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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease STATE ☐ FEE ☒
5. State Oil & Gas Lease No.
7. Unit Agreement Name
8. Farm or Lease Name Santa Fe
9. Well No. #3
10. Field and Pool, or Wildcat Wildcat <i>Entrada</i>
12. County Sandoval
19. Proposed Depth 11,000'
19A. Formation Entrada
20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 6282 GL
21A. Kind & Status Plug Bond \$10,000 Plug'g Bond
21B. Drilling Contractor Unknown at this time
22. Approx. Date Work will start April 15, 1976

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work	DRILL ☒ DEEPEN ☐ PLUG BACK ☐
b. Type of Well	OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐
2. Name of Operator	Shell Oil Company
3. Address of Operator	1700 Broadway, Denver, Colorado 80202
4. Location of Well	UNIT LETTER <u>J</u> LOCATED <u>1652</u> FEET FROM THE <u>South</u> LINE AND <u>2310</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>28</u> TWP. <u>13N</u> RGE. <u>1E</u> NMPM
19. Proposed Depth	11,000'
19A. Formation	Entrada
20. Rotary or C.T.	Rotary
21. Elevations (Show whether DF, RT, etc.)	6282 GL
21A. Kind & Status Plug Bond	\$10,000 Plug'g Bond
21B. Drilling Contractor	Unknown at this time
22. Approx. Date Work will start	April 15, 1976

PROPOSED CASING AND CEMENT PROGRAM

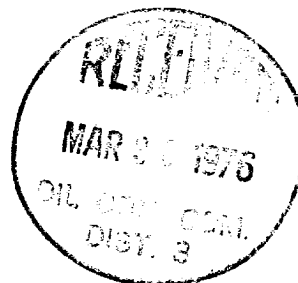
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	13-3/8"	54.5#	1000'±		To surface
12-1/4"	9-5/8"	36.0#	7000'±		Btm 3000'

Attachments:

- Well Location & Acreage Dedication Plat
- Drilling Prognosis

**APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,**

EXPIRES *June 28, 1976*



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 J. W. Linnell Title Division Operations Engineer Date March 25, 1976

(This space for State/Use)

APPROVED BY [Signature] TITLE SUPERVISOR DIST. #3 DATE MAR 30 1976

CONDITIONS OF APPROVAL, IF ANY:

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.

