

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. 30-025-31437
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name Arrowhead Grayburg Unit
8. Well No. 220
9. Pool name or Wildcat Arrowhead Grayburg

Unit Letter <u>A</u> : <u>630</u> Feet From The <u>North</u> Line and <u>660</u> Feet From The <u>East</u> Line
Section <u>13</u> Township <u>22S</u> Range <u>36E</u> NMPM Lea County

10. Date Spudded 8/25/92	11. Date T.D. Reached 8/31/92	12. Date Compl. (Ready to Prod.) 9/22/92	13. Elevations (DF& RKB, RT, GR, etc.) 3449' GE	14. Elev. Casinghead --
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15. Total Depth 3870'	16. Plug Back T.D. 3866'	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools ☒ Cable Tools
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19. Producing Interval(s), of this completion - Top, Bottom, Name 3662'-3863' Grayburg	20. Was Directional Survey Made No
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21. Type Electric and Other Logs Run SDL-CNL-CBL-CET	22. Was Well Cored No
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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"	23#	1160'	12-1/4"	750 sx	230-surf
5-1/2"	15.5#	3870'	7-7/8"	800 sx	106-surf

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2-3/8"	3633'
						3639'

26. Perforation record (interval, size, and number) 3662'-3863' 4" 2 JHPF (130 holes)	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL 3662'-3863' AMOUNT AND KIND MATERIAL USED 16 bbls 15% NEEF HCL
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28. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. or Shut-in)					
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By
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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 J. K. Ripley Printed Name J. K. Ripley Title T.A. Date 11/9/92

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	1137'	T. Canyon	
T. Salt	1230'	T. Strawn	
B. Salt	2461'	T. Atoka	
T. Yates	2674'	T. Miss	
T. 7 Rivers	2866'	T. Devonian	
T. Queen	3337'	T. Silurian	
T. Grayburg	3656'	T. Montoya	
T. San Andres		T. Simpson	
T. Glorieta		T. McKee	
T. Paddock		T. Ellenburger	
T. Blinberry		T. Gr. Wash	
T. Tubb		T. Delaware Sand	
T. Drinkard		T. Bone Springs	
T. Abo		T.	
T. Wolfcamp		T.	
T. Penn		T.	
T. Cisco (Bough C)		T.	

Northwestern New Mexico

T. Ojo Alamo		T. Perm. "B"	
T. Kirtland-Fruitland		T. Perm. "C"	
T. Pictured Cliffs		T. Perm. "D"	
T. Cliff House		T. Leadville	
T. Menefee		T. Madison	
T. Point Lookout		T. Elbert	
T. Mancos		T. McCracken	
T. Gallup		T. Ignacio Otzte	
Base Greenhorn		T. Granite	
T. Dakota		T.	
T. Morrison		T.	
T. Todilto		T.	
T. Entrada		T.	
T. Wingate		T.	
T. Chinle		T.	
T. Permain		T.	
T. Perm "A"		T.	

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....	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
Surf	1137	1137	Surface alluvium				
1137	1230	93	Anhydrite				
1230	2461	1231	Salt & interbedded Thin Siliciclastics				
2461	3468	1007	Interbedded Thin Silici- clastics & Carbonates				
3468	3656	188	Siliciclastics interbedded w/Thin Carbonates				
3656	3870	214	Dolomite interbedded w/ Thin Siliciclastics				

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