

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88241-1980

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-101  
Revised February 10, 1994

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88211-0719

OIL CONSERVATION DIVISION

**RECEIVED**  
MAY - 4 1999

Instructions on back  
Submit to Appropriate District Office

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

PO BOX 2088  
Santa Fe, NM 87504-2088

State Lease - 6 Copies  
Fee Lease - 5 Copies

DISTRICT IV  
PO Box 2088, Santa Fe, NM 87504-2088

OIL CON. DIV.  
DIST. 3

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK OR ADD A ZONE

Operator Name and Address Richardson Operating Company c/o Walsh Engineering 7415 E. Main St., Farmington, NM 87402		OGRID Number 019219
Property Code 24582		API Number 30-0 45-299 B
Property Name WF State 2		Well No. 1

7 Surface Location									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
A	2	30N	14W		800'	North	915'	East	San Juan

8 Proposed Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
9 Proposed Pool 1 Harper Hill Fruitland Sand - Pictured Cliffs Ext.					10 Proposed Pool 2 Basin Fruitland Coal				

11 Work Type Code N	12 Well Type Code M	13 Cable/Rotary R	14 Lease Type Code S	15 Ground Level Elevation 5750'
16 Multiple Yes	17 Proposed Depth 1600'	18 Formation Pictured Cliffs	19 Contractor L&B Speed Drill	20 Spud Date 6/1/99

21 Proposed Casing and Cement Program					
Hole Size	Casing Size	Casing weight/feet	Setting Depth	Sacks of Cement	Estimated TOC
8-3/4"	7"	20#	120'	50 sx.	Surface
6-1/4"	4-1/2"	10.5#	1600'	111 sx. w/ 2% metasl. plus 50 sx CI "B"	Surface

22 Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Richardson Operating proposes to drill a vertical well and test the Harper Hills FTS-PC Ext. formation and the Basin Fruitland Coal formation. The zones will be completed separately but downhole commingled. After the surface casing is set, an annular or double ram BOP will be installed and tested to 600 psi.

23 I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Paul C. Thompson</i>		OIL CONSERVATION DIVISION	
Printed name: Paul C. Thompson		Approved by: <i>Emil Busch</i> 5-5-99	
Title: Agent		Title: DEPUTY OIL & GAS INSPECTOR, DIST. 3	
Date: 05/03/99		Approval Date: MAY - 5 1999 Expiration Date: MAY - 5 2000	
Phone: 505.327.4892		Conditions of Approval Attached <input type="checkbox"/>	

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources

Form C-102  
Revised March 17, 1994

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

' API Number 30-045-29918		' Pool Code 78160	' Pool Name Harper Hill Fruitland Sand-PC Ext.
' Property Code 24582	' Property Name WF State		' Well Number 2-1
' OGRID No. 019219	' Operator Name RICHARDSON OPERATING COMPANY		' Elevation 5750'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	2	30 N	14 W		800'	North	915'	East	San Juan

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres 160	13 Joint or Infill Y	14 Consolidation Code	15 Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>16</p> <p>800'</p> <p>915'</p>	<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <p><i>Paul C. Thompson</i> Signature Paul C. Thompson Printed Name Agent Title 5/3/99 Date</p>		
		<p>18 SURVEYOR CERTIFICATION</p> <p>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 belief.</p> <p>Date of Survey Signature and Seal of Professional Surveyor</p> <p><i>Ernest G. Huddleston</i> REGISTERED LAND SURVEYOR NEW MEXICO 0004</p>	
			<p>Certificate Number</p>
			<p>RECEIVED MAY - 4 1999 OIL CON. DIV. DIST. 3</p>

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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

* API Number 30-045-29918		* Pool Code 71629	* Pool Name Basin Fruitland Coal
* Property Code 24582	* Property Name WT State		* Well Number 2-1
* OGRID No. 019219	* Operator Name RICHARDSON OPERATING COMPANY		* Elevation 5750'

