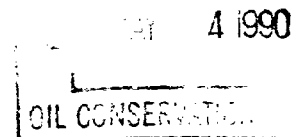


# MERIDIAN OIL

May 3, 1990

Certified Mail

Mr. William LeMay  
New Mexico Oil Conservation Division  
Post Office Box 2088  
Santa Fe, New Mexico 87503



RE: Morris #3  
420'FSL, 400'FEL  
Section 14, T-27-N, R-10-W  
San Juan County, New Mexico

Dear Mr. LeMay:

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

Meridian Oil intends to plugback and recomplete the Morris #3 well from the Pictured Cliffs pool to the Basin Fruitland Coal Pool. The current location of this well is 420'FSL, 400'FEL, Section 14, T-27-N, R-10-W, San Juan County, New Mexico. The 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. Affidavit of notification of offset owners/operators;
4. Copy of Well Completion Log for original completion.

A copy of this application is being submitted to all offset owners/operators by certified mail with a request that they furnish your Santa Fe office with a Waiver of Objection, and return one copy to this office.

Sincerely yours,

  
Peggy Bradfield  
encl.

## WAIVER

\_\_\_\_\_ hereby waives objection to Meridian Oil Inc.'s application for a non-standard location for their Morris #3 as proposed above.

By: \_\_\_\_\_ Date: \_\_\_\_\_

xc: Amoco Production Company  
Mobil Producing Texas & New Mexico

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-182  
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. Denver DD, Artesia, NM 88210

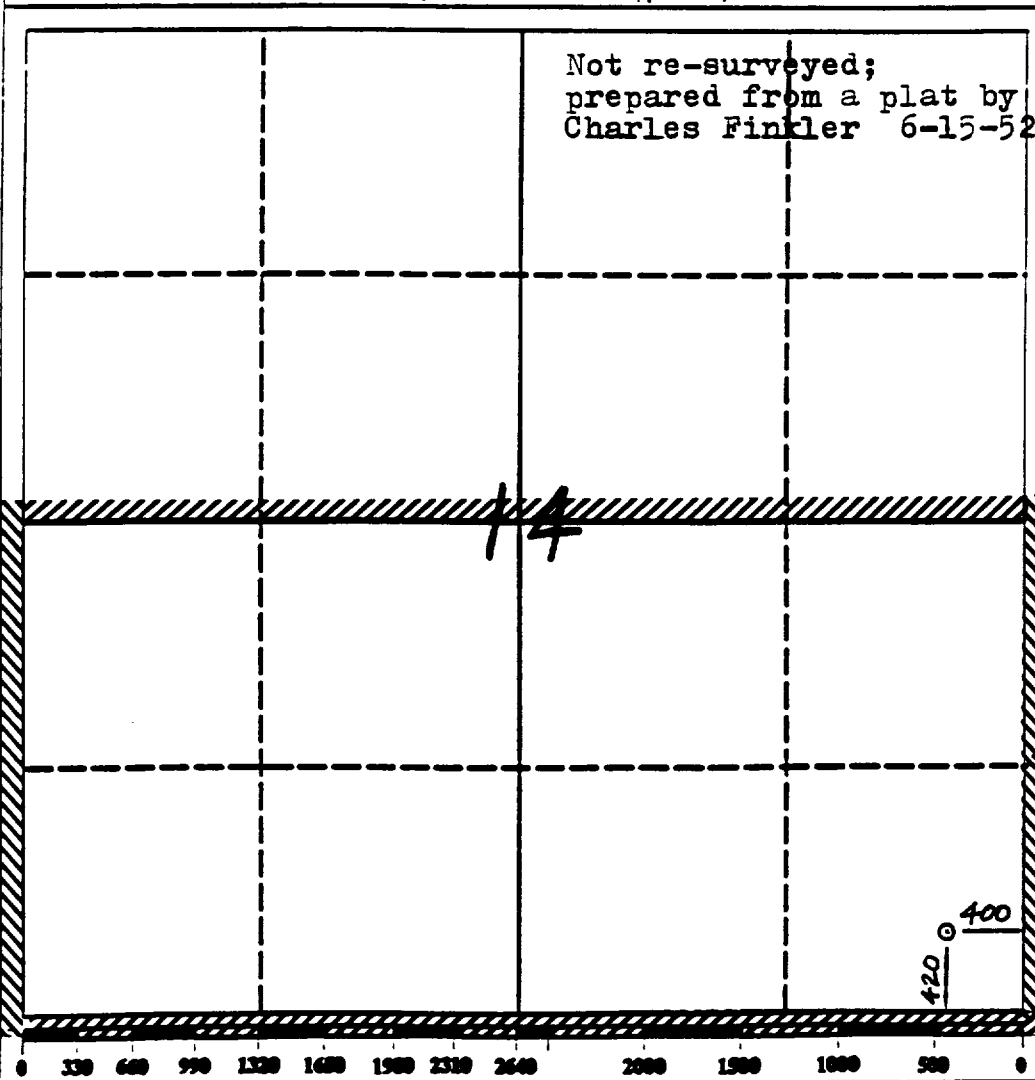
DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Meridian Oil Inc.			Lease Morris (SF-079596)		Well No. 3
Unit Lot P	Section 14	Township 27 North	Range 10 West	County San Juan	
Actual Footage Location of Well: 420 feet from the South line and 400 feet from the East line					
Ground level Elev.	Producing Formation Fruitland Coal			Pool Basin	Dedicated Acreage: 320 Acres

