

Confidential

Submit To Appropriate District Office Two Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, 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 July 17, 2008
	1. WELL API NO. 30-015-40130	
	2. Type of Lease <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN	

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)	5. Lease Name or Unit Agreement Name POLAR BEAR STATE COM
<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)	6. Well Number: 004H

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NMOCD ARTESIA

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 15363
10. Address of Operator 1100 MIRA VISTA BLVD., PLANO, TX 75093	11. Pool name or Wildcat EMPIRE; GLORIETA-YESO

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	H	I	17S	28E		2260	N	150	E	EDDY
BH:	F	I	17S	28E		2263	N	2168	W	EDDY

13. Date Spudded 05/18/12	14. Date T.D. Reached 06/20/12	15. Date Rig Released 06/24/12	16. Date Completed (Ready to Produce) 8/20/12	17. Elevations (DI and RKB, RT, GR, etc.) 3668 GR
18. Total Measured Depth of Well 6590'	19. Plug Back Measured Depth	20. Was Directional Survey Made? YES	21. Type Electric and Other Logs Run COMP NEUTRON; LATEROLOG	

22. Producing Interval(s), of this completion - Top, Bottom, Name
3900' - 6590' Paddock

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9.625"	36	371'	12.25"	558 sx/ CL C	
7"	26	3,896'	8.75"	725 sx/ CL C	
4.5"	11.6	6,572'	6.125"	0	

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2.875	3,417'	

26. Perforation record (interval, size, and number) 4,019' TO 6,572' 14 STAGE OPEN HOLE SYSTEM	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	4,019' - 6,572'	1,029 BBLS 15 % HCL ACID; 37,304 LBS 100 MESH SD; 993,398 LBS 20/40 WHITE SD; 241,777 SUPER LC SD; 34,594 BBLS WTR

28. PRODUCTION

Date First Production 8/29/12	Production Method (Flowing, gas lift, pumping - Size and type pump) TD-850 140 STAGE ESP PUMP, 75 HP			Well Status (Prod. or Shut-in) PRODUCING			
Date of Test 09/03/12	Hours Tested 24	Choke Size 20/64	Prod'n For Test Period	Oil - Bbl 25	Gas - MCF 125	Water - Bbl. 1069	Gas - Oil Ratio 5000
Flow Tubing Press. 120	Casing Pressure 80	Calculated 24-Hour Rate	Oil - Bbl. 25	Gas - MCF 125	Water - Bbl. 1069	Oil Gravity - API - (Corr.) 37.4	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD	30. Test Witnessed By
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31. List Attachments
LITHO-DENSITY COMP NEUTRON; HI-RES LATEROLOG; CALIPER; SONIC SCANNER

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

33. If an on-site burial was used at the well, report the exact location of the on-site burial:
Currently drying cuttings; on-site burial not yet completed.

Latitude 32.866091 Longitude 107.12179 NAD 1983

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:  Printed Name: Steve Morris Title: Sr. Drilling Engineer Date: 09/06/12

E-mail Address: smorris@jdnmii.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 469'	T. Ranger Lake	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates 772'	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers 1021'	T. Devonian	T. Cliff House	T. Leadville
T. Queen 1574'	T. Silurian	T. Menefee	T. Madison
T. Grayburg 1997'	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres 2370'	T. Simpson	T. Mancos	T. McCracken
T. Glorieta 3738'	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock 3790'	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1: from 3790 to 4145 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	From	To	Thickness In Feet	Lithology
469	772	303	salt, anhydrite				
772	1574	802	anhydrite, red shale, dolomite				
1574	2370	796	anhydrite, dolomite, silt, red shale				
2370	3738	1368	dolomite, anhydrite				
3738	3790	52	silt, dolomite				
3790	4145	355	dolomite, anhydrite				