

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: OH. WELL ☒ GAS WELL ☐ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. NM-0103893	
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 Allied 93	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FSL & 660' FWL, Sec. 24, T-9-S, R-37-E 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 Undesignated	
15. DATE SPUDDED 11-15-73		11. SEC., T. R., M., OR BLOCK AND SURVEY OR AREA Sec. 24, T-9-S, R-37-E	
16. DATE T.D. REACHED 11-24-73		12. COUNTY OR PARISH Lea	
17. DATE COMPL. (Ready to prod.) 12-11-73		13. STATE New Mexico	
18. ELEVATIONS (DF, R&B, RT, GR, ETC.)* 3979' D.F.		19. ELEV. CASINGHEAD 3969'	
20. TOTAL DEPTH, MD & TVD 5069'		21. PLUG, BACK T.D., MD & TVD 5062'	
22. IF MULTIPLE COMPL., HOW MANY* _____		23. INTERVALS DRILLED BY _____	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* San Andres 4988-5052'		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Schlumberger Sidewall Neutron & Dual Laterolog		27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8-5/8"	24#	392'	12 1/4"
4-1/2"	9.5#	5069'	7-7/8"
CEMENTING RECORD		AMOUNT PULLED	
250 sx Class H, 2% CaCl ₂		0	
250 sx Type H-Poz, 2% gel		0	
0.75% CFR-2, 8# salt/sack			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD		PACKER SET (MD)	
SIZE	DEPTH SET (MD)		
2-3/8"	5052'		
31. PERFORATION RECORD (Interval, size and number)			
4988, 90, 92, 94, 96, 5000, 04, 06, 09, 13, 15, 31, 33, 35, 40, 42, 46, 48, 50, 52'.			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED*	
4988-5052'		4000 gals 20%, 4000 gals 15%, 4000 gals 3% NE	
33.* PRODUCTION			
DATE FIRST PRODUCTION 12-11-73		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 12-17-73	HOURS TESTED 24	CHOKE SIZE -	PROD'N. FOR TEST PERIOD
43	18	39	461
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL. 43
			GAS—MCF. 18
			WATER—BBL. 39
			OIL GRAVITY-API (CORR.) 19.2°
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold			
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 <u>Bryan H. Green</u>		TITLE Production Manager	
DATE 12-19-73			

*(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: "Stacks 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		MEAS. DEPTH		TRUE VERT. DEPTH
					NAME				
San Andres	4988	5052	Oil, Gas & Water		Yates		2947	2947	
					San Andres		4221	4221	

November 27, 1973

Deviation surveys taken on Flag-Redfern Oil Company's Allied 93 #2, Section 24, T-9-S, R-37-E, Lea County, New Mexico.

<u>Depth</u>	<u>Degree</u>
397	1/4
872	1/4
1360	1/2
1824	1/2
2305	1/4
2804	1/4
3233	1 1/4
3733	1 1/4
4007	1 1/2
4333	1 1/2
4591	1 1/4
4802	1
5070	3/4

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.
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 that such well was not intentionally deviated from the vertical whatsoever.


Sherman H. Norton, Jr.

Sworn and Subscribed to before me, this the 27 day of November, 1973.


Peggy Crites
Notary Public in and for Lubbock
County, Texas.