

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTOil Cons.
N.M. DIV- 1.2
1301 W. Grand Avenue
Artesia, NM 88210

FORM APPROVED

OMB NO. 1004-0137

Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____
b. TYPE OF COMPLETION: NEW WELL ☒ WORKOVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ Other _____

2. NAME OF OPERATOR

Yates Petroleum Corporation

3. ADDRESS AND TELEPHONE NO.

105 South Fourth St. - Artesia, NM 88210

505-748-1471

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

1980' FSL and 1980' FEL

At top prod. Interval reported below

At total depth

15. DATE SPUNDED
RH - 2/25/02
RT - 3/6/02
16. DATE T.D. REACHED
3/26/02
17. DATE COMPL. (Ready to prod.)
4/19/02
18. ELEVATIONS (OF RK9, RT, GR, ETC.)
3766' GR20. TOTAL DEPTH, MD & TVD
5264'
21. PLUG BACK T.D., MD & TVD
5217'
22. IF MULTIPLE COMPL.
23. INTERVALS DRILLED BY
40-5264'

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

3710-4022' Abo

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNL/LDC, Laterolog, Sonic

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CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB/FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
20"		40'	26"	cement to surface	
13-3/8"	48#	915'	17-1/2"	710 sxs circ	
9-5/8"	36#	1575'	12-1/4"	1545 sxs	
5-1/2"	15.5#	5264'	8-3/4"	770 sxs	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	SIZE	DEPTH SET (MD)	PACKER SET (MD)
						2-3/8"	3692'	None

31. PERFORATION RECORD (Interval, size and number)

3710-3720' 11 holes .42" 3742-3754' 13 holes .42"
3828-3836' 9 holes .42" 3860-3864' 5 holes .42"
3848-3864' 17 holes .42" 4012-4022' 11 holes .42"

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3710-4022'	1000 gals 7.5% IC HCL
3710-4022'	110,500 gals 30# 35Q CO2 foam with
	350,000# 16/30 Brady sand

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PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gaslift, pumping-size and type of pump)			WELL STATUS (Producing or shut-in)		
4/26/02		Flowing			Producing		
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PRODN. FOR TEST PERIOD	OIL-BBL	GAS-MCF	WATER-BBL	GAS-OIL RATIO
4/27/02	24	13/64"	→	0	427	0	
FLOW, TBG PRESS	CASING PRESS	CALCULATED 24-HR RATE		OIL-BBL	GAS-MCF	WATER-BBL	OIL GRAVITY-API (CORR.)
600#	0	→		0	427	0	

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

Sold

35. LIST OF ATTACHMENTS

Logs, Deviation survey

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

SIGNED

TITLE Engineering Technician

DATE 4/30/02

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

Title 19 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.

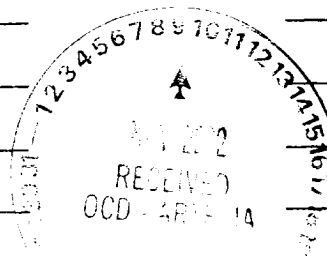
37 SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries).

38. GEOLOGIC MARKERS				
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).	TOP			
	FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

WELL NAME AND NUMBER Cottonwood Federal No. 5
LOCATION 1980' FSL, 1980' FEL, Sec. 26, T6S, R25E, Chaves, Co. NM
OPERATOR Yates Petroleum Corp.
DRILLING CONTRACTOR United Drilling, Inc.

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and had conducted deviation tests and obtained the following results:

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>1/4° @ 513'</u>	<u>1° @ 4036'</u>	<u> </u>
<u>1/4° @ 915'</u>	<u>1° @ 4506'</u>	<u> </u>
<u>1/4° @ 1041'</u>	<u>1± @ 5037'</u>	<u> </u>
<u>1/2° @ 1508'</u>	<u> </u>	<u> </u>
<u>1/4° @ 2002'</u>	<u> </u>	<u> </u>
<u>1/2° @ 2504'</u>	<u> </u>	<u> </u>
<u>1/2° @ 3030'</u>	<u> </u>	<u> </u>
<u>3/4° @ 3568'</u>	<u> </u>	<u> </u>



Drilling Contractor United Drilling, Inc.

By: George Aho

Title: Business Manager

Subscribed and sworn to before me this 2nd day of April,
20 02.

Carlene Martin Carlene Martin
Notary Public

My Commission Expires: 10-04-04

Chaves New Mexico
County State