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NEW MEXICO OIL CONSERVATION COMMISSION

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

SUNDRY NOTICES AND REPORTS ON WELLS <small>(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.)</small>		5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- <input type="checkbox"/>		5. State Oil & Gas Lease No.
2. Name of Operator Santa Fe Energy Company		7. Unit Agreement Name
3. Address of Operator One Security Park, 7200 I-40 West, Amarillo, Texas 79106		8. Farm or Lease Name State NM '3'
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>15 S</u> RANGE <u>32 E</u> NMPM.		9. Well No. <u>1</u>
10. Field and Pool, or Wildcat Wildcat		12. County Lea
15. Elevation (Show whether DF, RT, GR, etc.)		

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐
 TEMPORARILY ABANDON ☐
 PULL OR ALTER CASING ☐
 OTHER ☐

PLUG AND ABANDON ☐
 CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐
 COMMENCE DRILLING OPNS. ☐
 CASING TEST AND CEMENT JOBS ☒
 OTHER ☐

ALTERING CASING ☐
 PLUG AND ABANDONMENT ☐

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.

7-24-80: TD 13,531'. PBTD 13,442'. Ran 106 jts 5 1/2" 20# N-80 csg followed by 227 jts 5 1/2" 17# N-80 csg with shoe @ 13,531', float collar @ 13,443' and DV tool @ 12,526'. Cemented w/300 sxs Class H 50:50 poz w/2% gel and 0.2% retarder. Bumped plug w/1000 psi, OK. Dropped DV bomb, tool failed to open. Ran temperature survey. Top of cement @ 12,235'.

7-25-80: Perf 1 SPF 12,180-12,183'. Cemented with 800 sx 50:50 Class H Poz followed by 150 sx Class H Neat. With 19 bbl left in pipe, pressure increased to 3800 psi. SD and held 3800 psi. Set slips, cut off csg, cleaned pits, released rig @ 4:00 pm 7-25-80.

7-26-80: WOCU. Plan to selectively perforate and acidize Devonian formation.

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

SIGNED [Signature]

TITLE Drilling Superintendent

DATE 7-29-80

Orig. Signed by
Jerry Sexton

APPROVED BY Dist. 1, Supv.

TITLE _____

DATE JUL 31 1980

CONDITIONS OF APPROVAL, IF ANY:

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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.	

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"/>		7. Unit Agreement Name	
2. Name of Operator Santa Fe Energy Company		8. Farm or Lease Name State NM '3'	
3. Address of Operator One Security Park - 7200 I-40 West, Amarillo, TX 79106		9. Well No. 1	
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.		10. Field and Pool, or Wildcat Wildcat	
15. Elevation (Show whether DF, RT, GR, etc.) 4287' GL		12. County Lea	

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

PERFORM REMEDIAL WORK	<input type="checkbox"/>
TEMPORARILY ABANDON	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>
OTHER	<input type="checkbox"/>

PLUG AND ABANDON	<input type="checkbox"/>
CHANGE PLANS	<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 JOB	<input checked="" 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.

5-3-80: Spud at 2:30 p.m. Ran 10 joints (433.34') 10 3/8" K-55, 54.5# ST&C casing, set at 430'. Cemented with 450 sacks Class C cement with 2% CaCl₂ and 1/4# per sack Flocele. Circulated 45 sacks to reseve pit. Plug down at 6:00 a.m.
5-4-80

5-4-80: NU BOP's. Tested to 1000#. Held ok.

5-15-80: TD 4300". Ran Sonic log.

5-16-80: Ran 101 joints (4308') 9 5/8" 40#, K-55 ST&C with guide shoe at 4300'. Float collar at 4256'. Cemented with 750 sacks Class C cement. Tail in with 200 sacks Class C, Plug down at 9:20 p.m. 5-16-80. Ran temperature survey. Top of cement 100' below GL.

5-17-80: Yellow Jacket pressure tested BOP's, choke manifold and Kelly to 3000#. Tested Hydril to 2500#. All held ok.

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

SIGNED <u>B.E. Stuffer</u>	TITLE <u>Drilling Superintendent</u>	DATE <u>5/19/80</u>
APPROVED BY <u>Jerry Sexton</u>	TITLE <u>Drilling Superintendent</u>	DATE <u>MAY 22 1980</u>
CONDITIONS OF APPROVAL <u>Drilling Superintendent</u>		

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NEW MEXICO OIL CONSERVATION COMMISSION

30-025-26711 (ED)
 30-025-26710
 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.

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 State NM '3'	
2. Name of Operator Santa Fe Energy Company		9. Well No. 1	
3. Address of Operator One Security Park, 7200 I-40 West, Amarillo, TX 79106		10. Field and Pool, or Wildcat Wildcat	
4. Location of Well UNIT LETTER <u>P</u> LOCATED <u>660</u> FEET FROM THE <u>south</u> LINE AND <u>660</u> FEET FROM THE <u>east</u> LINE OF SEC. <u>3</u> TWP. <u>15S</u> RGE. <u>32E</u> NMPM		12. County Lea	
21. Elevations (Show whether DF, RT, etc.) 4287' GL		19. Proposed Depth 14,000'	19A. Formation Sil-Devonian
21A. Kind & Status Plug. Bond blanket-current	21B. Drilling Contractor undecided	20. Rotary or C.T. rotary	
22. Approx. Date Work will start April 15, 1980			

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#	400'	400 sx	Circ
12 1/4"	9 5/8"	40.5#	4400'	Est. 400 sx	Est. 3400'
7 7/8"	5 1/2"	17#	Est. 13,500'	Est. 400 sx	Est. 12,000'

1. Drill a 17 1/2" surface hole to 400' and set 13 3/8" casing, circulating cement to the surface. WOC 10-12 hours. Nipple up BOP's and test to full working pressure.
2. Drill 12 1/4" hole to approximately 4400'. Run and cement 9 5/8" casing. Nipple up BOP's and test to full working pressure.
3. Drill a 7 7/8" hole to TD with sufficient mud weight to control formation pressures.
4. Either run and cement 5 1/2" casing or plug and abandon as directed by the New Mexico Oil Conservation Commission.

