

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-105
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

2040 Pacheco St.
Santa Fe, NM 87505

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.

30-025-34297

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 _____
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER _____

7. Lease Name or Unit Agreement Name

ARROWHEAD GRAYBURG UNIT

2. Name of Operator
Chevron U.S.A. Inc.

8. Well No.
336

3. Address of Operator
P.O. Box 1150, Midland, TX 79702

9. Pool name or Wildcat
ARROWHEAD: GRAYBURG

4. Well Location
Unit Letter A : 50 Feet From The NORTH Line and 55 Feet From The EAST Line

Section 2 Township 22S Range 36E NMPM LEA County
10. Date Spudded 3/10/98 11. Date T.D. Reached 4/12/98 12. Date Compl.(Ready to Prod.) 5/9/98 13. Elevations(DF & RKB, RT, GR, etc.) 3548' 14. Elev. Casinghead

15. Total Depth 3879' 16. Plug Back T.D. 3879' 17. If Multiple Compl. How Many Zones? _____ 18. Intervals Drilled By _____ Rotary Tools X Cable Tools _____

19. Producing Interval(s), of this completion - Top, Bottom, Name 3716' - 3876' OH 20. Was Directional Survey Made NO

21. Type Electric and Other Logs Run _____ 22. Was Well Cored YES

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36	524'	12-1/4"	300 SX - SURF	
7"	29	3724'	8-3/4"	650 SX - SURF	

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2-7/8"	3391'

26. Perforation record (interval, size, and number)
NONE

27. ACID, SHOT, FRACTURE, CEMENT, SOEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3716' - 3876'	7000 GALS 15% HCL, 3500 GALS VES

28. **PRODUCTION**

Date First Production 5/9/98	Production Method (Flowing, gas lift, pumping - Size and type pump) PUMPING	Well Status (Prod. or Shut-in) PROD					
Date of Test 9/13/98	Hours Tested 24	Choke Size W.O.	Prod'n For Test Period	Oil - Bbl. 152	Gas - MCF 86	Water - Bbl. 1331	Gas - Oil Ratio 566
Flow Tubing Press. 40	Casing Pressure 31	Calculated 24-Hour Rate	Oil - Bbl. 152	Gas - MCF 86	Water - Bbl. 1331	Oil Gravity - API -(Corr.) 34.2	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)
SOLD Test Witnessed By _____

30. List Attachments

DEVIATION SURVEY

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 TECH ASSISTANT Date 9/21/98

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 _____ 1254
 T. Salt _____ 1345
 B. Salt _____ 2545
 T. Yates _____ 2725
 T. 7 Rivers _____ 2896
 T. Queen _____ 3346
 T. Grayburg _____ 3676
 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. _____
 T. _____

Northeastern 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 Otzite _____
 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	1254	1254	SURFACE ALLUVIUM				
1254	1345	91	ANHYDRITE				
1345	2545	1200	INTERBEDDED SALT, THIN CLASTICS				
2545	2725	180	INTERBEDDED THIN CLASTICS, EVAPORITES, CARBONATES				
2725	3676	951	CLASTICS INTERBEDDED W/THIN CARBONATES				
3676	3879	203	DOLOMITE INTERBEDDED W/THIN CLASTICS				