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U.S.G.S.

LAND OFFICE

OPERATOR

Form O-105
Revised 10-74NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. Indicate Type of Lease

State ☒Free ☐

2. State Oil & Gas Lease No.

B-2317

3. Well & Location Name

4. Name of Lease Owner

Hale State

5. Well No.

2

6. Field and Pool, or Wildcat

Langlie-Mattix

7. County

Lea

10. TYPE OF WELL

OIL WELL ☒GAS WELL ☐DRY ☐

OTHER

11. TYPE OF COMPLETION

NEW WELL ☒WORK OVER ☐DEEPEN ☐PLUG BACK ☐DIFF. REPAIR ☐

OTHER

12. Name of Operator

Tahoe Oil & Cattle Co.

13. Address of Operator

P. O. Box 3084, Midland, Texas 79701

14. Location of Well

UNIT LETTER H LOCATED 2255 FEET FROM THE North LINE AND 860 FEET FROM

THE East LINE OF SEC. 2 T4P. 25-S RGE. 37-E

15. Date Spudded

1-8-78

16. Date T.D. (Ready to Prod.)

1-16-78

17. Date Comp. (Ready to Prod.)

8-20-78

18. Flowline (DI, RKB, RT, GR, etc.)

3135' GR

19. Elev. Casinghead

3137'

20. Total Depth

3450'

21. Plug Back T.D.

3414'

22. Is Multiple Completion, How Many

N/A

23. Intervals Perforated by

0-3450'

24. Rotary Tools

25. Cable Tools

26. If facing interval, of this completion - Top, Bottom, Name

3060-3255' Langlie Mattix Seven Rivers Queen

27. Was Directional Survey Made

No

28. Type Identifier and Other Log Bar

GR/CDL, Comp. Acoustic Vel., Forxo Guard Log

29. Was Well Cored

No

29. 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#	362'	12-1/4"	300 sx circ	None
4-1/2"	9.5#	3450'	7-7/8"	950 sx circ	None

30. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	306'	None

30. TUBING RECORD

31. Perforation Entries (Interval, size and number)

20 .45" holes @ 3095-97, 3101-30-34-42-51-70-86-89-92-94; 3204-07-16-18-49-55

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3095-3255	4000 gal. 15% acid & 20 balls
3095-3255'	40,000 gal. 100 for CO ₂ & 67,600# sand

32. PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
8-25-78		Flowing				Prod.	
Date of Test	Hours Tested	Choke Size	Flowline Perforated	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas-Oil Ratio
8-25-78	2 hrs.	10/64	None	None	218	none	---
Flow Tubing Press.	Flowing Pressure	Calculated 24-hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
157 psig	150 psig	None	None	2621	None	-----	

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

Sold - El Paso Pipeline

35. Test Witnessed By

West Eng. - Hobbs

35. List of Attachments

GR/CDL, Comp. Acoustic Velocity log, Forxo- Guard Log

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

TITLE

Production Engineer

DATE

1/25/78

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 a single copy. One copy of all observations on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured by this. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 29 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 776	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt 1130	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt 2250	T. Anoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates 2330 (+815)	T. Miss	T. Cliff House	T. Leadville
T. 7-Rivers 1st 2570(+575)	T. Devonian	T. Menefee	T. Madison
T. Queen 3050 (+85)	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg 3350 (-20)	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Qtzite
T. Glorieta	T. McKee	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.

2nd 7-Rivers 2900 (+245)

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....	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	340	340	Red Bed & Surface Rock				
340	550	510	Red Bed & Anhy				
550	1300	450	Red Bed & Salt				
1300	1675	375	Salt & Anhy				
1675	2432	757	Anhy & Salt				
2432	2957	525	Anhy & Dolomite				
2957	3286	329	Dolo & Gyp.				
3286	3380	94	Dolo & Anhy.				
3380	3397	17	Dolo, Anhy & Sand				
3397	3463	66	Dolo & Sand				
3463	3510	47	Dolo & Sand				