

20-025-29664

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-101  
Revised 10-1-78

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

5A. Indicate Type of Lease  
STATE  REC

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Form or Lease Name  
Speight

9. Well No.  
1

10. Field and Pool, or Wildcat  
Bronco Siluro/Devonian

12. County  
Lea

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

b. Type of Well DRILL  DEEPEN  PLUG BACK   
OIL WELL  GAS WELL  OTHER Re-entry SINGLE ZONE  MULTIPLE ZONE

2. Name of Operator  
Newhall Resources

3. Address of Operator  
P.O. Box 8629 Midland, TX 79708

4. Location of Well UNIT LETTER A LOCATED 660 FEET FROM THE North LINE  
AND 660 FEET FROM THE East LINE OF SEC. 15 TWP. 13-S RGE. 38-E

15. Proposed Depth 12,000 16A. Formation Devonian 16. History or C.G.  
Rotary

1. Elevations (Show whether DR, KI, etc.) 3806.5 (GL) 21A. Kind & Status Plug. Bond 1-Well #10,000 21B. Drilling Contractor Norton Drilling 22. Approx. Date Work will start 8-15-86

23. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2	13-3/8	61 #	348	450	Surface
11	8 5/8	24 & 32#	4608	1700	Surface
7 7/8	7" Flush Jt.	26 & 29#	10,600	1000	8000
6 1/8	5" Liner	18#	12,000 - 10,400	500	10,400

Application is to re-enter the Speight #1, drill out the cement plugs at surface, 2200', 4658', 5990', 7900' and at 9814'. Regain circulation and wash hole clean to 10,600' and run a 10,600' string of 7" flush joint casing, cement in place and continue drilling to 12,000' with @ 6-1/8" bit.

Permit Expires 6 Months From Approval  
Date Unless Drilling Underway.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

signed J.E. Brusenhan J.E. Brusenhan Title Production Manager Date 8-4-86

(This space for State Use)  
APPROVED BY JERRY SEXTON DISTRICT SUPERVISOR TITLE \_\_\_\_\_ DATE AUG 6 1986

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

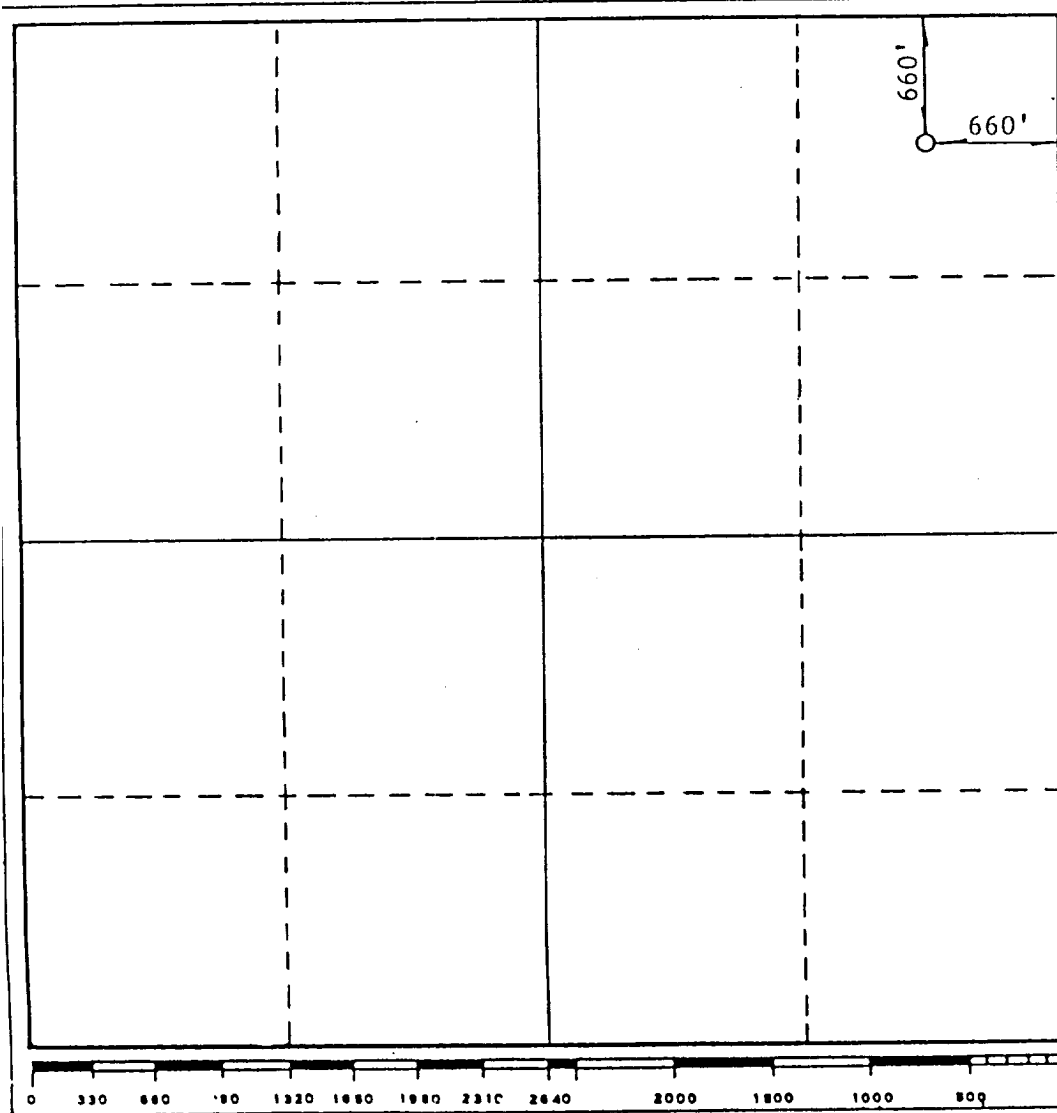
Operator Newhall Resources		Lease Speight		Well No. 1	
Unit Letter A	Section 15	Township 13 South	Range 38 East	County Lea	
Actual Footage Location of Well: 660 feet from the North line and 660 feet from the East line					
Ground Level Elev. 3806.5	Producing Formation Devonian	Pool Bronco Siluro/Devonian		Dedicated Acreage: 40 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes  No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



