

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.  
30-015-43987

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 K NMAC)

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

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

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

12. Location  
Unit Ltr: B, Section: 2, Township: 25S, Range: 26E, Lot: 2, Feet from the N/S Line: 200, NORTH, Feet from the E/W Line: 1675, EAST, County: EDDY  
BH: P, 2, 25S, 26E, 16, 302, SOUTH, 398, EAST, EDDY

13. Date Spudded: 02/14/2017, 14. Date T.D. Reached: 02/26/2017, 15. Date Rig Released: 03/01/2017, 16. Date Completed (Ready to Produce): 04/08/2017, 17. Elevations (DF and RKB, RT, GR, etc.): 3384 GR

18. Total Measured Depth of Well: 12,135', 19. Plug Back Measured Depth: 12,114', 20. Was Directional Survey Made?: YES, 21. Type Electric and Other Logs Run: GAMMA RAY

22. Producing Interval(s), of this completion - Top, Bottom, Name  
7,588' - 12,100' MD - BONE SPRING

5. Lease Name or Unit Agreement Name  
JAWBONE STATE

6. Well Number: 001H

9. OGRID: 015363

11. Pool name or Wildcat  
COTTONWOOD DRAW; BONE SPRING

23. 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	295'	16	228 sx Class C	
9.625	36	1922'	12.25	624 sx Class C	
9.625	40	1994'	12.25		
5.5	20	12132'	8.5	1913 sx Class C&H	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

26. Perforation record (interval, size, and number)  
7,588' - 12,100'; 16 stages, 3-4 clusters/stage, 45-48 perms/stage, total 729 0.4" holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
7,588' - 12,100'	6,677,430 lbs sand (fracture)

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

28. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. or Shut-in)
04/09/2017	Flowing	Producing

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
04/19/2017	24	39/64	24 HR	1,109	2,184	1,711	1,969

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)
	860		1,109	2,184	1,711	48.6

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: 03/01/2017

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: [Signature] Printed: Gary R Cooper Title: Vice President Operations Date: 05/11/2017

E-mail Address: rcooper@dmii.com

## 2

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 2,042	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. Blinebry	T. Delaware Sand	T. Dakota	
T. Tubb	T. Cherry Canyon 3,082	T. Morrison	
T. Drinkard	T. Brushy Canyon 3,825	T. Todilto	
T. Abo	T. Bone Spring 5,463	T. Entrada	
T. Wolfcamp	T. Avalon Shale 5,637	T. Wingate	
T. Penn	T. 1 <sup>st</sup> Bone Spring 6,425	T. Chinle	
T. Cisco (Bough C)	T. 2 <sup>nd</sup> Bone Spring 6,934	T. Permian	

## OIL OR GAS SANDS OR ZONES

No. 1, from 7,588' to 12,100' MD

No. 3, from.....to.....

No. 2, 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
2042	5463	3421	sand, silt, black shale, limestone
5463	6425	962	limestone, black shale, silt
6425	6934	509	sand, silt, limestone
6934	TD		sand, silt, limestone