

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-  
structions on  
reverse side)copy to SF  
Form approved.  
Budget Bureau No. 42-R355.5.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL:		OIL WELL <input checked="" type="checkbox"/>		GAS WELL <input type="checkbox"/>		DRY <input type="checkbox"/>		RECEIVED							
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>		WORK OVER <input type="checkbox"/>		DEEP-EN <input type="checkbox"/>		PLUG BACK <input type="checkbox"/>		DIFF. RESVR. <input type="checkbox"/>		Other			
2. NAME OF OPERATOR Yates Petroleum Corporation												AUG 29 1977			
3. ADDRESS OF OPERATOR 207 South 4th Street - Artesia, NM												O. C. C. OFFICE			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 330' FNL & 1650' FEL of Section 31-6S-26E At top prod. interval reported below At total depth												14. PERMIT NO.		DATE ISSUED	
15. DATE SPUDDED 5-20-77		16. DATE T.D. REACHED 6-16-77		17. DATE COMPL. (Ready to prod.) 7-13-77		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3670' GR		19. ELEV. CASINGHEAD							
20. TOTAL DEPTH, MD & TVD 1154'		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS		ROTARY TOOLS		CABLE TOOLS					
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD & TVD) 984-1021' San Andres										25. WAS DIRECTIONAL SURVEY MADE No					
26. TYPE ELECTRIC AND OTHER LOGS RUN DLL, BHC, SNP										27. WAS WELL CORED Yes					
28. CASING RECORD (Report all casing)															
CASINO SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED					
8-5/8"		20# X-42		257'		12 1/4"		150 sacks							
5 1/2"		11.6#		1154'		6 1/4"		200 sacks							
29. LINER RECORD															
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		30. TUBING RECORD					
										SIZE		DEPTH SET (MD)		PACKER SET (MD)	
										2-7/8"		963'			
31. PERFORATION RECORD (Interval, size and number)															
984-998' w/8 .32" shots 1002-21 1/2" w/12 .32" shots															
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.															
DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED															
984-998 w/500g 15% DS-30 acid															
1002-21 1/2 400g 15% DS-30 acid															
984-1021 1/2 1600g 15% DS-30 acid, 60000g trtd wtr & 95000# sand															
33. PRODUCTION															
DATE FIRST PRODUCTION 7-13-77		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping								WELL STATUS (Producing or shut-in) Producing					
DATE OF TEST 8-19-77		HOURS TESTED 24		CHOKE SIZE -		PROD'N. FOR TEST PERIOD →		OIL—BBL. 28		GAS—MCF. 20		WATER—BBL. 12		GAS-OIL RATIO 714/1	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE →		OIL—BBL. 28		GAS—MCF. 20		WATER—BBL. 12		OIL GRAVITY-API (CORR.)			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented												TEST WITNESSED BY Johnny Morgan			
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 Christie Johnson		TITLE Geol. Secty								DATE 8-24-77					

\*(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.						
			<div>38. GEOLOGIC MARKERS</div> <table border="1"> <thead> <tr> <th>NAME</th> <th>MEAS. DEPTH</th> <th>TRUE VERT. DEPTH</th> </tr> </thead> <tbody> <tr> <td>San Andres</td> <td>649</td> <td></td> </tr> </tbody> </table>	NAME	MEAS. DEPTH	TRUE VERT. DEPTH	San Andres	649	
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