

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 ☒ FEE ☐

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL ☒ DEEPEN ☐ PLUG BACK ☐		7. Unit Agreement Name
b. Type of Well OIL WELL ☐ GAS WELL ☒ OTHER ☐		8. Farm or Lease Name Bootleg Ridge 19 State
2. Name of Operator Santa Fe Energy Company		9. Well No. 1
3. Address of Operator 500 W. Illinois, Suite 500, Midland, TX 79701		10. Field and Pool UNDESIGNATED
4. Location of Well UNIT LETTER <u>D</u> LOCATED <u>990</u> FEET FROM THE <u>North</u> LINE AND <u>990</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>19</u> TWP. <u>22</u> RGE. <u>33</u> NMPM		12. County Lea
19. Proposed Depth 15,300'		19A. Formation Morrow
20. Rotary or C.T. Rotary		
21. Elevations (Show whether DF, RT, etc.) 3692.9'	21A. Kind & Status Plug. Bond Blanket - current	21B. Drilling Contractor TBD
22. Approx. Date Work will start May 1, 1985		

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"	48.0	300'	315	Surface
12 1/4"	10 3/4"	40.5	4,800'	200	4400'+ Base Sal
9 1/2"	7 5/8"	33.7 & 39.0	12,220'	300	11,000'
6 1/2"	5"	18.0	15,300-11,900'	650	11,900'

Move on location and rig up rotary tools. Drill 17 1/2" hole to 300'. Run 13 3/8" casing. Cement with 315 sacks Class "C" Neat w/2% CaCl₂. WOC till 500 psi compressive is obtained. Nipple up 1500 psi annular preventer. Test to 750 psi. Test casing to 600 psi. Drill 12 1/4" hole to 4800'. Run 10 3/4" casing. Cement w/200 sx Class "C" Neat.

WOC till 500 psi compressive strength obtained. Nipple up triple ram 5000 psi w.p. BOP w/bag type preventer and rotating head and choke manifold. Test rams and manifold to 5000 psi. Test bag preventer to 1500 psi. Test casing to 1500 psi. Drill 9 1/2" hole to 12,200'. Run 7 5/8" casing. Cement w/300 sx Class "H" w/1% fluid loss additive. WOC till 500 psi compressive strength obtained. Re-test BOP 5000 psi. Test casing to 1500 psi. Drill 6 1/2" hole to 15,300'. Log & drill stem test if needed. Either P&A per NMOC rules or run 5" liner and cement w/sufficient Class "H" to circulate to liner top. Drill out to liner top and test liner prior to removing drilling rig.

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 Mike Burton Mike Burton Title Sr. Drilling Engineer Date March 8, 1985

(This space for State Use)

ORIGINAL DEPOSITED WITH STATE OF NEW MEXICO

APPROVED BY DISTRICT SUPERVISOR TITLE DISTRICT SUPERVISOR DATE APR 25 1985

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

RECEIVED

MAR 12 1985

100-100000-100000

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-112
Supersedes C-128
Effective 1-1-85

All distances must be from the outer boundaries of the Section

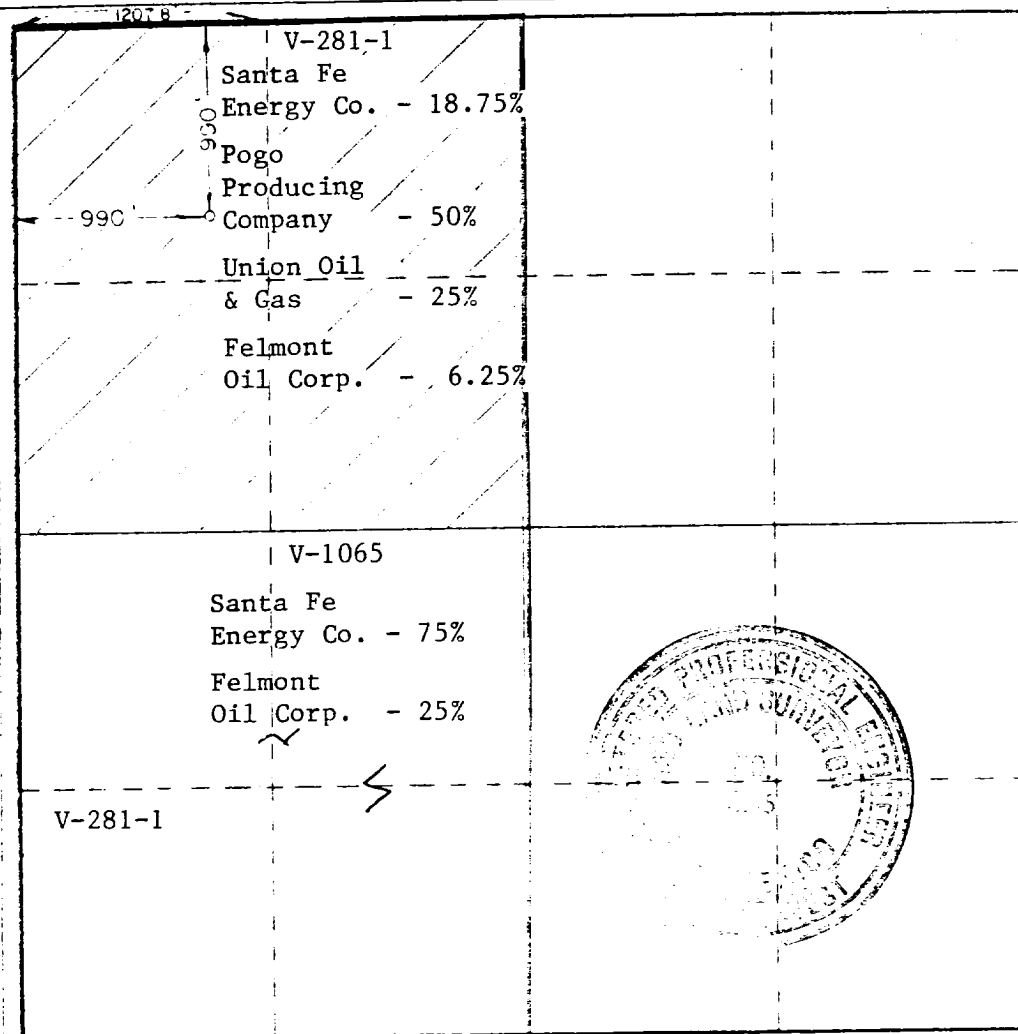
Operator SANTA FE ENERGY CO.		Lease Bootleg Ridge 19 State		Well No. 1
Unit Letter D	Section 19	Township 22S	Range 33E	County LEA
Actual Well Location of Well:				
990 feet from the NORTH line and		990 feet from the WEST line		
Ground Level Elev. 3692.9	Producing Formation Morrow	Pool Wildcat	Dedicated Acreage: (w/2) 306.44	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. 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.) Attached

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.

Mike R. Burton

Signature

Mike R. Burton

Position

Sr. Drilling Engineer

Company

Santa Fe Energy Company

Date

3-11-85

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

3/1/85

Registered Interest in the Well

100% - 100%

Ronald J. Eidson

Certificate No. **JOHN W. AEB** 576

RONALD J. EIDSON, 3239

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MAR 12 1985

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