



OIL CONSERVATION DIVISION
RECEIVED

RICHARDSON OPERATING COMPANY

50 JUN 18 AM 8 47

309 West First Avenue P.O. Box 9808
Denver, Colorado 80209 (303) 698-9000
FAX (303) 777-0607

June 15, 1993

State of New Mexico
Oil Conservation Commission
P.O. Box 2088
Santa Fe, NM 87504

Attn: Michael E. Stogner, Engineer

Gentlemen:

In December, 1992, Richardson Operating Company submitted a permit to drill a Fruitland Coalbed Methane well 2015' FSL, 1765 FWL in Section 5, T29N, R12W, San Juan County, NM. Approval for that permit was received December 9, 1992, a copy of which is enclosed. What we did not notice at the time was that the approval was subject to "CA for 104 + NSL." We, subsequently to our drilling were advised that NSL was for a "non-standard location, and that our location was unlawful, and that additional approvals would be necessary.

Richardson Operating Company acquired this location from another company who was, as I understand, unable to drill the well in sufficient time to avoid losing the credits prior to the end of 1992. We acquired the survey they had commissioned, reimbursed them for surface damages negotiated for the location selected, and drilled the well, quite frankly, missing the fact that the well was outside the Fruitland window by some 50 or 60 yards. In talking to the surveyor, he, for some unknown reason, was instructed to stake the well as a stand-up location, with the W/2 of Section 5 as the pool, which would have been a legal location.

Within Section 5, we have drilled the other Fruitland location in the NE/4. In hindsight, if we had oriented both units as stand-ups, instead of lay-downs, we would have two legal locations, as currently drilled.

Our location is contiguous or cornering the following Fruitland tracts, either developed or available for development, all in T29N, R12W:

State of New Mexico
Oil Conservation Division
June 15, 1993
Page 2

LOCATION:	OPERATOR
Section 5: N/2	Richardson Operating Company
Section 6: N/2	Richardson Operating Company
Section 6: S/2	Maralex Resources, Inc.
Section 7: E/2	Maralex Resources, Inc.
Section 8: W/2	Meridian Oil Company
Section 8: E/2	Meridian Oil Company
Section 9: W/2	Richardson Operating Company
Section 4: W/2	Riggs Oil and Gas Co.

I've enclosed copies of letters from Meridian, Maralex and Riggs, in which they consent to our non-standard location.

I've also enclosed a map giving the same information.

We therefore request an administrative approval to our location as described above.

If you have any questions, please feel free to call.

Sincerely,



Peter A. Gowan
Land Manager

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

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

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

API NO. (assigned by OCD on New Wells)

2-045-28866

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:

DRILL ☒

RE-ENTER ☐

DEEPEN ☐

PLUG BACK ☐

b. Type of Well:

OIL
WELL ☐

GAS
WELL ☒

OTHER

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

7. Lease Name or Unit Agreement Name

ROPCO Fee FC 5

2. Name of Operator

Richardson Operating Co.

8. Well No.

#1 #2

3. Address of Operator

P. O. Box 9808 Denver, CO 80209

9. Pool name or Wildcat

Basin Fruitland Coal

4. Well Location

Unit Letter K : 2015' Feet From The South Line and 1755' Feet From The West Line

Section 5 Township 29N Range 12W NMPM San Juan County

10. Proposed Depth

1852'

11. Formation

Fruitland Coal

12. Rotary or C.T.

Rotary

13. Elevations (Show whether DF, RT, GR, etc.)

5682' GR

14. Kind & Status Plug Bond

Pending

15. Drilling Contractor

Unknown

16. Approx. Date Work will start

As soon as permitted

17.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
8 3/4"	7"	23#	120'	60 sx	Surface
6 1/4"	4 1/2"	10.5#	1852'	210 sx	Surface

Richardson Operating Co. proposes to drill a well to 1852' to test the Basin Fruitland Coal formation. If productive, casing will be run and the well will be completed. If dry, the well will plugged and abandoned according to NMOCD requirements.

