

Submit To Appropriate District Office  
Two Copies  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources  
  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-105  
Revised April 3, 2017

1. WELL API NO.  
30-015-43984

2. Type of Lease  
☒ STATE ☐ FEE ☐ FED/INDIAN

3. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

4. Reason for filing:  
☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only)  
☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.6 NMAC)

5. Lease Name or Unit Agreement Name  
JAWBONE STATE

6. Well Number: 002H

7. Type of Completion:  
☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER

8. Name of Operator  
MURCHISON OIL & GAS, INC.

9. OGRID 015363

10. Address of Operator  
7250 DALLAS PARKWAY, SUITE 1400  
PLANO, TX 75024

11. Pool name or Wildcat  
COTTONWOOD DRAW; BONE SPRING

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	B	2	25S	26E	2	200	NORTH	1695	EAST	EDDY
BH:	O	2	25S	26E	15	332	SOUTH	1899	EAST	EDDY

13. Date Spudded  
01/26/2017

14. Date T.D. Reached  
02/10/2017

15. Date Rig Released  
02/12/2017

16. Date Completed (Ready to Produce)  
04/08/2017

17. Elevations (DF and RKB, RT, GR, etc.) 3383 GR

18. Total Measured Depth of Well  
11,983'

19. Plug Back Measured Depth

20. Was Directional Survey Made?  
YES

21. Type Electric and Other Logs Run  
GAMMA RAY

22. Production Interval(s), of this completion - Top, Bottom, Name  
7,450' - 11,945' MD - BONE SPRING

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13.375	54.5	299'	16	230 sx Class C	
9.625	36	1983'	12.25	624 sx Class C	
5.5	20	11981'	8.5	1940 sx Class C&H	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

26. Perforation record (interval, size, and number)  
7,450' - 11,945'; 16 stages, 3-4 clusters/stage, 45-48 perfs/stage, total 726 0.4" holes

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.  
DEPTH INTERVAL  
7,450' - 11,945'  
AMOUNT AND KIND MATERIAL USED  
6,682,671 lbs sand (fracture)

PRODUCTION

28. Date First Production  
04/13/2017

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

Well Status (Prod. or Shut-in)  
Producing

Date of Test 04/23/2017	Hours Tested 24	Choke Size 40/64	Prod'n For Test Period 24 HR	Oil - Bbl 920	Gas - MCF 2,745	Water - Bbl. 2,299	Gas - Oil Ratio 2,984
Flow Tubing Press.	Casing Pressure 860	Calculated 24-Hour Rate	Oil - Bbl. 920	Gas - MCF 2,745	Water - Bbl. 2,299	Oil Gravity - API - (Corr.) 48.3	

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

30. Test Witnessed By

31. List Attachments

32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.

33. Rig Release Date: 02/12/2017

34. If an on-site burial was used at the well, report the exact location of the on-site burial:

Latitude

Longitude

NAD83

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  
E-mail Address rcooper@jdmii.com

Printed Name Gary R Cooper Title Vice President Operations Date 05/11/2017

# 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 and not later than 60 days after completion of closure. When submitted as a completion report, this 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 11, 12 and 26-31 shall be reported for each zone.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 2,001	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinbry	T. Delaware Sand	T. Dakota	
T. Tubb	T. Cherry Canyon 3,058	T. Morrison	
T. Drinkard	T. Brushy Canyon 3,822	T. Todilto	
T. Abo	T. Bone Spring 5,439	T. Entrada	
T. Wolfcamp	T. Avalon Shale 5,603	T. Wingate	
T. Penn	T. 1 <sup>st</sup> Bone Spring 6,416	T. Chinle	
T. Cisco (Bough C)	T. 2 <sup>nd</sup> Bone Spring 6,913	T. Permian	

## OIL OR GAS SANDS OR ZONES

No. 1, from 7,450' to 11,945' MD  
 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
2001	5439	3438	sand, silt, black shale, limestone				
5439	6416	977	limestone, black shale, silt				
6416	6913	497	sand, silt, limestone				
6913	TD		sand, silt, limestone				