

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.

30-025-31723

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.

188

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 D : 730 Feet From The North Line and 520 Feet From The West Line

Section 12

Township 22S

Range 36E

NMPM

Lea

County

10. Date Spudded

10/6/92

11. Date T.D. Reached

10/12/92

12. Date Compl. (Ready to Prod.)

11/12/92

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

3495' GE

14. Elev. Casinghead

15. Total Depth

3940'

16. Plug Back T.D.

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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

3668'-3934' Grayburg

20. Was Directional Survey Made

Yes

21. Type Electric and Other Logs Run

MSFL-GR-CAL-SDL-GR-CCL-CBL-CET

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#	1290'	12-1/4"	800 sx	130 sx-surf
5-1/2"	15.5#	3940'	7-7/8"	750 sx	148 sx-surf

24.

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	25. TUBING RECORD
					SIZE DEPTH SET PACKER SET
					2-7/8" 3959' --

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

3668'-3934' 4" 2 JHPF (216 holes)

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

DEPTH INTERVAL

AMOUNT AND KIND MATERIAL USED

3668'-3934'

32 bbls 15% NEFE HCL

28.

PRODUCTION

Date First Production

11/13/92

Production Method (Flowing, gas lift, pumping - Size and type pump)

Pumping

Well Status (Prod. or Shut-in)

Prod

Date of Test

11/14/92

Hours Tested

24

Choke Size

W.O.

Prod'n For Test Period

Oil - Bbl.

11

Gas - MCF

35

Water - Bbl.

89

Gas - Oil Ratio

3181

Flow Tubing Press.

40#

Casing Pressure

40#

Calculated 24-Hour Rate

Oil - Bbl.

11

Gas - MCF

35

Water - Bbl.

89

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

T.A.

Date 11/18/92

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 1278'
T. Salt 1374'
B. Salt 2552'
T. Yates 2764'
T. 7 Rivers 2962'
T. Queen 3420'
T. Grayburg 3723'
T. San Andres
T. Glorieta
T. Paddock
T. Blinberry
T. Tubb
T. Drinkard
T. Abo
T. Wolfcamp
T. Perm
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.

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. Perm "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.
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	1278	1278	Surface Alluvium				
1278	1374	96	Anhydrite				
1374	2552	1178	Interbedded Salt & Thin Clastics				
2552	3536	984	Interbedded Thin Clastics & Carbonates				
3536	3723	187	Clastics interbedded w/ Thin Carbonates				
3723	3940	217	Dolomite interbedded w/ Thin Clastics				

RECEIVED

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