

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. 30-025-38324 5. Indicate Type of Lease STATE FEE ☒ State Oil & Gas Lease No.
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WELL COMPLETION OR RECOMPLETION REPORT AND LOG					
1a Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____ b. Type of Completion: NEW ☒ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF. WELL OVER BACK RESVR. ☐ OTHER			7. Lease Name or Unit Agreement Name Langlie Mattix Penrose Sand Unit		
2 Name of Operator LEGACY RESERVES OPERATING LP			8. Well No. 154		
3 Address of Operator P. O. BOX 10848 MIDLAND, TEXAS 79702			9. Pool name or Wildcat Langlie Mattix, 7 Rvrs-Queen-Grayburg		
4. Well Location Unit Letter <u> P </u> : <u> 1150 </u> Feet From The <u> </u> South <u> </u> Line and <u> 1000 </u> Feet From The <u> </u> East <u> </u> Line Section <u> 22 </u> Township <u> 22S </u> Range <u> 37E </u> NMPM Lea County					
10. Date Spudded 4/24/07	11. Date T.D. Reached 4/30/07	12 Date Compl. (Ready to Prod.) 5/24/07	13. Elevations (DF& RKB, RT, GR, etc.) 3337 GR	14. Elev. Casinghead 3337	
15. Total Depth 3840'	16. Plug Back T.D. 3783'	17. If Multiple Compl. How Many Zones? NA	18. Intervals Drilled By	Rotary Tools 0-3840'	Cable Tools
19 Producing Interval(s), of this completion - Top, Bottom, Name 3464' - 3631 Penrose					20. Was Directional Survey Made YES
21. Type Electric and Other Logs Run GR/CCL/CNL and GR/CBL			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
8-5/8"	24#/ft	1230'	11"	525 sx Class C, circ	
5-1/2"	15.5#/ft	3835'	7-7/8"	975 sx Class C, cir	

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	3416 Per KW	

26. Perforation record (interval, size, and number) 3464' - 3631', 2 SPF, 38 holes		27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 3464' - 3631 Acid - 2000 gal 15% HCL Frac - 40,000 gal 30#XL + 84,097# 16/30 sand	
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28. PRODUCTION							
Date First Production 5/24/07		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping - 2" x 1-1/2" x 16'-4'			Well Status (Prod. or Shut-in) Prod		
Date of Test 6/30/07	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 11	Gas - MCF 11	Water - Bbl. 235	Gas - Oil Ratio 1000:1
Flow Tubing Press	Casing Pressure 45	Calculated 24- Hour Rate	Oil - Bbl. 11	Gas - MCF 11	Water - Bbl. 235	Oil Gravity - API - (Corr) 38.9	
29 Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD						Test Witnessed By Steve Dittman	
30. List Attachments Log- GR/CCL/CNL, Deviation Survey							
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 <u>X Kent Williams</u> E-mail Address _____	Printed Name Kent Williams	Title Petroleum Engineer	Date <u>7/11/07</u>
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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	1162 *	T. Canyon	T. Ojo Alamo
T. Salt	1252 *	T. Strawn	T. Kirtland-Fruitland
B. Salt	2410	T. Atoka	T. Pictured Cliffs
T. Yates	2576	T. Miss	T. Cliff House
T. 7 Rivers	2770	T. Devonian	T. Menefee
T. Queen	3336	T. Silurian	T. Point Lookout
T. Grayburg		T. Montoya	T. Mancos
T. San Andres		T. Simpson	T. Gallup
T. Glorieta		T. McKee	Base Greenhorn
T. Paddock		T. Ellenburger	T. Dakota
T. Blinebry		T. Gr. Wash	T. Morrison
T. Tubb		T. Delaware Sand	T. Todilto
T. Drinkard		T. Bone Springs	T. Entrada
T. Abo		T.	T. Wingate
T. Wolfcamp		T.	T. Chinle
T. Penn		T.	T. Permian
T. Cisco (Bough C)		T.	T. Penn "A"

* Estimated As Above Logging Depths

**OIL OR GAS
SANDS OR ZONES**

No. 1, from 3464' to 3631' No. 3, from to
 No. 2, 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
0	1162	1162	Caliche, Sand & Red beds				
1162	1252	90	Anhydrite				
1252	2410	1158	Salt & Anhydrite				
2410	3336	926	Anhydrite & Lime				
3336	3840	504	Dolomite & Sand Stringers				