

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-105
Revised 1-1-89

WELL API NO. 30-039-24536
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No. NA

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DRY RESVR ☐ OTHER _____

7. Lease Name or Unit Agreement Name BADLAND HILLS
8. Well No. 1
NOV 17 1989

2. Name of Operator MOBIL OIL TEXAS & NEW MEXICO, INC.
3. Address of Operator P.O. BOX 5444, DENVER, CO. 80217

9. Pool name or Wildcat Badland Hills Mancos
Under 10 Acres - 5 DIST. 3

4. Well Location Unit Letter E : 1775 Feet From The NORTH Line and 990 Feet From The WEST Line Section 15 Township 23N Range 1W NMPM RIO ARRIBA County
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10. Date Spudded 9-16-89	11. Date T.D. Reached 9-28-89	12. Date Compl. (Ready to Prod.) 11-6-89	13. Elevations (DF & RKB, RT, GR, etc.) GR. 7390', KB. 7402	14. Elev. Casinghead 7390'
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15. Total Depth 7000'	16. Plug Back T.D. 6926'	17. If Multiple Compl. How Many Zones? NA	18. Intervals Drilled By Rotary Tools ROTARY	Cable Tools
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19. Producing Interval(s), of this completion - Top, Bottom, Name 6736'-6790', 6485'-6693', GALLUP	20. Was Directional Survey Made NO
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21. Type Electric and Other Logs Run DIL-SFL-SP-FDC-CNL-GR-CAL, FORM MS, DIG SON WF	22. Was Well Cored NO
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CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	455'	12-1/4"	250sx CL 'B' + ADD.	0
5-1/2"	15.5#	6968'	8-3/4"	1775sx CL 'G' + ADD.	0

24. LINER RECORD	25. TUBING RECORD
SIZE TOP BOTTOM SACKS CEMENT SCREEN	SIZE DEPTH SET PACKER SET
NA	2-7/8" 6284' 5786'

26. Perforation record (interval, size, and number) 6736'-6790', 1 SP2F, TOTAL 28 6485'-6693', 1 SP4F, TOTAL 53	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 6736'-6790' PLEASE SEE ATTACHED 6485'-6693' PLEASE SEE ATTACHED
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PRODUCTION

Date First Production 11-6-89	Production Method (Flowing, gas lift, pumping - Size and type pump) PUMPING 2-1/2 X 1-3/4 X 21 HBM	Well Status (Prod. or Shut-in) PRODUCING					
Date of Test 11-8-89	Hours Tested 24 HRS.	Choke Size -----	Prod's For Test Period	Oil - Bbl. 82	Gas - MCF 62	Water - Bbl. 142	Gas - Oil Ratio 756/1
Flow Tubing Press. 50	Casing Pressure 50	Calculated 24-Hour Rate	Oil - Bbl. 82	Gas - MCF 62	Water - Bbl. 142	Oil Gravity - API - (Corr.) 39.5 @ 60 f.	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) FLARED	Test Witnessed By MIKE DURHAM
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30. List Attachments ACID & FRAC RECORD
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31. 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 P.C. Adams For Signature B.R. Maynard Printed Name B. R. MAYNARD Title COMPLIANCE MGR. Date 11-15-89

BADLAND HILLS 15 WELL #1
ACID AND FRACTURE INFORMATION
ATTACHMENT TO WELL COMPLETION REPORT

INTERVAL 6736'-6790'

FORMATION TREATED WITH 2500 GALS 7.5% HCL AND ADDITIVES.
FRACTURED WITH 35,950 GALS VERSAGEL 1300 CONTAINING 3000#
40/70 MESH AND 55,250# 16/30 SAND.

INTERVAL 6485'-6693'

FORMATION TREATED WITH 5000 GALS 7.5% HCL AND ADDITIVES.
FRACTURED WITH 97,730 GALS X-LINKED GELL CONTAINING 175,900#
16/30 SAND.

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

T. Anhy _____
 T. Salt _____
 B. Salt _____
 T. Yates _____
 T. 7 Rivers _____
 T. Queen _____
 T. Grayburg _____
 T. San Andres _____
 T. Glorieta _____
 T. Paddock _____
 T. Blinebry _____
 T. Tubb _____
 T. Drinkard _____
 T. Abo _____
 T. Wolfcamp _____
 T. Penn _____
 T. Cisco (Bough C) _____

T. Canyon _____
 T. Strawn _____
 T. Atoka _____
 T. Miss _____
 T. Devonian _____
 T. Silurian _____
 T. Montoya _____
 T. Simpson _____
 T. McKee _____
 T. Ellenburger _____
 T. Gr. Wash _____
 T. Delaware Sand _____
 T. Bone Springs _____
 T. _____
 T. _____
 T. _____
 T. _____

Northwestern New Mexico

2635'
 T. Kirtland-Fruitland 2716'
 T. Pictured Cliffs 2910'
 T. Cliff House 4746'
 T. Menefee 4876'
 T. Point Lookout 5334'
 T. Mancos 5519'
 T. Gallup 6483'
 Base Greenhorn _____
 T. Dakota _____
 T. Morrison _____
 T. Todilto _____
 T. Entrada _____
 T. Wingate _____
 T. Chinle _____
 T. Permian _____
 T. Penn "A" _____

T. Penn. "B" _____
 T. Penn. "C" _____
 T. Penn. "D" _____
 T. Leadville _____
 T. Madison _____
 T. Elbert _____
 T. McCracken _____
 T. Ignacio Otzie _____
 T. Granite _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____

No. 1, from 6485' to 6790' OIL OR GAS SANDS OR ZONES
 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
2635'			S.S., Shale				
2716'			Shale, S.S., Siltstone				
2910'			S.S., Shale				
3024'			Shale, Siltstone, SS, LS				
3995'			Siltstone				
4048'			Shale, Siltstone, SS				
4746'			Siltstone, SS, Shale				
4876'			Shale, SS, Coal, Siltstone				
5334'			Sandstone, Shale, Siltstone				
5519'			Shale, Siltstone				
6004'			Calcareous Shale, Siltstone, SS				
6483'			SS, Shale, Siltstone, Calcareous Shale.				
6790'			Shale, Siltstone				

OIL OR GAS SANDS OR ZONES