

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 208
Santa Fe, New Mexico 87504-2088

NOV 4 1992

Form C-105
Revised 1-1-89

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WELL API NO.
30-015-27124

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
648

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
Harvard Petroleum Corporation

3. Address of Operator
P. O. Box 936 Roswell, NM 88202-0936

7. Lease Name or Unit Agreement Name
Netherlin State

8. Well No.
1

9. Pool name or Wildcat
Millman - Grayburg

4. Well Location
Unit Letter C : 330 Feet From The North Line and 2310 Feet From The West Line
Section 24 Township 19 South Range 27 East NMPM Eddy County

10. Date Spudded 9/18/92 11. Date T.D. Reached 9/23/92 12. Date Compl. (Ready to Prod.) 10/18/92 13. Elevations (DF & RKB, RT, GR, etc.) 3498 KB 14. Elev. Casinghead 3486

15. Total Depth 2256 KB 16. Plug Back T.D. 2158 KB 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By Rotary Tools Cable Tools Surf - 2256'

19. Producing Interval(s), of this completion - Top, Bottom, Name 1736-2078 Loco Hills/Grayburg 20. Was Directional Survey Made Yes

21. Type Electric and Other Logs Run CNL, LDT, Temp, Phasor Induction, CBL 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
8 5/8	24	313	12 1/4"	200 sks "C" w/4% CaCl	0
5 1/2	15.5 & 17	2183	7 7/8"	200 sks lite, 150 sks "C"	0

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8"	2105	

26. Perforation record (interval, size, and number)
1736, 1747, 1748.5, 1751.5, 1755.5-67.5, 1771-81, 1807-1811, 1822-25, 1841, 1852, 1908-1916, 1940-1950, 2004-2020, 2028.5, 2029.5, 2036, 2037, 2068, 2078

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED
1736-1811 6000 Gals 15% HCL

28. PRODUCTION
Date First Production 10/18/92 Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping Well Status (Prod. or Shut-in) Prod.
Date of Test 10/23/92 Hours Tested 24 Choke Size 1/4" Prod'n For Test Period Oil - Bbl. 11.6 Gas - MCF 9 Water - Bbl. 3.5 Gas - Oil Ratio 776
Flow Tubing Press. 12# Casing Pressure 12# Calculated 24-Hour Rate Oil - Bbl. 11.6 Gas - MCF 9 Water - Bbl. 3.5 Oil Gravity - API - (Corr.) 34.6

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented Test Witnessed By Tony Karr

30. List Attachments Directional survey, logs

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 [Signature] Printed Name Jeff Harvard Title Vice President Date 10/29/92

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 100
T. Salt
B. Salt
T. Yates
T. 7 Rivers 1155
T. Queen 1325
T. Grayburg 1650
T. San Andres
T. Glorieta
T. Paddock
T. Blinebry
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.

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 Otzte
T. Granite
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OIL OR GAS SANDS OR ZONES

No. 1, from 1745 to 1812
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
0	100	100'	Caliche				
100	470	370"	Anhydrite				
470	610	140'	Anhy/Dolo				
610	1650	1040'	Anhy/Dolo/S.S.				
1650	2256	606'	Dolo/S.S.				