

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

5a. Indicate Type of Lease

State ☐ Fee ☒

5. State Oil & Gas Lease No.

204242

7. Unit Agreement Name

8. Farm or Lease Name

Nuckols "24"

9. Well No.

2

10. Field and Pool, or Wildcat

Tom-Tom San Andres

12. County

Chaves

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

1a. TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. TYPE OF COMPLETION

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, TX 79702

4. Location of Well

UNIT LETTER N LOCATED 660' FEET FROM THE South LINE AND 1980 FEET FROM

THE West LINE OF SEC. 24 TWP. 7-S RGE. 31-E NMPM

15. Date Spudded

3-9-81

16. Date T.D. Reached

3-16-81

17. Date Compl. (Ready to Prod.)

4-20-81

18. Elevations (DF, RKB, RT, GR, etc.)

4378 GL

19. Elev. Casinghead

4378

20. Total Depth

4160'

21. Plug Back T.D.

4140

22. If Multiple Compl., How Many

Many

23. Intervals Drilled By

Rotary Tools

0-TD

Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name

4008-4056, San Andres

25. Was Directional Survey Made

NO

26. Type Electric and Other Logs Run

CNL-GR-CCL

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 & 24#/ft	1650	12 1/4	550 sx Hall. Lite, 1/4# Fl	cece
				8# Salt, 200 Sx Cl C 2% CaCl	
4 1/2"	10.5#	4160'	7 7/8	300 sx 50-50 Poz H, 2% gel	
				.75% CFR-2, 8# salt	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8	3984	None

30. TUBING RECORD

31. Perforation Record (Interval, size and number)

Total of 22 holes, 4008-4056

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4008-4056	6000 gals 20% NE Acid.

33. PRODUCTION

Date First Production 4-12-81		Production Method (Flowing, gas lift, pumping - Size and type pump) Pump 2" x 1½" x 12' Insert Pump					Well Status (Prod. or Shut-in) Prod.	
Date of Test 4-20-81	Hours Tested 24	Choke Size --	Prod'n. For Test Period →	Oil - Bbl. 60	Gas - MCF 23	Water - Bbl. 1	Gas - Oil Ratio 383	
Flow Tubing Press. -----	Casing Pressure -----	Calculated 24- Hour Rate →	Oil - Bbl. 60	Gas - MCF 23	Water - Bbl. 1	Oil Gravity - API (Corr.) 23.7		

34. Disposition of Gas (Sold, used for fuel, vented, etc.)

Vented

Test Witnessed By

Mr. R.A. Cox

35. List of Attachments

CNL-GR-CCL Log, Deviation Affidavit

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 J. C. Scherer

TITLE Engineer

DATE 4-21-81

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 30 through 34 shall be reported for each zone. The term is to be filled in quadruplicate except on state land, where only one quadruplicate is required. See Rule 1105.

QUADRUPATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Northwestern New Mexico

Southeastern New Mexico

T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
T. Salt	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Cliff House	T. Leadville
T. 7 Rivers	T. Menefee	T. Madison
T. Queen	T. Point Lookout	T. Elbert
T. Grayburg	T. Mancos	T. McCracken
T. San Andres	T. Gallup	T. Ignacio Ortiz
T. Morieta	T. McKee	T. Base Greenhorn
T. Padlock	T. Ellenburger	T. Dakota
T. Blinberry	T. Gr. Wash	T. Morrison
T. Tubb	T. Granite	T. Todillo
T. Drinkard	T. Delaware Sand	T. Entrada
T. Abo	T. Bone Springs	T. Wingate
T. Wolfcamp	T. Chinle	T. Permian
T. Penn.	T. Penn. "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from	4008	to	4056	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	feet	to	feet
No. 2, from	feet	to	feet
No. 3, from	feet	to	feet
No. 4, from	feet	to	feet

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1410	1410	Redbed & Surface Rock				
1410	1660	150	Anhydrite				
1660	2705	1045	Salt				
2705	4160	950	San Andres				
4160	4210	50					



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

March 20, 1981

Flag Redfern Oil Company
P.O. Box 2280
Midland, Texas 79702

Re: Nuckols 24 #2

Gentlemen:

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

491' - 1/2°
916' - 1/2°
1434' - 1/2°
1920' - 3/4°
2400' - 3/4°

2897' - 3/4°
3235' - 3/4°
3422' - 1/2°
3921' - 1/2°
4160' - 1/2° 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 20th day of MARCH, 1981 by Arnold Newkirk.

My Commission Expires:

1/12/85

Betty Ann Rogers
Notary Public