

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

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

Form C-105
Revised 1-1-89

WELL API NO.
30-015-31720

5. Indicate Type of Lease
STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

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 ☐ DEEP RESVR ☐ OTHER ☐

2. Name of Operator
Murchison Oil & Gas, Inc.

3. Address of Operator
1100 Mira Vista Blvd. Plano, TX. 75093-4698

4. Well Location
Unit Letter P : 1320 Feet From The South Line and 1000 Feet From The East Line
Section 2 Township 17S Range 28E NMPM Eddy County

7. Lease Name or Unit Agreement Name
High Mesa St. Com.

8. Well No.
1

9. Well name or Wildcat
Natch Empire Atoka

10. Date Spudded 6/15/01 11. Date T.D. Reached 7/12/01 12. Date Compl. (Ready to Prod.) 10/5/01 13. Elevations (DF & RKB, RT, GR, etc.) 3579 GL 3601 KOB 14. Elev. Casinghead 3579

15. Total Depth 10439 16. Plug Back T.D. 9965 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By Rotary Tools Cable Tools X

19. Producing Interval(s), of this completion - Top, Bottom, Name 9668 - 674 Atoka 20. Was Directional Survey Made NO

21. Type Electric and Other Logs Run CNL - Density, GR, Laterlog 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"	68#/ft	410'	17-1/2"	355 sxs circ to surface	n/a
9-5/8"	47#/ft	2116'	11"	1270 sxs circ to surface	n/a
5-1/2"	17#/ft	10438'	8-1/2"	1500 sxs toc @ 5618'	n/a

LINER RECORD					TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	9538'	9538'

26. Perforation record (interval, size, and number)
9668 - 74 4 shots/ft

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED
9668 - 74 1500 gal 7.5% w/10mcf N2 & 30% methanol

PRODUCTION

28. Date First Production 10/05/01 Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing Well Status (Prod. or Shut-in) Producing

Date of Test	Hours Tested	Choke Size	Prod's For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
10/05/01	4 hr	12/64		5	40	0	80

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)
300	0		3	240	0	56

29. Disposition of Gas (Sold, used for fuel, vented, etc.) sold Test Witnessed By Tommy Folsom

30. List Attachments
CNL Density, GR, Laterlog

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 Michael S. Daugherty Printed Name Michael S. Daugherty Title VP Operations Date 10/5/01