

Submit To Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 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
Revised June 10, 2003
WELL API NO.
30-015-34803
5. Indicate Type of Lease
STATE ☒ FEE ☐
State Oil & Gas Lease No. VA2592

Month - Year
APR 12 2007
OCD - ARTESIA, NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER _____			7. Lease Name or Unit Agreement Name HACKBERRY STATE		
b. Type of Completion: NEW ☒ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF. WELL OVER BACK RESVR. ☐ OTHER			8. Well No. 1		
2. Name of Operator MURCHISON OIL & GAS, INC.			9. Pool name or Wildcat WILDCAT WOLFCAMP		
3. Address of Operator 1100 MIRA VISTA BLVD., PLANO, TX. 75093-4698					
4. Well Location Unit Letter O : 660 Feet From The SOUTH Line and 1980 Feet From The EAST Line Section 17 Township 18-S Range 23-E NMPM County EDDY					
10. Date Spudded 10/29/06	11. Date T.D. Reached 12/4/06	12. Date Compl. (Ready to Prod.) 4/3/07	13. Elevations (DF& RKB, RT, GR, etc.) GL 3995' RKB 4008'	14. Elev. Casinghead 3995'	
15. Total Depth 8110'	16. Plug Back T.D. 8069'	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By ALL	Rotary Tools NONE	
19. Producing Interval(s), of this completion - Top, Bottom, Name WOLFCAMP TOP 4430' TVD 4635' TVD				20. Was Directional Survey Made YES	
21. Type Electric and Other Logs Run COMPENSATED NEUTRON DENSITY, GR, LATEROLOG			22. Was Well Cored		

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"	68 #/FT	416'	17-1/2"	365	
9-5/8"	47 & 53 #/FT	1332'	12-1/4"	1080	
5-1/2"	17 #/FT	8110'	7-7/8"	1010	
24. LINER RECORD					
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	
26. Perforation record (interval, size, and number)			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.		
4770 - 72' 2' 11 HOLES	6150 - 52' 2' 13 HOLES	SEE	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	
5010 - 12' 2' 12 HOLES	6360 - 62' 2' 14 HOLES	ATTACHMENT	4770 - 8062	FRAC w/ 16,000# 100 SAND + 35,000# LITE	
5210 - 12' 2' 13 HOLES	6610 - 12' 2' 11 HOLES	FOR		PROP + 124,000# 30/70 SAND + 142,000#	
5410 - 12' 2' 14 HOLES	6810 - 12' 2' 12 HOLES	ADDITIONAL		20/40 SAND + 253 TONS CO2	
5730 - 32' 2' 11 HOLES	7010 - 12' 2' 13 HOLES	PERFS			

28. PRODUCTION							
Date First Production 4/3/07		Production Method (Flowing, gas lift, pumping - Size and type pump) FLOWING			Well Status (Prod. or Shut-in) PRODUCING		
Date of Test 4/3/07	Hours Tested 24	Choke Size 16/64	Prod'n For Test Period	Oil - Bbl 0	Gas - MCF 185	Water - Bbl. 30	Gas - Oil Ratio N/A
Flow Tubing Press. 440	Casing Pressure 470	Calculated 24-Hour Rate	Oil - Bbl. 0	Gas - MCF 185	Water - Bbl. 30	Oil Gravity - API - (Corr.) N/A	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD	Test Witnessed By TOMMY FOLSOM
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30. List Attachments COMPENSATED NEUTRON DENSITY, GR, LATEROLOG
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31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief

Signature *Michael S. Daugherty* Printed Name MICHAEL S. DAUGHERTY Title V P OPERATIONS Date 4/5/2007
E-mail Address mdaugherty@jdmfi.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. It 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 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

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. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta 1480 TVD	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinbry	T. Gr. Wash	T. Morrison	T.
T. Tubb 2823 TVD	T. Delaware Sand	T. Todilto	T.
T. Drinkard	T. Bone Springs	T. Entrada	T.
T. Abo 3466 TVD	T.	T. Wingate	T.
T. Wolfcamp 4430 TVD	T.	T. Chinle	T.
T. Penn	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from.....4430' MD.....to.....8110' 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
2160	3400	1240	DOLOMITE & SAND
3400	4400	1000	DOLOMITE, ANHYDRITE & SHALE
4400	4630	230	DOLOMITE, LIME & SHALE

Murchison Oil & Gas, Inc.
Hackberry St #1
Eddy Co., NM.

Form C-105
Attachment

26. Additional Perforation record:

7245 - 47'	2'	14 HOLES
7460 - 62'	2'	11 HOLES
7550 - 53'	3'	15 HOLES
7650 - 52'	2'	12 HOLES
7760 - 63'	3'	17 HOLES
7860 - 62'	2'	13 HOLES
7960 - 63'	3'	18 HOLES
8060 - 62'	2'	14 HOLES