APPROVAL EXPIRES 6-9-93
UNLESS DRILLING IS COMMENCED.
SPUD NOTICE MUST BE SUBMITTED
WITHIN 10 DAYS.

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.

SIGNATURE

Bruce E. Delventhal

TITLE

Agent

DATE

12/04/92

TYPE OR PRINT NAME

Bruce E. Delventhal

TELEPHONE NO. 326-4125

(This space for State Use)

APPROVED BY

Eric Busch

DEPUTY OIL & GAS INSPECTOR, DIST. 3

DATE

DEC 09 1992

CONDITIONS OF APPROVAL, IF ANY:

C-104 For CR + RSC

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

DISTRIBUTION
P.O. Drawer DD, Artesia, NM 88210

DISTRICT II

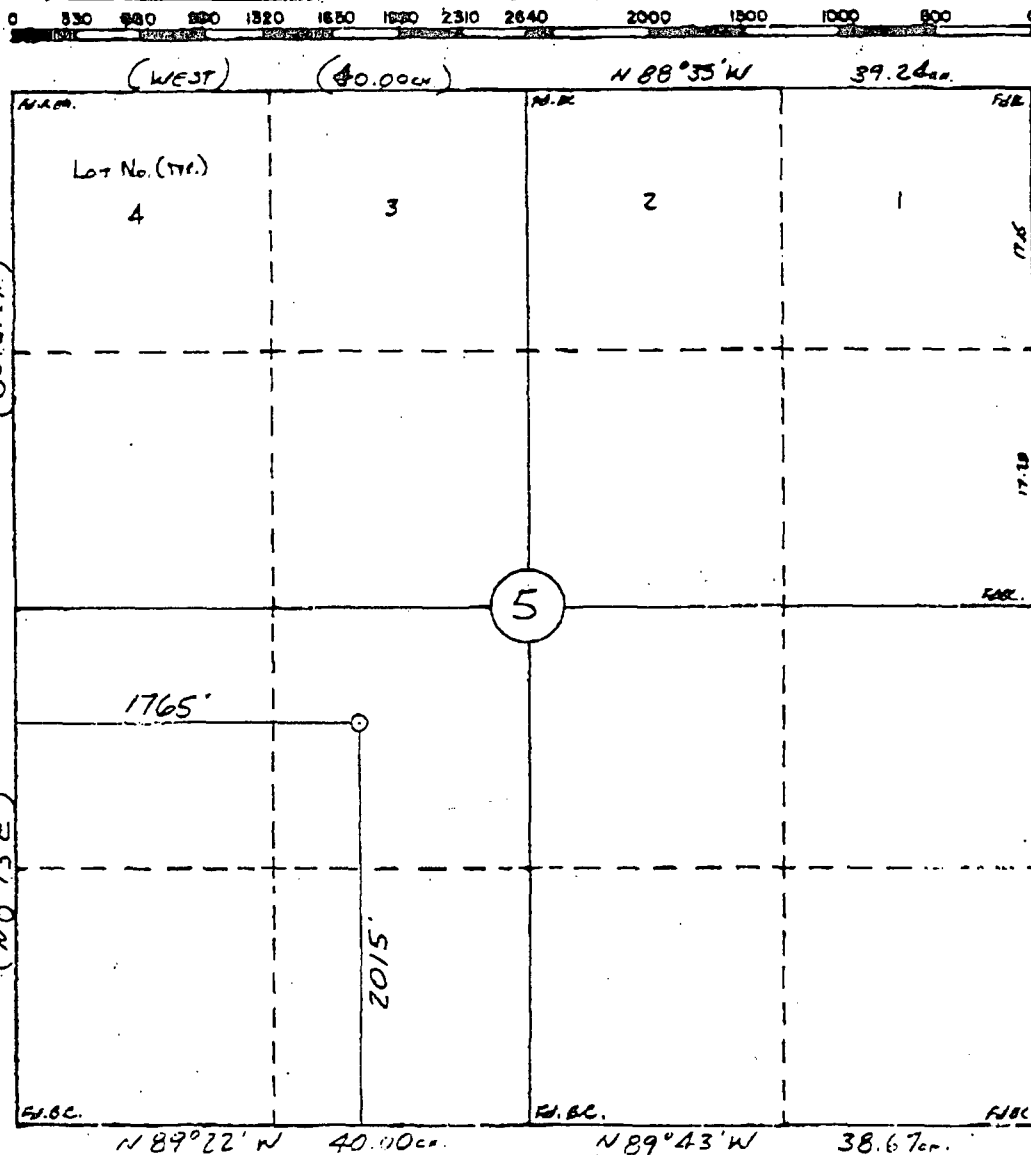
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator MARALEX RESOURCES INC.		Lease		Well No.
Unit Letter K	Section 5	Township 29 N	Range 12 W	County San Juan
Actual Footage Location of Well: 2015 feet from the South line and 1765 feet from the West line				
Ground level Elev. 5682	Producing Formation	Pool	Dedicated Acreage: Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 interest 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 interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature

Printed Name _____

Position

Company	
---------	--

Date _____

SURVEYOR CERTIFICATION

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.

73-20-92

11-20-92

Date Surveyed _____

William E. Buquharke II

Signature _____
Prosecution Surveyor

Certificate No. 8466

Township 29 North Range 12 West County San Juan State New Mexico

ROPCO FEE 6-1 FC Richardson	Richardson Federal FC 5-1	Riggs O & G leasehold, no well
6 o Maralex Shiotani #2	5 o ROPCO FED FC 5-2 (formerly Richardson)	4 Riggs O & G leasehold no well
7 o Maralex Shiotani #3	8 o Meridian Shiotani #400	9 o ROPCO FEE 9-2 FC Richardson



RICHARDSON OPERATING COMPANY

April 30, 1993

309 West First Avenue P.O. Box 9808
Denver, Colorado 80209 (303) 698-9000
FAX (303) 777-0607

Meridian Oil, Inc.
P.O. Box 4289
Farmington, NM 87401

Attn: Kent Beers

Gentlemen:

Pursuant to State of New Mexico Energy Oil Conservation Division Rule 7 of Order No. R-8768, wells drilled to the Fruitland Coal formation shall be located no closer than 790 feet to the outer boundary of a drilling proration unit.

Because of surface conditions, Richardson Operating Company has drilled and completed a Fruitland Coalbed Methane Well in violation of Rule 7, and is retroactively seeking an exception to said Rule with the OCD. Said well is designated the ROPCO FEE FC 5-2 and is located 1765 FWL, 2015 FSL, of Section 5, Township 29 North, Range 12 West, San Juan County, NM. Said well was drilled at the end of 1992 and has not yet produced.

Your company has drilled the following wells in T29N, R12W, San Juan County, NM, on spacing units which are contiguous to our spacing unit:

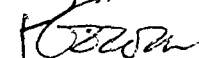
<u>WELL NAME</u>	<u>SPACING UNIT</u>	<u>LOCATION</u>
Shiotani #400 -	W/2 Section 8 -	1630 FSL, 870 FWL (NWSW)
Shiotani #500 -	E/2 Section 8 -	1700 FNL, 1055 FEL (SENE)

Our well was drilled on the 320 acre spacing unit consisting of the S/2 of Section 5, T29N, R12W. Our well is approximately 165 feet north of the allowable window, accordingly, that much further from your wells as well. As offsetting owners we hereby request that you consent to our non-standard location.

I've enclosed a copy of the survey plat for our well.

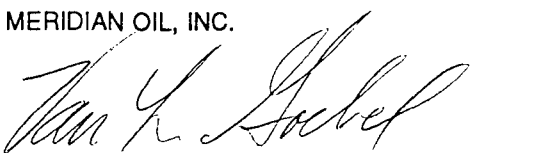
Please execute below to signify your consent to our non-standard location. If you have any questions, please feel free to call.

Sincerely,


Peter A. Gowan
Land Manager

Accepted and agreed this 11 day of May, 1993.

MERIDIAN OIL, INC.