*****Cement on the intermediate casing must be brought from the top of the salt or anhydrite to the surface casing. This can be done by either circulating the intermediate casing with cement, or a DV tool at the top of the salt.**

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.

by Sammy D. Morgan Title Drilling Engineering Date 2-25-80

(This space for State Use)

BY [Signature] TITLE SUPERVISOR DATE FEB 28 1980

OF APPROVAL, IF ANY:

***SEE ABOVE

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

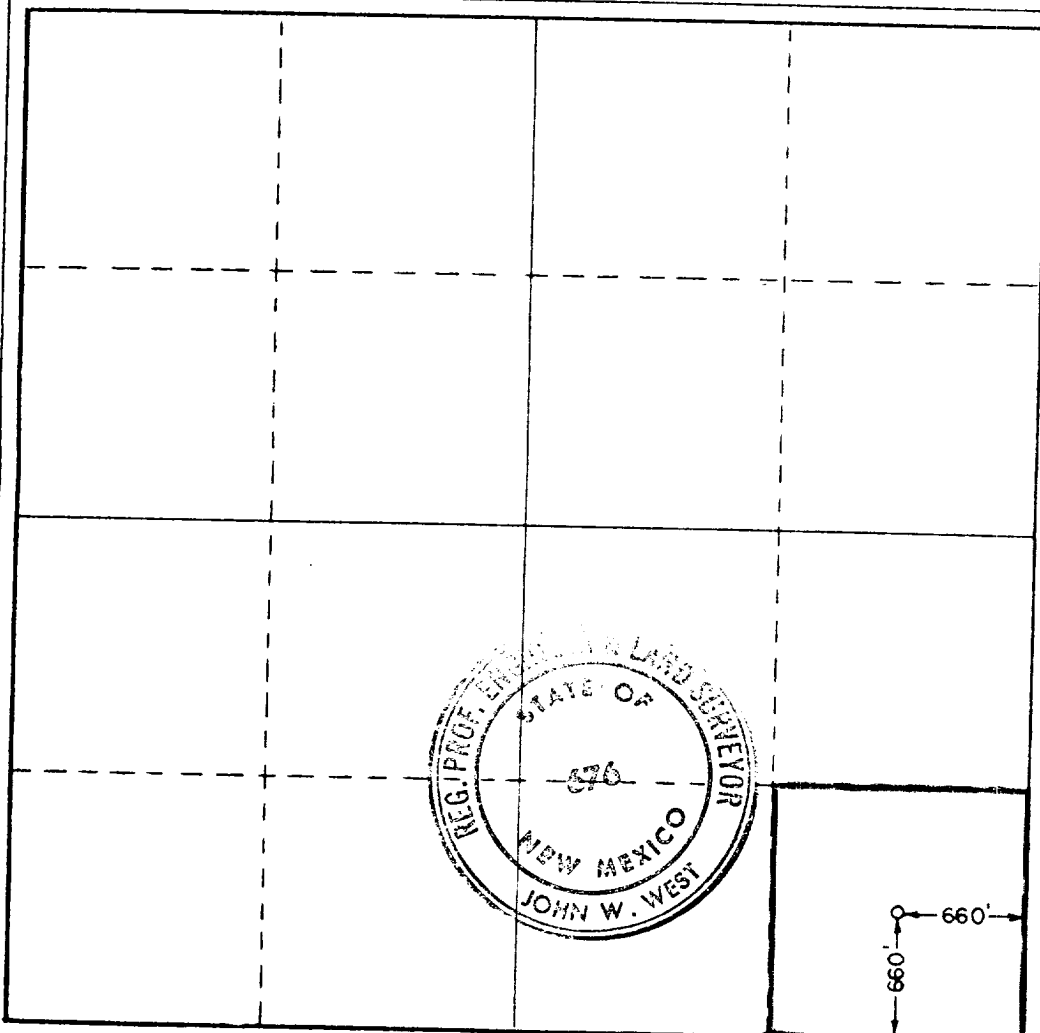
Operator Santa Fe Energy Co.			Lease State NM "3"		Well No. 1
Unit Letter P	Section 3	Township 15 South	Range 32 East	County Lea	
Actual Footage Location of Well: 660 feet from the South line and 660 feet from the East line					
Ground Level Elev. 4287.0	Producing Formation Devonian		Pool Wildcat	Dedicated 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 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.

Sammy N. Morgan

Name
Sammy N. Morgan

Position
Drilling Engineer

Company
Santa Fe Energy Company

Date
February 21, 1980

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
February 13, 1980

Registered Professional Engineer and Land Surveyor

John W. West

Certificate No. **JOHN W. WEST 676**
PATRICK A. ROMERO 8863
Ronald J. Eidson 3239

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

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FEB 28 1980

OIL CONSERVATION DIV.

113