

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

Budget Bureau No. 1004-0137
31, 1985

TE.
JIL CONS COMMISSION
Draws DD
Artesia, NM 88210
NM-85891

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. CENVR. ☐ 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 1980' FNL & 1980' FEL (Unit G, SWNE)

At top prod. interval reported below

At total depth

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Knoll AOK Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Cedar Canyon Bone Springs

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

Section 3-T24S-R29E

12. COUNTY OR PARISH
Eddy

13. STATE
NM

14. PERMIT NO. DATE ISSUED
API 30-015-28127

15. DATE STUDDERED RH 10-24-94 RT 10-25-94
16. DATE T.D. REACHED 11-13-94
17. DATE COMPL. (Ready to prod.) 12-7-94
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3062' GR

20. TOTAL DEPTH, MD & TVD 8250'
21. PLUG, BACK T.D., MD & TVD 8195'
22. IF MULTIPLE COMPL., HOW MANY*
23. INTERVALS DRILLED BY 40-8250'

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

7922-7939' Bone Springs

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNL/LDC & DLL

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#	700'	17-1/2"	600 sx - circulate	
8-5/8"	32#	3003'	11"	850 sx - circulate	
5-1/2"	17# & 15.5#	8250'	7-7/8"	1075 sx	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	7711'	

31. PERFORATION RECORD (Interval, size and number)

7922-7939' w/35 .50" holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7922-7939'	Acidized w/2500 gallons 7-1/2% NEFE acid & ball sealers. Frac'd (down 5-1/2" casing) with 77900 gallons 35# crosslink gel, 140000# 16-30 Ottawa sand & 60000# 16-30 Super

33. PRODUCTION

DATE FIRST PRODUCTION 12-20-94
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping
WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1-12-95	24	Open	→	67	765	45	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
50	50	→	67	765	45	N/A	

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

Sold

TEST WITNESSED BY

T. R. Wofford

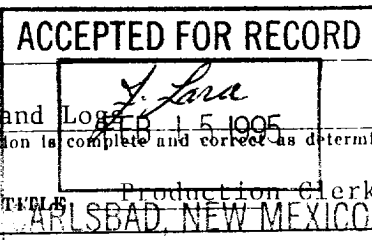
35. LIST OF ATTACHMENTS

Drill Stem Tests, Deviation Survey and Log

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

SIGNED

Kusty Klein



DATE Jan. 19, 1995

*(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):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Top Salt Base Salt Bell Canyon Cherry Canyon Brushy Canyon Bone Springs	698' 2889' 3115' 4045' 5647' 6850'	

YATES PETROLEUM CORPORATION
Knoll AOK Federal #1
Section 3-T24S-R29E
Eddy County, New Mexico

RESULTS OF DRILL STEM TESTS:

DST #1 5606-5680' (Brushy Canyon): TIMES: TO 30"; SI 60"; TO 60"; SI 120"; TO 60". RECOVERY: 120' oil & 300' drilling mud. SAMPLER: 1.11 cfg, 150 cc oil. PRESSURES: IHP 2664; IFP 86-160; ISIP 382; 2nd FP 160-160; 2nd SIP 633; FFP 197-184; FHP 2664.

DST #2 7821-7955' (Bone Springs): TIMES: TO 30"; SI 60"; TO 60"; SI 120"; TO 60". RECOVERY: 90' oil & 490' rathole mud. SAMPLER: .21 cfg, 1800 cc oil & 400 cc mud. PRESSURES: IHP 3662; IFP 201-230; ISIP 663; 2nd FP 201-259; 2nd SIP 808; FFP 230-288; FHP 3662.



KEN REYNOLDS—PRESIDENT
ARNIE NEWKIRK—VICE-PRESIDENT

DRILLING CO., INC. — OIL WELL DRILLING CONTRACTORS

P. O. Box 1498 ROSWELL, NEW MEXICO 88202-1498
505/623-5070 505/746-2719
ROSWELL, NM ARTESIA, NM

November 17, 1994

Yates Petroleum Corporation
105 S. 4th Street
Artesia, N.M. 88210

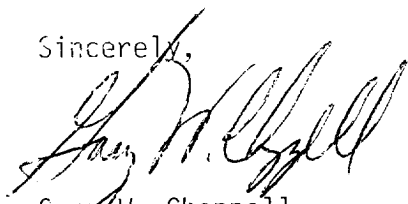
RE: Knoll "AOK" Federal #1

Gentlemen:

The following is a Deviation Survey on the above referenced well located in Eddy County, New Mexico.

454' - 1/2°	2970' - 2 3/4°	5902' - 3/4°
700' - 1 1/2°	3466' - 2°	6378' - 1 1/4°
1183' - 2°	3967' - 2°	6877' - 1°
1497' - 1 1/2°	4464' - 1 1/4°	7377' - 2°
1997' - 2°	4964' - 1°	7847' - 2 3/4°
2497' - 3°	5402' - 1°	8250' - 3° T.D.

Sincerely,



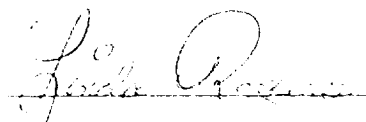
Gary W. Chappell
Contracts Manager

STATE OF NEW MEXICO)
COUNTY OF CHAVES)

The foregoing was acknowledged before me this 17th day of November 1994 by Gary W. Chappell.

MY COMMISSION EXPIRES

October 07, 1996



Linda Rogers
NOTARY PUBLIC