

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No. K-169	

1a. TYPE OF WELL

OIL WELL ☐GAS WELL ☐DRY ☒

OTHER

b. TYPE OF COMPLETION

NEW WELL ☐WORK OVER ☐DEEPEN ☐PLUG BACK ☐DIFF. RESVR. ☐

OTHER plug & abandon

2. Name of Operator

Spence Energy Company

3. Address of Operator

4849 Greenville Avenue #381, Dallas, Texas 75206

4. Location of Well

UNIT LETTER L LOCATED 660 FEET FROM THE West LINE AND 1980 FEET FROM

THE South LINE OF SEC. 5 TWP. 9S RGE. 32E NMPM

15. Date Spudded 16. Date T.D. Reached 17. Date Compl. (Ready to Prod.) 18. Elevations (DF, RKB, RT, GR, etc.) 19. Elev. Casinghead

12/20/82

2/3/83

4413 GL 4423 KB

20. Total Depth

9150

21. Plug Back T.D.

22. If Multiple Compl., How Many

23. Intervals Drilled By

Rotary Tools

Cable Tools

0-9150

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

25. Was Directional Survey Made

No Deviation
svys. made as drl

26. Type Electric and Other Logs Run

CN/CDL/GR, DLL/MLL/GR/CAL

27. Was Well Cored

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"	54.5#	370'	17 1/2"	380 sx - cement circ.	None
8-5/8"	28# & 32#	3461'	12-1/4"	2100 sx - cement circ.	None
5 1/2"	15# & 17 1/2#	9146'	7-7/8"	795 sx, two stages	3505'

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

31. Perforation Record (Interval, size and number)

9050-70'; 1 jet shot/foot - 3 times
9021-29 & 9031-33; 1 jet shot/foot
8443-50'; 1 jet shot/foot
8174'-78 and 8207-17'; 1 jet shot/foot
4146-66 & 4206-12'; 1 jet shot/foot

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
9050-70	19000 gallons acid (HCl)
9021-33 (OA)	4000 gallons acid (HCl)
8443-50	1000 gallons acid (HCl)
8174-8217 (OA)	1000 gallons acid (HCl)

33. PRODUCTION

4146-4212 (OA) 5000 gallons acid (HCl)

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

Dresser Atlas CD-CNL-GR Log, DLL-MLL-GR; Sierra Drlg. - Straight hole report

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

Carroll Staton

TITLE

Expl. Mgr.

DATE

May 25, 1983

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 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____ 1700	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____ 1754	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 2189	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 2910	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 3414	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____ 4855	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____ 6320	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____ 7200	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____ 8218	T. D. 9150 _____	T. Chinle _____	T. _____
T. Penn. _____ 8760	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____ 8870	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ None _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

No. 5, 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 _____ None _____ 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	1700	1700	Red Beds				
1700	1754	54	Anhydrite				
1754	2189	435	Salt				
2189	3414	1225	Red Beds, Sand, Salt & Anhydrite				
3414	4855	1441	Dolomite & Anhydrite				
4855	7200	2345	Red Beds, Salt, limestones				
7200	8218	1018	Red & Green Shale, Dolo. & Chert				
8218	9150	932	Limestone & Shale				

RECEIVED

MAY 26 1983

O.C.D.

1000000



Donald L. Wallace
President

SIERRA DRILLING COMPANY

P. O. Box 2681

Midland, Texas 79702

(915) 563-3477

March 23, 1983

Spence Energy
4849 Greenville Avenue
2 Energy Square, Suite 381
Dallas, TX 75206

Re: Patton State #1-5

Gentlemen:

The following is a Deviation Survey for the above referenced well located in Lea County, New Mexico.

308 - $\frac{1}{2}$	4696 - 1-3/4
862 - 3/4	5196 - 1 $\frac{1}{2}$
1359 - 1	5602 - 2
1868 - 1	6105 - 1
2392 - 1 $\frac{1}{4}$	6481 - No Picture
2895 - 1-3/4	6606 - 1 $\frac{1}{4}$
3395 - 1-3/4	7105 - 1
3823 - 1 $\frac{1}{4}$	7607 - 1 $\frac{1}{4}$
4319 - 1 $\frac{1}{2}$	8419 - 1
	9130 - $\frac{1}{2}$

Sincerely,

SIERRA DRILLING COMPANY

Lonny D. Warren
Controller

STATE OF TEXAS)
)
COUNTY OF MIDLAND)

The foregoing was acknowledged before me this 23rd day of March, 1983.

Notary Public

Milly Wilson
Notary Public, State of Texas
My Commission Expires 12/23/85