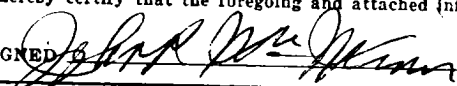


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other 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						7. UNIT AGREEMENT NAME					
Fred G. Yates, Inc.						Tomahawk Federal					
3. ADDRESS OF OPERATOR						9. WELL NO.					
Sunwest Centre, Suite 919, Roswell, N.M. 88201						1					
4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations)						10. FIELD AND POOL, OR WILDCAT					
At surface						Tomahawk					
1980' FNL & 330' FWL						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA					
At top prod. interval reported below						Sec. 6, T-8S, R-32E					
At total depth											
14. PERMIT NO.						DATE ISSUED					
15. DATE SPUDDED		16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*		19. ELEV. CASINGHEAD			
12/14/83		12/24/83		1/9/84		4420' GR		4420' GR			
20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY		ROTARY TOOLS			
4240'		4197'						CABLE TOOLS			
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*								25. WAS DIRECTIONAL SURVEY MADE			
4030' - 4124' San Andres								NO			
26. TYPE ELECTRIC AND OTHER LOGS RUN								27. WAS WELL CORED			
Schlumberger: Dual-Laterolog, Compensated Neutron, Gamma Ray Cmt Bond								NO			
28. CASING RECORD (Report all strings set in well)											
CASINO SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
8 5/8"		24#		1701'		12 1/4"		600 sxs C1 "C"		NONE	
4 1/2"		10.5#		4232'		7 7/8"		275 sxs Lite & 200 50/50 POZ		NONE	
29. LINER RECORD										30. TUBING RECORD	
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE	
										2 3/8"	
										4163'	
										NONE	
31. PERFORATION RECORD (Interval, size and number)										32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
4030-38 1 shot/ft; 8 shots										DEPTH INTERVAL (MD)	
4091, 93, 94, 96, 98; 4101-05, 4112, 14,										AMOUNT AND KIND OF MATERIAL USED	
16, 17, 19, 21, 23 & 24; 18 shots										Acid Job #1	
										" " #2	
										" " #3	
										4030-38 1000 gals	
										4091-4124 2500 gals	
										4030-4124 8000 gals	
33.* PRODUCTION											
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)						WELL STATUS (Producing or shut-in)			
1/1/84		Rod Pumps						Producing			
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD		OIL—BBL.		GAS—MCF.	
1/24/84		24		---		---		62		TSTM	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.		GAS—MCF.		WATER—BBL.	
Pump		Open to flowline		---		62		63		63	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)										OIL GRAVITY-API (CORR.)	
Insufficient to Market; vented										25.2°	
35. LIST OF ATTACHMENTS										TEST WITNESSED BY	
										John R. McMinn & Gene Poteet	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records											
SIGNED: 										TITLE: Engineer	
										DATE: 1/31/84	

*(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.), formations 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.
San Andres	4030'	4038'	Dolomite, finely crystalline small vugular spaces
San Andres	4091'	4098'	Dolomite, finely crystalline, pin point porosity, oil stained
San Andres	4101'	4105'	Dolomite, finely crystalline, sucrosic
San Andres	4112'	4123'	Dolomite, finely crystalline, sucrosic, same fractures

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Rustler Anhy.	1677'	Same
Salt	1730'	"
Yates	2138'	"
Queen	2810'	"
San Andres	3297'	"

RECEIVED
FEB 27 1984
D.C.D.
HOBBS OFFICE