

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐		5. LEASE DESIGNATION AND SERIAL NO. NM 10893	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Yates Petroleum Corporation		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 207 So. 4th St., Artesia, NM 88210		8. FARM OR LEASE NAME Powers OL Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FSL & 660' FEL At top prod. interval reported below At total depth		9. WELL NO. 1	
14. PERMIT NO. DEC 24 1980		10. FIELD AND POOL, OR WILDCAT Wildcat	
15. DATE SPUDDED 11-13-80		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Unit P-Sec. 33-6S-25E	
16. DATE T.D. REACHED 11-23-80		12. COUNTY OR PARISH Chaves	
17. DATE COMPL. (Ready to prod.) 12-16-80		13. STATE NM	
18. TOTAL DEPTH, MD & TVD 4315'		19. ELEV. CASINGHEAD	
20. PLUG, BACK T.D., MD & TVD		21. IF MULTIPLE COMPL., HOW MANY	
22. INTERVALS		23. INTERVALS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3582-3910' Abo		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN CNL/FDC, CLL		27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
13-3/8"	54#	420'	17-1/2"
7-5/8"	24#	1370'	12-1/4"
5-1/2"	14#	4157'	7-7/8"
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2-7/8"	3878'		
31. PERFORATION RECORD (Interval, size and number)			
3582 -3910' w/26 .32" holes			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
3582-3910'		Spt'd 1000 g. 7-1/2% acid	
		SFw/40000 g. gel wtr, 42.5	
		tons CO2, 100000# sd.	
33.* PRODUCTION			
DATE FIRST PRODUCTION 12-16-80		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
WELL STATUS (Producing or shut-in) SIWOPLC			
DATE OF TEST 12-16-80	HOURS TESTED 2	CHOKER SIZE 1/2"	PROD. N. FOR TEST PERIOD —
FLOW. TUBING PRESS. 620#	CASING PRESSURE —	CALCULATED 24-HOUR RATE —	OIL—BBL. —
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented - will be sold		GAS—MCF. 330	
TEST WITNESSED BY Bill Hansen		WATER—BBL. —	
35. LIST OF ATTACHMENTS Deviation Survey		OIL GRAVITY-API (CORR.) —	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		DATE 12-18-80	
SIGNED Albert R. Hall		TITLE Engineer	

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

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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	MEAS. DEPTH	TRUE VERT. DEPTH
				Abo SA. Glorieta Abo	690 960 1343 3534	

ACCEPTED FOR RECORD
PETER W. CHESTER
DEC 24 1980
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO



LaRue Drilling Co., Inc.

PHONE: 505-746-4405

P. O. BOX 202

ARTESIA, NEW MEXICO 88210

November 28, 1980

RECEIVED

Yates Petroleum Corporation
207 South Fourth
Artesia, New Mexico 88210

DEC 19 1980

O. C. D.

ARTESIA, OFFICE

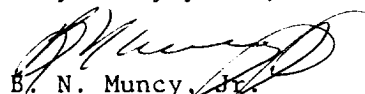
Re: Power "OL" Federal #1
660' FSL, 660' FEL
Section 33, T-6-S, R-25-E
Chaves County, New Mexico

Gentlemen:

The following is a Deviation Srvey of the above captioned well:

Depth	Deviation
420'	1/4 °
920'	1/4 °
1385'	1/2 °
1725'	1/4 °
2225'	1/4 °
2722'	1/4 °
3313'	1/2 °
3875'	1/2 °
4315'	1 °

Very truly yours,


B. N. Muncy, Jr.
President

STATE OF NEW MEXICO :
COUNTY OF EDDY :

The foregoing was acknowledged before me this 28th. day of November, 1980.

