

NMOCC COPY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other
instructions on
reverse side)Form approved.
Budget Bureau No. 42-R355.6.

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 Corporation3. ADDRESS OF OPERATOR
207 South Fourth Street - Artesia, NM 882104. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1980' FSL & 1980' FWL of Section 33-17S-25E

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED

15. DATE SPUDDED 12-26-78 16. DATE T.D. REACHED 1-16-79 17. DATE COMPL. (Ready to prod.) 2-20-79 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 3577' KB

20. TOTAL DEPTH, MD & TVD 8476' 21. PLUG, BACK T.D., MD & TVD 8355' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 0-8476' ROTARY TOOLS CABLE TOOLS

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

7997-8343' Atoka-Morrow

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNL/FDC & DLL

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD
13-3/8"	48#	245'	17-1/2"	225 sacks
8-5/8"	24#	1100'	12-1/4"	900 sacks
4-1/2"	10.5&11.6#	8476'	7-7/8"	525 sacks

AMOUNT PULLED

MAY 14 1979

O. C. C.
ARTESIA, OFFICE

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	7970'	7970'

31. PERFORATION RECORD (Interval, size and number)

8414-8422', 0.34", 16
8330-8343', 0.41", 26
8252-8270', 0.34", 28
7997-8010', 0.34", 22

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8414-8422'	2500g 7½% MS acid + N2
8330-8343'	2000g 7½%, 20000# 20-40, & 15000g CO2
8252-8270'	1000g 7½% MSA + N2

PRODUCTION 7997-8010 1200g 15%, 12000# 20-40, 780 gal CO2

33.* DATE FIRST PRODUCTION 1-24-79 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing

WELL STATUS (Producing or shut-in) SIWOPLC

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3-7-79	6 hours	3/8"	TSTM	171	---	---	---
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
190	packer	---	---	685	---	---	---

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

Vented

35. LIST OF ATTACHMENTS

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

SIGNED Eddie M. Wachford TITLE EngineerU.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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

RECEIVED

RECEIVED
H. S. Apple

APR 30 1979

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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	MEAS. DEPTH	TRUE VERT. DEPTH
				San Andres	751	
				Glorieta	2137	
				Abo	4101	
				Wolfcamp	5327	
				Penn	6549	
				Lower Canyon	7308	
				Strawn	7536	
				Atoka	7958	
				Morrow Clast.	8248	
				Chester	8410	

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APR 30 1979

U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

LANDIS DRILLING COMPANY

POST OFFICE BOX 3579
MIDLAND, TEXAS 79702

OPERATOR Yates Petroleum Corp. ADDRESS 207 S. 4th, Artesia, New Mexico
 LEASE NAME Federal "CR" WELL NO. 4 FIELD _____
 LOCATION Sec. 33, T17S, R25E, Eddy County, New Mexico

DEPTH	ANGLE INCLINATION DEGREES	DISPLACEMENT	DISPLACEMENT ACCUMULATED
245	3/4	3.20	3.20
491	3/4	3.22	6.42
704	1 1/4	4.64	11.06
909	3/4	2.68	13.74
1100	1	3.33	17.07
1537	1 1/4	9.53	26.60
2038	1 1/2	13.11	39.71
2286	1	4.32	44.03
2784	1 1/4	10.86	54.89
3279	1	8.63	63.52
3775	1/2	4.33	67.85
4338	3/4	7.36	75.21
4832	3	25.85	101.06
4957	1 1/2	3.27	104.33
5426	3/4	6.13	110.46
5920	1	8.62	119.08
6414	1 1/4	10.77	129.85
6953	3/4	7.05	136.90
7413	1	8.02	144.92
7944	1 1/2	13.90	158.82
8476	1 1/4	11.60	170.42

I hereby certify that the above data as set forth is true and correct to the best of my knowledge and belief.

LANDIS DRILLING COMPANY

Cecil Wilson Vice-president
TITLE

AFFIDAVIT:

Before me, the undersigned authority, appeared Cecil Wilson known to me to be the person whose name is subscribed herebelow, who, on making deposition, under oath states that he is acting for and in behalf of the operator of the well identified above, and that to the best of his knowledge and belief such well was not intentionally deviated from the true vertical whatsoever.

Sworn and subscribed to in my presence on this the 22nd day of January, 19 79

Cecil Wilson
AFFIANT'S SIGNATURE
Beneath Murphy
NOTARY PUBLIC in and for _____