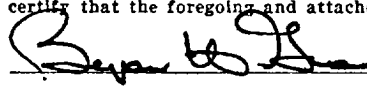


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions 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 ☐				5. LEASE DESIGNATION AND SERIAL NO. NM-16369							
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐				6. IF INDIAN, ALLOTTEE OR TRIBE NAME							
2. NAME OF OPERATOR Flag-Redfern Oil Company				7. UNIT AGREEMENT NAME							
3. ADDRESS OF OPERATOR P. O. Box 23, Midland, Texas 79701				8. FARM OR LEASE NAME Yates Federal '69							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FWL & 1980' FSL At top prod. interval reported below Same At total depth Same				9. WELL NO. 2							
14. PERMIT NO.				DATE ISSUED							
10. FIELD AND POOL, OR WILDCAT Sawyer (San Andres) West				11. SEC. T. R. M., OR BLOCK AND SURVEY OF AREA Sec. 23, T-9 S, R-37-E							
12. COUNTY OR PARISH Lea				13. STATE New Mexico							
15. DATE SPUDDED 8-30-75		16. DATE T.D. REACHED 9-9-75		17. DATE COMPL. (Ready to prod.) 9-22-75		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3985' DF		19. ELEV. CASINGHEAD 3975'			
20. TOTAL DEPTH, MD & TVD 5060'		21. PLUG, BACK T.D., MD & TVD 5043'		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4966-5043' (San Andres)			
26. TYPE ELECTRIC AND OTHER LOGS RUN Sidewall Neutron Porosity - Schlumberger				27. WAS WELL CORED No				25. WAS DIRECTIONAL SURVEY MADE No			
28. CASING RECORD (Report all strings set in well)											
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
8-5/8"		24# J-55		392'		12-1/4"		250 sx Class "C", 2% CaCl			
4-1/2"		10.50# H-40		5060'		7-7/8"		250 sx 50-50 Pozmix, 2% gel, 3/4% CFR-2, 8 lbs salt/sack			
29. LINER RECORD										30. TUBING RECORD	
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE	
										2-3/8"	
31. PERFORATION RECORD (Interval, size and number) 2 shots/ft: 4966-73', 4980-86', 5012-14', 5019-23', 5039-43'.										32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)						AMOUNT AND KIND OF MATERIAL USED					
4966-4986'						2500 gals 20%, 2500 gals 15%, 500 gals Xylene, 300# benzoic acid flakes & mothballs					
5012-5043'						2500 gals 20%, 2500 gals 15%, 500 gals Xylene, 350# benzoic acid flakes & mothballs					
33.* PRODUCTION											
DATE FIRST PRODUCTION 9-22-75		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping - 2" X 1 1/2" X 14' Insert								WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 10-2-75		HOURS TESTED 24		CHOKE SIZE -		PROD'N. FOR TEST PERIOD 61.8		OIL—BBL. 21		GAS—MCF. 36	
FLOW, TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE 61.8		OIL—BBL. 21		GAS—MCF. 36		WATER—BBL. 20.6	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented										TEST WITNESSED BY	
35. LIST OF ATTACHMENTS Well log & deviation survey											
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.											
SIGNED  TITLE Production Manager										DATE 10-8-75	

*(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.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
San Andres	4966'	5043'	Oil, Gas, Water	Yates	2946	2946
				San Andres	4217	4217
				P1 Zone	4802	4802
				Porosity	4956	4956

September 10, 1975

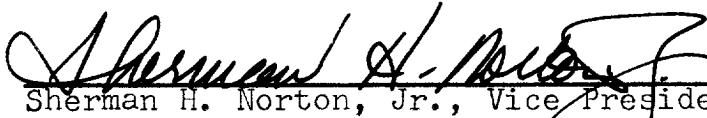
Deviation surveys taken on Flag-Redfern's Yates-Federal "69" #2,
Section 23, T-9-S, R-37-E, Lea County, New Mexico.

<u>Depth</u>	<u>Degree</u>
392	1/2
881	1/2
1383	1/2
1887	3/4
2087	3/4
2363	1
2850	1
3345	1/2
3844	1/4
4215	1
4709	3/4
5055	1

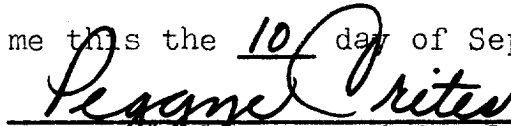
I hereby certify that I have personal knowledge of the data and facts placed on this sheet, and that such information given above is true and complete.


Sherman H. Norton, Jr., Vice President
Sitton and Norton Drilling Company

Before me, the undersigned authority, on this day personally appeared Sherman H. Norton, Jr., known to me to be the person whose name is subscribed hereto, who, after being duly sworn, on oath states that he is the drilling contractor of the well identified in this instrument and such well was not intentionally deviated from the vertical whatsoever.


Sherman H. Norton, Jr., Vice President

Sworn and Subscribed to before me this the 10 day of September, 1975.


Peggye Brites
Notary Public in and for Lubbock
County, Texas.