Test Witnessed By	Gary Butler

30. List Attachments

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

James Blount

Printed

Name James Blount

Title Engineer

Date 4/30/93

5/21/92
SI
C-105

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anhy 1465'
T. Salt
B. Salt 3160'
T. Yates 3710'
T. 7 Rivers
T. Queen 4608'
T. Grayburg
T. San Andres
T. Glorieta
T. Paddock
T. Blinberry
T. Tubb
T. Drinkard
T. Abo
T. Wolfcamp 11,192'
T. Penn
T. Cisco (Bough C)

T. Canyon
T. Strawn 12,160'
T. Atoka 12,394'
T. Miss
T. Devonian
T. Silurian
T. Montoya
T. Simpson
T. McKee
T. Ellenburger
T. Gr. Wash
T. Delaware Sand 5730'
T. Bone Springs 8260'
T.
T. Morrow 12,707'
T.
T.

Northwestern New Mexico

T. Ojo Alamo
T. Kirtland-Fruitland
T. Pictured Cliffs
T. Cliff House
T. Menefee
T. Point Lookout
T. Mancos
T. Gallup
Base Greenhorn
T. Dakota
T. Morrison
T. Todilto
T. Entrada
T. Wingate
T. Chinle
T. Permian
T. Penn "A"

T. Penn. "B"
T. Penn. "C"
T. Penn. "D"
T. Leadville
T. Madison
T. Elbert
T. McCracken
T. Ignacio Otzte
T. Granite
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OIL OR GAS SANDS OR ZONES

No. 1, from 7966' to 7994'
No. 2, from 9392' to 9520'
No. 3, from 13,030' to 13,341'
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
surf	2950'	2950'	red beds & anhydrite	12707'	12958'	251'	limestone
2950	3160'	210'	salt	12958'	13660'	702'	sand & shale
3160'	4608'	1448'	dolomite & anhydrite				
4608'	4700'	92'	sand				
4700'	5730'	1030'	dolomite				
5730'	8262'	2532'	sand & dolomite				
8262'	9380'	1118'	limestone & shale				
9380'	11192'	1812'	lime, shale & siltstone				
11192'	11370'	178'	chert				
11370'	12160'	790'	limestone & shale				
12160'	12395'	235'	limestone & chert				
12395'	12707'	312'	shale				

RECEIVED
MAY 19 1993
OCD HOBBS OFFICE