

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

OIL CONSERVATION DIVISION
PO BOX 2088
Santa Fe, NM 87504-2088

CONFIDENTIAL

Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

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

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

AMENDED REPORT

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

Operator Name and Address Richardson Operating Company c/o Walsh Engineering and Production Corp. 7415 E. Main St., Farmington, NM 87402		OGRID Number 019219
Property Code 24723	Property Name WF State 36	API Number 30-045-29947
		Well No. 1

RECEIVED
JUN 21 1999
OIL CON. DIV.
DIST. 3

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
P	36	30N	15W		805	South	820	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
Proposed Pool 1 Harper Hill Fruitland Sand - PC Extension					Proposed Pool 2				

Work Type Code N	Well Type Code G	Cable/Rotary R	Lease Type Code S	Ground Level Elevation 5296'
Multiple No	Proposed Depth 800'	Formation Pictured Cliffs	Contractor L&B Speed Drill	Spud Date 7/15/99

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'	30	Surface
6-1/4"	4-1/2"	10.5#	800'	55 + 50	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 at the location described above and test the Pictured Cliffs formation. A double ram type or annular type blowout preventer, rated to 2000 psi will be installed on the surface casing. The BOP and surface casing will be tested to 600 psi. All subsequent operations will be conducted below the BOP.

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>Ernie Bush</i>	
Title: Agent		Title: DEPUTY OIL & GAS INSPECTOR, DIST. 3	
Date: 06/16/99		Approval Date: JUN 30 1999 Expiration Date: JUN 30 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

¹ API Number 30-045-29947		² Pool Code 78160 86620		³ Pool Name Twin Mound Harper Hill Fruitland Sand - PC Ext.	
⁴ Property Code 24733		⁵ Property Name WF State			⁶ Well Number 36-1
⁷ OGRID No. 019219		⁸ Operator Name RICHARDSON OPERATING COMPANY			⁹ Elevation 5296'

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
P	36	30 N	15 W		805'	South	820'	East	San Juan

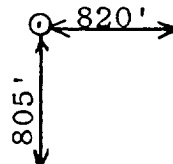
¹¹ Bottom Hole Location If Different From Surface

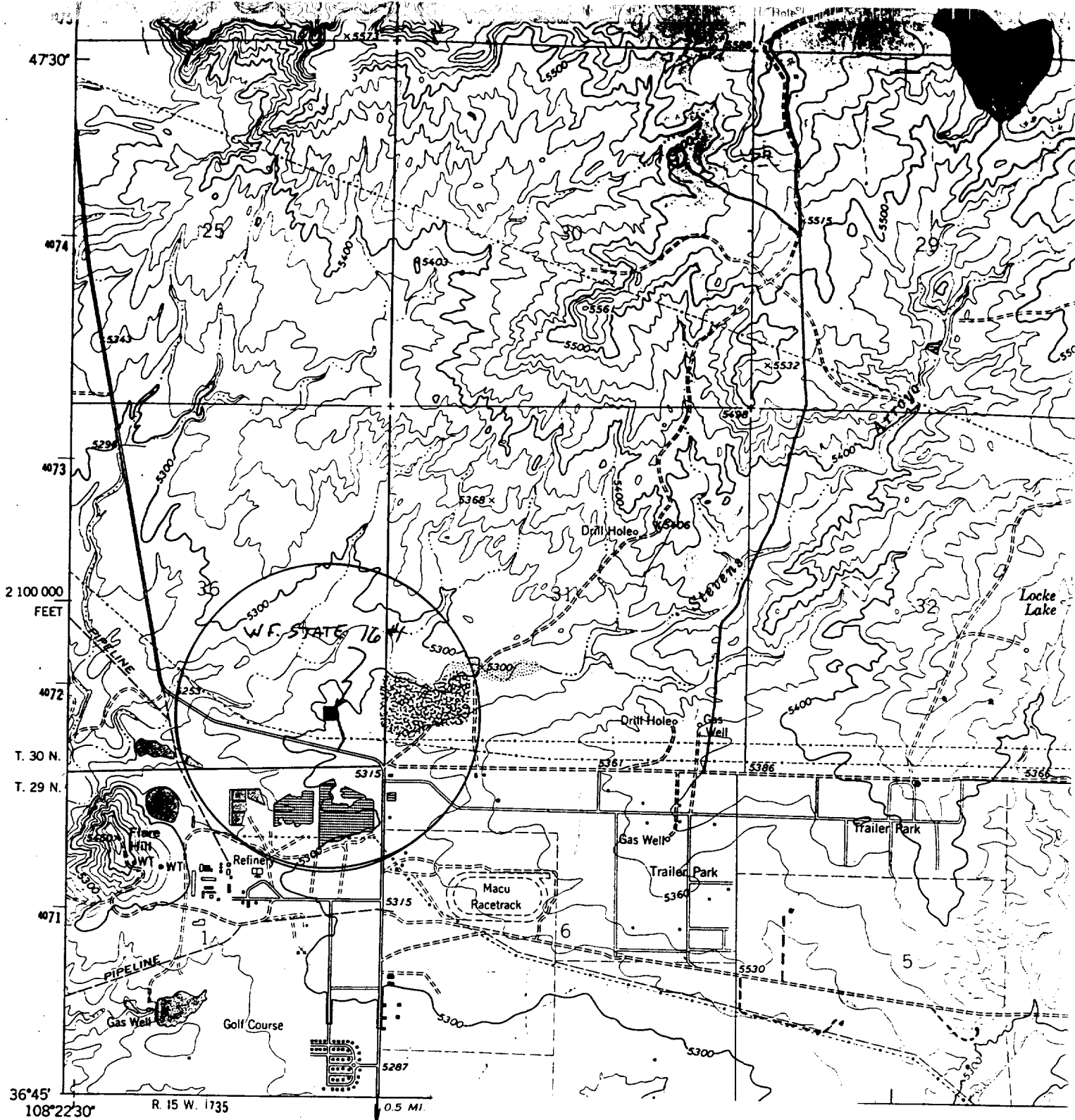
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres 168/16230 Y	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

