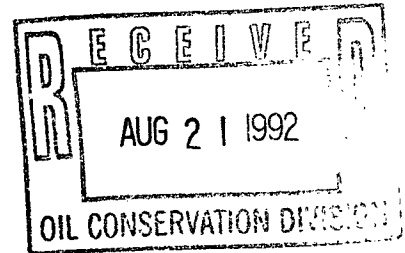


MERIDIAN OIL

August 20, 1992
Federal Express

Mr. William LeMay
New Mexico Oil Conservation Division
310 Old Santa Fe Trail
Santa Fe, New Mexico 87503



Re: McClanahan #6
1850' FSL, 1500' FWL
Section 23, T-28-N, R-10-W, San Juan County, NM

Dear Mr. LeMay:

This is a request for administrative approval for a non-standard gas well location in the Basin Fruitland Coal Pool.

Meridian Oil Inc. intends to complete the McClanahan #6 in the Basin Fruitland Coal pool and commingle with the existing Fulcher Kutz Pictured Cliffs pool. The current location of this well is considered non-standard due to the NE-SW dedicated pattern established for the Basin Fruitland Coal pool. To comply with the New Mexico Oil Conservation Division rules, Meridian is submitting the following for your approval of this non-standard location:

1. C-102 plat showing location of the well;
2. Plat showing offset owners/operators;
3. Copy of Well Completion Log for original completion.

Meridian Oil/Southland Royalty is operator/owner of all offsets of Section 23 as shown on the attached plat.

Sincerely yours,

Peggy Bradfield

encs.

