

DISTRICT			
SANTA FE			
FILE			
U.S.G.S.			
LAND OFFICE			
OPERATOR			

**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.
LG- 387

RECEIVED

1a. TYPE OF WELL
OIL WELL ☐ GAS WELL ☐ DRY ☒ OTHER AUG 1 1974
b. TYPE OF COMPLETION
NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐
2. Name of Operator **J. D. Sandefer, 111**
O.C.C. ARTESIA, OFFICE

7. Unit Agreement Name
8. Farm or Lease Name
Vaughan- State
9. Well No.
1

3. Address of Operator **300 Bank of Commerce Bldg.
Abilene, Texas 79605**

10. Field and Pool, or Wildcat
Wildcat

4. Location of Well
UNIT LETTER J LOCATED 658 FEET FROM THE West LINE AND 659 FEET FROM THE North LINE OF SEC. 21 TWP. 1-S RGE 26-E NMMP

12. County
DeBaca

15. Date Spudded **16 July 74** 16. Date T.D. Reached **9 Aug 1974** 17. Date Compl. (Ready to Prod.) **P-A 8-11-74** 18. Elevations (DF, RKB, RT, GR, etc.) **3956 GR** 19. Elev. Casinghead
20. Total Depth **5800'** 21. Plug Back T.D.
22. If Multiple Compl., How Many
23. Intervals Drilled By Rotary Tools **0- 5800'** Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name
None 25. Was Directional Survey Made **Yes**

26. Type Electric and Other Logs Run **Compensated Neutron- Formation Density, Dual Laterlog** 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
13 3/8"	54.3#	385'	17"	350 sacks Cl C, 3% CaCl	Circulated
					None
8 5/8"	24#	1186' 756	12 1/2"	530 sacks Cl C, 2% CaCl	Circulated
					None

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET

31. Perforation Record (Interval, size and number)
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

33. PRODUCTION
Date First Production Production Method (Flowing, gas lift, pumping - Size and type pump) Well Status (Prod. or Shut-in)
Date of Test Hours Tested Choke Size Prod'n. For Test Period Oil - Bbl. Gas - MCF Water - Bbl. Gas - Oil Ratio
Flow Tubing Press. Casing Pressure Calculated 24-Hour Rate Oil - Bbl. Gas - MCF Water - Bbl. Oil Gravity - API (Corr.)

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

35. List of Attachments

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 Engineer DATE 12 August 1974

INSTRUCTIONS

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 form is to be filed in quintuplicate 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 _____	T. Canyon <u>5230'</u>	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn <u>5470'</u>	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 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 <u>910'</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta <u>1553'</u>	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb <u>2990'</u>	T. Granite <u>5720'</u>	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo <u>3660'</u>	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp <u>4420'</u>	T. _____	T. Chinle _____	T. _____
T. Penn. <u>5015'</u>	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
0	910	910	Red shale				
910	1553	643	Dolomite & salt with anhydrite				
1553	1655	102	Sand				
1655	3660	2005	Red shale with dolomite stringers				
3660	4420	760	Red shale				
4420	5015	595	Lime and shale				
5015	5470	455	Lime and gray shale				
5470	5720	250	Lime with sand stringers				
5720	5800	80	Granite				
	5800		Total depth				

RECEIVED

J. D. Sandefer III
No. 1 Vaughan-State
Section 21, T-1-S, R-26-E
De Baca County

AUG 13 1974

O. C. C.
ARTESIAN OFFICE

Drill Stem Test and Directional Survey

DST #1 1280 - 1327 San Andres
Opened tool for 15 min. for first flow period. Opened with
a fair blow and decreased.
Shut in for 60 min. for initial shut-in pressure.
Opened tool for 60 min. for second flow period. Fair blow decreased.
Shut in for 120 min. for final shut-in pressure.

Recovery: 150' drilling fluid, no show.

Initial Hydrosdatic Pressure	706 psi
First Flow Initial Pressure	45 psi
First Flow Final Pressure	45 psi
Initial Shut In Pressure	182 psi
Second Flow Initial Pressure	68 psi
Second Flow Final Pressure	91 psi
Final Shut In Pressure	273 psi
Final Hydrostatic Pressure	661 psi

Directional Survey

Depth	Drift
150	1/2°
694	3/4°
958	1°
1327	3/4°
1830	1°
2227	1°
2735	1°
3720	1°
4227	1 1/4°
4714	1 1/4°
5210	1 1/4°
5800	3/4°