

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. 30-025-31246
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. 228
9. Pool name or Wildcat Arrowhead Grayburg

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____	7. Lease Name or Unit Agreement Name Arrowhead Grayburg Unit			
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER _____				
2. Name of Operator Chevron U.S.A., Inc.	8. Well No. 228			
3. Address of Operator P.O. Box 1150 Midland, TX 79702	9. Pool name or Wildcat Arrowhead Grayburg			
4. Well Location Unit Letter <u>F</u> : <u>2266</u> Feet From The <u>North</u> Line and <u>1793</u> Feet From The <u>West</u> Line Section <u>18</u> Township <u>22S</u> Range <u>37E</u> NMPM Lea County				
10. Date Spudded 1/24/92	11. Date T.D. Reached 1/30/92	12. Date Compl. (Ready to Prod.) 2/17/92	13. Elevations (IDF& RKB, RT, GR, etc.) 3426' GE	14. Elev. Casinghead ---
15. Total Depth 3795'	16. Plug Back T.D. 3780'	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools ☒ Cable Tools ☐	
19. Producing Interval(s), of this completion - Top, Bottom, Name 3596'-3763				20. Was Directional Survey Made Yes
21. Type Electric and Other Logs Run DLL-MLL-GR-CAL				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"	23#	1160'	12-1/4"	720 sx	108 sx to surf
5-1/2"	15.5#	3795'	7-7/8"	625 sx	75 sx to surf

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	3773'	--

26. Perforation record (interval, size, and number) 3596'-3624' 2 JHPF 180 deg (16 holes) 3700'-3763' 2 JHPF 180 deg (36 holes)				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL 3596'-3763' AMOUNT AND KIND MATERIAL USED 2500 Gals 15% NEFE		

28. PRODUCTION							
Date First Production 3/24/92		Production Method (Flowing, gas lift, pumping - Size and type pump) pumping				Well Status (Prod. or Shut-in) prod	
Date of Test 4/6/92	Hours Tested 24	Choke Size W.O.	Prod'n For Test Period	Oil - Bbl. 30	Gas - MCF 80	Water - Bbl. 450	Gas - Oil Ratio 2667
Flow Tubing Press. 35#	Casing Pressure 35#	Calculated 24-Hour Rate	Oil - Bbl. 30	Gas - MCF 80	Water - Bbl. 450	Oil Gravity - API - (Corr.) 34.2	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold	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 Technical Assistant Date 4/16/92

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 1099 _____
 T. Salt 1222 _____
 B. Salt 2414 _____
 T. Yates 2629 _____
 T. 7 Rivers 2823 _____
 T. Queen 3291 _____
 T. Grayburg 3604 _____
 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. _____

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 _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....
 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.....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	1099	1099	Surface sands	3604	3795	191	Dolomites interbedded w/thin
1099	1222	123	Anhydrite				calcareous sandstones
1222	2414	1192	Salt interbedded w/occasional sands				
2414	3395	981	Interbedded thin evaporites, sands, shales				
3395	3604	209	Calcareous sandstones inter- bedded w/thin dolomites				

RECEIVED

APR 21 1992

OCD HOBBS OFFICE