

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 1874' FWL & 766' FSL Section 23, T-9-S, R-37-E At top prod. interval reported below Same At total depth Same		9. WELL NO. 1	
14. PERMIT NO.		13. STATE New Mexico	
15. DATE SPUDDED 3-20-73		19. ELEV. CASINGHEAD 3964'	
16. DATE T.D. REACHED 3-29-73		18. ELEVATIONS (DF, R&B, RT, GR, ETC.) * 3964' GR	
17. DATE COMPL. (Ready to prod.) 4-5-73		20. TOTAL DEPTH, MD & TVD 5072'	
21. PLUG, BACK T.D., MD & TVD 5047'		22. IF MULTIPLE COMPL., HOW MANY * -	
23. INTERVALS DRILLED BY 0-TD		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) * San Andres TOP - 4975 Bottom - 4997	
25. TYPE ELECTRIC AND OTHER LOGS RUN Sidewall Neutron Porosity - Laterolog		26. WAS WELL CORED No	
27. WAS DIRECTIONAL SURVEY MADE No			
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8 5/8	24 J-55	398	12 1/4
4 1/2	9.5 J-55	5071	7 7/8
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 3/8	5006	None	
31. PERFORATION RECORD (Interval, size and number)			
4975, 79, 82, 86, 87, 89, 92, 93, 97 9 - 3/8" selectfire jets.			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED*	
4975 to 4997		2000 gal 20% DS-30, XR-2 - 3000 gal 15% DS-30, XR-2 - 2000 gal 3% N.E. Acid	
33. PRODUCTION			
DATE FIRST PRODUCTION 4-6-73		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping 2" X 1 1/2" X 12"	
DATE OF TEST 4-10-73		WELL STATUS (Producing or shut-in) Producing	
HOURS TESTED 24	CHOKE SIZE -	PROD'N. FOR TEST PERIOD 80	OIL—BBL. 14.9
FLOW. TUBING PRESS. -	CASING PRESSURE -	WATER—BBL. 43	GAS—MCF. 186
CALCULATED 24-HOUR RATE 80		OIL GRAVITY-API (CORR.) 24.1	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented & used for fuel			
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 Eugene V. Prietz		TITLE Petroleum Engineer	
DATE 4-10-73			

*(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: "Nucleus 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, GUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION		TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		38. GEOLOGIC MARKERS	
						NAME	MEAS. DEPTH
San Andres		4975	4997	Oil, gas, water		Yates San Andres	TRUE VERT. DEPTH