

Submit to Appropriate
District Office
State Leases - 6 copies
Fee Leases - 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. 30-025-30974
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Langlie Mattix Water Supply Well
8. Well No. WELL NO. 1
9. Pool name or Wildcat Undesignated San Andres

WELL COMPLETION OR RECOMPLETION REPORT AND LOG					
1a. Type of Well: OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER <u>Water Supply Well</u>					
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER ☐					
2. Name of Operator Merit Energy Company					
3. Address of Operator 12221 Merit Drive, Suite 500, Dallas, TX 75251					
4. Well Location Unit Letter <u>A</u> : <u>1216</u> Feet From The <u>North</u> Line and <u>1300</u> Feet From The <u>East</u> Line Section <u>15</u> Township <u>25S</u> Range <u>37E</u> NMPM Lea County					
10. Date Spudded 10-24-90	11. Date T.D. Reached 11-6-90	12. Date Compl. (Ready to Prod.) 11-7-90	13. Elevations (DF & RKB, RT, GR, etc.) 3103.2 GR	14. Elev. Casinghead 3103	
15. Total Depth 4500	16. Plug Back T.D. 4500	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools X	Cable Tools	
19. Producing Interval(s), of this completion - Top, Bottom, Name 3800'-4500' San Andres				20. Was Directional Survey Made No	
21. Type Electric and Other Logs Run GR-Compensated Porosity Neutron & Caliper				22. Was Well Cored No	

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#	401	17 1/2	470 sx CL "C"	CTS 85 sx
8 5/8	32#	3800	11	1150 sx CL "C"	CTS 143 sx
24. LINER RECORD					
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	
25. TUBING RECORD					
SIZE	DEPTH SET	PACKER SET			
4 1/2	1538	NA			
26. Perforation record (interval, size, and number)					
Open Hole 3800'-4500'					
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.					
DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED			
3800-4500		3000 gals 28% HCL acid			

28. PRODUCTION							
Date First Production 11-16-90		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping - 125 hp sub pump				Well Status (Prod. or Shut-in) Prod	
Date of Test 2-13-91	Hours Tested 24	Choke Size NA	Prod'n For Test Period	Oil - Bbl. 0	Gas - MCF 0	Water - Bbl. 14,000	Gas - Oil Ratio NA
Flow Tubing Press. NA	Casing Pressure NA	Calculated 24-Hour Rate	Oil - Bbl. 0	Gas - MCF 0	Water - Bbl. 14,000	Oil Gravity - API - (Corr.) NA	
29. Disposition of Gas (Sold, used for fuel, vented, etc.)						Test Witnessed By Chas. Dick	

30. List Attachments

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

Signature [Signature] Printed Name Sheryl J. Carruth Title Reg. Manager Date 3-11-9

EXISTENTIALISM

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 Otzie _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____	T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____	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.....to.....
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
							RECEIVED MAR 13 1992

RECEIVED

MAR 13 1992

2CD HOBBS OFFICE