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# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
5. State Oil & Gas Lease No.	
7. Unit Agreement Name	
8. Farm or Lease Name State NM 3	
9. Well No. 1	
10. Field and Pool, or Wildcat Wildcat	
12. County Lea	
19. Proposed Depth BP Approx. 12,415'	19A. Formation Austin/Miss
20. Rotary or C.T. NA	22. Approx. Date Work will start Feb. 9, 1981

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK	
1a. Type of Work b. Type of Well DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>	
2. Name of Operator Santa Fe Energy Company	
3. Address of Operator 7200 I-40 West Amarillo, Texas 79106	
4. Location of Well UNIT LETTER P LOCATED 660 FEET FROM THE South LINE AND 660 FEET FROM THE East LINE OF SEC. 3 TWP. 15S RGE. 32E NMPM	
21. Elevations (Show whether DF, RT, etc.) 4300' KB	
21A. Kind & Status Plug. Bond Blanket/Exp. 7-30-81	
21B. Drilling Contractor Well Units	

## 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	430	450 sx	Surface
12 1/4"	9 5/8"	40	4300	950 sx	100'
8 1/2 & 7 7/8"	5 1/2"	17 & 20	13,550'	1600 sx in 2 stages	Uncertain

Present zone is non-commercial Tulk Devonian Pool with perfs at 13,505-12'.

Proposed: Set cmt retainer @ 13,500' & sqz Devonian perfs 13,505-12' w/40 sx cmt. Perf Devonian 13,480-13-485' & swb test. Acidize if necessary. If commercial, put on pump. If non-commercial, then abandon Devonian with cement retainer @ 13,360' and squeeze with 40 sx. Test Austin Mississippian zone @ approximately 12,366-90'. Will test cement job behind pipe via test holes @ 12,415'. Will squeeze if required. If squeeze not required, will set permanent pkr @ 12,330' & perforate Austin/Miss zone @ 12,366-90' thru tubing, then test. Will acidize with 3000 gallons 7 1/2% if necessary. A double ram BOP will be used.

Note: Form C-102 reflects 160 acres dedicated. Will apply for non-standard proration unit if zone is productive.

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 [Signature] Title Petroleum Engineer Date January 28, 1981

(This space for State Use)

APPROVED BY [Signature] TITLE [Signature] DATE [Signature]

CONDITIONS OF APPROVAL, IF ANY:

**NEW 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.

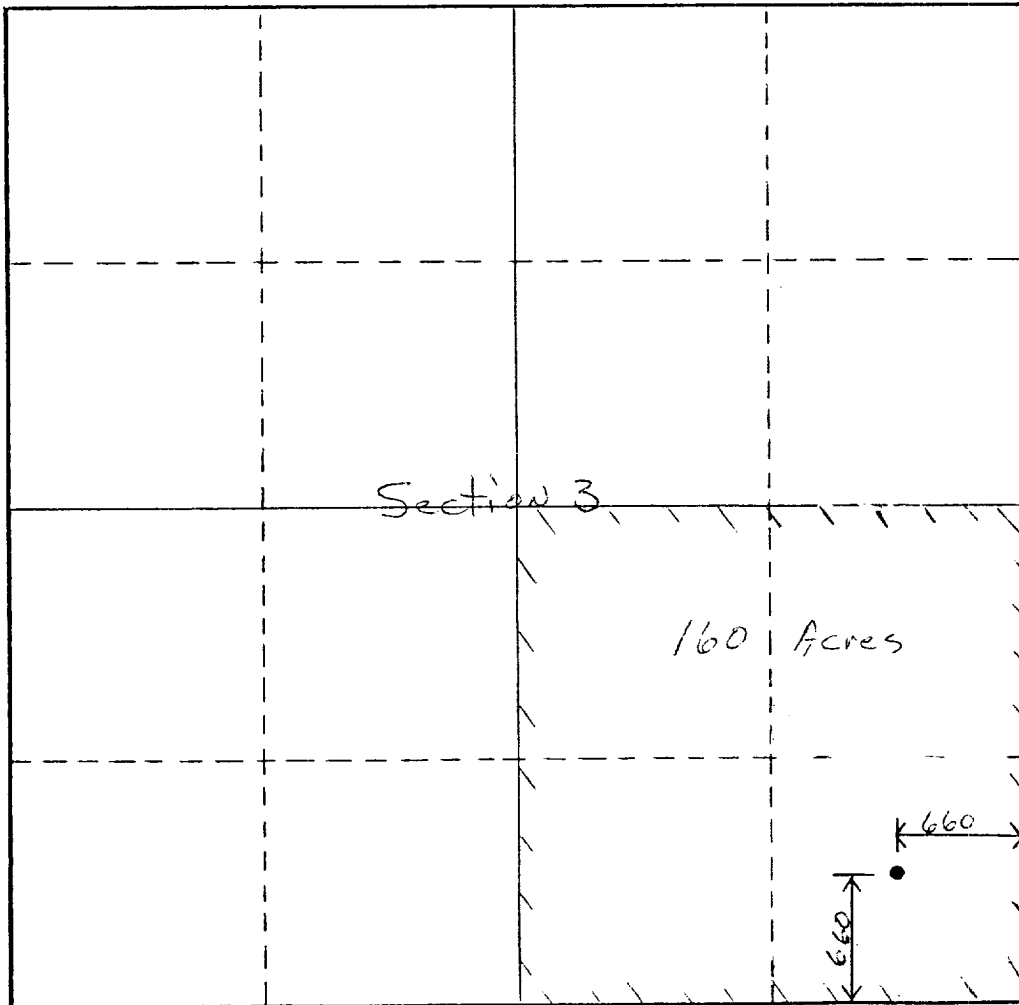
Operator <b>Santa Fe Energy Company</b>			Lease <b>State NM 3</b>		Well No. <b>1</b>
Unit Letter <b>P</b>	Section <b>3</b>	Township <b>153</b>	Range <b>32E</b>	County <b>Lea</b>	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> <span><b>660</b> feet from the <b>South</b> line and</span> <span><b>660</b> feet from the <b>East</b> line</span> </div>					
Ground Level Elev. <b>4287</b>	Producing Formation <b>Austin Mississippian</b>	Pool <b>wildcat</b>	Dedicated Acreage: <b>160</b> 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 \_\_\_\_\_

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.

*Anthony J. Welker*  
Name  
**Anthony J. Welker**

Position  
**Production Engineer**

Company  
**Santa Fe Energy Co.**

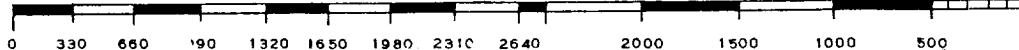
Date  
**February 10, 1981**

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

Registered Professional Engineer and/or Land Surveyor

Certificate No.



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# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103  
Supersedes Old  
C-102 and C-103  
Effective 1-1-65

5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. B-9680
7. Unit Agreement Name
8. Farm or Lease Name State NM 3
9. Well No. 1
10. Field and Pool, or Wildcat - Wildcat
12. County Lea

## SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>
2. Name of Operator Santa Fe Energy Company
3. Address of Operator One Security Park, 7200 I-40 West, Amarillo, TX 79106
4. Location of Well UNIT LETTER <u>P</u> <u>660</u> FEET FROM THE <u>south</u> LINE AND <u>660</u> FEET FROM THE <u>East</u> LINE, SECTION <u>3</u> TOWNSHIP <u>15S</u> RANGE <u>32E</u> NMPM.
15. Elevation (Show whether DF, RT, GR, etc.) KB 4304'

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data  
NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK <input checked="" type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>

SUBSEQUENT REPORT OF:

REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
CASING TEST AND CEMENT JOBS <input type="checkbox"/>	OTHER <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Estimated starting date is 11-3-80: Objective is to attempt shut-off of produced water. It is proposed to cement squeeze existing Devonian perforations at 13,505-12' and 13,523-31' via cement retainer to be set @ 13,370'. After drill out of cement, the intervals 13,505-12' and 13,523-31' will be selectively perforated and re-stimulated with acid if necessary.

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

SIGNED [Signature]

TITLE Petroleum Engineer

DATE Sept. 24, 1980

Only Signed By

Jerry Senter

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE Sept 25, 1980

CONDITIONS OF APPROVAL, IF ANY: