

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONS COMMISSION
SUBMIT IN DUPLICATE
Drawer (S) (per In. of reverse side)

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

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. RENVR. ☐ Other _____

2. NAME OF OPERATOR
YATES PETROLEUM CORPORATION (505) 748-1478 C. D.

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' FWL (Unit D, NWNW)

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED
API 30-015-27796

5. LEASE DESIGNATION AND SERIAL NO.

NM-28099

6. IF INDIAN, ALIOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Pennzoil MZ Federal

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Walters Lake Bone Spring

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

Section 11-T18S-R30E

12. COUNTY OR PARISH
Eddy

13. STATE
NM

15. DATE SPEDDED RH 7-27-94
RT 7-28-94
16. DATE T.D. REACHED 8-17-94
17. DATE COMPL. (Ready to prod.) 8-26-94
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3540' GR

20. TOTAL DEPTH, MD & TVD 7495'
21. PLUG, BACK T.D., MD & TVD 7410'
22. IF MULTIPLE COMPL., HOW MANY*
23. INTERVALS DRILLED BY ROTARY TOOLS 0-7495' CABLE TOOLS

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

7025-7109' Bone Springs

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNL/LDC & DLL

25. WAS DIRECTIONAL SURVEY MADE
No

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
20"		40'	26"	Cement to surface	
13-3/8"	48#	615'	17-1/2"	800 sx - circulate	
5-1/2"	15.5# & 17#	7495'	7-7/8"	2790 sx - circulate	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	6996'	

31. PERFORATION RECORD (Interval, size and number)

7025-7109' w/16 .42" holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
SEE ATTACHED SHEET	

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
8-28-94		Pumping				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9-8-94	24	42/64"	→	137	905	147	6606
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
100	190	→	137	905	147		

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

Sold

TEST WITNESSED BY

Lee Roy Richards

35. LIST OF ATTACHMENTS

Drill Stem Test, Deviation Survey & Logs

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

SIGNED

Rusty Klen

TITLE Production Clerk

DATE 9-13-94

*(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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Top of Salt	642'	
Base of Salt	1450'	
Yates	1614'	
Seven Rivers	2021'	
Queen	2690'	
Grayburg	3153'	
San Andres	3800'	
Bone Springs	4733'	

YATES PETROLEUM CORPORATION
Pennzoil MZ Federal #3
Section 11-T18S-R30E
Eddy County, New Mexico

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

<u>INTERVAL</u>	<u>TREATMENT</u>
7078-7109'	Acidized with 750 gallons 7-1/2% NEFE acid & ball sealers
7025-7035'	Acidized with 750 gallons 7-1/2% NEFE acid & ball sealers
7025-7109'	Frac'd (down 5-1/2" casing) with 116000 gallons 30# crosslink gel, 240000# 20-40 Brady Sand and 60000# 16-30 Super LC Sand.

YATES PETROLEUM CORPORATION
Pennzoil MZ Federal #3
Section 11-T18S-R30E
Eddy County, New Mexico

RESULTS OF DST #1 3250-3319': TIMES: TO 120"; SI 120"; TO 45". RECOVERY: 1'
of oil, 426' of mud and 25' of water. SAMPLER: .04 cfg, 1100 cc water & 1400 cc
mud. PRESSURES: IHP 1631; IFP 78-104; ISIP 626; FFP 156-183.

**WELL**Pennzoil "AMZ" Federal #3**LOCATION**Sec. 11-18S-30E, Eddy County, New Mexico**OPERATOR**Yates Petroleum Corporation207 S. 4th StreetArtesia, New Mexico 88210**DRILLING CONTRACTOR**Exeter Drilling Company

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
1 260	3 1/4 6,400	
1/4 733	2 3/4 6,515	
1/4 1,235	3 6,695	
1 1,720	3 1/4 6,838	
1 1/4 2,220	2 1/2 6,920	
3/4 2,310	2 1/4 7,018	
3/4 2,815	1 1/2 7,380	
1/2 3,234	1 1/4 7,490	
3/4 3,724		
1/2 4,140		
2 4,605		
2 4,855		
2 5,110		
2 1/4 5,350		
2 3/4 5,610		
2 1/2 5,750		
2 1/2 5,855		
2 1/2 5,960		
2 3/4 6,135		
3 1/4 6,264		

Drilling Contractor: EXETER DRILLING COMPANY

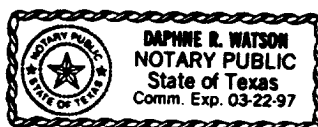
By: Bob Lange

Bob Lange

Drilling Manager

Southern Division

Subscribed and sworn before me this 23rd day of August, 1994.



Daphne R. Watson

Daphne R. Watson

Notary Public

Commission Expires: March 22, 1997