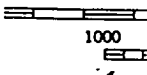
16	RECEIVED JUN 21 1999			<p>¹⁷ OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i></p> <p><i>Paul C. Thompson</i> Signature Paul C. Thompson Printed Name Agent Title 6/17/99 Date</p>
	OIL CON. DIV.			
	CONFIDENTIAL			
			<p>¹⁸ SURVEYOR CERTIFICATION</p> <p><i>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.</i></p> <p>Date of Survey: _____ Signature and Seal of Professional Surveyor: <i>Gerard G. Huddleston</i> GERARD G. HUDDLESTON REGISTERED LAND SURVEYOR 6844 Certificate Number</p>	





PLAT #1

RICHARDSON OPERATING COMPANY
 WF State 36-1
 805'FSL & 820'FEL, Sec. 36 T30N, R15W
 San Juan County, NM



(FRUITLAND)
 4057 IN NW

Mapped, edited, and published by the Geologic Control by USGS, NOS/NOAA, and U. S. Bureau of Re Topography by photogrammetric methods from aerial photographs taken 1958 and 1962. Field checked 1 Polyconic projection. 1927 North American datum 10,000-foot grid based on New Mexico coordinate sys 1000-meter Universal Transverse Mercator grid ticks, zone 12, shown in blue

Fine red dashed lines indicate selected fence lines where omitted, land lines have not been established

To place on the predicted North American Datum 1983 move the projection lines 2 meters north and 57 meters east as shown by dashed corner ticks

UTM GRID AND 1979 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

Revisions shown in purple compiled from aerial photographs taken 1978 and other source data. This information not field checked. Map edited 1979

FOR SALE BY U. A FOLD

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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

WELL API NO.	30-045-29947
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	SF-079968

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR TO 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	7. Lease Name or Unit Agreement Name WF State 36
2. Name of Operator RICHARDSON OPERATING COMPANY 019219	8. Well No. 1
3. Address of Operator c/o Walsh Engr. & Prod. Corp. 7415 E. Main Farmington, N.M. 87402 505 327-4892	9. Pool name or Wildcat Twin Mounds Pictured Cliffs Ext.
4. Well Location Unit Letter <u>P</u> : <u>805</u> Feet From The <u>South</u> Line and <u>820</u> Feet From The <u>East</u> Line Section <u>36</u> Township <u>30N</u> Range <u>15W</u> NMPM San Juan County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 5296'GR	

11. 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 checked="" type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: _____ <input type="checkbox"/>		OTHER: _____ <input type="checkbox"/>	

12. 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.

7/26/99 Spud 8-5/8" surface hole & drill to 139'KB. Ran 3 jts of 7", 20#, K-55 casing. Landed @ 136'. Cement w/50 sxs (59 cuft) of Class "B" cement, circulated 5 bbls to surface.

7/27/99 TD 6-1/4" hole @ 815'KB. Ran 18 jts of 10.5#, J-55 casing. Landed @ 775'KB. Cement with 50 sxs (103 cuft) of Class "B" w/2% Sodium Metasilicate & 1/4#/sx of Celloflake. Tail w/66 sxs (78 cuft) Class "B" with 1/4#/sx of Celloflake. Circulated 13 bbls to surface. Plug down @ 1630 hrs 7/27/99.

RECEIVED
JUL 30 1999

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

SIGNATURE [Signature] TITLE Agent/Engineer DATE 7/29/99
 TYPE OR PRINT NAME _____ TELEPHONE NO. _____

(This space for State Use)

ORIGINAL SIGNED BY CHARLIE T. PERRIN

DEPUTY OIL & GAS INSPECTOR, DIST. #3

APPROVED BY _____ TITLE _____ DATE 7-30-99

CONDITIONS OF APPROVAL, IF ANY: