

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: ☒ OIL 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' FWL & 2080' FSL At top prod. interval reported below At total depth Same Same		9. WELL NO. 3	
14. PERMIT NO.		DATE ISSUED	
15. DATE SPUDDED 3-7-74		16. DATE T.D. REACHED 3-16-74	
17. DATE COMPL. (Ready to prod.) 3-27-74		18. ELEVATIONS (DF, R&B, RT, GR, ETC.)* 3980' D.F.	
19. ELEV. CASINGHEAD 3970'		20. TOTAL DEPTH, MD & TVD 5055'	
21. PLUG, BACK T.D., MD & TVD 5039'		22. IF MULTIPLE COMPL., HOW MANY* -	
23. INTERVALS DRILLED BY 0 - T.D.		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4980 - 90' & 5016 - 26', San Andres	
25. TYPE ELECTRIC AND OTHER LOGS RUN Schlumberger Sidewall Neutron & Dual Laterolog		26. WAS DIRECTIONAL SURVEY MADE No	
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"	20#	416'	12-1/4"
4-1/2"	9.5#	5055'	7-7/8"
CEMENTING RECORD		AMOUNT—PULLED	
250 sx Class "C", 2% CaCl			
250 sx 50-50 Poz, 2% Gel,			
3/4% CFR-2, 8# salt/sk			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING—RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2-3/8"	5030'		
31. PERFORATION RECORD (Interval, size and number)			
4980-90' & 5016-26' (1 shot/ft.)			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
4980-5026'		2000 gals 20% , 2000 gals 15%, 2000 gals 3% NE acid	
33.* PRODUCTION			
DATE FIRST PRODUCTION 3-27-74	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 4-2-74	HOURS TESTED 24	CHOKE SIZE -	PROD'N. FOR TEST PERIOD 63.6
OIL—BBL.		GAS—MCF.	
63.6		37.8	
WATER—BBL.		GAS-OIL RATIO	
25		594	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL GRAVITY-API (CORR.)
-	-	63.6	22.2°
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 Superior		TITLE Production Manager	
DATE April 3, 1974			

*(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.

Item 29: "Seals Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. Should be listed on this form, see item 33.

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: "Seals Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. Should be listed on this form, see item 33.

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

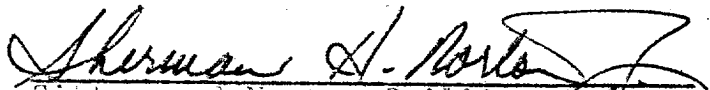
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
San Andres	4980	5026	Oil, Gas, Water	San Andres Pi	4817	4817
				San Andres Porosity	4976	4976

March 18, 1974

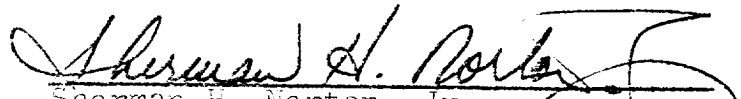
Deviation surveys taken on Flag-Redfern Oil Company's Allied 93 #3, Section 24, T-9-S, R-37-E, Lea County, New Mexico.

<u>Depth</u>	<u>Degree</u>
416	1/4
890	1/2
1354	1/2
1830	3/4
2352	1
2852	1
3641	1 1/4
4155	1 1/2
4410	1 1/4
4811	1
4936	1
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.
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 18 day of March, 1974.


Notary Public in and for Lubbock
County, Texas.