

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 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. 30-015-43985																
		2. Type of Lease <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN																
		3. State Oil & Gas Lease No.																
WELL COMPLETION OR RECOMPLETION REPORT AND LOG																		
4. Reason for filing: <input checked="" type="checkbox"/> COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) <input type="checkbox"/> 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)		5. Lease Name or Unit Agreement Name JAWBONE STATE																
		6. Well Number: 003H <div style="text-align: right; font-weight: bold;"> NM OIL CONSERVATION ARTESIA DISTRICT JUN 26 2017 </div>																
7. Type of Completion: <input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER																		
8. Name of Operator MURCHISON OIL & GAS, INC.		9. OGRID 015363 <div style="text-align: right; font-weight: bold;"> RECEIVED </div>																
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:	C	2	25S	26E	3	200	NORTH	1895	WEST	EDDY								
BH:	N	2	25S	26E	14	314	SOUTH	1898	WEST	EDDY								
13. Date Spudded 03/23/2017	14. Date T.D. Reached 04/04/2017	15. Date Rig Released 04/06/2017		16. Date Completed (Ready to Produce) 05/17/2017		17. Elevations (DF and RKB, RT, GR, etc.) 3331 GR												
18. Total Measured Depth of Well 11,810'		19. Plug Back Measured Depth		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 7,180' - 11,770' MD - 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		318'		16		230 sx Class C										
9.625		36		1896'		12.25		624 sx Class C										
5.5		20		11804'		8.5		1950 sx Class C&H										
24. LINER RECORD																		
SIZE	TOP	BOTTOM	SACKS CEMENT		SCREEN													
25. TUBING RECORD																		
SIZE	DEPTH SET		PACKER SET															
2.375	7,150'																	
26. Perforation record (interval, size, and number) 7,180' - 11,770'; 17 stages, 3-4 clusters/stage, 45-48 perfs/stage, total 768 0.4" holes																		
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>DEPTH INTERVAL</td> <td>AMOUNT AND KIND MATERIAL USED</td> </tr> <tr> <td>7,180' - 11,770'</td> <td>6,964,512 lbs sand (fracture)</td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>											DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	7,180' - 11,770'	6,964,512 lbs sand (fracture)				
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28. PRODUCTION																		
Date First Production 05/23/2017		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing												
Date of Test 06/16/2017	Hours Tested 24	Choke Size 64/64	Prod'n For Test Period 24 HR	Oil - Bbl 492	Gas - MCF 2,680	Water - Bbl. 1,117	Gas - Oil Ratio 5.447											
Flow Tubing Press.	Casing Pressure 1270	Calculated 24-Hour Rate	Oil - Bbl. 492	Gas - MCF 2,680	Water - Bbl. 1,117	Oil Gravity - API - (Corr.) 50.7												
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. Lat 32.165971° Lon -104.265.214° Jawbone Temporary Pit Application Submitted & Pending Approval							33. Rig Release Date: 04/06/2017											
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			Name Gary R Cooper			Title Vice President Operations		Date 06/22/2017										
E-mail Address rcooper@jdmii.com																		

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 1,930	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 2,963	T. Morrison	
T. Drinkard	T. Brushy Canyon 3,735	T. Todilto	
T. Abo	T. Bone Spring 5,362	T. Entrada	
T. Wolfcamp	T. Avalon Shale 5,558	T. Wingate	
T. Penn	T. 1 st Bone Spring 6,335	T. Chinle	
T. Cisco (Bough C)	T. 2 nd Bone Spring 6,823	T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from 7,180' to 11,770' MD
 No. 2, from.....to.....
 No. 3, from.....to.....
 No. 4, from.....to.....

