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Form C-105
Revised 1-1-65

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

4. Indicate Type of Lease
State ☒ Fee ☐

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

Arco-State

9. Well No.

1

10. Field and Pool, or Wildcat

South Vacuum (Bone Springs)

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

Tamarack Petroleum Company, Inc.

3. Address of Operator

P. O. BOX 2046, Midland, TX 79702

4. Location of Well

UNIT LETTER F LOCATED 1650 FEET FROM THE North LINE AND 1980 FEET FROM

THE West LINE OF SEC. 27 TWP. 18-S RGE. 35E NMPM

12. County

Lea

15. Date Spudded

1/31/85

16. Date T.D. Reached

3/16/85

17. Date Compl. (Ready to Prod.)

3/27/85

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

3898 GR

19. Elev. Casinghead

3900

20. Total Depth

10,300

21. Plug Back T.D.

9358

22. If Multiple Compl., How Many

23. Intervals Drilled By

Rotary Tools

10,300

Cable Tools

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

8863 - 8880 Bone Springs

25. Was Directional Survey Made

No

26. Type Electric and Other Logs Run

CNL - FDC, DILL

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	5450	460	17	175 sks Class C 2% CaCl2	None
8 5/8	24 & 32	3890	11	2000 sks POZ & Class C	None
5 1/2	17	9449	7 7/8	1355 Sks Light & POZ	None

29.

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
None				

30.

TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8	8824	8824

31. Perforation Record (Interval, size and number)

8863 - 8880 .38" 38 Holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
8863 - 8880	4250 gals HCL W/ 165MCF N2

33.

PRODUCTION

Date First Production 3/27/85		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Prod	
Date of Test 4/8/85	Hours Tested 24	Choke Size 16/64	Prod'n. For Test Period →	Oil - Bbl. 178	Gas - MCF 101	Water - Bbl. 0	Gas - Oil Ratio 567
Flow Tubing Press. 230#	Casing Pressure 0	Calculated 24-Hour Rate →	Oil - Bbl. 178	Gas - MCF 101	Water - Bbl. 0	Oil Gravity - API (Corr.) 38.2	

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

Vented waiting on connection

Test Witnessed By

G. Saling

35. List of Attachments

Logs, Deviation record

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

Randy A. McCoy

TITLE

Engineering Manager

DATE

4/9/85

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

T. Anhy 1370
T. Salt 1730
B. Salt 2868
T. Yates 3210
T. 7 Rivers _____
T. Queen 4407
T. Grayburg _____
T. San Andres _____
T. Glorieta _____
T. Paddock _____
T. Blinberry _____
T. Tubb _____
T. Bone Sprgs 6863
T. Abo _____
T. Wolfcamp 9878
T. Penn. _____
T. Cisco (Bough C) _____

T. Canyon _____
T. Strawn _____
T. Atoka _____
T. Miss _____
T. Devonian _____
T. Silurian _____
T. Montoya _____
T. Simpson _____
T. McKee _____
T. Ellenburger _____
T. Gr. Wash _____
T. Granite _____
T. Delaware Sand _____
T. Bone Springs _____
T. _____
T. _____
T. _____

Northwestern New Mexico

T. Ojo Alamo _____
T. Kirtland-Fruitland _____
T. Pictured Cliffs _____
T. Cliff House _____
T. Menefee _____
T. Point Lookout _____
T. Mancos _____
T. Gallup _____
Base Greenhorn _____
T. Dakota _____
T. Morrison _____
T. Todilto _____
T. Entrada _____
T. Wingate _____
T. Chinle _____
T. Permian _____
T. Penn. "A" _____
T. Penn. "B" _____
T. Penn. "C" _____
T. Penn. "D" _____
T. Leadville _____
T. Madison _____
T. Elbert _____
T. McCracken _____
T. Ignacio Qtzte _____
T. Granite _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1370		Red Bed				
1370	1730		Anhydrite				
1730	3025		Salt & Anhydrite				
3025	3360		Lime & Anhydrite & Salt				
3360	4073		Lime & Anhydrite				
4073	4407		Dolomite, Anhydrite & Shale				
4407	5205		Dolomite & Sandstone (SS)				
5205	5950		Limestone, Dol, Shale, SS				
5950	6863		Dol, LS, SS				
6863	8658		Dol, Shale, SS				
8658	9877		SS & Dolomite				
9877	10302		Dol, LS, Shale				

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