

AMENDED

Form C-105
Revised 10-1-78STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTOIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease
State ☒ Fee ☐

5. State Oil & Gas Lease No.
V-642

1. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐

2. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

7. Unit Agreement Name

8. Farm or Lease Name
State "14"

2. Name of Operator
SPENCE ENERGY COMPANY

3. Address of Operator
381 Two Energy Square, 4849 Greenville Ave.
Dallas, Texas 75206

9. Well No. 1
API 30-025-29071

10. Field and Pool, or Wildcat
Undesignated - Morrow

4. Location of Well
UNIT LETTER M LOCATED 330' FEET FROM THE South LINE AND 330' FEET FROM West LINE OF SEC. 14 TWP. 9S RGE. 32E NMPM

12. County
Lea

15. Date Spudded January 18, 1985
16. Date T.D. Reached March 25, 1985
17. Date Compl. (Ready to Prod.) April 28, 1985
18. Elevations (DF, RKB, RT, GR, etc.) 4326' GR

19. Elev. Casinghead
20. Total Depth 11,115'
21. Plug Back T.D. 10,955'
22. If Multiple Compl., How Many NA
23. Intervals Drilled By Rotary Tools Cable Tools
0-11,115'

24. Producing Interval(s), of this completion - Top, Bottom, Name
10,030' - 10,036' Morrow

25. Was Directional Survey Made
No

26. Type Electric and Other Logs Run
Dual Laterolog, Gamma Ray, Density Neutron, Micro Laterolog

27. Was Well Cored
No

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48#	400'	17-1/2"	425 sx	NA
8-5/8"	24# & 32#	3,800'	11"	1100 sx	NA
5-1/2"	17#	11,115'	7-7/8"	125 sx (1st Stage)	NA
				285 sx thru DV @ 10,493'	

LINER RECORD				TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
None					2-7/8"	9979'	9979'

31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
10,030' - 10,036' W/2 SPF		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
11,055' - 11,060' W/2 SPF		11,055-11,060'	500 Gal. 10% MA + 1,000 Gal. 15% HCL
11,066' - 11,068' W/2 SPF		11,055'-11,068'	500 Gal. 15% HCL
5 sx Cement on top of Bridge Plug at 11,000'			

33. PRODUCTION

Date First Production April 29, 1985
Production Method (Flowing, gas lift, pumping - Size and type pump) Flow
Well Status (Prod. or Shut-in) Shut-in

Date of Test May 3, 1985	Hours Tested 4	Choke Size 1.250	Prod'n. For Test Period	Oil - Bbl. 3	Gas - MCF 48.7	Water - Bbl. 0	Gas - Oil Ratio 16,236
Flow Tubing Press. 1000	Casing Pressure PKR	Calculated 24-Hour Rate 18	Oil - Bbl.	Gas - MCF 515 CAOF	Water - Bbl. 0	Oil Gravity - API (Corr.) 60 @ 60°F	

34. Disposition of Gun (Solid, used for fuel, vented, etc.)
Shut-in pending sales connection

Test Witnessed By R. Reston

35. List of Attachments
Form C-104, Deviation Report, E-logs filed under separate cover.

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 Jerry W. Long TITLE Agent DATE June 18, 1985

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division 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 F105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____ 1600'	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____ 2170'	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
D. Salt _____	T. Atoka _____ 9800'	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 2260'	T. Miss _____ 10,350'	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____ 11,053'	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 3535'	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____ 4860'	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____ 6305'	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____ 7175'	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____ 8183'	T. 3 Brothers _____ 8600'	T. Chinle _____	T. _____
T. Penn. _____	T. Morrow _____ 9990'	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. Woodford _____ 10,883'	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from Gas 10,030' to 10,036'	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	400	400	Sand, Gravel, Redbeds				
400	1600	1200	Redbeds & Anhydrite				
1600	2170	570	Anhydrite				
2170	2260	90	Salt				
2260	3535	1275	Shale, Sand, Anhydrite				
3535	4860	1325	Dolomite & Anhydrite				
4860	5555	695	Limestone & Shale				
5555	6305	750	Limestone				
6305	7175	870	Limestone & Shale				
7175	8183	1008	Shale				
8183	8600	417	Limestone & Dolomite				
8600	9800	1200	Limestone				
9800	10350	550	Limestone & shale				
10350	10883	533	Limestone				
10883	11053	170	Shale				
11053	11115	62	Limestone & Dolomite				

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JUN 20 1985
HOBBS, NEW MEXICO