

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

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

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Undesignated

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

Unit N, Sec. 4-T20S-R24E

12. COUNTY OR
PARISH

Eddy

13. STATE

NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:

OIL WELL ☐

GAS WELL ☐

DRY ☐

Other SWD Well

b. TYPE OF COMPLETION:

NEW WELL ☒

WORK OVER ☐

DEEP-EN ☐

PLUG BACK ☐

DIFF. RESVR. ☐

APPROVED ~~NM~~ RECEIVED

ORDER NO. 476

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 660' FSL & 1980' FWL, Sec. 4-20S-24E

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

AHI #30-015-26950

JUN - 5 1992

O. C. D.

15. DATE SPUDDED

3-3-92

16. DATE T.D. REACHED

4-9-92

17. DATE COMPL. (Ready to prod.)

5-16-92

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

3822' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

11159'

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

11159'

22. IF MULTIPLE COMPL.,
HOW MANY*

23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-11159'

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

9860 - 11159' Devonian, Ellenberger and Bliss Sand

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNL/LDT; DLL; LSS

27. WAS WELL CORED

No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	AMOUNT PULLED
20"		40'	26"	Redimix
9-5/8"	36#	1169'	14-3/4"	1500 sx
7"	23#, 26#	9950'	8-3/4"	1200 sx

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					3-1/2"	9784'	9784'

31. PERFORATION RECORD (Interval, size and number)

9860-11159' Open Hole

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
9860-11159'	w/20000g. HCL acid + 3000# Rock Salt + Block in gel brine.

33.* PRODUCTION

DATE FIRST PRODUCTION 1ST INJECTION 5-16-92		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in) Injection	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	

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

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Deviation Survey, Logs, DST

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

SIGNED

TITLE

Production Supervisor

DATE 4-21-92

*(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.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
38.				San Andres	352	
				Glorieta	1728	
				Yeso	1782	
				Abo Green Shale	4023	
				Wolfcamp Lime	5168	
				Canyon Lime	7428	
				Strawn	8026	
				Atoka	8614	
				Morrow Clastics	8931	
				Lwr. Morrow	9000	
				Chester Lime	9179	
				Mississippian LM	9320	
				Woodford Shale	9770	
				Silurian-Devonian	9790	
				Devonian Dolomite	9810	
				Montoyo	10226	
				Ellenburger	10548	
				Bliss Sand	11065	
				Granite	11112	

YATES PETROLEUM CORPORATION

Mimosa AHS Federal #4 - NM 39635
660 FSL & 1980 FWL, Sec. 4-T20S-R24E
Eddy County, NM

DRILL STEM TESTS

DST #1 - No test.

DST #2 - MISRUN.

DST #3 - 8095-8921': TIMES: 15", 60", 60", 180", 120". RECOVERY: 176'
(.9 bbls) drilling mud, C1 61000. SAMPLER: 50 psi at 160 deg. .17 cfg,
1225 cc mud, C1 61000. PRESSURES: Depth - 9089'. IHP 4624, IFP 188-188,
ISIP 1712, 2nd FP 115-188, FSIP 3062, FFP 151-163, FHP 4649, BHT 160 deg F.