- Outline the acreage dedicated to the subject well by colored pencil or inkless marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, forced-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  
Peggy Bradfield  
Printed Name  
Regulatory Affairs  
Position  
Meridian Oil Inc.  
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. 4-16-90

Date Surveyed  
Signature  
Professional  
NEALE C. EDWARDS  
NEW MEXICO  
6857  
6857  
REGISTERED LAND SURVEYOR  
Neale C. Edwards

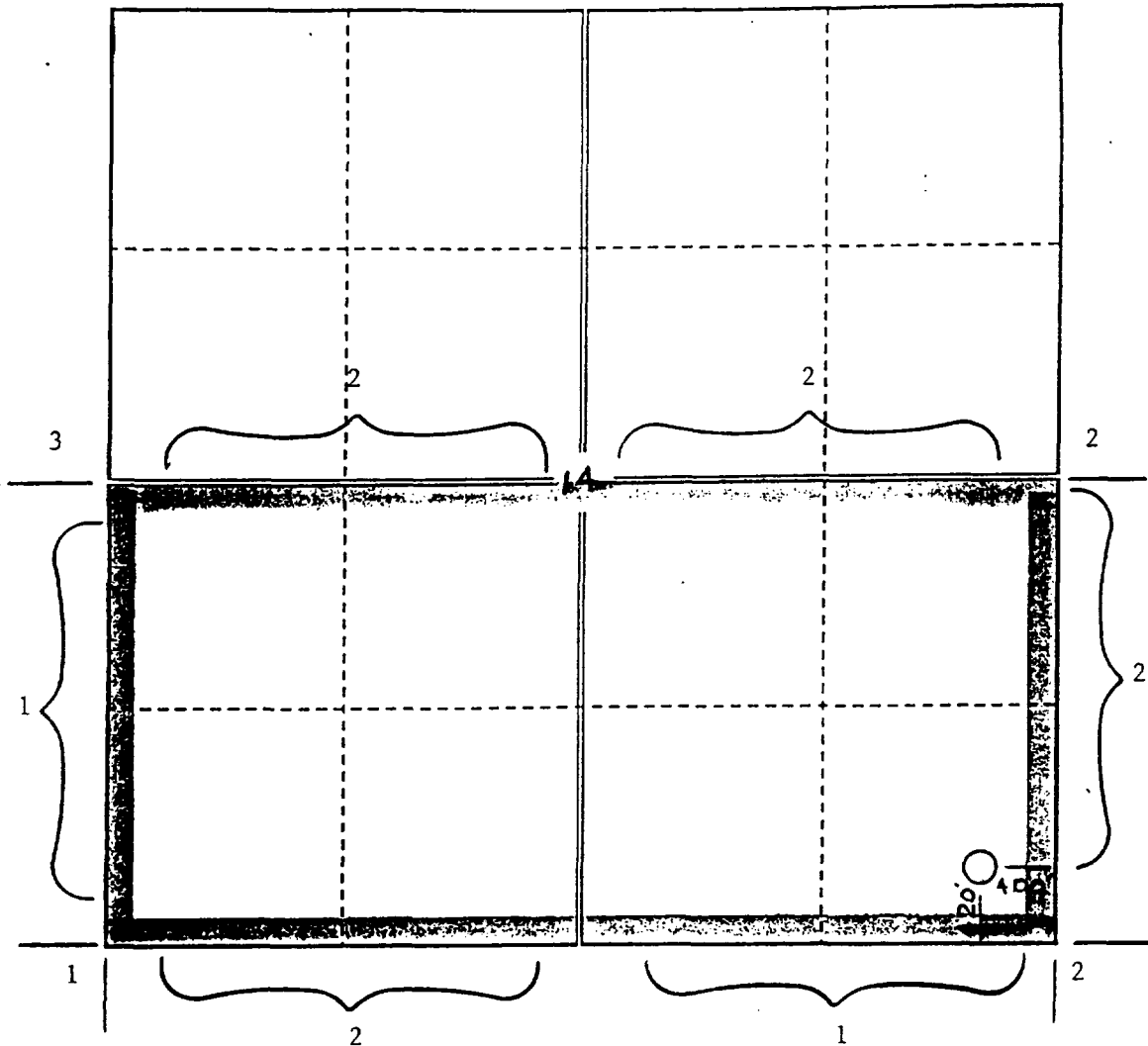
MERIDIAN OIL INC

Well Name Morris #3

Footage 420' FSL; 400' FEL

APPLICATION FOR NON-STANDARD LOCATION

County San Juan State New Mexico Section 14 Township 27N Range 10W



Remarks 1) Meridian Oil Inc.  
2) Amoco Production Company  
3) Mobil Producing Texas & New Mexico

Morris #3  
420'FSL, 400'FEL  
Section 14, T-27-N, R-10-W  
San Juan County, New Mexico

I hereby certify that the following offset owners/operators have been mailed notification of our application for administrative approval for non-standard gas well location for the plugback and recompletion of the above well.

Amoco Production Company  
P.O. Box 800  
Denver, CO 80201

Mobil Producing Texas & New Mexico  
P.O. Box 650232  
Dallas, TX 75265-0232



Peggy Bradfield  
May 3, 1990

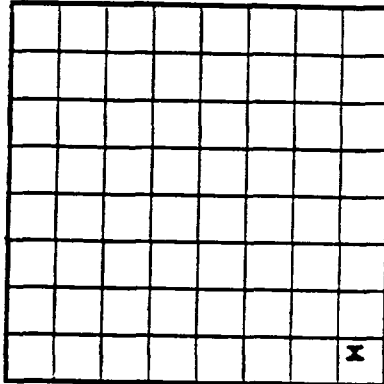
San Juan County  
State of New Mexico

My commission expires August 17, 1992

U. S. GEOLOGICAL SURVEY 079596

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

Company J. Glenn Turner Address c/o San Juan Drilling Company  
Box 728 - Farmington, New Mexico  
Lessor or Tract Morris Field Fulcher-Kuts State New Mexico  
Well No. 2 Sec. 14 T. 27 R. 10 W. Meridian N.M.P.M. County San Juan  
Location 120 ft. {N.} of S. Line and 400 ft. {W.} of E. Line of Sec. 14 Elevation 6196  
