

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. 30-025-31304
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.

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.	
3. Address of Operator P.O. Box 1150 Midland, TX 79702	
8. Well No. 174	
9. Pool name or Wildcat Arrowhead Grayburg	

4. Well Location Unit Letter <u>N</u> : <u>660</u> Feet From The <u>South</u> Line and <u>1905</u> Feet From The <u>West</u> Line	
Section <u>2</u>	Township <u>22S</u> Range <u>36E</u> NMPM <u>Lea</u> County

10. Date Spudded 8/14/91	11. Date T.D. Reached 9/2/91	12. Date Compl. (Ready to Prod.) 10/4/91	13. Elevations (DF & RKB, RT, GR, etc.) 3541' GE	14. Elev. Casinghead ---
15. Total Depth 4090'	16. Plug Back T.D. 4022'	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 3835'-4055' Grayburg				20. Was Directional Survey Made Yes
21. Type Electric and Other Logs Run LITHO-DENSITY-NEUTRON-GR-CALIPER-MICRO-LATERAL				22. Was Well Cored Yes

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#	1417'	12-1/4"	900 sx	76 sx
5-1/2"	15.5#	4090'	7-7/8"	750 sx	10 sx

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	3858'	

26. Perforation record (interval, size, and number) 3988'-4055' 2 JHPF (35 holes)	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	3988-4055'	1200 gals 15% NEFE

28. PRODUCTION							
Date First Production 10/8/91		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping				Well Status (Prod. or Shut-in) Prod	
Date of Test 11/16/91	Hours Tested 24	Choke Size W.O.	Prod'n For Test Period	Oil - Bbl. 23	Gas - MCF 76	Water - Bbl. 46	Gas - Oil Ratio 3304
Flow Tubing Press. 35#	Casing Pressure 35#	Calculated 24-Hour Rate	Oil - Bbl. 23	Gas - MCF 76	Water - Bbl. 46	Oil Gravity - API - (Corr.) 34.6	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented						Test Witnessed By	
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30. List Attachments							
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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 <u>J. K. Ripley</u>		Printed Name <u>J. K. Ripley</u>		Title <u>Technical Assistant</u>		Date <u>1/23/92</u>	

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 1453	T. Canyon
T. Salt 1547	T. Strawn
B. Salt 2695	T. Atoka
T. Yates 2895	T. Miss
T. 7 Rivers 3132	T. Devonian
T. Queen 3522	T. Silurian
T. Grayburg 3835	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. Penn. "B"
T. Kirtland-Fruitland	T. Penn. "C"
T. Pictured Cliffs	T. Penn. "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. Permian	T.
T. Penn "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	1453	1453	Sands, Shales, Red Beds				
1453	1547	94	Anhydrite				
1547	2695	1148	Salt				
2695	3522	827	Sands/Anhydrite				
3522	3835	313	Sands/Dolomite				
3835	4055	220	Dolomites				