

UN' ED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
N. M. O. C. C. COPY
SUBMIT IN DUPLIC
(See instructions on reverse side)Form approved.
Budget Bureau No. 42-R355.5.

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						3. ADDRESS OF OPERATOR 207 So. 4th St., Artesia, New Mexico	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FSL & 1980' FEL of Sec. 6-18S-25E At top prod. interval reported below At total depth						5. LEASE DESIGNATION AND SERIAL NO. NM-15664	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME						7. UNIT AGREEMENT NAME	
8. FARM OR LEASE NAME Federal "EF" Com						9. WELL NO. 1	
10. FIELD AND POOL, OR WILDCAT Richard Knob						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Unit 0 Sec 6-18S-25E	
12. COUNTY OR PARISH Eddy						13. STATE N.M.	
15. DATE SPUDDED 4-23-75	16. DATE T.D. REACHED 5-16-75	17. DATE COMPL. (Ready to prod.) 6-3-75	18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 3649 KB		19. ELEV. CASINGHEAD 3632		
20. TOTAL DEPTH, MD & TVD 8413	21. PLUG, BACK T.D., MD & TVD 8287	22. IF MULTIPLE COMPL., HOW MANY* Dual	23. INTERVALS DRILLED BY 0-8413'	ROTARY TOOLS →	CABLE TOOLS -		
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 8202-8212 Morrow (casing annulus completion)					25. WAS DIRECTIONAL SURVEY MADE No		
26. TYPE ELECTRIC AND OTHER LOGS RUN CNL-Density & DLL					27. WAS WELL CORED No		
28. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED	
12 3/4	34	200	17 1/2	125 sx Class C		Circ	
8 5/8	24	1037	12	450 sx Class C		Circ	
4 1/2	10.5 & 11.6	8320	7 7/8	560 sx		None	
29. LINER RECORD			30. TUBING RECORD				
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
31. PERFORATION RECORD (Interval, size and number) 8202-8212 0.34" 40 jets				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH INTERVAL (MD)			
				8202-8212			
				8202-8212			
				1000 g 7 1/2% MSA			
				12000# 20/40 in 10000 g MS			
				Frac & 15 tons CO2			
33.* PRODUCTION							
DATE FIRST PRODUCTION 5-29-75		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing			WELL STATUS (Producing or shut-in) Shut in		
DATE OF TEST 6-3-75	HOURS TESTED 4	CHOKE SIZE 1/2	PROD'N. FOR TEST PERIOD →	OIL—BBL. 1.05	GAS—MCF. 150	WATER—BBL. 0.15 LW	GAS-OIL RATIO 142860/1
FLOW. TUBING PRESS. 135	CASING PRESSURE Sealed	CALCULATED 24-HOUR RATE →	OIL—BBL. 6.3	GAS—MCF. 900	WATER—BBL. 0.9 BLW	OIL GRAVITY-API (CORR.) 50.6	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented							
35. LIST OF ATTACHMENTS DST't							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED Eddie L. Hualde		TITLE Engineer					
DATE 6-17-75		U.S. GEOLOGICAL SURVEY ARTESIA, NEW MEXICO					

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

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
				San Andres	646		
				Glorieta	1940		
				Abo	3980		
				Wolfcamp Ls	5115		
				Penn*	6410		
				Strawn*	7500		
				Atoka*	7900		
				Morrow Ls*	8050		
				Morrow Clastic*	8185		
				Chester*	8333		

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U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

DRILL STEM TESTS

Yates Petroleum Corporation
Federal "EF" Com #1
Section 6-T18S-R25E
Eddy County, NM

DST #1 - 6392-6641' - (Cisco) - TO 30"; SI 90"; TO 75"; SI 150". Op w/fair blow
GTS in 29". Reopened on 1/4" choke - Rate of MCF 187 PD. Recovery - 640' SGCDM
w/trace of distillate. Sampler - 350#, 1.5 cfg, 400 cc SGCDM w/trace of distillate.
Pressures: - HP 2978-2918; IFP 281-294; ISIP 2365; FFP 374-428; FSIP 2365.

DST #2 - 8130-8413 - Morrow - TO 40"; SI 90"; OP 140"; SI 240". Op w/fair blow
increasing to 12# on 1/4" choke in 40". GTS in 40". Re-op w/GTS immediately. 60#
on 1/4" choke in 4". Decreasing to 44# in 35". (100 MCFPD). Recovered: - 540' of
SGCDM. Sampler: - 200 psi, 1.12 cfg. No fluid. Pressures: - HP 3959-3959;
IFP 280-280; ISIP 2868; FFP 280-315; FSIP 2974.

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