

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

RECEIVED
FEB 18 2009
HOBBSDO

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
2220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-105
July 17, 2008

1. WELL API NO.
30-025-39130
2. Type of Lease
☒ STATE ☐ FEE ☐ FED/INDIAN
3. State Oil & Gas Lease No V-07612

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.

5. Lease Name or Unit Agreement Name
HIGHTOWER STATE UNIT

6. Well Number
3

10. Address of Operator 1100 MIRA VISTA BLVD.
PLANO, TX. 75093-4698

11. Pool name or Wildcat
Wildcat MISS. MERAMEC - OSAGE (92736)

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	I	27	12S	33E		1750	S	330	E	LEA
BH:	I	27	12S	33E		1750	S	330	E	LEA

13. Date Spudded 10/4/2008	14. Date T.D. Reached 11/17/2008	15. Date Rig Released 11/20/2008	16. Date Completed (Ready to Produce) 1/23/2009	17. Elevations (DF and RKB, RT, GR, etc.) GL 4241' RKB 4258'
18. Total Measured Depth of Well 10,361'	19. Plug Back Measured Depth 10,295'	20. Was Directional Survey Made? No	21. Type Electric and Other Logs Run Comp Neut. Density GR, Dual Laterlog	

22. Producing Interval(s), of this completion - Top, Bottom, Name
10,213' - 10,254' Miss. Meramec - Osage

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"	48 #/FT	420'	17-1/2"	445	
9-5/8"	40 #/FT	3801'	12-1/4"	960	
5-1/2"	17 #/FT	10345'	8-3/4"	1710	

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2-7/8"	10,100'
						10,100'

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

10,213' - 10,254'

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
10,213' - 10,254'	5000 GALS 15% HCL

28. PRODUCTION

Date First Production 1/23/2009		Production Method (Flowing, gas lift, pumping - Size and type pump) FLOWING			Well Status (Prod or Shut-in) PRODUCING		
Date of Test 1/22/09	Hours Tested 24	Choke Size 18/64	Prod'n For Test Period	Oil - Bbl 16	Gas - MCF 960	Water - Bbl 6	Gas - Oil Ratio 60
Flow Tubing Press. 1750	Casing Pressure	Calculated 24- Hour Rate	Oil - Bbl. 16	Gas - MCF 960	Water - Bbl. 6	Oil Gravity - API - (Corr.)	

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

FLARED

30. Test Witnessed By
T. FOLSOM

31. List Attachments
COMPENSATED NEUTRON DENSITY, GR, DUAL LATEROLOG

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:

Latitude Longitude NAD 1927 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 A. Arnold Nall Printed Name A. ARNOLD NALL Title VP OPERATIONS Date 2/4/2009

E-mail Address arnall@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 1708	T. Strawn 9739	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka 10013	T. Fruitland	T. Penn. "C"
T. Yates 2458	T. Miss 10194	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen 3164	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres 3758	T. Simpson	T. Mancos	T. McCracken
T. Glorieta 5114	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb 6540	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo 7238	T.	T. Entrada	
T. Wolfcamp 8528	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C) 9064	T.	T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from...10,213.....to.....10,254.....

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
3820	4700	880	Dolomite & Sand				
4700	4900	200	Limestone				
4900	5180	280	Dolomite, Limestone				
5180	5680	500	Anhydrite, Dolomite & Limestone				
5680	6260	580	Anhydrite, Dolomite, Limestone & Shale				
6260	6640	380	Anhydrite, Dolomite & Limestone				
6640	7080	440	Anhydrite, Dolomite & Shale				
7080	7285	205	Anhydrite & Dolomite				
7285	8360	1075	Anhydrite, Dolomite & Shale				
8360	8540	180	Dolomite				
8540	8760	220	Dolomite & Limestone				
8760	9100	340	Dolomite, Limestone & Shale				
9100	9560	460	Limestone				
9560	9880	320	Limestone & Shale				
9880	10060	180	Chert, Limestone & Shale				
10060	10180	120	Limestone & Shale				
10180	10245	65	Limestone, Sand & Shale				
10245	10360	115	Chert & Limestone				

REFERENCE SHEET FOR
UNDESIGNATED WELLS

	Fm	Pm	N	Pc
12-16 C	XX	XX		XX

paragraph

1. Date:	3/5/2009
2. Type of Well:	
Oil:	
Gas:	XX
3. County:	LEA

4. Operator	MURCHISON OIL & GAS INC			API NUMBER:	30 - 025 - 39130
5. Address of Operator	1100 MIRA VISTA BLVD PLANO TX 75093-4698				
6. Lease name or Unit Agreement Name	HIGHTOWER STATE UNIT			7. Well Number	# - 3
8. Well Location	Unit Letter I 1750 feet from the S line and 330 feet from the E line Section 27 Township 12S Range 33E				
9. Completion Date	1/23/2009	11. Perfs	Top	Bottom	TD
			10213	10254	10361
10. Name of Producing Formation(s)	MISSISSIPPIAN		12. Open Hole Casing shoe	Bottom	PBTD
					10295
13. C-123 Filed	Date	15. Name of Pool Requested or temporary Wildcat designation	Pool ID num		
Y	N	WILDCAT S123327I;MISS (GAS)	97736		
16. Remarks	NEW POOL E/2 DEDICATED				

TO BE COMPLETED BY DISTRICT GEOLOGIST		
17. Action taken	18. Pool Name	Pool ID num
NEW POOL	HIGHTOWER;MISSISSIPPIAN (GAS)	97736
T 12 S, R 33 E		
Sec 27: E/2		

19. Advertised for HEARING	20. Case Number
21. Name of pool for which was advertised	Pool ID num
HIGHTOWER;MISSISSIPPIAN (GAS)	97736
22. Placed in Pool	23. By order number
	R-