

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

P. O. BOX 202 ARTESIA, NEW MEXICO 88210

RECEIVED

April 21, 1982

MAY 20 1982

Yates Petroleum Corporation  
207 South Fourth Street  
Artesia, NM 88210

O. C. D.  
ARTESIA, OFFICE

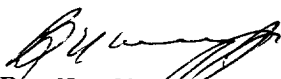
Re: Powers OL Federal #5  
660' FNL & 660' FEL  
Sec. 10, T6S, R25E  
Chaves County, New Mexico

Gentlemen:

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

DEPTH	DEVIATION
500'	1/4°
918'	1/2°
1495'	1/2°
2000'	1/4°
2500'	1/2°
3000'	3/4°
3505'	1°
3975'	1°
4250'	1°

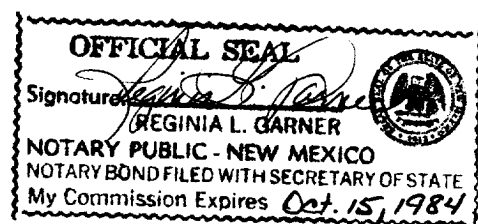
Very truly yours,

  
B. N. Muacy Jr.  
Secretary

STATE OF NEW MEXICO  
COUNTY OF EDDY

Ø  
Ø

The foregoing was acknowledged before me this 21st day of April, 1982.



UNITED STATES DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
NEW MEXICO  
ARTESIA, NM 88210Form approved.  
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

NM 14755

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Powers OL Federal

9. WELL NO.

5

10. FIELD AND POOL, OR WILDCAT

Pecos Slope Abo

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Unit A, Sec. 10-T6S-R25E

12. COUNTY OR PARISH

Chaves

13. STATE

NM

## WELL COMPLETION OR RECOMPLETION REPORT LOG \*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Otherb. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

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 State requirements)\*

At surface 660 FNL &amp; FEL, Sec. 10-6S-25E

At top prod. interval reported below

At total depth

14. PERMIT NO. ROSWELL, NEW MEXICO

O. C. D.  
ARTESIA OFFICE  
RECEIVED  
MAY 21 1982  
OIL & GAS  
U.S. GEOLOGICAL SURVEY  
ROSWELL, NEW MEXICO

15. DATE SPUNDED 4-10-82 16. DATE T.D. REACHED 4-17-82 17. DATE COMPL. (Ready to prod.) 4-28-82 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 3915.9' 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD &amp; TVD 4250' 21. PLUG, BACK T.D., MD &amp; TVD 4159' 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY 0-4250' ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 25. WAS DIRECTIONAL SURVEY MADE

3707-3867' Abo

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNL/FDC; DLL

27. WAS WELL CORED

No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	882'	12-1/4"	700	
4-1/2"	9.5#	4250'	7-7/8"	350	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	3666'	3667'

31. PERFORATION RECORD (Interval, size and number)

3707-3867' w/25 .50" holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3707-3867'	w/5000 g. 7 1/2% MOD 101 acid, ball sealers. SF w/60000 g. gel KCL wtr, 120000# 20/40 sd.

33.\* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or Shut)	
4-28-82		Flowing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	SOIL RATIO
4-28-82	3	1/2"	→	—	486	—	—
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
610	Packer	→	—	3900	—	—	

ACCEPTED FOR RECORD

486

MAY 25 1982

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Vented - Will be sold

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

TITLE Engineering Secretary

DATE 5-19-82

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

