

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

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 ☐ Other ☐

b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP EN ☐ PLUG BACK ☐ DIFF. RESER. ☒ Other ☐ Recompletion

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 1980' FNL & 1980' FWL (Unit F, SENW)
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO. NM-26057

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Altwein Federal Com

9. WELL NO. 1

10. FIELD AND POOL, OR WILDCAT
Hoag Tank Morrow

11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA
Section 12-T19S-R23E

12. COUNTY OR PARISH
Eddy

13. STATE
NM

14. PERMIT NO. API 30-015-25286

DATE ISSUED

15. DATE SPUNDED
Recompletion 1-21-99

16. DATE T.D. REACHED
2-10-99

17. DATE COMPL. (Ready to prod.)
2-10-99

18. ELEVATIONS (DY, RKB, RT, GR, ETC.)*
3868' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD
8502'

21. PLUG, BACK T.D., MD & TVD
8300'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY
Pulling Unit

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
8074-8086' Morrow

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
None on recompletion

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
13-3/8"	54.5#	309'	17-1/2"	In place	
8-5/8"	24#	1671'	12-1/4"	In place	
5-1/2"	17#, 15.5# & 14#	8502'	7-7/8"	In place	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	7959'	7967'

31. PERFORATION RECORD (Interval, size and number)
8074-8086' w/52 .42" holes

ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
SEE ATTACHED SHEET

32. AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut in)
2-10-99	Flowing	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2-13-99	24	10/64"	→	0	260	9	

FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
700#	Packer	→	0	260	9	

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

TEST WITNESSED BY
Johnny Blount

35. LIST OF ATTACHMENTS
None

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

SIGNED Rusty Klein TITLE Operations Technician DATE March 30, 1999

*(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
				REFER TO ORIGINAL COMPLETION		

38. GEOLOGIC MARKERS

RECEIVED
APR 05 1999

YATES PETROLEUM CORPORATION
Altwein Federal Com #1
Section 12-T19S-R23E
Eddy County, New Mexico

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

<u>DEPTH INTERVAL</u>	<u>TREATMENT</u>
8074-8086'	Acidized with 1000 gallons 7-1/2% HCL acid with 1000 scf/bbl N2
6294-6340'	Retainer set at 7958'. Mixed & pumped 150 sacks Thixatropic (yield 1.43, weight 15.0), 10% thixadd, 1% CaCl2, 2# gilsonite and 100 H Neat (yield 1.18, weight 15.6). Squeezed to 3000 psi with 120 sacks in formation.
8074-8086'	Frac'd with 13000 gallons CO2 foam frac, 2000 gallons methanol, 100 tons CO2 and 39000# 20-40 ac-frac PR sand