

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐ 8-27-96

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESER. ☐ Other ☐

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 360' FSL & 2080' FWL (Unit N, SESW)

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

API 30-015-27086

5. LEASE DESIGNATION AND SERIAL NO.

NM-045276

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Diamond AKI Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Dagger Draw Upper Penn, So.

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

Section 34-T20S-R24E

12. COUNTY OR PARISH

Eddy

13. STATE

NM

15. DATE SPUDDED

RH 2-10-96

RT 2-15-96

16. DATE T.D. REACHED

3-4-96

17. DATE COMPL. (Ready to prod.)

3-14-96

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

3724' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

8150'

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

8032'

22. IF MULTIPLE COMPL., HOW MANY*

RECEIVED

CABLE TOOLS

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

7696-7774' Canyon

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNL/LDC & DLL

OIL CON. DIV.

27. WAS WELL CORRED

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"		80'	26"	Cement to surface	
9-5/8"	36#	1115'	14-3/4"	1150 sx - circulate	
7"	26# & 23#	8150'	8-3/4"	1450 sx - circulate	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	7808'	

31. PERFORATION RECORD (Interval, size and number)

7696-7774' w/20 .42" holes as follows:
7696, 7700, 04, 08, 18, 22, 26, 30, 34, 38,
42, 46, 50, 52, 54, 56, 60, 64, 70 & 7774'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
Each perforation	treated with 250 gallons
20% iron control	HCL

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
3-14-96		Pumping				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3-26-96	24	open	→	1334	6368	2510	4774:1
FLOW. TUBING PRESS.	CASINO PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
400	460	→	1334	6368	2510	41.5	

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

Sold

TEST WITNESSED BY

Marcelino Galindo

35. LIST OF ATTACHMENTS

Drill Stem Test, Deviation Survey and Logs

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

SIGNED

TITLE

Production Clerk

DATE

March 28, 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, flowing and shut-in pressures, and recoveries):				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				San Andres Glorieta Bone Springs Wolfcamp Canyon	507' 2041' 3088' 5796' 7410'	

YATES PETROLEUM CORPORATION
Diamond AKI Federal #1
Section 34-T20S-R24E
Eddy County, New Mexico

RESULTS OF DRILL STEM TEST:

DST #1 5715-5765' (Lower Bone Springs): TIMES: TO 30"; SI 60"; TO 60"; SI 120".
RECOVERY: 196' of gas cut oil and 779' of drilling mud. SAMPLER: 4.4 cfg, 300
cc of oil and 400 cc mud. PRESSURES: IHP 2688; IFP 375-721; ISIP 2234; 2nd FP
403-721; 2nd SIP 1977; FHP 2688.