RICHARDSON OPERATING COMPANY

April 30, 1993

309 West First Avenue P.O. Box 9808
Denver, Colorado 80209 (303) 698-9000
FAX (303) 777-0607

Maralex Resources, Inc.
410 17th St., Suite 220
Denver, CO 80202

Attn: Jennifer Ritcher

Dear Jennie:

Pursuant to State of New Mexico Energy Oil Conservation Division Rule 7 of Order No. R-8768, wells drilled to the Fruitland Coal formation shall be located no closer than 790 feet to the outer boundary of a drilling proration unit.

Because of surface conditions, Richardson Operating Company has drilled and completed a Fruitland Coalbed Methane Well in violation of Rule 7, and is retroactively seeking an exception to said Rule with the OCD. Said well is designated the ROPCO FEE FC 5-2 and is located 1765 FWL, 2015 FSL, of Section 5, Township 29 North, Range 12 West, San Juan County, NM. Said well was drilled at the end of 1992 and has not yet produced.

Your company has drilled the following wells in T29N, R12W, San Juan County, NM, on spacing units which are contiguous to our spacing unit:

<u>WELL NAME</u>	<u>SPACING UNIT</u>	<u>LOCATION</u>
Shiotani #2	S/2 Section 6	1585 FSL, 1680 FWL, NESW
Shiotani #3	E/2 Section 7	2025 FNL, 955 FEL, SENE

Our well was drilled on the 320 acre spacing unit consisting of the S/2 of Section 5, T29N, R12W. Our well is approximately 165 feet north of the allowable window, accordingly, that much further from your wells as well. As offsetting owners we hereby request that you consent to our non-standard location.

I've enclosed a copy of our survey plat for our well.

Please execute below to signify your consent to our non-standard location. If you have any questions, please feel free to call.

Sincerely,

Peter A. Gowan
Land Manager

Accepted and agreed this 4th day of May, 1993.

Maralex Resources, Inc.

Land Manager



RICHARDSON OPERATING COMPANY

309 West First Avenue P.O. Box 9808
Denver, Colorado 80209 (303) 698-9000
FAX (303) 777-0607

April 30, 1993

Riggs Oil and Gas Corporation
P.O. Box 711
Farmington, NM 87499

Attn: Elliot A. Riggs

Dear Mr. Riggs:

Pursuant to State of New Mexico Energy Oil Conservation Division Rule 7 of Order No. R-8768, wells drilled to the Fruitland Coal formation shall be located no closer than 790 feet to the outer boundary of a drilling proration unit.

Because of surface conditions, Richardson Operating Company has drilled and completed a Fruitland Coalbed Methane Well in violation of Rule 7, and is retroactively seeking an exception to said Rule with the OCD. Said well is designated the ROPCO FEE FC 5-2 and is located 1765 FWL, 2015 FSL, of Section 5, Township 29 North, Range 12 West, San Juan County, NM. Said well was drilled at the end of 1992 and has not yet produced.

Riggs Oil and Gas Corporation owns 100% of the working interest in the W/2 of Section 4, T29N, R12W, which is contiguous to our spacing unit. To date, no Fruitland Coal wells have been drilled upon said lands.

Our well was drilled on the 320 acre spacing unit consisting of the S/2 of Section 5, T29N, R12W. Our well is approximately 165 feet north of the allowable window. As offsetting owners, we hereby request that you consent to our non-standard location.

I've enclosed a copy of our survey plat for our well.

Please execute below to signify your consent to our non-standard location. If you have any questions, please feel free to call.

Sincerely,


Peter A. Gowan
Land Manager

Accepted and agreed this 8th day of June, 1993.

Riggs Oil and Gas ~~Corp~~ Corporation


Elliott A. Riggs
President

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
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

State of New Mexico

OIL CONSERVATION DIVISION Energy, Minerals and Natural Resources Department

RECEIVED

OIL CONSERVATION DIVISION

93 MAR 29 AM 10 27 P.O. Box 2088

Santa Fe, New Mexico 87504-2088

Form C-105
Revised 1-1-89

WELL API NO.