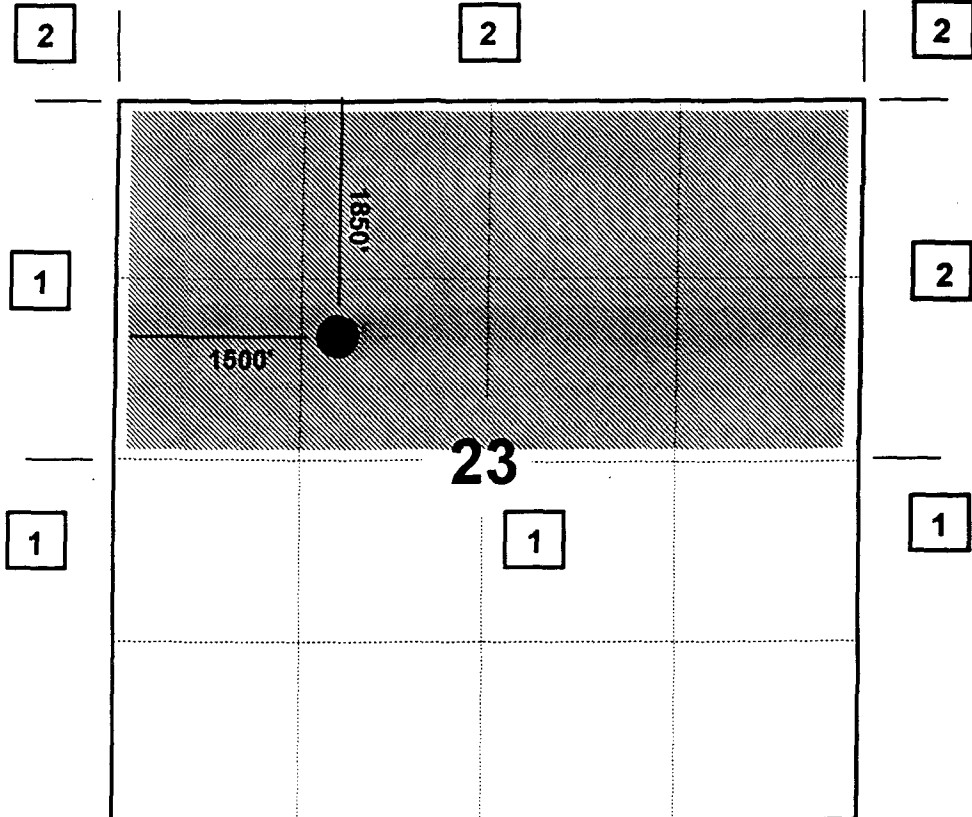
MERIDIAN OIL INC

OFFSET OPERATOR \ OWNER PLAT

McCLANAHAN #6

Fruitland Coal \ Pictured Cliffs Commingle

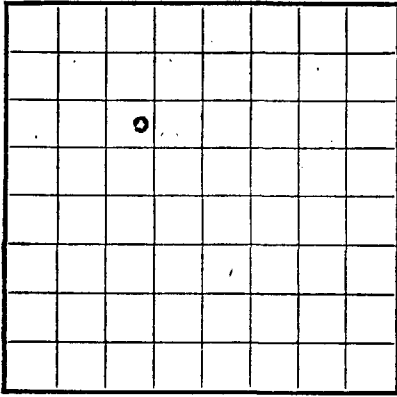
Township 28 North, Range 10 West



1) Meridian Oil Inc

2) Southland Royalty Company

FRUITLAND COAL FORMATION



LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
 SERIAL NUMBER SF-079634
 LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Aztec Oil & Gas Company Address Box 786, Farmington, New Mexico
 Lessor or Tract McClanahan Field Fulcher-Kutz Ext. State New Mexico
 Well No. 6 Sec. 23 T. 28 R. 10 Meridian N.M.P.M. County San Juan
 Location 1850 ft. N. of N. Line and 1500 ft. E. of N. Line of Sac. 23 Elevation 5936
 (Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed

Date July 13, 1956Title Drilling Superintendent

The summary on this page is for the condition of the well at above date.

Commenced drilling May 9, 19 56 Finished drilling June 1, 19 56

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2025 to 2078 G No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

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

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8 5/8	21 1/2	8rd		1851					
5 1/2	16 3/4	6rd		2151	Howe-Kloss		2025	2078	
1 1/2	10 3/4	6rd		2030					
HISIOKA OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	1951	110			
5 1/2	2125	100			
1 1/2	2020				

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
 Adapters—Material _____ Size _____

3-5/8	1951	110			
5-1/2	2125	100			
1"	2020				

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Sand-water frac from 2025-2078 with 44,100 gallons water and 40,000 lbs. sand.						
Breakdown Pressure 1650 lbs., Treating Pressure 1000 lbs., Final 1000 lbs.,						
Injection Rate 47.2 bpm.						

TOOLS USED

Rotary tools were used from 0 feet to 2125 feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

June 8, 1936 Put to producing _____, 19____

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours 3597 / Calculated Absolute Potential _____ Gallons gas per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 641 lbs. — Volume through 3/4" Choke 3125 MCF

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

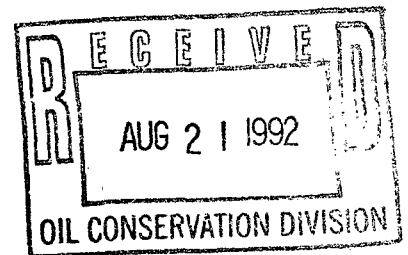
FROM—	TO—	TOTAL FEET	FORMATION
0	35	35	Sand
35	51	16	Gray Sand stone
51	65	14	Gray Sand stone
65	90	25	Blue Shale
90	103	13	Gray Sand stone
103	133	30	Gray Sand stone
133	158	25	Blue Shale
158	187	29	Gray Sandy Shale
187	499	312	Sand & Shale
499	916	417	Sand & Shale
916	1000	84	Sand & Shale
1000	1220	220	Sand & Shale
1220	1531	311	Sand & Shale
1531	1691	160	Sand & Shale
1691	2069	378	Sand, Shale & Coal
2069	2125 T.D.	56	Sand & Shale

Schlumberger Tops: Pictured Cliffs 2020

MERIDIAN OIL

August 20, 1992
Federal Express

Mr. William LeMay
New Mexico Oil Conservation Division
310 Old Santa Fe Trail
Santa Fe, New Mexico 87503



Re: McClanahan #6
1850'FSL, 1500'FWL
Section 23, T-28-N, R-10-W, San Juan County, NM

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1. C-102 plat showing location of the well;
2. Plat showing offset owners/operators;
3. Copy of Well Completion Log for original completion.

Meridian Oil/Southland Royalty is operator/owner of all offsets of Section 23 as shown on the attached plat.

Sincerely yours,

A handwritten signature in cursive script, appearing to read "Peggy Bradfield". The signature is written in dark ink and is positioned above the printed name.

Peggy Bradfield

encs.

