

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R455.5.

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						Federal "GC"	
3. ADDRESS OF OPERATOR						1	
207 South 4th Street - Artesia, NM 88210						10. FIELD AND POOL, OR WILDCAT	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*						Richard Knob <i>Artesia</i>	
At surface 660' FSL & 660' FEL of Sec. 32-17S-25E						11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA	
At top prod. interval reported below						Sec. 32-17S-25E	
At total depth						Unit P NMPM	
14. PERMIT NO.				DATE ISSUED			
15. DATE SPUDDED				16. DATE T.D. REACHED			
6-7-76				7-8-76			
17. DATE COMPL. (Ready to prod.)				18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*			
7-20-76				3588' GR			
20. TOTAL DEPTH, MD & TVD		21. PLUG BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY	
8400'		8292'		RECEIVED		0-8400'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*						25. WAS DIRECTIONAL SURVEY MADE	
8202-8232' Morrow						No	
26. TYPE ELECTRIC AND OTHER LOGS RUN						27. WAS WELL CORED	
CNL/FDC, DLL/MSFL						No	

15. DATE SPUDDED		16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*		19. ELEV. CASINGHEAD	
6-7-76		7-8-76		7-20-76		3588' GR			
20. TOTAL DEPTH, MD & TVD		21. PLUG BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY		24. ROTARY TOOLS	
8400'		8292'		RECEIVED		0-8400'		CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*						25. WAS DIRECTIONAL SURVEY MADE			
8202-8232' Morrow						No			

26. TYPE ELECTRIC AND OTHER LOGS RUN						27. WAS WELL CORED	
CNL/FDC, DLL/MSFL						No	

28. CASING RECORD (Report all casing set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	42#	274'	17 1/2"	175 sacks	
8-5/8"	24#	1110'	12 1/4"	800 sacks	
5 1/2"	17 1/2#	8334'	7-7/8"	500 sacks	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	8184'	3166'

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
8202-8232' .32" holes (4 JSPF)		DEPTH INTERVAL (MD)	
		8202-8232'	
		Retreated Perfs 16700g 3% MS Acid &	
		8-20-76	
		CO ₂ , 24000# 20-40 sand.	

33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
7-20-76		Flowing				52	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8-20-76	6 1/4	3/4"	→	5.25	964	Neg	183620/1
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
245#	-	→	20.2	3700	Neg.	55.6	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	
Vented						Don Weaver	

35. LIST OF ATTACHMENTS	
Deviation Survey	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	
SIGNED	TITLE
<i>Christie Tomlinson</i>	Geol Secty
DATE 8-26-76	

*(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 33.

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.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
SAND			No DST's Taken	San Andres	713'	
				Glorrieta	2010'	
				Abo	4057'	
				Wolfcamp	5219'	
				Cisco	6351'	
				Penn	6501'	
				Lower Canyon	7269'	
				Strawn	7517'	
				Atoka	7905'	
				Morrow Clastics	8183'	
				Chester	8350'	

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AUG 26 1976
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

NEW MEXICO OIL CONSERVATION COMMISSION

OPERATOR Yates Petroleum Corporation ADDRESS 407 S. 4th Street, Artesia, New Mexico 8821
 FIELD Richard Knob LEASE Federal "GC" WELL NO. 1
 LOCATION 660' FSL and 660' FEL, Section 32, T-17-S, R-25-E, Eddy County, New Mexico

DEVIATION RECORD

<u>DEPTH</u>	<u>DEGREES</u>	<u>DEPTH</u>	<u>DEGREES</u>
275	1/2	5069	1-1/4
793	1/2	5570	1-1/2
1110	1-3/4	5750	1-1/4
1342	1-1/4	6260	1
1693	1-1/4	6762	1-1/4
2124	1-1/2	7292	1
2626	1	7479	1-1/4
3099	1-1/4	7805	1-1/4
3565	1-1/4	8255	1-1/4
4060	1-1/4	8400	2-1/4
4566	3/4		

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