30-045-28866

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

ROPCO Fee FC 5

8. Well No.

#2

9. Pool name or Wildcat

Basin Fruitland Coal

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☐

GAS WELL ☒

DRY ☐

OTHER ☐

MAR 24 1993

b. Type of Completion:

NEW WELL ☒

WORK OVER ☐

DEEPEN ☐

PLUG BACK ☐

DIFF RESVR ☐

OTHER ☐

OIL CON. DIV

2. Name of Operator

Richardson Operating Co.

3. Address of Operator

P. O. Box 9808 Denver, CO 80209

4. Well Location

Unit Letter K: 2015' Feet From The South Line and 1765' Feet From The West Line

Section 5

Township 29N

Range 12W

NMPM

San Juan

County

10. Date Spudded

12/25/92

11. Date T.D. Reached

12/31/92

12. Date Compl. (Ready to Prod.)

3/15/93

13. Elevations (DF& RKB, RT, GR, etc.)

5682' GR

14. Elev. Casinghead

5682' GR

15. Total Depth

1640'

16. Plug Back T.D.

1796'

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

X

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

1676'-1710' Basin Fruitland Coal

20. Was Directional Survey Made

Yes

21. Type Electric and Other Logs Run

compensated Neutron, Formation Density, Micolog, GR

22. Was Well Cored

No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
7"	23#	120'	8 3/4"	80 sx Class B	
4 1/2"	10.5#	1840'	6 1/4"	230 sx Class B	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	25. TUBING RECORD	SIZE	DEPTH SET	PACKER SET
						2 3/8"	1733'	

26. Perforation record (interval, size, and number)

1676-1677'

120 0.42" holes

1686'-1710'

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL

AMOUNT AND KIND MATERIAL USED

1676'-1710'

34,160 gal 700 foam

55,900# 20/40 sand

28. PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
3/15/93		Flowing				WO Pipeline	
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
3/15/93	12	3/4"			No Flow		
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
0	470						

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Test Witnessed By

Bruce E. Delventhal

30. List Attachments

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature

Bruce E. Delventhal

Printed

Name

Bruce E. Delventhal

Title

Agent

Date 3/21/93

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____	T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....
No. 2, from.....to.....
No. 3, from.....to.....
No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
No. 2, from.....to.....feet.....
No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
1670'	1724'		Basin Fruitland Coal				
1724'	TD		Pictured Cliffs				

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

OIL CONSERVATION DIVISION

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

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

WELL API NO.	30-045-28866
5. Indicate Type of Lease	STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. 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. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	7. Lease Name or Unit Agreement Name ROPCO Fee FC 5
2. Name of Operator Richardson Operating Company	8. Well No. #1
3. Address of Operator P.O. Box 9808, Denver, CO 80209	9. Pool name or Wildcat Basin Fruitland Coal
4. Well Location Unit Letter <u>K</u> : <u>2015'</u> Feet From The <u>South</u> Line and <u>1765'</u> Feet From The <u>West</u> Line Section <u>5</u> Township <u>29N</u> Range <u>12W</u> NMPM <u>San Juan</u> County 10. Elevation (Show whether DF, RKB, RT, GR, etc.) <u>5682' GR</u>	

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"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
OTHER: <u>CHANGE OF WELL NAME/NUMBER</u> <input checked="" type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <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.

Richardson Operating Company hereby requests that the ROPCO Fee FC 5 #1 well name be changed to: ROPCO Fee FC 5 #2. The lease name remains ROPCO Fee FC 5 but the well number changes to #2.

RECEIVED
JAN 22 1993
OIL CON. DIV
DIST. 3

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

SIGNATURE Shelley L. Keene TITLE Operations Technician DATE 1/20/93
TYPE OR PRINT NAME Shelley L. Keene TELEPHONE NO. 303-698-9000

(This space for State Use)

APPROVED BY Shelley L. Keene TITLE SUPERVISOR DISTRICT # 3 DATE JAN 22 1993
CONDITIONS OF APPROVAL, IF ANY:

Submit 3 Copies
to Appropriate
District Office

CONSERVATION DIVISION
RECEIVED

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

9033 CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

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

WELL API NO.

