

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
Revised 1-1-89

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

OIL CONSERVATION DIVISION
2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO. 30-045-298525
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. E6714-8
7. Lease Name or Unit Agreement Name WF State 32
8. Well No. #1
9. Pool name or Wildcat

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. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>
2. Name of Operator Richardson Operating Company
3. Address of Operator 1700 Lincoln Street, Suite 1700 Denver, CO 80203
4. Well Location Unit Letter 0 : 1150 Feet From The South Line and 1670 Feet From The East Line Section 32 Township 30N Range 14W NMPM San Juan County
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 5436' GR

1. 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"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
WILL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
OTHER: <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <input type="checkbox"/>
	OTHER: See Below <input checked="" type="checkbox"/>

2. 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.

Well completed as per attached frac treatment report

I hereby certify that the information above is true and complete to the best of my knowledge and belief.	
SIGNATURE <u>John C. Thompson</u>	TITLE <u>Agent/Engineer</u>
DATE <u>8-17-99</u>	TELEPHONE NO. <u></u>

(is space for State Use)

APPROVED BY <u>ORIGINAL SIGNED BY ERNIE BUSCH</u>	DEPUTY OIL & GAS INSPECTOR, DIST. <u>AS</u>	DATE <u>AUG 23 1999</u>
CONDITIONS OF APPROVAL, IF ANY:		

FRACTURE TREATMENT REPORT

Operator: Richardson Operating Well Name: WF State 32-1
Date: March 18, 1999
Field: Pictured Cliffs Location: 32/30N14W County: San Juan State: NM
Stimulation Company: Dowell Supervisor: John Thompson

Stage #: 1/1

Sand on location (design): 60,000# Weight ticket: 55,360# Size/type: 16/30 Arizona

Fluid on location : No. of Tanks: 1 Strap: Amount: 380 Usable: 360

Depth: 905' - 920' Total Holes: 45 PBD: 1059'

Shots per foot: 3 spf EHD: 0.30"

Acid: n/a

Balls: n/a

Pressure: 2280# Rate: 1.8 bpm

ATP: 1080# AIR: 30 bpm

MTP: 2280# MIR: 31.2 bpm

ISIP: 740#
5 min: 610#
10 min: 580#
15 min: 687#

pad
1 ppg
2 ppg
3 ppg
4 ppg

16 cps @ 70 degrees
break @ 36 min

Job Complete at: 18:11 hrs. Date: 2/28/99 Start flow back: 11:30 hrs. 2/28/99

Total Fluid Pumped: 273

Total Sand Pumped: 55,360# Total Sand on Formation: 55,360#

Total Nitrogen Pumped: 125,800 scf

Notes:

Additives: Foamer - 5 gal/1000 gal. Total 69 gal

Breakers - Enzyme breaker (total of 1/4 gal/1000 gal). Total 4 gal

Biocide - 3#

Used 57 gal of gel to mix w/ water - gelled tank measured 20#

Frac tank heated to 80 degrees

Signature _____