

Submit to Appropriate
District Office
State Leases - 6 copies
Fee Leases - 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
Geology, Minerals and Natural Resources Department

Form C-105
Revised 1-1-89

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO.

30-025-31633

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.

144

9. Pool name or Wildcat

Arrowhead Grayburg

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 ☐

2. Name of Operator

Chevron U.S.A., Inc.

3. Address of Operator

P. O. Box 1150, Midland, TX 79702

4. Well Location

Unit Letter P: 418 Feet From The South Line and 990 Feet From The East Line

Section 36

Township 21S

Range 36E

NMPM

Lea

County

10. Date Spudded

8/5/92

11. Date T.D. Reached

8/11/92

12. Date Compl. (Ready to Prod.)

9/17/92

13. Elevations (DF& RKB, RT, GR, etc.)

3484' GE

14. Elev. Casinghead

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15. Total Depth

3875'

16. Plug Back T.D.

3875'

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

3654'-3868' Grayburg

20. Was Directional Survey Made

Yes

21. Type Electric and Other Logs Run

MSFL-GR-CAL-DLL-SDL-CNL

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#	1170'	12-1/4"	900 sx	170 sx-surf
5-1/2"	15.5#	3875'	7-7/8"	900 sx	95 sx-surf

24.

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25.

TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8"	3858'	

26. Perforation record (interval, size, and number)

3654'-3868' 4" 2 JHPF (246 Holes)

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3654'-3868'	38 bbls 15% NEEF HCL. 6300 gals 28% HCL & 80 tons CO2 & 100 RNCB's

28.

PRODUCTION

Date First Production 9/17/92		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping					Well Status (Prod. or Shut-in) Prod	
Date of Test 9/17/92	Hours Tested 24	Choke Size W.O.	Prod'n For Test Period	Oil - Bbl. 20	Gas - MCF 141	Water - Bbl. 81	Gas - Oil Ratio 7050	
Flow Tubing Press. 35#	Casing Pressure 35#	Calculated 24- Hour Rate	Oil - Bbl. 20	Gas - MCF 141	Water - Bbl. 81	Oil Gravity - API - (Corr.) 34.2		

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

Test Witnessed By

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 Tech Assistant

Date 10/13/92

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 _____ 1128'
 T. Salt _____ 1242'
 B. Salt _____ 2500'
 T. Yates _____ 2706'
 T. 7 Rivers _____ 2900'
 T. Queen _____ 3375'
 T. Grayburg _____ 3663'
 T. San Andres _____
 T. Glorieta _____
 T. Paddock _____
 T. Blinberry _____
 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 Otzie _____
 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	1128	1128	Surf Alluvium				
1128	1242	114	Anhydrite				
1242	2500	1258	Salt w/Thin Clastics				
2500	3375	875	Interbedded Thin Clastics and Thin Carbonates				
3375	3663	288	Clastics interbedded w/ Thin Carbonates				
3663	3871	208	Carbonates (Dolomite) interbedded w/Thin Clastics				

RECEIVED
 OCT 18 1944
 OGD FIELD OFFICE