

Submit to Appropriate District Office  
State Lease - 6 copies  
Fee Lease - 5 copies  
District I  
1625 N. French, Hobbs, NM 88240  
District II  
811 South First, Artesia, NM 87210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Encl. / Minerals and Natural Resources

Form C-105  
Revised March 25, 1999

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

WELL API NO.

30-025-35419

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 \_\_\_\_\_

2. Name of Operator

Chevron U.S.A. Inc.

3. Address of Operator

P.O. Box 1150 Midland, TX 79702

7. Lease Name or Unit Agreement Name

ARROWHEAD GRAYBURG UNIT

8. Well No.

324

9. Pool name or Wildcat

ARROWHEAD; GRAYBURG

4. Well Location

Unit Letter **I** : **2590** Feet From The **SOUTH** Line and **60** Feet From The **EAST** Line

Section **35** Township **21S** Range **36E** NMPM **1EA** County \_\_\_\_\_

10. Date Spudded

4/3/01

11. Date T.D. Reached

4/9/01

12. Date Compl. (Ready to Prod.)

5/24/01

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

3548'

14. Elev. Casinghead

15. Total Depth

3888'

16. Plug Back T.D.

3866'

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

3780'-3836'

20. Was Directional Survey Made

NO

21. Type Electric and Other Logs Run

PE/BALS/GR/CNL/TDD/DLL/MCFL/BHC

22. Was Well Cored

NO

23. 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	505'	12-1/4"	350 SX - SURF	
7"	20	3887'	8-3/4"	800 SX - SURF	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	3807'	

25. TUBING RECORD

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

3721'-3738' (3 JHPF) (SQZD)

3780'-3836' (3 JHPF)

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

DEPTH INTERVAL

AMOUNT AND KIND MATERIAL USED

3721'-3836'

4640 GALS 15% 225 RCNB'S

28. PRODUCTION

Date First Production 5/24/01		Production Method (Flowing, gas lift, pumping - Size and type pump) PUMPING				Well Status (Prod. or Shut-in) PROD	
Date of Test 5/31/01	Hours Tested 24	Choke Size W.O.	Prod'n For Test Period	Oil - Bbl. 16	Gas - MCF 7	Water - Bbl. 623	Gas - Oil Ratio 438
Flow Tubing Press. 50	Casing Pressure 0	Calculated 24-Hour Rate	Oil - Bbl. 16	Gas - MCF 7	Water - Bbl. 623	Oil Gravity - API -(Corr.)	

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 REGULATORY O.A. Date 6/25/01

## 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

## Northeastern New Mexico

T. Anhy _____	<b>1261</b>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	<b>1351</b>	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	<b>2534</b>	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	<b>2742</b>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	<b>2932</b>	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	<b>3375</b>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	<b>3669</b>	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____		T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____		T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____		T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____		T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____		T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____		T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____		T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____		T. _____	T. Chinle _____	T. _____
T. Penn _____		T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____		T. _____	T. Penn "A" _____	T. _____

### OIL OR GAS SANDS OR ZONES

No. 1, from 3669 to 3888  
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
3375	3669	294	SANDY DOLO, DOLO, SANDSTONE
3669	3888	219	DOLOMITE, DOLOMITIC SANDSTONE