<sup>10</sup> Surface Location

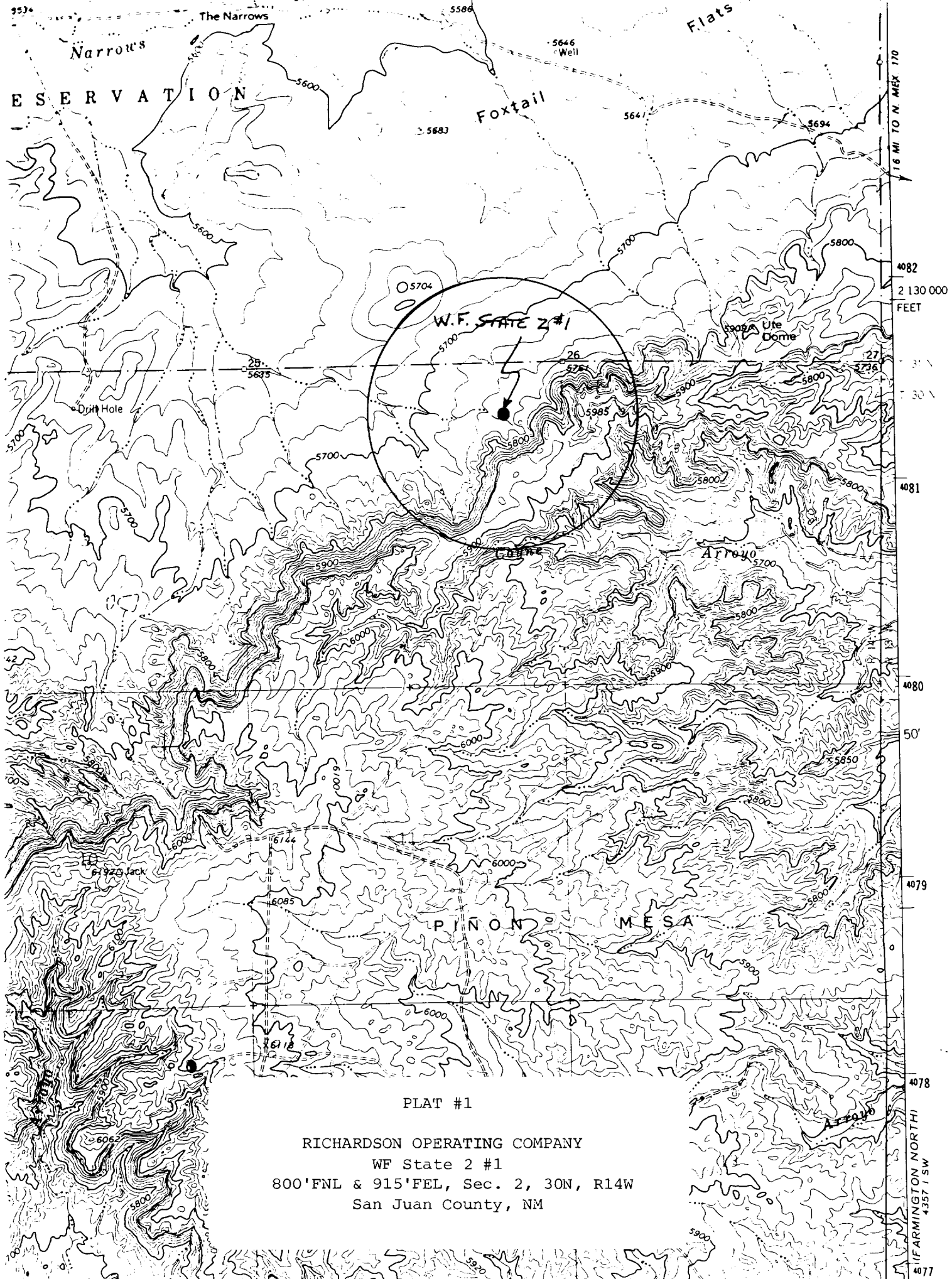
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	2	30 N	14 W		800'	North	915'	East	San Juan

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<sup>12</sup> Dedicated Acres 360		<sup>13</sup> Joint or Infill Y		<sup>14</sup> Consolidation Code		<sup>15</sup> Order No.			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

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				<p>Certificate Number</p>



RESERVATION

W.F. STATE 2 #1

PINON MESA

PLAT #1

RICHARDSON OPERATING COMPANY

WF State 2 #1

800'FNL & 915'FEL, Sec. 2, 30N, R14W

San Juan County, NM

1.6 MI. TO N. MEX. 170

4082  
2 130 000  
FEET

31'  
30'

4081

4080

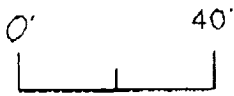
50'