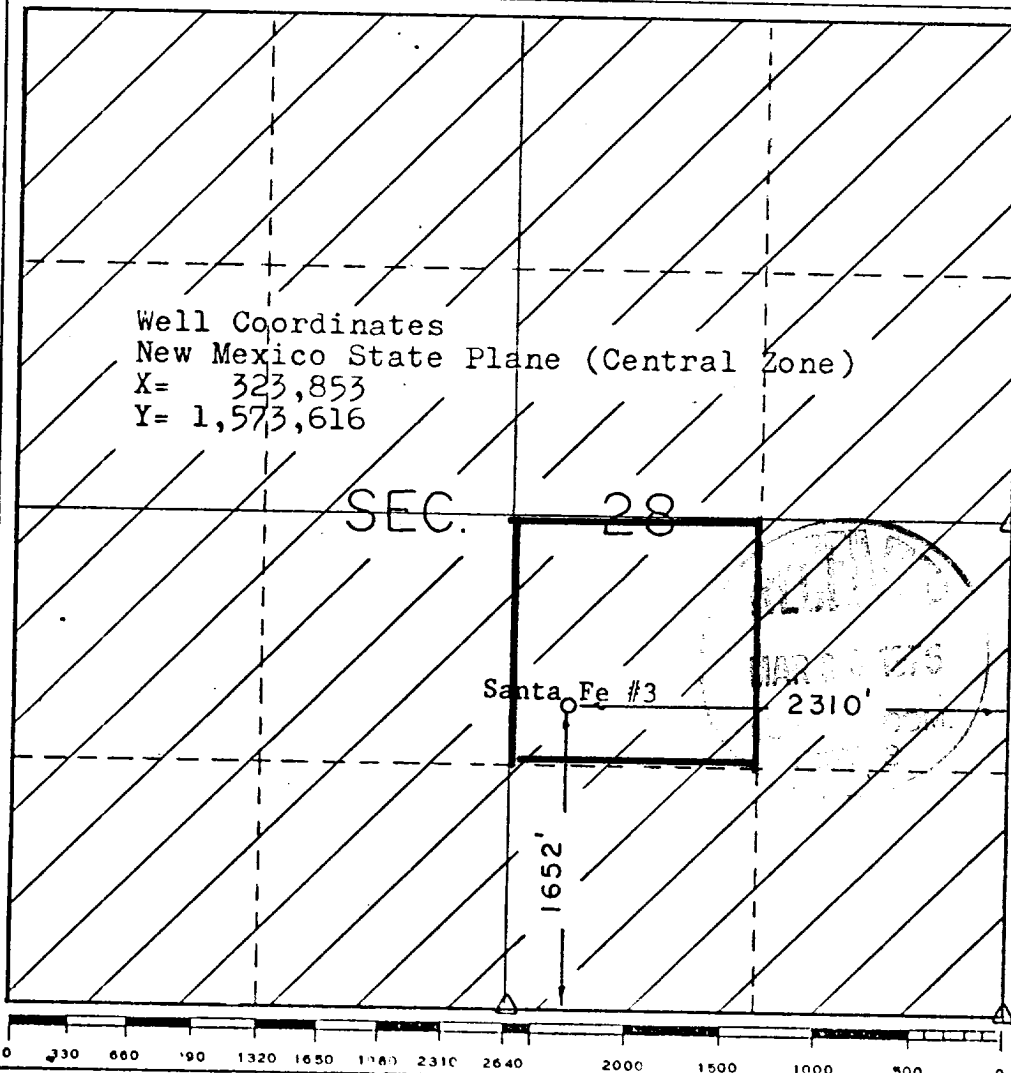
Operator Shell Oil Company			Lease Santa Fe		Well No. #3
Unit Le ter	Section 28	Township 13 N	Range R 1 E	County Sandoval	
Actual Footage Location of Well: 1652 feet from the South line and 2310 feet from the East line					
Ground Level Elev. 6282	Producing Formation Entrada		Pool Wildcat	Dedicated Acreage: 640 40 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.

Name *J. W. Kimmel*
Position *J. W. Kimmel*
Division Operations Engr.
Company
Shell Oil Company
Date
March 25, 1976

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 18, 1976
Registered Professional Engineer and/or Land Surveyor
William P. Pettit
William P. Pettit
Certificate No.
N.M.L.S. No. 3243

NEW WELL PLUGGED AND ABANDONED

CACTUS AREA

SHELL OIL COMPANY

LEASE SANTA FE

WELL NO. #3

DIVISION WESTERN

ELEV 6281 KB

FROM: 4/19/76 - 6/28/76

COUNTY SANDOVAL

STATE NEW MEXICO

NEW MEXICOCACTUS AREA

Santa Fe #3

(WC) Noble N-85

11,000' Entrada Test

EL 6281' GR

"FR" 190/60/1/190. Drlg. Located 1652' FSL & 2310' FEL, NW/4 SE/4 Sec. 28-T13N-R1E, Sandoval County, New Mexico. Shell's Working Interest: 100%. Spudded 2 AM 4/19/76.

Mud: 8.5 x 33 x 70.0

APR 19 1976

Santa Fe #3

(WC) Noble N-85

11,000' Entrada Test

EL 6281' GR

1000/60/2/810. Prep to run csg. Dev: 3/4 deg @ 190', 1-3/4 deg @ 400' & 520'.

Mud: (.551) 10.6 x 58 x 20

APR 20 1976

Santa Fe #3

(WC) Noble N-85

11,000' Entrada Test

EL 6281' GR

13-3/8" csg @ 994'

1000/60/3/0. WOC. Ran 23 jts (1011') of 13-3/8" K55, ST&C, 40# csg. Howco Shoe @ 994, Howco Fillup Collar @ 951'. Howco cmt'd w/1200 sx Class "B" w/3% CaCl2 & 1/4 of 1% Flocele. Displaced w/120 BW leaving 176' cmt in csg as csg moved 6' up hole. CIP 6 p.m.

