

NM OIL CONS. COMMISSION
Drawer DD
ARTESIA, NM 88210
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONTACT FOR
OFFICE FOR NUM.
OF COPIES REQUIRED

(See other In-
structions on
reverse side)

BLM Roswell District
1000-3160-3
RECEIVED

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. RESVR. ☐ Other _____

2. NAME OF OPERATOR
YATES PETROLEUM CORPORATION

3a. Area Code & Phone No.
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 660' FSL & 1980' FWL, 35-19S-24E

At top prod. interval reported below

At total depth Same

9a. API Well No.
30-015-26259

14. PERMIT NO.
O.C.D.
ARTEZIA, OFFICE

15. DATE SPUDDED 5-1-90 16. DATE T.D. REACHED 6-1-90 17. DATE COMPL. (Ready to prod.) 6-29-90

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3687' GR

20. TOTAL DEPTH, MD & TVD 9400' 21. PLUG, BACK T.D., MD & TVD 7835' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 0-TD

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* 7682-7802' Canyon

25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNL/LDT; DLL

27. WAS WELL CORED No

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"	Redi-Mix	
9-5/8"	36#	1300'	14-3/4"	1100 sx	
7"	23 & 26#	9400'	8-3/4"	2175 sx	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	7655'	7655'

31. PERFORATION RECORD (Interval, size and number)

7682-7802' w/19 - .50" holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7682-7802'	w/3200g. 20% NEFE acid

33.* PRODUCTION

DATE FIRST PRODUCTION 6-13-90		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 6-29-90	HOURS TESTED 24	CHOKE SIZE 17/64"	PROD'N. FOR TEST PERIOD →	OIL--BBL. 8	GAS--MCF. 1381	WATER--BBL. 195	GAS-OIL RATIO 170500
FLOW, TUBING PRESS. 450	CASING PRESSURE Pkr	CALCULATED 24-HOUR RATE →	OIL--BBL. 8	GAS--MCF. 1381	WATER--BBL. 195	OIL GRAVITY-API (CORR.) 43-44°	

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

Sold - connected to Yates Gas Gathering 6-13-90

TEST WITNESSED BY
Norbert McCaw

35. LIST OF ATTACHMENTS

Deviation Survey, DST's, Logs

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

SIGNED *R. Anita Ducllet*

TITLE Production Supervisor

DATE 7-10-90

*(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
				San Andres	408	
				Glorieta	1872	
				Yeso	2014	
				Abo	4040	
				Wolfcamp LST	5312	
				Canyon	7523	
				Strawn	8157	
				Atoka	8681	
				Morrow	9013	
				Chester	9294	

MARTIN YATES, III
1912 - 1985
FRANK W. YATES
1936 - 1986



RECEIVED

S. P. YATES
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TREASURER

105 SOUTH FOURTH STREET
ARTESIA, NEW MEXICO 88210
TELEPHONE (505) 748-1471

JUL 13 10 42 AM '90
CABLE
AREA

DRILL STEM TESTS

Nopal AFP Federal Com #1, NM-51828
660' FSL & 1980' FWL, Sec. 35-T19S-R24E
Eddy County, NM

DST #1 4195-4281': TIMES: 30", 60", 120", 60". RECOVERY: 5' oil, 1093' water. Middle sample 380 ppm H₂S, 72000 Cl. Bottom sampler 1220 ppm H₂S, 40000 Cl. SAMPLER: 2500 cc water, 100 psig. PRESSURES: IHP 2057, IFP 226-414, ISIP 911, 2nd FP 432-289, 2nd SI 1240, FFP 507-573, FHP 2057.

DST #2 4850-5104" (254') ABO: TIMES 20", 60", 60", 120", 60". SAMPLER: 0 oil, 0 gas, 2400 cc drilling fluid, Cl 162,000. RECOVERY: 30' drilling fluid, Cl 155,000. Temperature 2nd chart: 104°. PRESSURES: IHP 2655, IFP 161-161, ISIP 1123, 2nd FP 171-171, 2nd SI 1475, FFP 180-180, FHP 2646.

WELL NAME AND NUMBER McVay Rig #8 Nopal AFD Fed Col. #1

LOCATION Section 25, T19S, R24E, Eddy County
(Give Unit, Section, Township and Range)

OPERATOR Yates Petroleum Corporation

DRILLING CONTRACTOR McVay Drilling Company

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

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>1/2 156</u>	<u>1 4,517</u>	<u>1-3/4 9,149</u>
<u>1/2 418</u>	<u>1 4,674</u>	<u>_____</u>
<u>3/4 660</u>	<u>1 1/4 4,830</u>	<u>_____</u>
<u>1 969</u>	<u>1 1/4 4,987</u>	<u>_____</u>
<u>1 1/4 1,300</u>	<u>1 5,081</u>	<u>_____</u>
<u>1/2 1,615</u>	<u>3/4 5,238</u>	<u>_____</u>
<u>1/2 2,020</u>	<u>1 1/4 5,426</u>	<u>_____</u>
<u>1/2 2,426</u>	<u>1/4 5,676</u>	<u>_____</u>
<u>1/4 2,831</u>	<u>1 6,180</u>	<u>_____</u>
<u>1/4 3,266</u>	<u>1 1/4 6,616</u>	<u>_____</u>
<u>1/2 3,702</u>	<u>1/4 7,136</u>	<u>_____</u>
<u>3/4 3,921</u>	<u>3/4 7,640</u>	<u>_____</u>
<u>3/4 4,110</u>	<u>1/2 8,048</u>	<u>_____</u>
<u>1 4,271</u>	<u>3/4 8,425</u>	<u>_____</u>
<u>1 4,360</u>	<u>1 1/2 8,899</u>	<u>_____</u>

Drilling Contractor McVay Drilling Company

By: Joe Hynes Jr.

Subscribed and sworn to before me this 4th day of June, 1990

Sheldon Jean Berbricht
Notary Public

My Commision Expires: 12/27/91

Lea County New Mexico