4079

4078

4077  
IF ARMINGTON NORTH  
4357' SW

WF State # 2 - 1  
well pad and section  
800' FNL & 915' FEL



Scale 1" = 40'

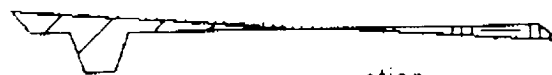
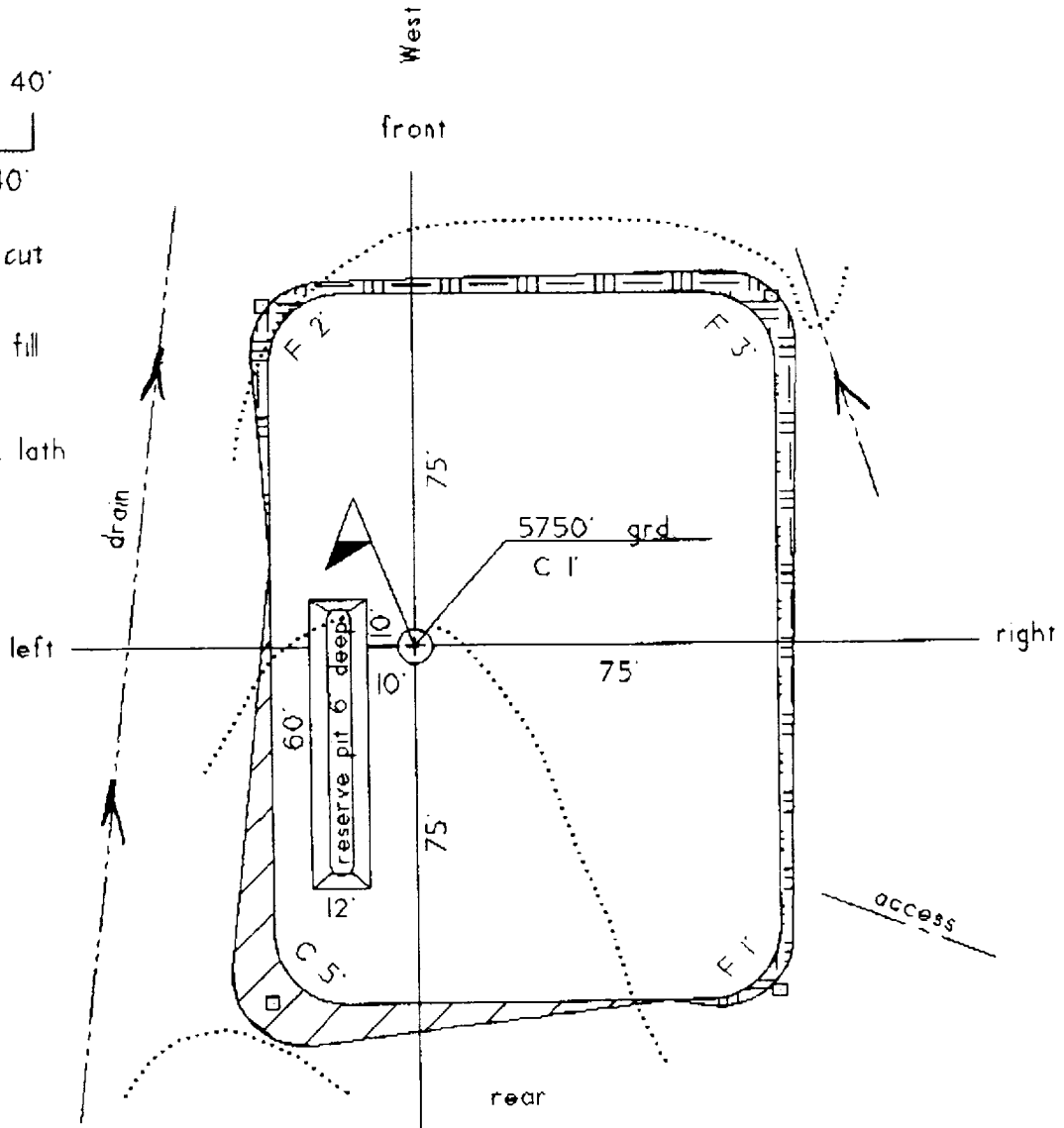


cut



fill

□ set stake & lath



section