APR 21 1976

Santa Fe #3

(WC) Noble N-85

11,000' Entrada Test

EL 6281' GR

13-3/8" csg @ 994'

1000/60/3/0. Nippling up.
Mud: Water

APR 22 1976

Santa Fe #3

(WC) Noble N-85

11,000' Entrada Test

EL 6281' GR

13-3/8" csg @ 994'

1095/60/5/95. Mix'g mud.
Mud: (.436) 8.4 x 33

APR 23 1976

Santa Fe #3
(WC) Noble N-85
11,000' Entrada Test
EL 6281' GR
13-3/8" csg @ 994'

4/24: 2005/60/6/910. Drlg. Lost 100 bbls mud before
seepage sealed. Dev: 3-1/2 deg @ 1258', 5 deg @ 1467',
4-1/4 deg @ 1561, 3 deg @ 1687', 2-1/4 deg @ 1844' & 3-1/4
deg @ 2005'.
Mud: (.452) 8.7 x 33 x 50

4/25: 3000/60/7/995. Drlg. Dev: 2-1/2 deg @ 2172', 1
deg @ 2397' & 2689', 3 deg @ 2970' & 3-1/2 deg @ 3052'.
Mud: (.473) 9.1 x 33 x 53

4/26: 3292/60/8/292. TIH. Dev: 3-1/4 deg @ 3219'.
Mud: (.468) 9.0 x 33 x 51

APR 26 1976

Santa Fe #3
(WC) Noble N-85
11,000' Entrada Test
EL 6281' GR
13-3/8" csg @ 994'

4012/60/9/720. Drlg. Dev: 2 deg @ 3408' & 3589', 4 deg
@ 3787', 1-1/2 deg @ 3986'.
Mud: (.462) 8.9 x 37 x 21

APR 27 1976

Santa Fe #3
(WC) Noble N-85
11,000' Entrada Test
EL 6281' GR
13-3/8" csg @ 994'

4022/60/10/110. Drlg.
Mud: (.457) 8.8 x 36 x 16.8

APR 28 1976

Santa Fe #3
(WC) Noble #85
11,000' Entrada Test
EL 6281' GR
13-3/8" csg @ 994'

4540/60/11/418 (Depth on rept of 4/28 S/B 4122). Drlg.
Dev: 1-3/4 deg @ 4227', 2-1/4 deg @ 4141', 2-3/4 deg @
4415'.
Mud: (.478) 9.2 x 50 x 15.6

APR 29 1976

Santa Fe #3
(WC) Noble #85
11,000' Entrada Test
EL 6281' GR
13-3/8" csg @ 994'

4710/60/12/170. Log'g. Ran Dual Ind & SP. Dev: 2-3/4
deg @ 4642' & 2 deg @ 4700'.
Mud: (.478) 9.2 x 40 x 12.4

APR 30 1976

Santa Fe #3
(WC) Noble #85
11,000' Entrada Test
EL 6281' GR
13-3/8" csg @ 994'
9-5/8" csg @ 4708'

5/1: 4710/60/13/0. Prep to run csg. Ran Sonic/Cal/GR
and Dipmeter & Cal from 4693-994'. Took 15 side wall cores
& rec'd 9. Ran Eastman multishot from 4693-994'.
Mud: (.488) 9.4 x 39 x 11.2

5/2: 4710/60/14/0. NU BOP's. Ran 108 jts 9-5/8" 40# S95
ST&C csg. DV Collar @ 2950, FC @ 4619 & Shoe # 4708. Cmt'd
1st stage w/500 sx Lite foll'd w/375 sx Class H w/.5 of 1%
CFR2. Plug in place 3:30 p.m. 5/1/76. No indication of
cmt to sfc. Cmt'd 2nd stage w/775 sx Lite. Plug in place
11:30 p.m. 5/1/76.

