

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

(Other instructions on
reverse)

Budget Bureau No. 1004-0136
Expires August 31, 1985

30-025-30837
RECEIVED
NM-40450

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 1219-13-13-13		
b. TYPE OF WELL 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 Uncle Sam 136 Federal		
2. NAME OF OPERATOR Santa Fe Energy Operating Partners, L.P.			9. WELL NO. 1		
3. ADDRESS OF OPERATOR 500 W. Illinois, Suite 500, Midland, TX 79701			10. FIELD AND POOL, OR WILDCAT Jed West Corbin Delaware		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 185 660' FNL & 1980' FWL, Sec. 13, T-18S, R-32E At proposed prod. zone Same			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 13, T-18S, R-32E		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 26 miles east of Carlsbad, NM			12. COUNTY OR PARISH Lea		13. STATE NM
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) 660'		16. NO. OF ACRES IN LEASE 40		17. NO. OF ACRES ASSIGNED TO THIS WELL 40	
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. N/A		19. PROPOSED DEPTH 6500'		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3848.6' GR				22. APPROX. DATE WORK WILL START ASAP	

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24.0	425'	Circulate
7 7/8"	5 1/2"	15.5	6500'	Circulate

Move on location and rig up. Drill a 12 1/4" hole to 425'. Run and cement 8 5/8" casing with sufficient Class C containing 2% CaCl₂ to circulate cement to surface. Wait on cement 6 hours. Test casing to 600 psi. Drill a 7 7/8" hole to 6500'. Run logs. Run and cement 5 1/2" casing with sufficient lite weight cement to circulate to surface when followed by 262 cu.ft. Class C containing 2% calcium chloride.

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

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. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Michael R. Binton TITLE District Drilling Engineer DATE 02-14-90
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY One Special Agent TITLE LEA MANAGER
CONDITIONS OF APPROVAL, IF ANY: _____ DATE 3-21-90

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator SANTA FE ENERGY OPERATING PARTNERS L.P.			Lease Uncle Sam 13B Federal		Well No. 1
Unit Letter C	Section 13	Township 18 South	Range 32 East NMPM	County Lea	
Actual Footage Location of Well: 785 feet from the North line and 1980 feet from the West line					
Ground level Elev. 3843.8	Producing Formation Delaware		Pool Und. West Corbin Delaware		Dedicated Acreage: 40 Acres

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 interest 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 interest, has been approved by the Division.

Federal Lease No. NM-40450
Santa Fe Energy Operating
Partners, L.P. - 100%
(F/O from Amoco)
1/8 Royalty - U.S.A.
1/8 ORRI - Amoco, et al.

OPERATOR CERTIFICATION

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

Signature _____

Michael R. Burton

Printed Name _____

Michael R. Burton

Position

District Drilling Engineer

Company	Santa Fe Energy
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Operating Partners, L.P.

Date _____

March 13, 1990

SURVEYOR CERTIFICATION

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 _____

March 5, 1990

Signature & Seal of
Professional Surveyor


Certificate No. JOAN W. WEST

Certificate No. JOAN G. WES 676

RONALD J. EIDSON. 3239

APPLICATION FOR DRILLING
SANTA FE ENERGY OPERATING PARTNERS, L.P.
Uncle Sam 13 Federal No. 3

In conjunction with Form 9-331C, Application to Drill subject well, Santa Fe Energy Operating Partner, L.P., submits the following ten items of pertinent information in accordance with BLM requirements.

1. The geologic surface formation is sand.
2. The estimated tops of geologic markers are as follows:

Rustler	1,250'
Base of Salt	2,800'
Yates	3,200'
Queen	3,970'
Grayburg	4,580'
Lower Grayburg	4,560'
Delaware	5,600'
Delaware TD	6,500'

3. The estimated depth at which water, oil, or gas formations are expected to be encountered:

Water	Water is not expected to be encountered.
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Oil or Gas	Delaware	5,600' - TD
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4. Proposed Casing Program: See Form 9-331C and Exhibit A.
5. Pressure Control Equipment: See Form 9-331C and Exhibit B.
6. Drilling Fluid Program: See Exhibit C.
7. Auxiliary Equipment: See Exhibit D.
8. Testing, Logging and Coring Programs:

Logging:

Logging from 425' - TD
Dual Laterolog with Gamma Ray
Neutron-Density with Gamma Ray
Computer Process Log over selected intervals

