

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

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WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease
State ☒ Fee ☐

5. State Oil & Gas Lease No.
B-1732

1a. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVN. ☐ OTHER ☐

7. Unit Agreement Name

8. Farm or Lease Name
Harry Leonard NCT-C

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

3. Address of Operator
P.O. Box 670, Hobbs, NM 88240

4. Location of Well

9. Well No.
20

10. Field and Pool, or Wildcat
Arrowhead Grayburg

UNIT LETTER **D** LOCATED **660** FEET FROM THE **North** LINE AND **990** FEET FROM

THE **West** LINE OF SEC. **36** TWP. **21S** RGE. **36E** NMPM

12. County
Lea

15. Date Spudded 2-11-85	16. Date T.D. Reached 2-26-85	17. Date Compl. (Ready to Prod.) 12-11-85	18. Elevations (DF, RKB, RT, GR, etc.) 3519 CL	19. Elev. Casinghead
20. Total Depth 6930	21. Plug Back T.D. 4091	22. If Multiple Compl., How Many	23. Intervals Drilled By 0-6930	Rotary Tools Cable Tools

24. Producing Interval(s), of this completion — Top, Bottom, Name
3746 - 3866 Grayburg

25. Was Directional Survey Made
NO

26. Type Electric and Other Logs Run
DLL, Density - Neutron

27. Was Well Cored
NO

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
11 3/4"	42	420'	14 3/4"	275	
8 5/8"	24 + 32	2829'	11"	750	
5 1/2"	15.5	6929'	7 7/8"	1140	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8	3935	

31. Perforation Record (Interval, size and number)

5790-5657 12 holes
6726-6775 18 holes
6634-6670 30 holes
3610-3642 18 holes
3746-3866 40 holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5794-5657	5500 Gal 15% NEFE HCL
5794-5657	92500 Gal X-L Gel 213000# 20/40 Sand
5794-5657	150 Sacks CL H
6726-6775	3300 Gal 20% NEFE HCL

33. PRODUCTION

Date First Production 12-11-85	Production Method (Flowing, gas lift, pumping — Size and type pump) Pump	Well Status (Prod. or Shut-in) Prod.
Date of Test 1-16-85	Hours Tested 24	Choke Size W.O.
Flow Tubing Press. 30	Casing Pressure 30	Calculated 24-Hour Rate 12
		Oil — Bbl. 12
		Gas — MCF 12
		Water — Bbl. 421
		Gas — Oil Ratio
		Oil Gravity — API (Corr.)

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

Test Witnessed By

35. List of Attachments
From SE Cont.

36. 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.

SIGNED **MW Casey** TITLE **Division Production Engr** DATE **1-30-86**

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 30 through 34 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

Northwestern New Mexico

T. Anhy <u>1242</u>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt <u>1333</u>	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Salt <u>2530</u>	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates <u>2677</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers <u>2936</u>	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>3372</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg <u>3658</u>	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>3925</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta <u>5200</u>	T. McKee _____	T. Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry <u>5864</u>	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb <u>6309</u>	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard <u>6632</u>	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo <u>NR</u>	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) <u>↓</u>	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from <u>Gas (Eumont) 2677</u> to <u>3580</u>	No. 4, from _____ to _____
No. 2, from <u>Oil (Arrowhead) 3580</u> to <u>3925</u>	No. 5, from _____ to _____
No. 3, from _____ to _____	No. 6, 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 _____
No. 4, from _____ to _____	feet _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1242	1242	Sand + Mud				
1242	1333	91	Anhydrite				
1333	2530	1197	Salt				
2530	2677	147	Anhydrite + Sand				
2677	3372	695	Anhydrite, Sand + Dolomite				
3372	3658	286	Sand + Dolomite				
3658	5200	1542	Dolomite + Limestone				
5200	5864	664	Dolomite + Sand				
5864	6930	1066	Dolomite + Limestone				

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O.C.B.
HOBBS OFFICE

Item 32 Continue

6710 - CIBP

6634 - 6670 4500 Gal 15% NEFE HCl

6615 - CIBP + 6 Sacks Cmt.

5600 - CIBP + 6 Sacks Cmt.

4120 - CIBP + 6 Sacks Cmt.

3610 - 3642 3300 Gal 15% NEFE HCl

3610 - 3642 650 Sacks Class C

3746 - 3866 3200 Gal 15% NEFE HCl

42-381 50 SHEETS SQUARE
42-382 100 SHEETS SQUARE
42-389 200 SHEETS SQUARE



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