No mud

5/3: 4710/60/15/0. Testing BOP's.
No mud

MAY 03 1976

Santa Fe #3
(WC) Noble #85
11,000' Entrada Test
EL 6281' GR
13-3/8" csg @ 994'
9-5/8" csg @ 4708'

4777/60/16/67. Prep to drl. Found top of cmt @ 2943'.
CO cmt to 4700. Tested csg to 3000#, ok.
Mud: (.478) 9.2 x 32 x 50

MAY 04 1976

Santa Fe #3
(WC) Noble #85
11,000' Entrada Test
EL 6281' GR
13-3/8" csg @ 994'
9-5/8" csg @ 4708'

4964/60/17/187. Drlg. Dev: 2-1/2 deg @ 4786' S30E,
4-1/2 deg @ 4859' S48E, 5-1/2 deg @ 4954' S49E.
Mud: (.488) 9.4 x 32 x 20.2

MAY 05 1976

Santa Fe #3
(WC) Noble #85
11,000' Entrada Test
EL 6281' GR
13-3/8" csg @ 994'
9-5/8" csg @ 4708'

5157/60/18/193. POOH. Dev: 7 deg @ 5048' S49E, 7-1/2
deg @ 5113' S47E, 7-3/4 deg @ 5131' S55E.
Mud: (.488) 9.4 x 45 x 15

MAY 06 1976

Santa Fe #3
(WC) Noble #85
11,000' Entrada Test
EL 6281' GR
13-3/8" csg @ 994'
9-5/8" csg @ 4708'

5318/60/19/161. Drlg. Dev: 9-1/4 deg @ 5207' S68E,
10-1/2 deg @ 5300' S68E.
Mud: (.494) 9.5 x 36 x 11.5

MAY 07 1976

Santa Fe #3
(WC) Noble #85
11,000' Entrada Test
EL 6281' GR
13-3/8" csg @ 994'
9-5/8" csg @ 4708'

5/8: 5638/60/20/320. Drlg. Dev: 11-1/4 deg @ 5363 S76E,
13-1/4 deg @ 5452' S78E, 15-1/4 deg @ 5551' S79E, 17-1/4
deg @ 5644' S76E.

Mud: (.494) 9.5 x 44 x 10.2

5/9: 5751/60/21/113. Bld'g mud vol. While taking survey,
pipe stuck; jarred loose. Excessive drag & tight spts.
Drl'd to 5750 & cond mud. Pipe still drag'g. Circ'd &
cond'd mud; very little drag. Tried survey; pipe try'g
to stick. POOH.

Mud: (.488) 9.4 x 52 x 11.9

5/10: 5751/60/22/0. RIH. Washed to 5590 & reamed from
5590-5751. Circ & cond mud for survey. Dev: 18-1/2 deg
@ 5721' S75E. Strap'd out of hole. Ran Dynadrill & BHA
to 5693; pipe try'g to stick. POOH. RIH w/HW DP.

Mud: (.488) 9.4 x 43 x 11.9

MAY 10 1976

Santa Fe #3
(WC) Noble #85
11,000' Entrada Test
EL 6281' GR
13-3/8" csg @ 994'
9-5/8" csg @ 4708'

5863/60/23/112. Drlg. Dev: 20 deg @ 5849' S77E.
Mud: (.483) 9.3+ x 51 x 6.2

MAY 11 1976

Santa Fe #3
(WC) Noble #85
11,000' Entrada Test
EL 6281' GR
13-3/8" csg @ 994'
9-5/8" csg @ 4708'

6079/60/24/216. Washed to btm; prep to drl. Dev:
23 deg 45' S79E. Coord last station: MD 6069, Drift
23 deg 45', Direction S79E, TVD 6024.84, V Sec 277.91,
S 210.87, E 263.87.

Mud: (.488) 9.4 x 43 x 5.4

MAY 12 1976

Santa Fe #3
(WC) Noble #85
11,000' Entrada Test
EL 6281' GR
13-3/8" csg @ 994'
9-5/8" csg @ 4708'

6497/60/25/418. Drlg. Dev: 23 deg 45' @ 6232' S77E &
24 deg 0' @ 6450' S76E.
Mud: (.504) 9.7 x 46 x 6.4

MAY 13 1976

Santa Fe #3
(WC) Noble #85
11,000' Entrada Test
EL 6281' GR
13-3/8" csg @ 994'
9-5/8" csg @ 4708'

6929/60/26/432. Drlg. Dev: 22 deg 15' @ 6919' S74E.
Mud: (.509) 9.8+ x 52 x 6.9

MAY 14 1976

Santa Fe #3
(WC) Noble #85
11,000' Entrada Test
EL 6281' GR
13-3/8" csg @ 994'
9-5/8" csg @ 4708'

