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LAND OFFICE		
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

API #30-061-20004

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

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

SUNDRY NOTICES AND REPORTS ON WELLS

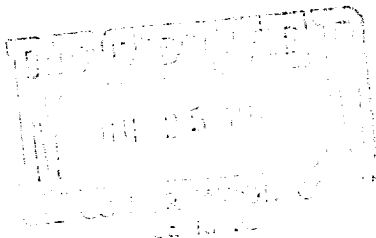
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.  
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. Unit Agreement Name	
2. Name of Operator <b>Shell Oil Company</b>		8. Farm or Lease Name <b>Santa Fe</b>	
3. Address of Operator <b>1700 Broadway, Denver, Colorado 80202</b>		9. Well No. <b>Two</b>	
4. Location of Well UNIT LETTER <b>L</b> , <b>1650</b> FEET FROM THE <b>South</b> LINE AND <b>660</b> FEET FROM THE <b>West</b> LINE, SECTION <b>29</b> TOWNSHIP <b>6N</b> RANGE <b>1W</b> NMPM.		10. Field and Pool, or Wildcat <b>Santa Fe South Block Cactus Area (WC)</b>	
15. Elevation (Show whether DF, RT, GR, etc.) <b>5216 KB, 5194 GL</b>		12. County <b>Valencia</b>	

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data			
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <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.

Ran 272 jts 26# and 29# 7" csg to 11,231' and cmtd w/1800 sx  
Pozmix 140 followed by 200 sx Class "H" w/35% Silica Flour and  
0.3% HR-7. (See attached casing and cementing detail)



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

SIGNED <u>T.S. Mize</u>	TITLE <u>Division Operations Engr.</u>	DATE <u>7/23/74</u>
APPROVED BY <u>Carl Ulvog</u>	TITLE <u>SENIOR PETROLEUM GEOLOGIST</u>	DATE <u>7/25/74</u>
CONDITIONS OF APPROVAL, IF ANY:		

# CASING AND CEMENTING

Field Cactus Area (WC) Well Santa Fe #2  
Job: 7" " O.D. Casing/Liner Ran to 11,231 feet (KB) on 7/12, 1974

Jts.	Wt.	Grade	Thread	New	Feet	From	To
					16.36	KB	CHF 19.90
						CHF	19.90

62	26#	S-95	8rd LT&C	Yes	2,630.71	2,650.61
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128	26#	N-80	8rd LT&C	New & Used	5,127.05	7,777.66
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32	26#	YS-95	8rd LT&C	Yes	1,310.35	9,088.01
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13	29#	S-95	8rd ST&C	Yes	588.99	9,677.00
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34	29#	S-95	8rd LT&C	Yes	1,438.24	11,115.24
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Halliburton Differential Fill FC					1.94	11,117.18
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3	29#	S-95	8rd LT&C	Yes	111.38	11,228.56
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Casing Hardware: Halliburton Differential Fill Shoe					2.44	11,231.00
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Float shoe and collar type \_\_\_\_\_

Centralizer type and product number Halliburton S-3 7"

Centralizers installed on the following joints 5' above float shoe, 10' below float collar

Other equipment (liner hanger, D.V. collar, etc.) \_\_\_\_\_

## Cement Volume:

Caliper type \_\_\_\_\_ . Caliper volume 1794 ft<sup>3</sup> + excess over caliper

606 ft<sup>3</sup> + float collar to shoe volume 24 ft<sup>3</sup> + liner lap \_\_\_\_\_ ft<sup>3</sup>

+ cement above liner \_\_\_\_\_ ft<sup>3</sup> = 2424 ft<sup>3</sup> (Total Volume).

## Cement:

Preflush-Water 25 bbls, other Mud Flush Volume 25 bbls

First stage, type and additives Pozmix 140

\_\_\_\_\_ . Weight 14.0 lbs/gal, yield 1.18

ft<sup>3</sup>/sk, volume 1800 sx. Pumpability 4+ hours at 250 °F.

Second stage, type and additives 200 sx Class "H" w/35% Silica Flour w/0.3% HR-7

\_\_\_\_\_ . Weight \_\_\_\_\_ lbs/gal, yield \_\_\_\_\_

ft<sup>3</sup>/sk, volume 200 sx. Pumpability 4+ hours at 250 °F.

## Cementing Procedure:

~~Reciprocate~~ While circ mud

Displacement rate 8 to 3 bbls

Percent returns during job 100

~~Backpack~~ plug at 2:15 ~~PM~~ with 3500 psi. Bled back 2-1/2 bbls. Hung csg

with 265,000 lbs on slips.

## Remarks:

Lacked 17 bbls bumping plug. Hole sloughing and cement locked up.

Drilling Foreman J. B. Smith  
Date 7/12/74