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. 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.)

7. Lease Name or Unit Agreement Name

ROPCO Fee FC 5

1. Type of Well:

OIL
WELL ☐

GAS
WELL ☒

OTHER

2. Name of Operator

Richardson Operating Co.

8. Well No.

#1

3. Address of Operator

P. O. Box 9808 Denver, CO 80209

9. Pool name or Wildcat

Basin Fruitland Coal

4. Well Location

Unit Letter K : 2015' Feet From The South Line and 1765' Feet From The West Line

Section 5 Township 29N Range 12W NMPM San Juan County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

5682' GR

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

REMEDIAL WORK ☐

ALTERING CASING ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

COMMENCE DRILLING OPNS. ☐

PLUG AND ABANDONMENT ☐

PULL OR ALTER CASING ☐

CASING TEST AND CEMENT JOB ☒

OTHER: ☐

OTHER: ☐

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.

Pressure tested surface casing and BOP to 1500 psi for 30 min--held OK.

Drilled 6 1/4" hole to 1852' KB. Ran 43 jts of 4 1/2", 10.5#, J-55 casing. Casing landed at 1840' KB. PBD of 1796' KB. Cemented with 130 sx of Class B containing 2% Sodium Metasilicate and 1/4 #/sk cello flakes. Tailed in with 100 sx of Class B containing 2% CaCl and 1/4 #/sk cello flakes. Circulated 1 bbl of cement to surface.

RECEIVED

JAN - 6 1993

OR CON DIV

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

SIGNATURE

Bruce E. Delventhal

TITLE

Agent

DATE

1/4/93

TYPE OR PRINT NAME

Bruce E. Delventhal

TELEPHONE NO.

(This space for State Use)

APPROVED BY

JS. L

TITLE

SUPERVISOR DISTRICT # 3

DATE

JAN - 6 1993

CONDITIONS OF APPROVAL, IF ANY:

Submit 3 Copies
to Appropriate
District Office

OIL CONSERVATION DIVISION
RECEIVED
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

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

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

OIL CONSERVATION DIVISION
P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL API NO.

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. 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. Type of Well:

OIL
WELL ☐

GAS
WELL ☒

OTHER

2. Name of Operator

Richardson Operating Co.

3. Address of Operator

P. O. Box 9803 Denver, CO 80209

4. Well Location

Unit Letter K : 2015' Feet From The South Line and 1765' Feet From The West Line

Section 5

Township 29N

Range 12W

NMPM

San Juan

County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

5682' GR

11.

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☒

PLUG AND ABANDON ☐

REMEDIAL WORK ☐

ALTERING CASING ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

COMMENCE DRILLING OPNS. ☒

PLUG AND ABANDONMENT ☐

PULL OR ALTER CASING ☐

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

OTHER: ☐

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.

Spud well at 1:00 PM on 12/26/92.

Drilled 8 3/4" hole to 121' KB. Ran 3 jts of 7", 23#, J-55 casing. Casing landed at 120' KB. Cemented with 80 sx of Class B containing 2% CaCl and 1/4 #/sk cello flakes. Circulated 4 bbls of cement to surface.

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

SIGNATURE

Bruce E. Delventhal

TITLE

Agent

DATE

12/28/92

TYPE OR PRINT NAME

Bruce E. Delventhal

TELEPHONE NO.

(This space for State Use)

APPROVED BY

Charles Holson

TITLE

DEPUTY OIL & GAS INSPECTOR, DIST. #1

DATE

DEC 30 1992

CONDITIONS OF APPROVAL, IF ANY:

Submit to Approving
District Office
State Lease - 6 copies
Fee Lease - 5 copies

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

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P.O. Drawer DD, Artesia, NM 88210

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

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

API NO. (assigned by OCD on New Wells)

30-045-28866

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:

DRILL ☒

RE-ENTER ☐

DEEPEN ☐

PLUG BACK ☐

b. Type of Well:

OIL
WELL ☐

GAS
WELL ☒

OTHER ☐

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

7. Lease Name or Unit Agreement Name

ROPCO Fee FC 5

2. Name of Operator

Richardson Operating Co.