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
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, Aramis, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

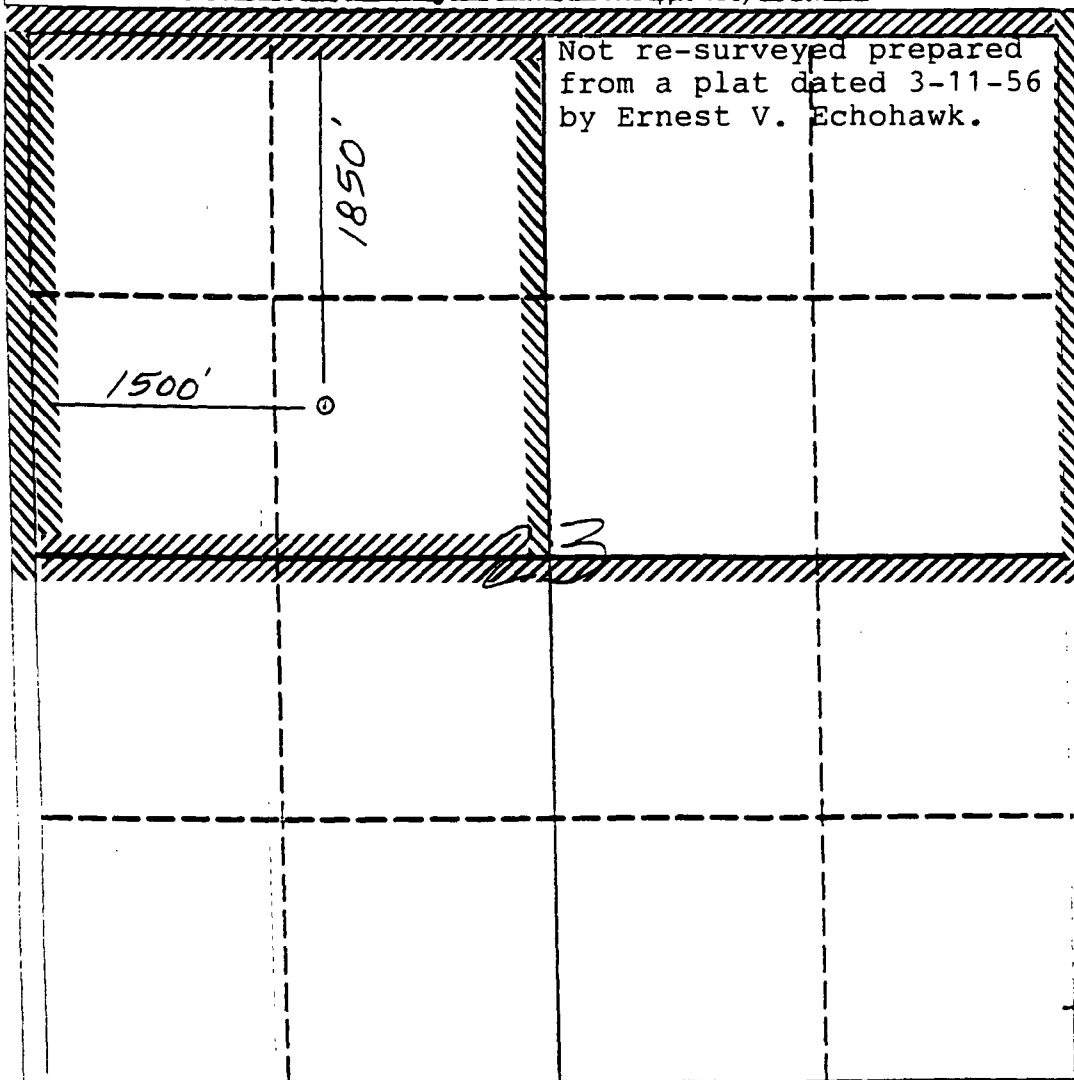
All Distances must be from the outer boundaries of the section

Operator Southland Royalty Company			Lease McClanahan		Well No. 6
Unit Letter F	Section 23	Township 28 North	Range 10 West	County San Juan	
Actual Forage Location of Well: 1850 feet from the North line and 1500 feet from the West line					
Ground level Elev. 5934'	Producing Formation Pic. Cliffs/Fruitland Coal		Pool Fulcher Kutz/Basin	Dedicated Acreage: 160/320 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hectare 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, force-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

Peggy Bradfield

Printed Name

Regulatory Affairs

Position

Southland Royalty

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.

8-4-92

Date Surveyed

NEEDLE C. EDWARDS

Signature of State of Professional Surveyor

6237

Certificate No.

