

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

Form C-105
Revised 1-1-89

OIL CONSERVATION DIVISION

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

WELL API NO.

30-025-35677

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

LG 3175

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 ☐

DIFF
RESVR ☐

OTHER ☐

7. Lease Name or Unit Agreement Name

BRININSTOOL "4" STATE

2. Name of Operator

MURCHISON OIL & GAS, INC.

8. Well No.

#2

3. Address of Operator

1100 MIRA VISTA BLVD. PLANO, TX. 75093-4698

9. Pool name or Wildcat

JOHNSON RANCH WOLFCAMP

4. Well Location

Unit Letter N : 660 Feet From The SOUTH Line and 1890 Feet From The WEST Line

Section 4

Township 24S

Range 33E

NMPM

LEA

County

10. Date Spudded

9/16/01

11. Date T.D. Reached

10/21/01

12. Date Compl. (Ready to Prod.)

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

GL 3612

KDB 3629

14. Elev. Casinghead

3612

15. Total Depth

13850

16. Plug Back T.D.

17. If Multiple Compl. How

Many Zones? N/A

18. Intervals

Drilled By

Rotary Tools

13850'

Cable Tools

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

13217 - 13708

20. Hydrofracturing Survey Made

NO

21. Type Electric and Other Logs Run

NEUTRON-DENSITY, GR

22. Was Well Cored

NO

23.

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8	61 #/FT	807	17-1/2"	625 SXS CIRC TO SURE	N/A
9-5/8	47 #/FT	5159	12-1/4"	1500 SXS TOC @ 1140	N/A
7	32 #/FT	12600	8-1/2"	1485 SXS TOC @ 5126	N/A

24.

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
4-1/2	12271	13850	240 SXS	

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

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

13217-220	13315-331	13490-494
13248-258	13336-348	13658-665
13284-296	13347-368	13697-708
13300-313	13443-446	

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

28.

PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)					Well Status (Prod. or Shut-in)	
WOPL		FLOWING					SI WOPL	
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio	
11/17/01	4 HRS	32/64		70	420	30	6.0 MCF/BBL	
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)		
400 PSI	0		420	2520	180	56		

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

FLARED

Test Witnessed By

30. List Attachments

NEUTRON-DENSITY, GR

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

V P OPERATIONS

Date 11/26/01

JCS

Q K2

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

Northwestern New Mexico

T. Anhy _____	T. Canyon _____
T. Salt _____	T. Strawn _____
B. Salt _____	T. Atoka _____
T. Yates _____	T. Miss _____
T. 7 Rivers _____	T. Devonian _____
T. Queen _____	T. Silurian _____
T. Grayburg _____	T. Montoya _____
T. San Andres _____	T. Simpson _____
T. Glorieta _____	T. McKee _____
T. Paddock _____	T. Ellenburger _____
T. Blinberry _____	T. Gr. Wash _____
T. Tubb _____	T. Delaware Sand 5144
T. Drinkard _____	T. Bone Springs 9098
T. Abo _____	T. _____
T. Wolfcamp 12306	T. _____
T. Penn _____	T. _____
T. Cisco (Bough C)	T. _____

T. Ojo Alamo _____	T. Penn. "B" _____
T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Pictured Cliffs _____	T. Penn. "D" _____
T. Cliff House _____	T. Leadville _____
T. Menefee _____	T. Madison _____
T. Point Lookout _____	T. Elbert _____
T. Mancos _____	T. McCracken _____
T. Gallup _____	T. Ignacio Otzte _____
Base Greenhorn _____	T. Granite _____
T. Dakota _____	T. _____
T. Morrison _____	T. _____
T. Todilto _____	T. _____
T. Entrada _____	T. _____
T. Wingate _____	T. _____
T. Chinle _____	T. _____
T. Permian _____	T. _____
T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from.....12306.....to.....13850.....
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
5144	9098	3954	DELAWARE SAND & SHALE				
9098	12306	3208	BONE SPRINGS LIME, SAND & SHALE				
12306	13850	1544	WOLFCAMP LIME DALOMITE & SHALE				