**CERTIFICATION**

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*J. E. Brusenhan*  
Name  
J.E. Brusenhan  
Position  
Production Manager  
Company  
Newhall Resources  
Date  
3-24-86

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
3-18-86

Registered Professional Engineer  
and/or Land Surveyor  
*Ronald J. Eidson*

Certificate No. JOHN W. WEST, 676  
RONALD J. EIDSON, 3239

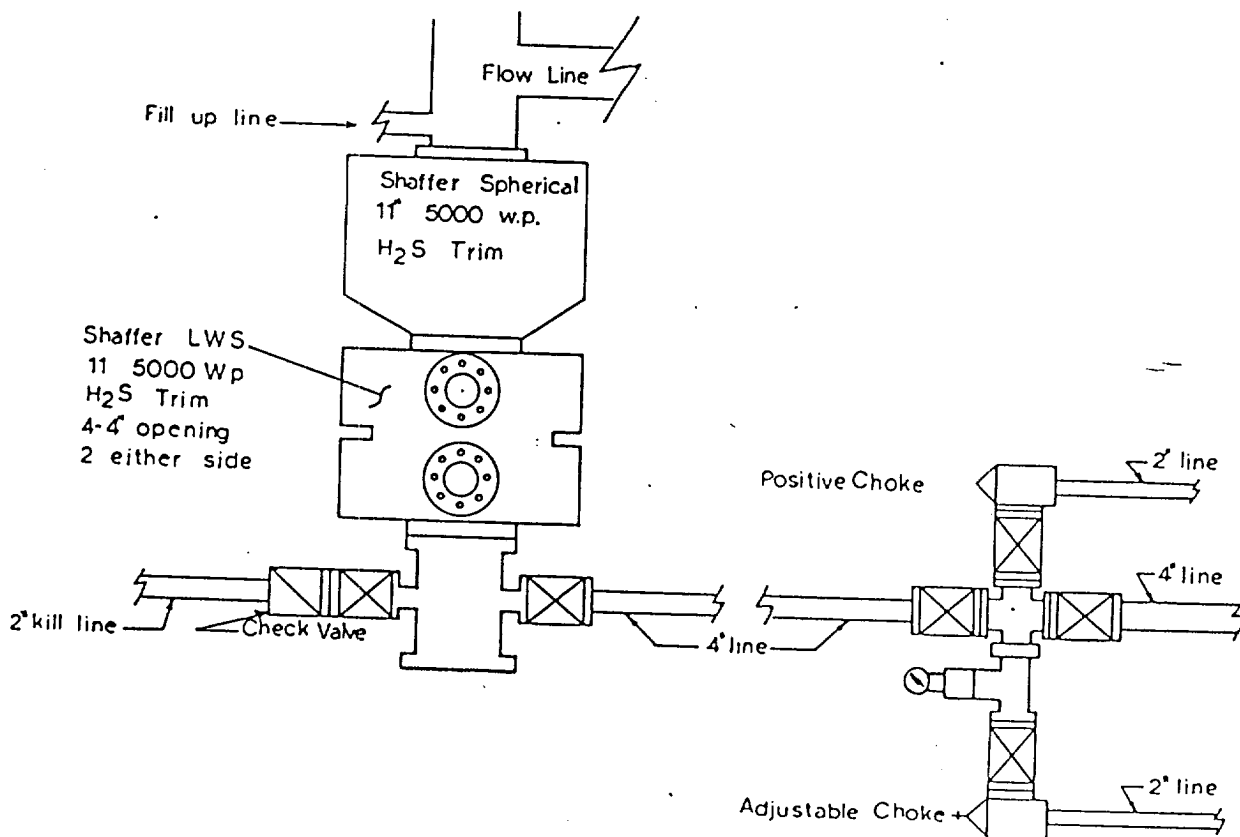
BOP Description  
&  
Sketch

Lease & Well: Speight #1  
Company: Newhall Resources  
Location: Sec. 15, Twn. 13-S, Rg. 38-E  
 Lea County, New Mexico  
Contractor: Norton Drilling Co. Rig #12

BOP: Equipment Description:

1. Shaffer 11" 5000 psi double LWS, H<sub>2</sub>S trimmed w/2 4" openings between ram's and 2 4" openings below rams.
2. Choke manifold is 4" x 2" 5000 psi w/1 2" adjustable choke & 1 2" positive choke.
3. Accumulator is Koomey 120 gal. 3000 psi remote control on rig floor. Six Station air and electric power.
4. Annular BOP is Shaffer 11" 5000 psi annular H<sub>2</sub>S trimmed. Grant Shorty rotating head.

BOP Sketch:



NOTE: The above BOP stack will be installed when rig is put back on location and before the cement plugs are drilled out.