

N. M. O. C. C. CORP

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. 15677	
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 Hahn-Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FSL & 660' FEL At top prod. interval reported below At total depth Same Same		9. WELL NO. 3	
14. PERMIT NO.		DATE ISSUED	
15. DATE SPUDDED 10-20-75		16. DATE T.D. REACHED 10-30-75	
17. DATE COMPL. (Ready to prod.) 11-11-75		18. ELEVATIONS (DF, R&B, RT, GR, ETC.)* 4371' K.B.	
19. ELEV. CASINGHEAD 4360'		10. FIELD AND POOL, OR WILDCAT Tom-Tom (San Andres)	
20. TOTAL DEPTH, MD & TVD 4106'		11. SEC. T. R. M., OR BLOCK AND SURVEY OR AREA Sec. 27, T-7-S, R-31-E	
21. PLUG, BACK T.D., MD & TVD 4087'		12. COUNTY OR PARISH Chaves	
22. IF MULTIPLE COMPL., HOW MANY*		13. STATE New Mexico	
23. INTERVALS DRILLED BY 0 - T.D.		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3957-4017' (San Andres)	
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN Schlumberger - Sidewall Neutron Porosity & Dual Laterolog	
27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)	
CASING SIZE		WEIGHT, LB./FT.	
8-5/8"		24#	
4-1/2"		10.50#	
DEPTH SET (MD)		HOLE SIZE	
426'		12-1/4"	
4104'		7-7/8"	
CEMENTING RECORD		AMOUNT PULLED	
250 sx Cl "C", 2% CaCl		-	
250 sx Cl "C" Poz, 2% gel,		-	
3/4% CFR-2, 8# salt per sk		-	
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"		4067'	
31. PERFORATION RECORD (Interval, size and number) 3957-4017', 0.48, 20		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
3957-4017'		5000 gals 20% NE acid	
33. PRODUCTION		DATE FIRST PRODUCTION 11-11-75	
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping - 2" X 1 1/2" X 12' Insert		WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 12-2-75		HOURS TESTED 24	
CHOKE SIZE -		PROD'N. FOR TEST PERIOD 14	
OIL—BBL. 6.1		GAS—MCF. 8	
WATER—BBL. 436		GAS-OIL RATIO 23.2°	
FLOW. TUBING PRESS. -		CASING PRESSURE -	
CALCULATED 24-HOUR RATE 14		OIL—BBL. 6.1	
GAS—MCF. 8		WATER—BBL. 23.2°	
OIL GRAVITY-API (CORR.)		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented	
TEST WITNESSED BY		35. LIST OF ATTACHMENTS Well logs & deviation survey	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		SIGNED Boya W. [Signature] TITLE Production Manager DATE 12-10-75	

*(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 POROSITY ZONES:

SHOW ALL INTERVAL 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
San Andres	3957	4017'	Oil, Gas, Water	Yates	2019	2019
				San Andres	3169	3169
				P1 Zone	3714	3714
				P2 Porosity	3946	3946

RECEIVED

DEC 18 1975

O. C. C.
ARTESIA, OFFICE