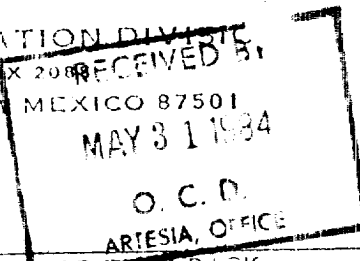


STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2008
SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-78

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	<input checked="" type="checkbox"/>
FILL	<input checked="" type="checkbox"/>
U.S.G.S.	<input checked="" type="checkbox"/>
LAND OFFICE	<input checked="" type="checkbox"/>
OPERATOR	<input checked="" type="checkbox"/>



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 <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name Vernon Federal Com.	
2. Name of Operator Santa Fe Energy Company ✓		9. Well No. 1	
3. Address of Operator 500 West Ohio Midland, Texas 79701		10. Field and Pool, or Wildcat Carlsbad East	
4. Location of Well UNIT LETTER J LOCATED 1980 FEET FROM THE East LINE AND 1980 FEET FROM THE South LINE OF SEC. 25 TWP. 21S RGE. 27E NMPM		12. County Eddy	
19. Proposed Depth 12200		19A. Formation Morrow	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, K1, etc.) 3136 GL	
21A. Kind & Status Plug. Band Blanket		21B. Drilling Contractor To be determined	
22. Approx. Date Work will start July 1, 1984			

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	54.5	490		Surface
11" 12 1/4"	8-5/8	24 & 32.0	2600		Surface
7-7/8	5-1/2	20.0	12200		8500

Move on location and rig up rotary tools. Drill 17 1/2" hole to 490'±. Run and cement 13-3/8" casing. WOC till 500psi compressive strength attained. Drill 11" hole to 2600'±. Run and cement 8-5/8" casing. Nipple up 5000psi BOP stack and choke manifold. WOC until 500psi compressive strength attained. Drill 7-7/8" hole to 12200'. Run electric logs. Either run and cement 5-1/2" production casing or plug and abandon as per NMOCC rules and regulations.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 12-1-84
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 Michael R. Buxton Title Sr. Drilling Eng. Date 5-29-84

(This space for State Use)

APPROVED BY Mike Williams TITLE OIL AND GAS INSPECTOR DATE MAY 29 1984

CONDITIONS OF APPROVAL, IF ANY:

NO PRODUCTION OF OIL OR GAS
OR OTHER HYDROCARBONS
OR OTHER FLAMMABLE OR EXPLOSIVE
SUBSTANCES FROM THE WELL

Post. O. P. B.
PD-127 of BR
6-8-84

**N MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

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

All distances must be from the outer boundaries of the Section

Operator SANTA FE ENERGY COMPANY			Lessee VERNON FEDERAL COM.		Well No. 1
Unit Letter J	Section 25	Township 21 SOUTH	Range 27 EAST	County EDDY	
Actual Footage Location of Well: 1980 feet from the SOUTH line and 1980 feet from the EAST line					
Ground Level Elev. 3136.0	Producing Formation Morrow	Pool Carlsbad East		Dedicated Acreage: 320 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 Communitization Agreement

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.

<p>HNG OIL COMPANY, et al- 100% (John Raymond Trimble, et al- 100% Roy.)</p> <p>SANTA FE ENERGY COMPANY, et al- 100% (Ruth Leon Vernon-100% Roy.)</p> <p>CHAMPLIN PETROLEUM CO. 100% (U.S.A.-100% Royalty)</p> <p>BASS ENTERPRISES CO. et al-100% (Pardue Farms, et al-100% Roy.)</p> <p>Scale: 0 330 660 990 1320 1650 1980 2310 2640 2000 1800 1000 500</p>	<p align="center">CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Michael R. Burton</i></p> <p>Name Mike Burton</p> <p>Position Sr. Drilling Eng.</p> <p>Company Santa Fe Energy</p> <p>Date 5-25-84</p> <p>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.</p> <p>Date Surveyed MAY 15, 1984</p> <p>Registered Professional Engineer and/or Land Surveyor</p> <p><i>John W. West</i></p> <p>Certificate No. JOHN W. WEST, 676 RONALD J. EIDSON, 3239</p>
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