

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL COM. COMMISSION

Submit in Duplicate

Artesia, NM 88210 (See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

45F

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 ☐ DEEP-EN ☐ PLUG BACK ☐ RECEIVED BY OCT 15 1985
2. NAME OF OPERATOR: Yates Petroleum Corporation
3. ADDRESS OF OPERATOR: 207 South 4th St., Artesia, NM 88210
4. LOCATION OF WELL (Report location clearly and in accordance with the State requirements):
At surface 1650 FNE & 2310 FEL, Sec. 26-T16S-R31E
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO. NM 38475
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME Hedgehog ABM Federal
9. WELL NO. 1
10. FIELD AND POOL, OR WILDCAT Square Lake Grayburg SA
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Unit J, Sec. 26-16S-31E

12. COUNTY OR PARISH Eddy
13. STATE NM
14. PERMIT NO. DATE ISSUED
15. DATE SPUDDED 1-31-85
16. DATE T.D. REACHED 2-14-85
17. DATE COMPL. (Ready to prod.) 10-1-85
18. ELEVATIONS (DF, RKB, RT, GE, ETC.)* 4131.5' GR
19. ELEV. CASINGHEAD
20. TOTAL DEPTH, MD & TVD 4720'
21. PLUG, BACK T.D., MD & TVD 3865'
22. IF MULTIPLE COMPL., HOW MANY*
23. INTERVALS DRILLED BY
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3755-93' Grayburg
25. WAS DIRECTIONAL SURVEY MADE No
26. TYPE ELECTRIC AND OTHER LOGS RUN CNL/FDC; DLL
27. WAS WELL CORED No

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"		40'	26"		
10-3/4"	40.5#	475'	14-1/4"	325 SX	
5-1/2"	15.5#	4720'	7-7/8"	675 SX	

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	3708'	

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
3755-93' w/17 .42" Holes		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
		3755-93'	w/2000g. 15% acid. SF w/ 40000g. gel KCL, 40000# 20/40 + 40000# 10/20 sand.

33.* PRODUCTION
DATE FIRST PRODUCTION 9-29-85
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping
WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 10-1-85
HOURS TESTED 24
CHOKE SIZE Open
PROD'N. FOR TEST PERIOD
OIL—BBL. 11
GAS—MCF. 3
WATER—BBL. 7 BLW
GAS-OIL RATIO 273/1
FLOW, TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE
OIL—BBL. 11
GAS—MCF. 3
WATER—BBL. 7 BLW
OIL GRAVITY-API (CORR.) 37°
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented
TEST WITNESSED BY Norbert McCaw
35. LIST OF ATTACHMENTS Deviation Survey
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED [Signature] TITLE Production Supervisor DATE 10-7-85

*(See Instructions and Spaces for Additional Data on Reverse Side)

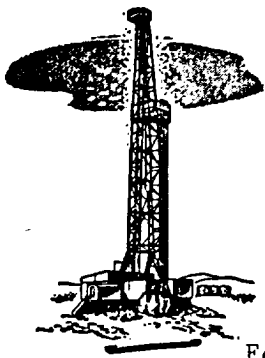
37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38.

GEOLOGIC MARKERS

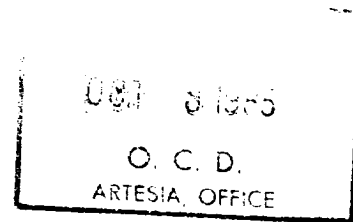
NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Queen Grayburg San Andres Slaughter	3056 3455 3796 4028	



LaRue Drilling Co., Inc. — Oil Well Drilling Contractors

P. O. BOX ~~282~~ 470 ARTESIA, NEW MEXICO 88210

February 20, 1985



Yates Petroleum Corporation
207 South Fourth Street
Artesia, NM 88210

Re: Hedgehog ABM Federal #1
1650' FSL & 2310' FEL
Sec. 26, T16S, R31E
Eddy County, New Mexico

Gentlemen:

The following is a Deviation Survey for the above captioned well.

DEPTH	DEVIATION
475'	1/4°
973'	1/4°
1473'	1/2°
1968'	1/2°
2470'	1/2°
2969'	1/2°
3468'	3/4°
4241'	1°
4720'	1°

Very truly yours,

B. N. Mungy Jr.
Secretary

STATE OF NEW MEXICO §
COUNTY OF EDDY §

The foregoing was acknowledged before me this 20th day of February, 1985.

REGINIA L. GARNER
NOTARY PUBLIC