5/15: 7303/60/27/374. Run'g surveys. Dev: 7013'
22-3/4 deg S71E, 7138' 23 deg S74E, 7293' 22-1/4 deg S72E.
Mud: (.520) 10 x 52 x 5.3
5/16: 7579/60/28/276. Drlg. Dev: 7421' 20-3/4 deg
S67E, 7547' 19-3/4 deg S65E.
Mud: (.520) 10 x 48 x 6
5/17: 7738/60/29/159. Drlg. Dev: 7608' 19-1/2 deg S65E,
7673' 18-1/4 deg S63E; Coord Last Station - MD 7738', Drift
18-1/4 deg, Direction S63E, TVD 7557.65, V Sec 877.97,
S 394.48, E 864.28.
Mud: (.514) 9.9 x 44 x 6.2

MAY 17 1976

Santa Fe #3
(WC) Noble #85
11,000' Entrada Test
EL 6281' GR
13-3/8" csg @ 994'
9-5/8" csg @ 4705'

7927/60/30/189. Drlg. Dev: 7823' 18 deg S64E,
7917' 18-1/4 deg S60E.
Mud: (.509) 9.8+ x 46 x 6.8

MAY 18 1976

Santa Fe #3
(WC) Noble #85
11,000' Entrada Test
EL 6281' GR
13-3/8" csg @ 994'
9-5/8" csg @ 4705'

8288/60/31/361. Drlg. Dev: 8074' 18-1/4 deg S59E,
8231' 17-3/4 deg S57E.
Mud: (.509) 9.8+ x 53 x 6

MAY 19 1976

Santa Fe #3
(WC) Noble #85
11,000' Entrada Test
EL 6281' GR
13-3/8" csg @ 994'
9-5/8" csg @ 4705'

8426/60/32/138. Drlg. Hit tight spts from 4990-4910. CO
bridge @ 4921. Dev: 8294' 17-3/4 deg S53E. Coord Last
Station: MD 8356, Drift 18-1/4, Direction S53E, TVD
8154.91, V Section 1064.47, S 493.56, E 1030.73.
BG: 3-5, Trip: 53.
Mud: (.509) 9.8 x 46 x 7.9

MAY 20 1976

Santa Fe #3
(WC) Noble #85
11,000' Entrada Test
EL 6281' GR

8722/60/33/296. Working stuck pipe @ 8692. Dev: 8452'
18-3/4 deg S51E, 8545' 19-1/2 deg S48E, 8643' 19-3/4 S48E.
BG: 5, Conn: 0.
Mud: (.514) 9.9 x 55 x 7.8

MAY 21 1976

Santa Fe #3
(WC) Noble #85
11,000' Entrada Test
EL 6281' GR
13-3/8" csg @ 994'
9-5/8" csg @ 4708'

5/22: 8861/60/34/139. Drlg. Worked pipe loose. Found
tight spts @ 6374', 5966' & 4837'. Dev: 8828' 21 deg
S46E. BG: 5 to 10, Trip: 30.
Mud: (.509) 9.8 x 40 x 7.6
5/23: 8998/60/35/137. Prep to log. Circ & cond mud to log.
Dev: 8951' 23 deg S43E. BG: 2 to 8, no Trip or Conn.
Mud: (.514) 9.9 x 49 x 5
5/24: 8998/60/36/0. Working stuck pipe. Ran SP/GR/Cal,
MSFL, DLL & Dipmeter from 8974-4708'. RIH & hit tight spt
@ 8781; jars not working.
Mud: (.509) 9.8 x 42 x 6

MAY 24 1976

Santa Fe #3
(WC) Noble #85
11,000' Entrada Test
EL 6281' GR
13-3/8" csg @ 994'
9-5/8" csg @ 4708'

8998/60/37/0. Jar'g on fish. Pipe stuck @ 8781. RIH
w/string shot & backed off @ 7978 (pipe free @ 7978).
Mud: (.514) 9.9 x 48 x 5.2

MAY 25 1976

Santa Fe #3
(WC) Noble #85
11,000' Entrada Test
EL 6281' GR
13-3/8" csg @ 994'
9-5/8" csg @ 4708'

