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LAND OFFICE	
OPERATOR	

Form C-105
Revised 1-1-65

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.

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 23, Midland, Texas 79701

4. Location of Well

UNIT LETTER E LOCATED 330 FEET FROM THE West LINE AND 2310 FEET FROM

THE North LINE OF SEC. 35 TWP. 10S RGE. 36E NMPM

15. Date Spudded 10-11-76 16. Date T.D. Reached 10-24-76 17. Date Compl. (Ready to Prod.) 11-19-76

18. Elevations (DF, RKB, RT, GR, etc.) 3991' GR 19. Elev. Casinghead 3991'

20. Total Depth 4985' 21. Plug Back T.D. 4983' 22. If Multiple Compl., How Many No 23. Intervals Drilled By Rotary Tools 0 - T.D. Cable Tools

24. Producing interval(s), of this completion — Top, Bottom, Name

4950-4985' (San Andres)

25. Was Directional Survey Made

No

26. Type Electric and Other Logs Run

Sidewall Neutron Porosity

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"	24#	360'	12-1/4"	250 sx	None
4-1/2"	9.5#	4985'	7-7/8"	250 sx	None
Stage Collar		2260'		550 sx	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET

31. Perforation Record (Interval, size and number)

4953-54, 58-61, 64-65, 67-68, 70-71, 73-76, 80-82, 0.44", 24 holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
<u>4953-4982'</u>	<u>8000 gals 20% acid</u>

33. PRODUCTION

Date First Production 11-19-76		Production Method (Flowing, gas lift, pumping – Size and type pump) Pumping 2" X 1½" X 12' Insert pump				Well Status (Prod. or Shut-in) Producing	
Date of Test 11-24-76	Hours Tested 24	Choke Size -	Prod'n. For Test Period → 49	Oil – Bbl. 49	Gas – MCF 20	Water – Bbl. 52	Gas – Oil Ratio 408
Flow Tubing Press. -	Casing Pressure 30	Calculated 24- Hour Rate → 49	Oil – Bbl. 49	Gas – MCF 20	Water – Bbl. 52	Oil Gravity – API (Corr.) 19.5°	

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

Vented

Test Witnessed By

35. List of Attachments

Well logs & 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

John A. [Signature]

TITLE

Petroleum Engineer

DATE

11-24-76

INSTRUCTIONS

This form is to be filled 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 form is to be filled in quadruplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy	2225'	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	2309'	T. Steam	T. Kirtland-Fruitland	T. Penn. "C"
T. Salt	2885'	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	2885'	T. Miss	T. Cliff House	T. Leadville
T. Rivers		T. Devonian	T. Menefee	T. Madison
T. Queen		T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg		T. Montoya	T. Mancos	T. McCracken
T. San Andres	4175'	T. Simpson	T. Gallup	T. Ignacio Ozile
T. Glorieta		T. McKee	T. Base Greenhorn	T. Granite
T. Paddock		T. Ellenburger	T. Dakota	T.
T. Blinberry		T. Gr. Wash	T. Morrison	T.
T. Tubb		T. Granite	T. Todillo	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.

FORMATION RECORD (Attach additional sheets if necessary)

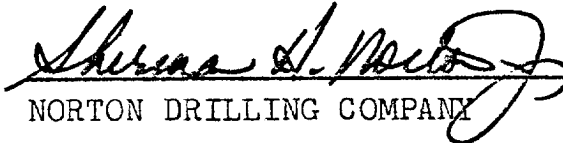
From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
4950	4985	-	San Andres				

October 29, 1976

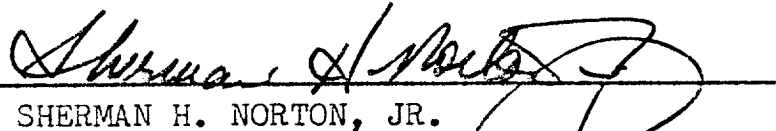
Deviation surveys taken on Flag-Redfern Oil Company's, Santa Fe #3, Section 35, T-10-S, R-36-E, Lea County, New Mexico.

<u>Depth</u>	<u>Degree</u>
360	1/2
1264	1/2
2256	1 1/4
3101	3/4
3530	3/4
3930	1/4
4251	1/4
4468	0
4773	3/4
4985	1

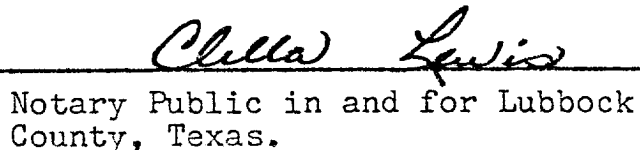
I hereby certify that I have personal knowledge of the data and facts placed on this sheet, and that such information given above is true and complete.


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 29th day of October, 1976.

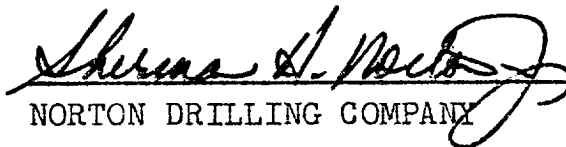

Notary Public in and for Lubbock
County, Texas.

October 29, 1976

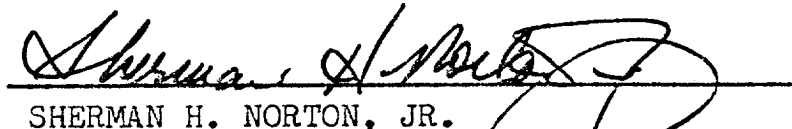
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I hereby certify that I have personal knowledge of the data and facts placed on this sheet, and that such information given above is true and complete.


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 29th day of October, 1976.


Notary Public in and for Lubbock
County, Texas.