

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.

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.

3

10. FIELD AND POOL, OR WILDCAT

Recess slope - (Abo Gas Field)

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

Unit I, Sec. 14-T6S-R25E

12. COUNTY OR PARISH

Chaves

13. STATE

NM

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 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 any State requirements)
At surface 1980 FSL & 660 FEL

At top prod. interval reported below

At total depth

ACCEPTED FOR RECORD
PETER W. CHESTER
JAN 19 1981
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

JAN 27 1981

C. C. D.

ARTESIA PERMIT NO.

DATE ISSUED

5. DATE SPUDDED

12-1-80

16. DATE T.D. REACHED

12-20-80

17. DATE COMPL. (Ready to prod.)

1-14-81

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

3622.8' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

4300'

21. PLUG, BACK T.D., MD & TVD

4297'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

→

ROTARY TOOLS

0-4300'

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

3730-3874' Abo

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
13-3/8"	54.50#	465'	17-1/2"	450	
8-5/8"	24#	1360'	12-1/4"	770	
5-1/2"	14#	4300'	7-7/8"	275	

28. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	3862'	

31. PERFORATION RECORD (Interval, size and number)

3730-3874' w/17 .32" holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3730-3874	SF w/60000 g. gel KCL wtr, 15000 g. CO2 RA tag, 120000# sd.

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
1-14-81	Flowing	SIWOPLC					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1-14-81	3	1/2"	→	-	460	-	-
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
575#	Packer	→	-	-	-		

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 far as it goes from all available records

SIGNED Janita Rosdell

TITLE Engineering Secretary

DATE Jan. 16, 1981

RECEIVED
JAN 19 1981
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

*(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.

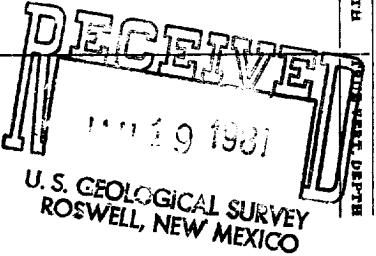
Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF FAVORABLE ZONES:
 SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; COARED 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	MEAN DEPTH	TOP
San Andres	870	
Glorieta	1589	
Abo	3676	





LaRue Drilling Co., Inc.

PHONE: 505-746-4405

P. O. BOX 202

ARTESIA, NEW MEXICO 88210

December 22, 1980

RECEIVED

Yates Petroleum Corporation
207 South Fourth
Artesia, New Mexico 88210

JAN 16 1981

O. C. D.
ARTESIA OFFICE

Re: Powers "OL" Federal^{Perm.} #3 ✓
1980' FSL, 660' FEL,
Section 14, T-6-S, R-25-E
Chaves County, New Mexico

Gentlemen:

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

Depth	Deviation
465'	1/4 °
1150'	1/4 °
1903'	1/4 °
2506'	1/2 °
3128'	1/2 °
3626'	1/2 °
4194'	1/2 °
4300'	3/4 °

Very truly yours,

B. N. Muncy, Jr.
President

STATE OF NEW MEXICO :
COUNTY OF EDDY :

The foregoing was acknowledged before me this 22nd. day of
December, 1980.