

30-025-29969

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTOIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-101
Revised 10-1-78

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

5A. Indicate Type of Lease
STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.
L G- 1041

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Kellahin 14 State	
2. Name of Operator Spence Energy Company		9. Well No. 2	
3. Address of Operator 381 Two Energy Square 4849 Greenville Ave Dallas, Texas 75206		10. Field and Pool, or Wildcat SOUTH FLYING M-Abo POOL	
4. Location of Well UNIT LETTER P LOCATED 330 FEET FROM THE South LINE AND 700 FEET FROM THE East LINE OF SEC. 14 TWP. 9S RGE. 32E NMDM		12. County Lea	
19. Proposed Depth 8500		19A. Formation Abo	
21. Elevation (Show whether DF, KI, etc.) 4336.6		20. Rotary or C.T. Rotary	
21A. Kind & Status Plug. Bond 50,000 Blanket		22. Approx. Date Work will start July 15, 1987	
21B. Drilling Contractor Norton Drilling			

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"	48# H-40	400 +	425 sxs	Circulate
11"	8 5/8"	24# H-40	2600	800 sxs	Circulate
7-7/8"	5 1/2"	17#	8500'	250 sxs	6800'

Propose to drill deep enough to test the Abo Formation

Series 900 Double-ram 5000# WP B.O.P. will be installed after 8 5/8" Casing has been Cemented.

5 1/2" Casing will be Perforated opposite favorable zone. Completion will include running 2 7/8" tubing stimulating and testing to tanks.

An agreement has been reached with surface owners to pay damages

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 Clay Spence Title Field Supervisor Date 6-24-87

(This space for State Use)

Original signed by

APPROVED BY Paul Kautz TITLE _____ DATE JUL 2 1987

CONDITIONS OF APPROVAL, IF ANY: