

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. 30 025 29228
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No. NMJ 538

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____		7. Lease Name or Unit Agreement Name South Leonard Unit Tr. 3	
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER _____		8. Well No. 18	
2. Name of Operator Wood, McShane & Thams		9. Pool name or Wildcat S. Leonard (Queen) Unit	
3. Address of Operator P. O. Box 968, Monahans, TX 79756			
4. Well Location Unit Letter <u>E</u> : <u>2580</u> Feet From The <u>North</u> Line and <u>1214</u> Feet From The <u>West</u> Line Section <u>24</u> Township <u>26 S</u> Range <u>37E</u> NMPM Lea County			
10. Date Spudded 5/18/90	11. Date T.D. Reached 5/23/90	12. Date Compl. (Ready to Prod.) 6/9/90	13. Elevations (DF & RKB, RT, GR, etc.) KB
14. Elev. Casinghead 2984			
15. Total Depth 3629	16. Plug Back T.D. 3590	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools All
19. Producing Interval(s), of this completion - Top, Bottom, Name Queen Sand <u>3434-3460</u>			20. Was Directional Survey Made No
21. Type Electric and Other Logs Run Compensated Neutron Litho-Density			22. Was Well Cored No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#/Ft.	1238'	12 1/4"	725 sx. prem. plus	
5 1/2"	15.5#/Ft.	3618'	7 7/8"	400 sx. Light. 250 sx. prem. plus	

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SIZE	DEPTH SET	PACKER SET
				2 3/8"	3493	

26. Perforation record (interval, size, and number) 3434'-3460' 14 holes .37 inch hole	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL 3434-3460' AMOUNT AND KIND MATERIAL USED A/1500 gal. 15% NeFe HCL Frac: 18000 gal gel & 9,000# 12/20 Sand & 9,000# 20/40 Sand
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PRODUCTION

28. Date First Production 6/12/90		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping - 2 x 1 1/2" x 12' insert pump				Well Status (Prod. or Shut-in) Prod.	
Date of Test 6/12/90	Hours Tested 24	Choke Size 48/64"	Prod'n For Test Period	Oil - Bbl. 18	Gas - MCF 10	Water - Bbl. 90	Gas - Oil Ratio 445:1
Flow Tubing Press. 40	Casing Pressure 40	Calculated 24-Hour Rate	Oil - Bbl. Same	Gas - MCF Same	Water - Bbl. Same	Oil Gravity - API - (Corr.)	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold - El Paso Natural Gas Co.	Test Witnessed By J. Dollahan
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30. List Attachments No drill stem tests.
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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

Signature R. Cory Richards Printed Name R. Cory Richards Title Pet. Geologist Date 7/5/90

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 1005'
T. Salt 1260'
B. Salt 2485'
T. Yates 2630'
T. 7 Rivers 2895'
T. Queen 3390'
T. Grayburg
T. San Andres
T. Glorieta
T. Paddock
T. Blinbry
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

T. Ojo Alamo
T. Kirtland-Fruitland
T. Pictured Cliffs
T. Cliff House
T. Menefee
T. Point Lookout
T. Mancos
T. Gallup
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 Otzte
T. Granite
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OIL OR GAS SANDS OR ZONES

No. 1, from 3390 to 3410
No. 2, from 3430 to 3468
No. 3, from 3520 to 3560
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 200 to 265 feet 65
No. 2, from 1 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
0'	275'	275'	Sand & Red Beds				
275'	540'	265'	Anhy & Red Beds				
540'	1005'	465'	Anhy				
1005'	1140'	135'	Red Beds				
1140'	1240'	100'	Sand, Red bed & Anhy				
1240'	1315'	75'	Red beds				
1315'	2490'	1175'	Salt & Anhy				
2490'	2605'	115'	Salt, Anhy & Lime				
2605'	2895'	290'	Lime, Sand, Anhy				
2895'	2920'	25'	Sand				
2920'	3400'	480'	Lime				
3400'	TD	218'	Lime, Sand				

RECEIVED

JUL 9 1990

OC
HOBBS OFFICE