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MAR 22 1990

CCO
HOBBS SERVICE

PROPOSED BOPE AND CHOKE ARRANGEMENT

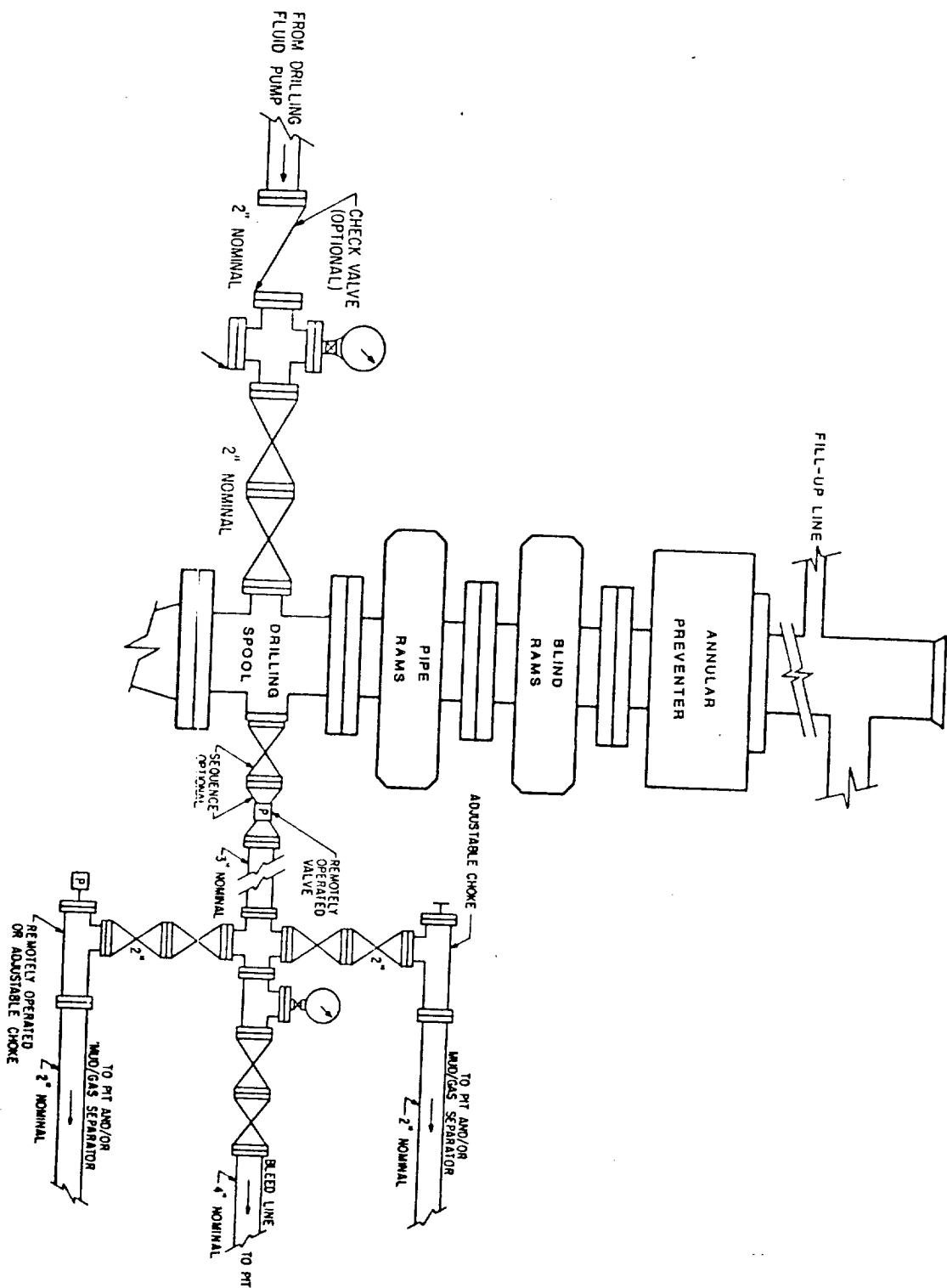


EXHIBIT B

SANTA FE ENERGY OPERATING PARTNERS, LP.
 Uncle Sam "13" Fed #3,
 660' FNL & 1980' FWL, Sec 13, T 18 S, R 32 E
 LEA CO., NEW MEXICO