

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 ☐

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

2. NAME OF OPERATOR

Flag-Redfern Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 23, Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1980' FWL & 660' FSL

At top prod. interval reported below

Same

At total depth

Same

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

10-17-77

16. DATE T.D. REACHED

10-26-77

17. DATE COMPL. (Ready to prod.)

11-3-77

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

4100'

21. PLUG, BACK T.D., MD & TVD

4074'

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)*

Top 3957', Bottom 4032' (San Andres)

26. TYPE ELECTRIC AND OTHER LOGS RUN

Sidewall Neutron Porosity & Laterolog

29. 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	415'	12-1/4"	250 sx Cl "C", 2% CaCl	None
4-1/2"	9.5	4100'	7-7/8"	250 sx Cl "H"-Poz "A", 2% gel, 0.75% CFR-2, 8# salt	None
Stage collar at 2079' - Cmt'd w/ 650 sx Hal Lite, 4 lb salt, 0.75% CFR-2					

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	4056'	

31. PERFORATION RECORD (Interval, size and number)

1 - 0.38" jet shot per interval
3957, 62, 63, 64, 82, 85, 96, 97, 98,
4003, 13, 15, 16, 19, 23, 27, 28, 31,
32 (19 holes)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3957-4032'	2000 gals 20% HCl

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
11-3-77		Pumping - Insert 2" X 1½" X 12'					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
11-23-77	24	-	→	47	24	5	511	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
-	-	→	47	24	5	22.7°		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Fuel & 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 Byron H. Mearns TITLE Production ManagerDATE 11-23-77

*(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
San Andres	3057'	4032'	Oil, Gas H ₂ O	Yates San Andres P1 Zone Porosity	2050' 3170' 3721' 3956'
					TRUE VERT. DEPTH
					2050' 3170' 3721' 3956'

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LFC 21977

OIL CONSERVATION COMM.
HOBBS, N. M.

Inclination Report

Well Name and No. *Federal #1*

Date	Total Depth	Depth of TOTCO	Dropped Run on Line	Reading	Driller's Signature
02-18	415	415	Drop	1/4	F.S. Francis
02-19	878	838	R.O.L.	1/4	R.W. Kunkauf
02-19	1382	1342	R.O.L.	1/4	R.W. Kunkauf
02-19-77	1854	1814	Drop	3/4	J.D. Harnes
02-20-77	2075	2035	Drop	1/4	J.D. Harnes
02-20	2546	2506	R.O.L.	1/10	R.W. Kunkauf
02-20	2918	2884	Drop	1	R.W. Kunkauf
02-21-77	3365	3325	R.O.L.	3/4	J.D. Harnes
02-21-77	3825	3825	R.O.L.	3/10	J.D. Harnes
02-24-77	4025	4016	Drop	1/10	J.D. Harnes
02-25-77	4100	4060	Drop	3/4	J.D. Harnes

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NOV 28 1977

NOV 2 1964
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

The above signed representatives do certify that they have personal knowledge of the facts placed on this form and the facts given above are true and complete.

Cool Pusher's Signature

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DEC 21 1977
OIL CONSERVATION COMM.
HOBBS, N. M.

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NOV 29 1977

O. C. C.
ARTESIA, OFFICE

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