

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

Division NM-14755

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Powers OL Federal Com

9. WELL NO.

13

10. FIELD AND POOL, OR WILDCAT

Pecos Slope Abo

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

Section 15-T6S-R25E

12. COUNTY OR PARISH

Chaves

13. STATE

NM

1a. TYPE OF WELL:

OIL WELL ☐

GAS WELL ☒

DRY ☐

Other

b. TYPE OF COMPLETION:

NEW WELL ☒

WORK OVER ☐

DEEP-EN ☐

PLUG BACK ☐

DIFF. RESER. ☐

Other

2. NAME OF OPERATOR

YATES PETROLEUM CORPORATION

(505) 748-4411

3. ADDRESS OF OPERATOR

105 South 4th St., Artesia, NM 88210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface 990' FNL & 990' FEL (Unit A, NENE)

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

API 30-005-63096

3918' GR

15. DATE SPUDDED

RH 1-20-97

RT 3-9-97

16. DATE T.D. REACHED

3-23-97

17. DATE COMPL. (Ready to prod.)

4-7-97

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

3918' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

4188'

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

4036'

22. IF MULTIPLE COMPL. HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

40-4188'

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

3780-3918' Abo

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

CBL

27. WAS WELL CORED

No

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

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
16"		40'	20"	Cement to surface	
11-3/4"	42#	900'	14-3/4"	750 sx - circulate	
4-1/2"	10.5#	4188'	7-7/8"	400 sx + 300 sx (1")	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	3722'	

31. PERFORATION RECORD (Interval, size and number)

3834-3844' w/44 .38" holes

3780-3918' w/94 .38" holes

ACCEPTED FOR RECORD
PETER W. CHESTER
MAY 20 1997
BUREAU OF LAND MANAGEMENT
ROSWELL RESOURCE AREA

ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

INTERVAL (MD)

AMOUNT AND KIND OF MATERIAL USED

SEE ATTACHED SHEET

33.*

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumpjack, etc. and type of pump)				WELL STATUS (Producing or shut-in)	
4-7-97		Flowing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
4-16-97	24	26/64"	→		368		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
110	220	→		368			

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

Sold

TEST WITNESSED BY

Tom Benedict

35. LIST OF ATTACHMENTS

Deviation survey & logs

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE

Operations Technician

DATE April 29, 1997

*(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, flowing and shut-in pressures, and recoveries):					38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		NAME	TOP	
						MEAS. DEPTH	TRUE VERT. DEPTH
					Abo	3643'	

YATES PETROLEUM CORPORATION
Powers OL Federal Com #13
Section 15-T6S-R25E
Chaves County, New Mexico

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

DEPTH INTERVAL

TREATMENT

3834-3844'

Frac'd with 79850 gallons 20# crosslink
gel & 240000# 16-30 Brady sand - screened
out

3780-3918'

Frac'd with 138350 gallons 30# crosslink
gel and 240000# 16-30 Brady sand

L & M DRILLING, INC.

OIL WELL DRILLING CONTRACTORS
PO BOX 1370 ARTESIA, NEW MEXICO 88211-1370
(505) 746-4405 746-3518 748-2205

March 31, 1997

Yates Petroleum Corporation
105 South Fourth Street
Artesia, NM 88210

RE: Powers OL Fed Com #13
990' FNL & 990' FEL
Sec. 15, T6S, R25E
Chaves County, New Mexico

Gentlemen:

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

DEPTH	DEVIATION
505'	1 1/4
900'	1
1800'	1 1/4
2091'	1 1/2
2577'	1 1/2
3114'	1 1/4
3577'	1 1/4
4188'	1 1/2

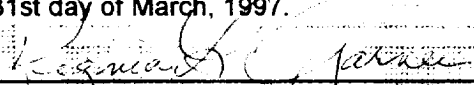
Very truly yours,

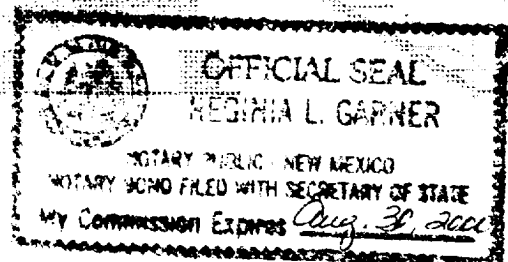


C. E. LaRue
President

STATE OF NEW MEXICO
COUNTY OF EDDY

The foregoing was acknowledged before me
this 31st day of March, 1997.


Notary Public



SERVING SOUTHEAST NEW MEXICO AND WEST TEXAS SINCE 1978