8998/60/38/0. Work'g pipe & spt'g fluid. RIH w/WL &
perf'd btm of monel @ 8779; could not circ. Perf'd
btm of HWDP @ 8605-8602; could not circ. Reperf'd @
8605. Circ'd & spt'd 60 bbls Reliese, leaving 15 bbls
in DP. RIH w/Freeport; tool inoperative.
Mud: (.514) 9.9 x 48 x 5.2

MAY 26 1976

Santa Fe #3
(WC) Noble #85
11,000' Entrada Test
EL 6281' GR
13-3/8" csg @ 994'
9-5/8" csg @ 4708'

8998/60/39/0. Working stuck pipe. Ran Freeport; free to
top of jars @ 8605. Attempted to back off @ 8605, but
backed off above fish'g tools. Made up & backed off below
fish'g tools. Made up & circ'd & cond'd mud. Spt'd 61
bbls diesel thru holes @ 8600. Worked pipe till jars
failed. Freeport backed off @ 8417' leaving 6 jts hvy
wall in hole.
Mud: (.488) 9.4 x 40 x 4 (Oil 6%)

MAY 27 1976

Santa Fe #3
(WC) Noble #85
11,000' Entrada Test
EL 6281' GR
13-3/8" csg @ 994'
9-5/8" csg @ 4708'

8998/60/40/0. TOOH. RIH & worked thru tight spt @ 8171.
Circ'd @ 8420'. Remaining fish: 8-3/4 bit, stab, X-over,
Monel collar, stab, 1 DC, stab, 2 DC's, stab, X-over, jars
& 6 jts hvy wt DP.
Mud: (.494) 9.5+ x 46 x 4.2 (Oil 4%)

MAY 28 1976

Santa Fe #3
(WC) Noble #85
11,000' Entrada Test
EL 6281' GR
13-3/8" csg @ 994'
9-5/8" csg @ 4708'
Sidetracked Hole @ 8233'

5/29: 8998/60/41/0. Prep to spt cmt plug. Circ'd &
worked pipe to top of fish @ 8421. Stuck tools; worked
loose & LD fish'g tools.
Mud: (.494) 9.5 x 45 x 4.3 (Oil 4%)
5/30: 8167/60/42/0. Trip'g in hole. Set cmt plug using
156 sx Neat Class H w/1-1/2% CFR2 & .3 of 1% HR7/sx. WOC
7 hrs.
Mud: (.468) 9.0 x 46 x 7.7 (Oil 2%)
5/31: New TD 8233/60/43/114. Trip'g. Drld cmt from 8119
to 8233.
Mud: (.483) 9.3 x 40 x 5.3 (Oil 4%)
6/1: 8233/60/44/0. Cond'g mud. CO 60' of fill.
Mud: (.494) 9.5 x 52 x 5.5 (Oil 6%)

JUN 01 1976

Santa Fe #3
(WC) Noble #85
11,000' Entrada Test
EL 6281' GR
13-3/8" csg @ 994'
9-5/8" csg @ 4708'
Sidetracked Hole @ 8233'

8297/60/45/64. Trip'g. CO 15' fill.
Mud: (.488) 9.4 x 54 x 4.7 (Oil 5%)

JUN 02 1976

Santa Fe #3
(WC) Noble #85
11,000' Entrada Test
EL 6281' GR
13-3/8" csg @ 994'
9-5/8" csg @ 4708'
Sidetracked Hole @ 8233'

8576/60/46/279. Drlg. Dev: 8326' 16-1/4 deg S67E,
8482' 18-1/2 deg S70E.
Mud: (.494) 9.5 x 48 x 5.2

JUN 03 1976

Santa Fe #3
(WC) Noble #85
11,000' Entrada Test
EL 6281' GR
13-3/8" csg @ 994'
9-5/8" csg @ 4708'
Sidetracked Hole @ 8233'

8777/60/47/201. Drlg. Dev: 8636' 21 deg S61E.
Mud: (.504) 9.7 x 57 x 4.9 (Oil 5%)

JUN 04 1976

Santa Fe #3
(WC) Noble #85
11,000' Entrada Test
EL 6281' GR
13-3/8" csg @ 994'
9-5/8" csg @ 4708'
Sidetracked Hole @ 8233'