8. Well No.

#1

3. Address of Operator

P. O. Box 9808 Denver, CO 80209

9. Pool name or Wildcat

Basin Fruitland Coal

4. Well Location

Unit Letter K : 2015' Feet From The South Line and 1765' Feet From The West Line

Section 5 Township 29N Range 12W NMPM San Juan County

10. Proposed Depth

1852'

11. Formation

Fruitland Coal

12. Rotary or C.T.

Rotary

13. Elevations (Show whether DF, RT, GR, etc.)

5682' GR

14. Kind & Status Plug. Bond

Pending

15. Drilling Contractor

Unknown

16. Approx. Date Work will start

As soon as permitted

17.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
8 3/4"	7"	23#	120'	60 sx	Surface
6 1/4"	4 1/2"	10.5#	1852'	210 sx	Surface

Richardson Operating Co. proposes to drill a well to 1852' to test the Basin Fruitland Coal formation. If productive, casing will be run and the well will be completed. If dry, the well will plugged and abandoned according to NMOC requirements.

APPROVAL EXPIRES 6-9-93
UNLESS DRILLING IS COMMENCED.
SPUD NOTICE MUST BE SUBMITTED
WITHIN 10 DAYS.

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.

SIGNATURE

Bruce E. Delventhal

TITLE

Agent

DATE

12/04/92

TYPE OR PRINT NAME

Bruce E. Delventhal

TELEPHONE NO. 326-4125

(This space for State Use)

APPROVED BY

Ernie Burch

TITLE

DEPUTY OIL & GAS INSPECTOR, DIST. #3

DATE

DEC 09 1992

CONDITIONS OF APPROVAL, IF ANY:

C-104 For CA & NGL

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Azusa, NM 88210

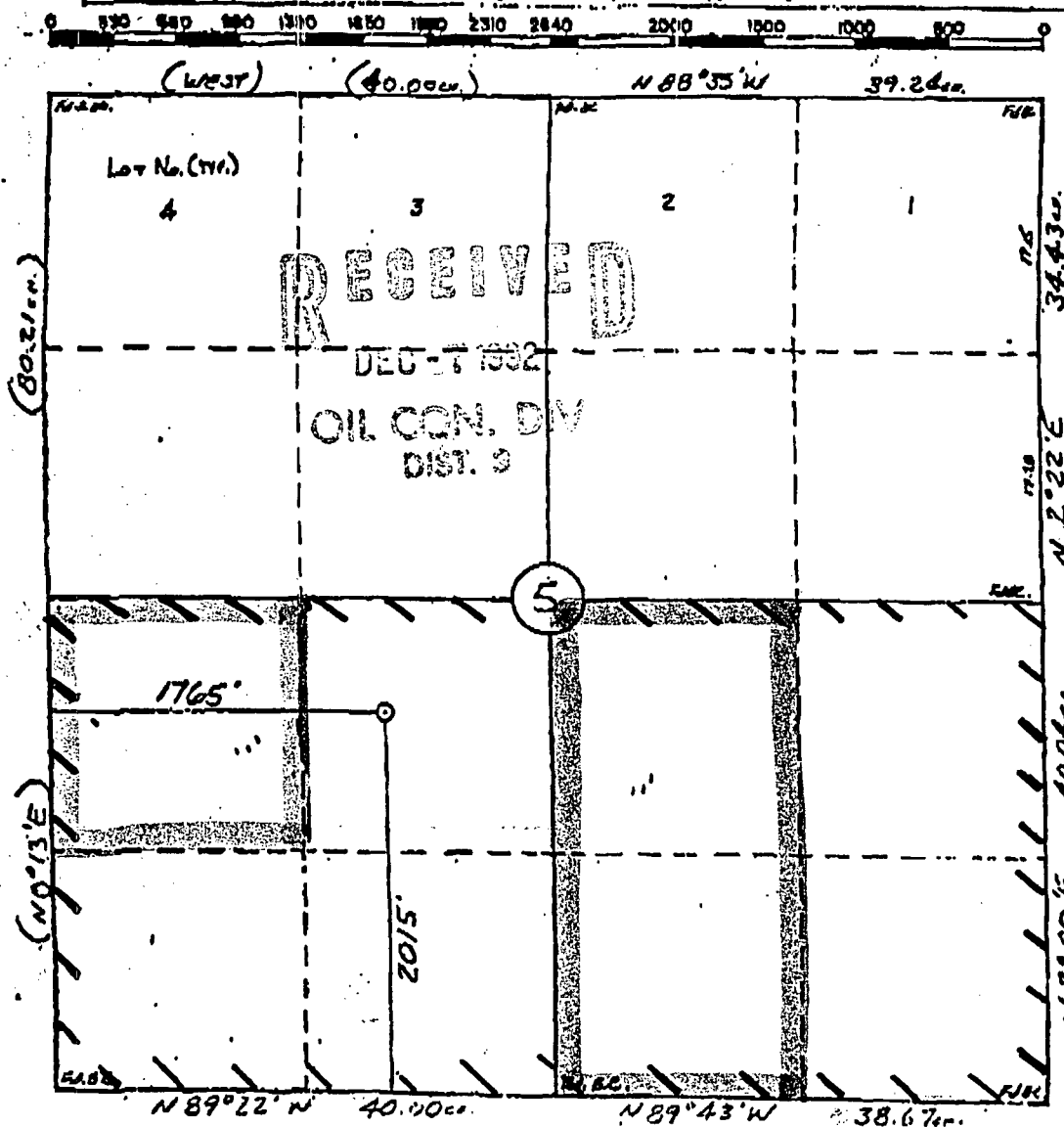
DISTRICT II

1009 Rio Grande Rd., Albuquerque, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Richardson Operating Co.		Lease ROPCO Fee FC 5		Well No. #1
Unit Letter K	Section 5	Township 29 N	Range 12 W	County San Juan
Actual Footage Location of Well: 2015 feet from the South line and 1765 feet from the West line				
Ground level Elev. 5682	Producing Formation Basin Fruitland Coal	Pool Fruitland Coal	Dedicated Acreage 320 Acres	
<p>1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.</p> <p>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). (See Attached)</p> <p>3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If answer is "yes" type of consolidation <u>Communitization Pending</u> </p> <p>If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)</p> <p>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 interest, has been approved by the Division.</p>				



OPERATOR CERTIFICATION

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

STRENGTH

Bruce P. Osmenthal

Printed Name _____

Bruce E. Delventhal

Paul Ueno

Agent

Company

Richardson Operating Co.

Date

December 4, 1992

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plot was plotted from field notes, 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.

11-20-92

Date Submitted

WILLIAM D. ABRAHAM II

Signature

Procedural

12/25

157

138

W

1

Continued

1

1

RICHARDSON OPERATING COMPANY

309 West First Avenue P.O. Box 9808
Denver, Colorado 80209 (303) 698-9000
FAX (303) 777-0607

Ownership Information
Township 29 North, Range 12 West
Section 5: S/2

Tract I: NE/4SW/4
WI: Conoco, Inc.
RI: USA
ORRI: NONE
Surface: City of Albuquerque, New Mexico

Tract II: NW/4SW/4
WI: Conoco 100%
RI: 12.5% George L. DePeyster 80%
Betty J. Henderson 5%
Howard E. Henderson 5%
Central Bank of Denver, NA 10%
ORRI: Amoco - 4.16666% when well production exceeds 5
MMCFD
Surface: Sam Lybrook, Jr.

Tract III: W/2SE/4
WI: Conoco, Inc.
RI: Gordon G. Wood and Marvelyn L. Woods Trustees
ORRI: Amoco as above 4.16666%
Surface: Morningstar Corp.

Tract IV: E/2SE, S/2SW/4
RI: USA
WI: Texaco Explortation & Production, Inc.
ORRI: None
Surface: Morningstar Corp.