

Submit To Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 1301 W. Grand Avenue, Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 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. 30-025-3827 45 5. Indicate Type of Lease STATE FEE X ☒ State Oil & Gas Lease No.
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WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL X GAS WELL ☐ DRY ☐ OTHER _____ b. Type of Completion: NEW X 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. 602
3. Address of Operator P. O. BOX 10848 MIDLAND, TEXAS 79702		9. Pool name or Wildcat Langlie Mattix; 7Rvrs-Queen-Grayburg
4. Well Location Unit Letter <u> G </u> : <u> 2300 </u> Feet From The <u> </u> North <u> </u> Line and <u> 2375 </u> Feet From The <u> </u> East <u> </u> Line Section <u> 27 </u> Township <u> 22S </u> Range <u> 37E </u> NMPM Lea County		
10. Date Spudded 4/4/07	11. Date T.D. Reached 4/10/07	12. Date Compl. (Ready to Prod.) 4/25/07
13. Elevations (DF& RKB, RT, GR, etc.) 3329 GR		14. Elev. Casinghead 3329
15. Total Depth 3825'	16. Plug Back T.D. 3776'	17. If Multiple Compl. How Many Zones? NA
18. Intervals Drilled By Rotary Tools 0-3825' Cable Tools		19. Producing Interval(s), of this completion - Top, Bottom, Name 3521' - 3675' 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		

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	1218'	11"	500 sx Class C, circ	
5-1/2"	15.5#/ft	3817'	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"	3497'	

26. Perforation record (interval, size, and number) 3521' - 3675, 2 SPF, 40 holes	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>DEPTH INTERVAL</th><th>AMOUNT AND KIND MATERIAL USED</th></tr> <tr> <td>3521' 3675'</td><td>Acid - 2000 gal 15% HCL</td></tr> <tr> <td> </td><td>Frac - 40,000 gal 30#XL + 79,705# 16/30 sand</td></tr> <tr><td> </td><td> </td></tr> </table>	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	3521' 3675'	Acid - 2000 gal 15% HCL		Frac - 40,000 gal 30#XL + 79,705# 16/30 sand		
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	Frac - 40,000 gal 30#XL + 79,705# 16/30 sand								

PRODUCTION

Date First Production 4/26/07		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 5/12/07	Hours Tested 24	Choke Size	Prod'n For Test Period 43	Oil - Bbl 43	Gas - MCF 45	Water - Bbl. 97	Gas - Oil Ratio 1046:1
Flow Tubing Press.	Casing Pressure 45	Calculated 24-Hour Rate	Oil - Bbl. 43	Gas - MCF 45	Water - Bbl. 97	Oil Gravity - API - (Corr.) 38.9	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD	Test Witnessed By Steve Dittman
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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 E-mail Address	Printed Name Kent Williams	Title Petroleum Engineer	Date 6/4/07
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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. Ojo Alamo	T. Penn. "B"
T. Salt	1252*	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	2466	T. Pictured Cliffs	T. Penn. "D"
T. Yates	2634	T. Cliff House	T. Leadville
T. 7 Rivers	2832	T. Menefee	T. Madison
T. Queen	3400	T. Point Lookout	T. Elbert
T. Grayburg		T. Mancos	T. McCracken
T. San Andres		T. Gallup	T. Ignacio Otzte
T. Glorieta		Base Greenhorn	T. Granite
T. Paddock		T. Dakota	T.
T. Blinbry		T. Morrison	T.
T. Tubb		T. Todilto	T.
T. Drinkard		T. Entrada	T.
T. Abo		T. Wingate	T.
T. Wolfcamp		T. Chinle	T.
T. Penn		T. Permian	T.
T. Cisco (Bough C)		T. Penn "A"	T.

* Estimated Tops as Above Logging Depths

OIL OR GAS SANDS OR ZONES

No. 1, from.....3521'.....to.....3675'.....
 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.....None.....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
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0 1162 1162 Caliche, Sand & Red beds
 1162 1252 90 Anhydrite
 1252 2466 1214 Salt & Anhydrite
 2466 3400 934 Anhydrite & Lime
 3400 3825 425 Dolomite & Sand Stringers