6/5: 9037/60/48/260. Drlg. Dev: 8987' 24 deg S55E,
8795' 22-1/2 deg S58E.
Mud: (.514) 9.9 x 55 x 6.1 (Oil 4.5%)
6/6: 9115/60/49/78. Reaming to btm.
Mud: (.520) 10 x 58 x 5.6 (Oil 5%)
6/7: 9171/60/50/56. Drlg. Coord last sta: MD 9139,
Drift 25-3/4, Direction S57E, TVD 8882, V Sec 1293.43,
634.57 S, 1280.9 E.
Mud: (.514) 9.9 x 48 x 6 (Oil 4%)

JUN 07 1976

Santa Fe #3
(WC) Noble #85
11,000' Entrada Test
EL 6281' GR
13-3/8" csg @ 994'
9-5/8" csg @ 4708'
Sidetracked Hole @ 8233'

9257/60/51/86. Drlg.
Mud: (.514) 9.9 x 55 x 6 (Oil 4%)

JUN 08 1976

Santa Fe #3
(WC) Noble #85
11,000' Entrada Test
EL 6281' GR
13-3/8" csg @ 994'
9-5/8" csg @ 4708'
Sidetracked Hole @ 8233'

9387/60/52/130. Drlg.
Mud: (.514) 9.9 x 50 x 6.1 (Oil 4%)

JUN 09 1976

Santa Fe #3
(WC) Noble #85
11,000' Entrada Test
EL 6281' GR
13-3/8" csg @ 994'
9-5/8" csg @ 4708'
Sidetracked Hole @ 8233'

9432/60/53/45. Reaming. Washed from 8543-8920.
Mud: (.514) 9.9 x 61 x 5.4 (Oil 4%)

JUN 10 1976

Santa Fe #3
(WC) Noble #85
11,000' Entrada Test
EL 6281' GR
13-3/8" csg @ 994'
9-5/8" csg @ 4708'
Sidetracked Hole @ 8233'

9432/60/54/0. Prep to drl. CO to btm.
Mud: (.514) 9.9 x 55 x 9.8 (Oil 4%)

JUN 11 1976

Santa Fe #3
(WC) Noble #85
11,000' Entrada Test
EL 6281' GR
13-3/8" csg @ 994'
9-5/8" csg @ 4708'
Sidetracked Hole @ 8233'

6/12: 9602/60/55/170. Drlg. Tight spts @ 9355 & 9284.
Mud: (.514) 9.9+ x 48 x 5.8 (Oil 3%)
6/13: 9824/60/56/222. Trip'g.
Mud: (.514) 9.9+ x 49 x 6.8 (Oil 2.5%)
6/14: 9960/60/57/136. Drlg.
Mud: (.520) 10 x 51 x 5.9 (Oil 3%)

JUN 14 1976

Santa Fe #3
(WC) Noble #85
11,000' Entrada Test
EL 6281' GR
13-3/8" csg @ 994'
9-5/8" csg @ 4708'
Sidetracked Hole @ 8233'

9979/60/58/19. Drlg. Washed from 8650-9974.
Mud: (.514) 9.9+ x 48 x 6.2 (Oil 3%)

JUN 15 1976

Santa Fe #3
(WC) Noble #85
11,000' Entrada Test
EL 6281' GR
13-3/8" csg @ 994'
9-5/8" csg @ 4708'
Sidetracked Hole @ 8233'

10,067/60/59/88. Reaming. Dev: 13-1/2 deg @ 10,067'.
Mud: (.525) 10.1 x 61 x 6.9 (Oil 3%)

JUN 16 1976

Santa Fe #3
(WC) Noble #85
11,000' Entrada Test
EL 6281' GR
13-3/8" csg @ 994'
9-5/8" csg @ 4708'
Sidetracked Hole @ 8233'

10,151/60/60/84. Drlg. Washed & reamed from 8419-10,067.
Mud: (.525) 10.1 x 58 x 7.3 (Oil 5%)

JUN 17 1976

Santa Fe #3
(WC) Noble #85
11,000' Entrada Test
EL 6281' GR
13-3/8" csg @ 994'
9-5/8" csg @ 4708'
Sidetracked Hole @ 8233'

