

OIL CONSERVATION DIVISION

P. O. BOX 2058
SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease	
State ☐	Fee ☒
5. State Oil & Gas Lease No.	
NMJ - 538	

1a. TYPE OF WELL	
OIL WELL ☒	GAS WELL ☐ DRY ☐ OTHER ☐
b. TYPE OF COMPLETION	
NEW WELL ☒	WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

7. Unit Agreement Name
South Leonard Unit
8. Farm or Lease Name
South Leonard Unit

2. Name of Operator
Wood, McShane & Thams
3. Address of Operator
P. O. Box 968, Monahans, Texas 79756
4. Location of Well

9. Well No.
17
10. Field and Pool, or Wildcat
Leonard Queen, South

UNIT LETTER	F	LOCATED	2600	FEET FROM THE	West	LINE AND	2580	FEET FROM
THE North LINE OF SEC. 24 TWP. 26-S RGE. 37-E NMPM								12. County
								Lea

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, KT, GR, etc.)	19. Elev. Casinghead
12-4-84	12-10-84	12-21-84	2989 (GL)	2990' (GL)
20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	23. Rotary Tools
3498' (GL)	3493' (GL)	N.A.		A11
24. Producing Interval(s), of this completion - Top, Bottom, Name				25. Was Directional Survey Made
3378' - 3456' (13 - 15/32" Holes)				Yes

26. Type Electric and Other Logs Run	27. Was Well Cored
Gamma Ray - Compensated Neutron	No

28. 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	1242' (GL)	12 1/4"	750 Sx. Circ. 125 Sx.	None
5 1/2"	15.5	3487' (GL)	7 7/8"	600 Sx. Circ. 54 Sx.	None

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
None							

31. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.				
3378' - 3456' (13 - 15/32" Holes)	<table border="1"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>3378' - 3456'</td> <td>Acidized w/1000 gals 15% HCl Fraced down 5 1/2" Csg. w/32,000 gals gelled 2% K Cl water.</td> </tr> </table>	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	3378' - 3456'	Acidized w/1000 gals 15% HCl Fraced down 5 1/2" Csg. w/32,000 gals gelled 2% K Cl water.
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33. PRODUCTION							
Date First Production		Production Method (blowing gas lift , pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
12-28-84		2" X 1 1/2" X 16'				Producing	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
1-4-85	24	None		66	38	126	576
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
40	40		66	38	126	40.6	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By
Sold	

35. List of Attachments
Form C-104, C-105, Deviation Survey, 2 Copies GR-Compensated Neutron Survey

36. 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.

SIGNED	TITLE	DATE
<i>R.D. Dwyer</i>	Petroleum Engineer	1-11-85

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 radioactivity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depth, in the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 39 through 44 shall be reported for each zone. The form is to be filed in quadruplicate 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 _____ 2633'	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 2925'	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3368'	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qizte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Padgock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Idinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	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 Queen 3378' to 3456' No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, 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
 No. 4, from _____ to _____ feet

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	612	612	Surface rock & sand				
612	1253	641	Anhydrite & Red Bed				
1253	1498	245	Salt & Anhydrite				
1498	2095	597	Anhydrite & Salt Streaks				
2095	2948	853	Anhydrite & Salt				
2948	3370	422	Lime				
3370	3498	128	Anhydrite, Shale & Sand				

RECEIVED

JAN 14 1985

OCB
HOBBS OFFICE