

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

Form C-135
Revised 11-1-78

5a. Indicate Type of Lease
State ☐ Fee ☒

5. State Oil & Gas Lease No.

13. TYPE OF WELL

b. TYPE OF COMPLETION

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

2. Name of Operator
Flag-Redfern Oil Company

3. Address of Operator
P.O. Box 2280 Midland, Texas 79702

4. Location of Well

UNIT LETTER **M** LOCATED **660'** FEET FROM THE **South** LINE AND **660** FEET FROM THE **West** LINE OF SEC. **24** TWP. **7-S** RGE. **31-E**

15. Date Spudded **7-8-80** 16. Date T.D. Reached **7-16-80** 17. Date Compl. (Ready to Prod.) **7-23-80** 18. Elevations (DF, RKB, RT, GR, etc.) **4383 GL** 19. Elev. Casinghead **4384**

20. Total Depth **4160** 21. Plug Back T.D. **4132** 22. If Multiple Compl., How Many **4383 GL** 23. Intervals Drilled By **Rotary Tools** Cable Tools **4384**

24. Producing Interval(s), of this completion - Top, Bottom, Name
4005-4051 San Andres

25. Was Directional Survey Made **No**

26. Type Electric and Other Logs Run
Sidewall Neutron Porosity Log

27. Was Well Cored **NO**

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./ FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	23#	1656	12-1/4	525 sx Hall Lite & 200 sx Cl "C"	None
4-1/2"	9.5#	4159	7-7/8	250 sx 50-50 Poz A	None

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8	4056	None

31. Perforation Record (Interval, size and number)
4005-4051 0.44 20 holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4005-4051	6000 gals 20% NE

33. PRODUCTION

Date First Production **7-19-80** Production Method (Flowing, gas lift, pumping - Size and type pump) **Pumping** Well Status (Prod. or Shut-in) **Producing**

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
7-30-80	24	-		74	17	15	230

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)
-	-		74	17	15	23.7

34. Disposition of Gas (Sold, used for fuel, vented, etc.) **Vented** Test Witnessed By

35. List of Attachments
SNP Log - deviation survey

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED [Signature] TITLE **Drilling Superintendent** DATE **July 31, 1980**

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 30 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radioactivity logs run in the well and a summary of all special tests conducted, including infiltration tests. All to be reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 20 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See rule 116.5.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy <u>1650</u>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Fictured Cliffs _____	T. Penn. "D" _____
T. Yates <u>2070</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>2570</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>3200</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. <u>Pi Marker 3763</u>
T. Blinbry _____	T. Gr. Wash _____	T. Morrison _____	T. <u>SA Porosity 4003</u>
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from <u>4005</u> to <u>4051</u>	No. 4, from _____ to _____
No. 2, from _____ to _____	No. 5, from _____ to _____
No. 3, from _____ to _____	No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____	feet. _____
No. 2, from _____ to _____	feet. _____
No. 3, from _____ to _____	feet. _____
No. 4, from _____ to _____	feet. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1650	1650	Redbeds				
1650	1712	62	Anhydrite				
1712	2115	403	Salt				
2115	2570	455	Yates-7-Rivers				
2570	3200	630	Queen				
3200	4160	960	San Andres				

RECEIVED

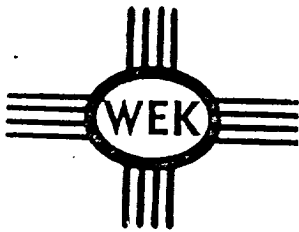
RECEIVED

AUG 4 1980

AUG 6 1980

OIL CONSERVATION DIV.

OIL CONSERVATION DIV.



KENNETH D. REYNOLDS - ARTESIA
LESLIE K. EVERTSON - ROSWELL

DRILLING CO., INC. - OIL WELL DRILLING CONTRACTORS

P. O. Box 2055 ROSWELL, NEW MEXICO 88201
TELEPHONES: ARTESIA 505/746-6757
ROSWELL 505/623-5070

JJR
JHI
GSB
RMG
ENG
GEO
L&L
ACCT.

July 21, 1980

JUL 22 1980

Flag Redfern Oil Company
1200 Wall Tower West
Midland, Texas 79701

Re: Nuckols 24 #1

Gentlemen:

The following is a Deviation Survey of the above well located in Roosevelt County, New Mexico.

494' - 1/2°
982' - 3/4°
1343' - 3/4°
1656' - 3/4°
2137' - 1°

2603' - 1 1/4°
2935' - 1 1/4°
3131' - 1 1/4°
3234' - 1°
3715' - 1°
4160' - 1° T.D.

Yours very truly,

WEK DRILLING CO., INC.

Arnold Newkirk

Arnold Newkirk

STATE OF NEW MEXICO)
COUNTY OF CHAVES)

The foregoing was acknowledged before me this 21st day of July, 1980 by Arnold Newkirk.

My Commission Expires:

April 10, 1984

Glenda Bea Newton
Notary Public