

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other In-
structions on
reverse side)

Form approved.
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 ☐ **N.M. Oil Cons. Division**
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ **Order No. SWD-645**
811 S. 1st Street
Artesia, NM 88210-2834

2. NAME OF OPERATOR
YATES PETROLEUM CORPORATION (505) 748-1471

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 635' FSL & 330' FEL (Unit P, SESE)

At top prod. interval reported below

At total depth

14. PERMIT NO. **API 30-015-29123** DATE ISSUED **11-2-85**

5. LEASE DESIGNATION AND SERIAL NO.

NM-39635

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Mimosa AHS Federal SWD

9. WELL NO.

3Y

10. FIELD AND POOL, OR WILDCAT

Und. Miss./Ellenburger/Dev.

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

Section 4-T20S-R24E

12. COUNTY OR PARISH
Eddy

13. STATE
NM

15. DATE SPUDDED **RH 8-3-96** 16. DATE T.D. REACHED **RT 8-6-96** 17. DATE COMPL. (Ready to prod.) **9-12-96** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* **10-4-96** 19. ELEV. CASINGHEAD **3795' GR**

20. TOTAL DEPTH, MD & TVD **11220'** 21. PLUG, BACK T.D., MD & TVD **11163'** 22. IF MULTIPLE COMPL., HOW MANY* **1** 23. INTERVALS DRILLED BY **80-11220** ROTARY TOOLS **80-11220** CABLE TOOLS

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

9100-11102' Mississippian/Ellenburger/Devonian (SWD)

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

BHC; CNL; HALS/MCFL

27. WAS WELL CORRED

No

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

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"		80'	26"	Cement to surface	
13-3/8"	54.5#	404'	17-1/2"	970 sx - circulate	
9-5/8"	36#	1163'	12-1/4"	970 sx - circulate	
7"	26# & 23#	11220'	8-3/4"	2670 sx - circulate	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					4-1/2"	9062'	9062'

31. PERFORATION RECORD (Interval, size and number)

11102-11106' w/6 .42" holes
10100-10102' w/6 .42" holes
9100-9142' w/24 .42" holes
10035-10075' w/160 .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)	
		SWD				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	FOAM—BBL.
			→				
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	FOAM—BBL.	OIL GRAVITY-API (CORR.)
		→					

ACCEPTED FOR FILE

DAVID R. GLASS

OCT 28 1959

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

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

Kustyn Klein

TITLE **Operations Technician**

DATE **Oct. 23, 1996**

*(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, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				San Andres	390'	
				Glorieta	1767'	
				Abo	4046'	
				Wolfcamp	5272'	
				Canyon	7404'	
				Strawn	8038'	
				Atoka	8604'	
				Morrow	8913'	
				Chester	9143'	
				Mississippian	9290'	
				Woodford	9762'	
				Devonian	9784'	
				Montoya	10247'	
				Ellenburger	10555'	
				Granite	11119'	

YATES PETROLEUM CORPORATION
Mimosa AHS Federal SWD #3Y
Section 4-T20S-R24E
Eddy County, New Mexico

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

DEPTH INTERVAL

TREATMENT

9100-9142'

Acidized with 3000 gallons 15% iron control acid, 50% methanol for water phase, 2 gpt foaming surfactant, ball sealers and 2000 scf/bbl N2. Flushed with N2.

9100-10075'

Acidized (down 7" casing) with 60000 gallons 15% HCL acid, 7500# BAF & 22500# of rock salt in 3 stages. Flushed with 500 gallons 10# brine water.

YATES PETROLEUM CORPORATION
Mimosa AHS Federal SWD #3Y
Section 4-T20S-R24E
Eddy County, New Mexico

RESULTS OF DRILL STEM TEST:

DST #1 7570-7620' (Canyon): TIMES: TO 15"; SI 60"; TO 120"; SI 120"; TO 60".
RECOVERY: 311' of gas cut mud and 30' of sulphur water. SAMPLER: .77 cfg and
300 cc water. PRESSURES: IHP 3621; IFP 120-80; ISIP 1426; 2nd FP 104-143; 2nd SIP
1833; FFP 121-130; FHP 3630

Yates Petroleum Corp.
Mimosa AHS Fed. #3Y
Eddy Co., NM

STATE OF NEW MEXICO
DEVIATION REPORT

386	1/4
788	1
1,163	1-1/2
1,238	1
1,718	1/2
2,217	1/2
2,688	1/4
3,158	1/2
3,656	1/4
4,126	1/4
4,598	1/4
4,907	1/2
5,379	1/2
5,877	3/4
6,376	1-3/4
6,657	1
7,156	1-3/4
7,620	3/4
8,106	1
8,601	1/2
9,071	3/4
9,212	1
9,692	2
10,189	1-3/4
10,631	3/4
11,112	1-3/4
11,215	1-3/4

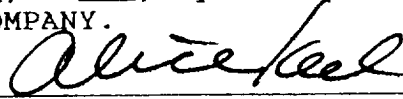


By: Ray Peterson

STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me
this 18th day of September, 1996, by RAY PETERSON
on behalf of PETERSON DRILLING COMPANY.



Notary Public for Midland
County, Texas

My Commission Expires: 8/2/2000