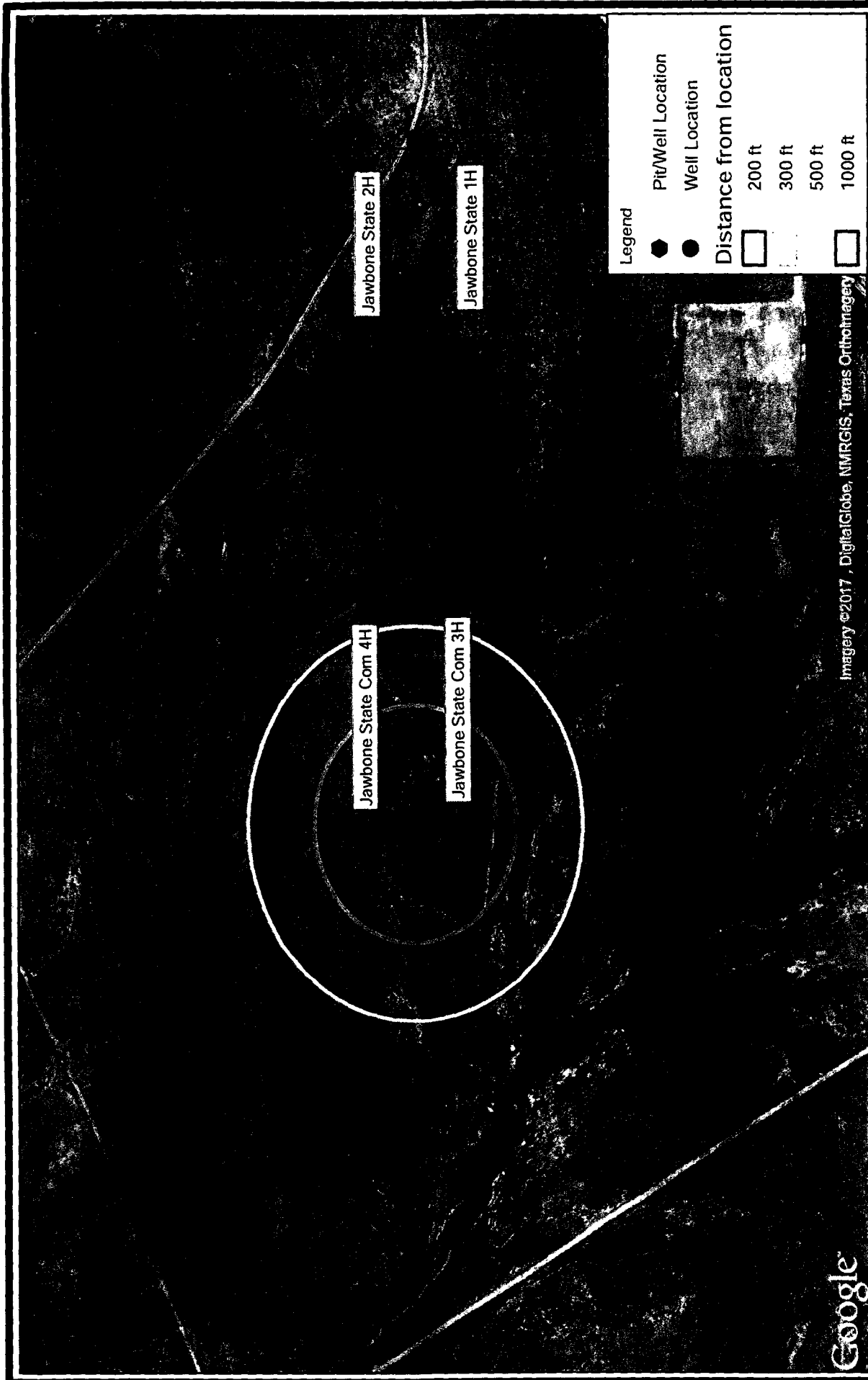
IMPORTANT WATER SANDS

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
1930	5362	3432	sand, silt, black shale, limestone				
5362	6335	973	limestone, black shale, silt				
6335	6823	488	sand, silt, limestone				
6823	TD		sand, silt, limestone				



(aerial image c.2016)

<p>R.T. Hicks Consultants, Ltd 901 Rio Grande Blvd NW Suite F-142 Albuquerque, NM 87104 Ph: 505.266.5004</p>	<p>Nearby Structures</p> <p>Murchison Oil & Gas, Inc: Jawbone State 1H, 2H, Com 3H, Com 4H</p>	<p>Figure 4</p> <p>February 2017</p>
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