6857

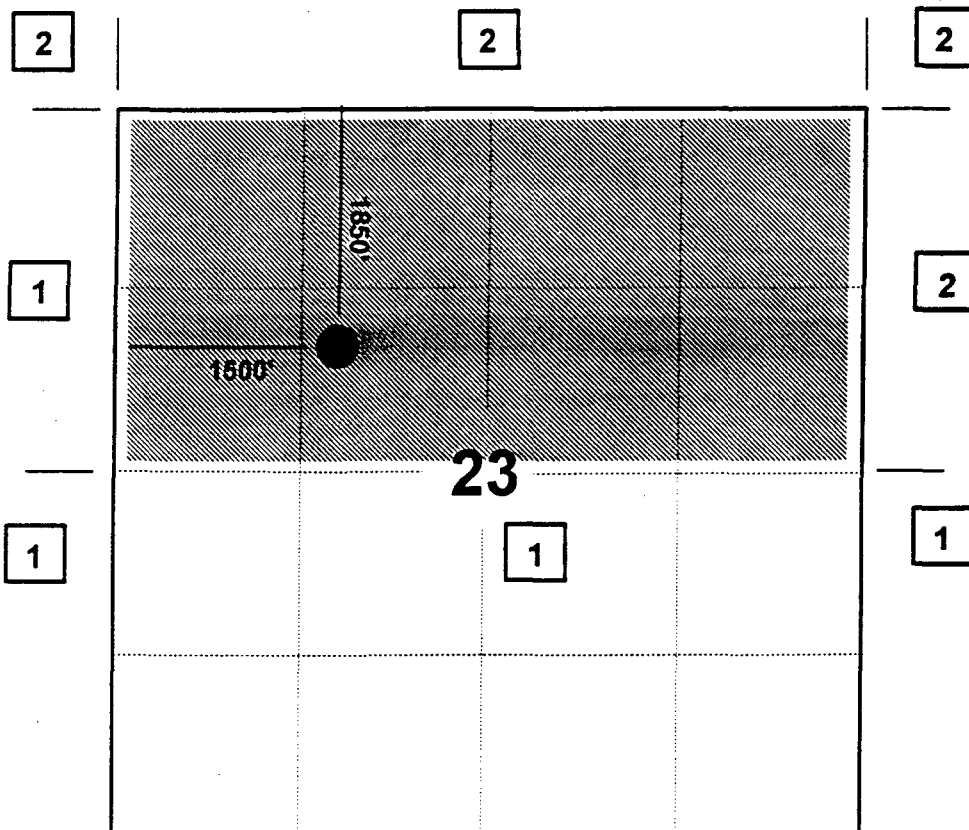
MERIDIAN OIL INC

OFFSET OPERATOR \ OWNER PLAT

McCLANAHAN #6

Fruitland Coal \ Pictured Cliffs Commingle

Township 28 North, Range 10 West



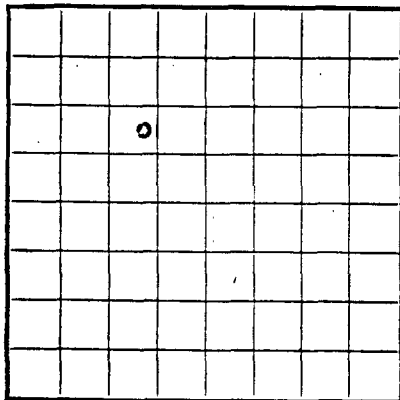
1) Meridian Oil Inc

2) Southland Royalty Company

FRUITLAND COAL FORMATION

Form 9-330

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER SF-079634
LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Aztec Oil & Gas Company Address Box 786, Farmington, New Mexico
Lessor or Tract McClanahan Field Fulcher-Kutz Ext. State New Mexico
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(Derrick floor relative to sea level)

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Signed

Joe C. Salmon

Date July 13, 1956

Title Drilling Superintendent

The summary on this page is for the condition of the well at above date.

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(Denote gas by G)

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No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

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

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8 5/8	21#	8rd		185'					
5 1/2	16#	8rd		215'					
1 1/2	10#	8rd		2030'					
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	195'	110			
5 1/2	2125'	100			
1 1/2	2020				

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

3 5/8	1951	110			
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1"	2020				

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Sand-water frac from 2025-2078 with 44,100 gallons water and 49,000 lbs. sand.						
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Rotary tools were used from 0 feet to 2125 feet, and from feet to feet

Cable tools were used from feet to feet, and from feet to feet

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..... June 8, 1956 Put to producing 19.....

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EMPLOYEES

....., Driller Driller

....., Driller Driller

FORMATION RECORD

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Schlumberger Tops: Pictured Cliffs 2020