10,276/60/61/125. POOH. Circ'd & cond'd hole
Mud: (.525) 10.1 x 59 x 7.8 (Oil 5%)

JUN 18 1976

Santa Fe #3
(WC) Noble #85
11,000' Entrada Test
EL 6281' GR
13-3/8" csg @ 994'
9-5/8" csg @ 4708'
Sidetracked Hole @ 8233'

6/19: 10,276/60/62/0. Fishing. Stuck @ 8686.
Mud: (.525) 10.1 x 59 x 7.8 (Oil 5%)
6/20: 10,276/60/63/0. Washing to btm.
Mud: (.525) 10.1 x 59 x 7.8 (Oil 5%)
6/21: 10,276/60/64/0. Trip'g. Circ'd & cond'd hole;
stuck @ 7300'.
Mud: (.530) 10.2 x 53 x 6.5 (Oil 4%)

JUN 21 1976

Santa Fe #3
(WC) Noble #85
11,000' Entrada Test
EL 6281' GR
13-3/8" csg @ 994'
9-5/8" csg @ 4708'
Sidetracked Hole @ 8233'

10,276/60/65/0. Run'g Seismic Reference. Ran Sonic log.
Mud: (.530) 10.2 x 53 x 6.5 (Oil 4%)

JUN 22 1976

Santa Fe #3
(WC) Noble #85
11,000' Entrada Test
EL 6281' GR
13-3/8" csg @ 994'
9-5/8" csg @ 4708'
Sidetracked Hole @ 8233'

10,276/60/66/0. Strip'g over WL. Ran SRS to 9635 (unable to go deeper); set off all but 2 chrgs. Ran DLL. Ran SRS to 10,020 for final 2 shots (ran 14' ext on SRS). SRS stuck @ 10,020.
Mud: (.530) 10.2 x 53 x 6.5 (Oil 4%)

JUN 23 1976

Santa Fe #3
(WC) Noble #85
11,000' Entrada Test
EL 6281' GR
13-3/8" csg @ 994'
9-5/8" csg @ 4708'
Sidetracked Hole @ 8233'

10,276/60/67/0. Run'g sidewall gun. Rec'd fish.
Mud: (.530) 10.2 x 53 x 6.5 (Oil 4%)

JUN 24 1976

Santa Fe #3
(WC) Noble #85
11,000' Entrada Test
EL 6281' GR
13-3/8" csg @ 994'
9-5/8" csg @ 4708'
Sidetracked Hole @ 8233'

10,276/60/68/0. Prep to plug. Ran sidewall core & multi-shot & RD Schl.
Mud: (.530) 10.2 x 53

JUN 25 1976

Santa Fe #3
(WC)
11,000' Entrada Test
EL 6281' GR
13-3/8" csg @ 994'
9-5/8" csg @ 4708'
Sidetracked Hole @ 8233'

TD 10,276. Howco pmp'd 20 BW ahead & 3 bbls behind each plug. Plug #1 OE DP @ 10,200 equalized 83 cu ft. Plug #2 OE DP @ 8836 equalized 222 cu ft. Plug #3 OE DP @ 7565 equalized 159 cu ft. Plug #4 OE DP @ 4900 equalized 132 cu ft. Plug #5 OE DP @ 2700 equalized 206.5 cu ft. Removed BOP, washed bits & LD DP. Released rig 4 p.m. 6/26/76. ABANDONMENT MARKER INSTALLED. P&A COMPLETE.
FINAL REPORT

JUN 28 1976

Santa Fe #3
(WC)
11,000' Entrada Test
KB 6299'
13-3/8" csg @ 994'
9-5/8" csg @ 4708'
Sidetracked Hole @ 8233'

TD 10,276. (Addition to rept of 6/28/76: KB 6299'.
Log Tops: Menefee 4144 (2155)
Pt. Lookout SS 6138 (161)
Dalton SS 6721 (-422)
Gallup 7404 (-1105)
Greenhorn 8547 (-2248)
Dakota 8731 (-2432)
Morrison 9078 (-2779)
Todalto 10,017 (-3718)
Entrada 10,140 (-3841)
Chinle 10,164 (-3865)