

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

Form Approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985
DESIGNATION AND SERIAL NO.
NM-050429-B

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 _____

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 990' FSL & 2145' FWL (Unit N, SESW)

JUL 25 1996

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

API 30-015-28692

12. COUNTY OR PARISH

Eddy

13. STATE

NM

15. DATE STUDDER

RH 12-12-95

16. DATE T.D. REACHED

1-17-96

17. DATE COMPL. (Ready to prod.)

2-9-96

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

3497' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

11705'

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

11197'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

40-11705'

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

11120-11163' Morrow

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

BHC, CNL/LDC & DLL

27. WAS WELL CORED

No

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

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"		40'	26"	Cement to surface	
13-3/8"	48#	444'	17-1/2"	875 sx - circulate	
9-5/8"	36# & 40#	4036'	12-1/4"	1450 sx - circulate	
5-1/2"	17#	11699'	8-3/4"	1925 sx	

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"	11025'	11033'

31. PERFORATION RECORD (Interval, size and number)

11302-11305' w/16 .42" holes
11120-11134' w/30 .25" holes
11154-11163' w/20 .25" 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)	
4-11-96		Flowing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
6-9-96	24	18/64"	→		750		
FLOW. TUBING PRESS.	CASINO PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
600#	packer	→		750			

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

Sold

TEST WITNESSED BY

Frank Molina

35. LIST OF ATTACHMENTS

Deviation Survey & Logs

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

SIGNED

Kusty Klein

TITLE

Operations Technician

DATE June 28, 1996

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Yates	1195'	
Queen	2195'	
Loco Hills	3214'	
Bone Spring		
Lime	4083'	
3rd Bone Spring		
Sand	8293'	
Wolfcamp	8680'	
Strawn	10293'	
Atoka	10547'	
Morrow Clastics	11104'	
Chester	11607'	

YATES PETROLEUM CORPORATION
Sand Tank APS Federal Com #1
Section 12-T18S-R29E
Eddy County, New Mexico

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

<u>DEPTH INTERVAL</u>	<u>TREATMENT</u>
11302-11305'	Acidized with 750 gallons 7-1/2% Morrow acid with 750 gallons CO2. Flushed with 50% CO2.
11120-11134'	Acidized with 1000 gallons 7-1/2% Morrow acid with 1000 scf/bbl N2 and ball sealers.
11120-11163'	Acidized with 1000 gallons 7-1/2% Morrow acid with 50% CO2 and ball sealers. Frac'd with 54000# 20-40 interprop and 43000 gallons 65 Quality CO2 foam crosslinked gel. Screened out with 4500# sand in tubing and casing and 30800# in formation.

KEN REYNOLDS-PRESIDENT
GARY W. CHAPPELL-VICE PRESIDENT

WEK

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

January 22, 1996

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

RE: Sandtank "APF" Federal Comm #1

Gentlemen:

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

250' - 1/4°	2858' - 1/2°	5450' - 2°	8365' - 2°
447' - 3/4°	3350' - 3/4°	5637' - 2 1/4°	8867' - 2 1/2°
931' - 1 3/4°	3850' - 1°	5920' - 2 1/2°	9369' - 1 1/2°
1119' - 2 1/2°	4036' - 1 1/4°	6148' - 1 3/4°	9872' - 2°
1276' - 1 1/2°	4455' - 1/4°	6638' - 2 1/2°	10,360' - 2°
1409' - 1 1/2°	4642' - 3/4°	6984' - 2 1/2°	10,850' - 1 3/4°
1597' - 1 1/4°	4830' - 1/2°	7210' - 2 3/4°	11,361' - 1 3/4°
2097' - 1/2°	5034' - 1/2°	7590' - 2 3/4°	11,705' - 1 3/4°
2599' - 3/4°	5238' - 1 1/4°	7866' - 1 3/4°	

Sincerely,



Gary W. Chappell
Contracts Manager

STATE OF NEW MEXICO }
COUNTY OF CHAVES }

The foregoing was acknowledged before me this 22nd day of January 1996 by Gary W. Chappell.

MY COMMISSION EXPIRES

October 07, 1996