(Denote flow 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 C. Beeson Neal  
Title Agent in Farmington

Date September 4, 1952

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

Commenced drilling August 5, 19 52 Finished drilling August 25, 19 52

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2,055 to 2,138 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—	
9-5/8" 36#	8 rd. thd.	J&L	91'	None					Surface
HIZLOK OR OIL OK CV2 METT									

## MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8" 91'		75 sacks	Halliburton		Mostly water
5-1/2" 2069'		150 sacks	Halliburton		Mostly water

## PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_

Copy Sent to  
Hester 5/18/90



# McKenzie Methane Corporation

McKenzie Methane Corporation

May 8, 1990

Mr. Michael Stogner  
New Mexico Oil Conservation Division  
310 Old Santa Fe Trail  
Box 2088  
Santa Fe, NM 87504-2088

Case 10024

Re: Unorthodox Location  
Angel Peak 14L #6  
NW SW 14-T27N-R10W  
San Juan County, NM

Dear Mr. Stogner,

We are seeking administrative approval for the referenced unorthodox location. Going by Division Memorandum No. 3-89, I have enclosed the following:

A completed C-102  
An affidavit to Meridian & Amoco with return receipt cards  
A statement from our Field Engineer regarding the location  
An outline of the orthodox drilling window  
Land plat showing offset operators  
Cut and fill diagram of our proposed location  
A topo showing the orthodox drilling window  
A topo showing the proposed location  
An enlargement of the topo  
Road map & enlargement  
El Paso's pipeline map for T27N-R10W

A cultural survey has already been conducted by the Division of Conservation Archaeology on February 12 and March 3, Technical Report #1850. Our Federal Application to Drill was submitted on March 17. The BLM has indicated that approval of our application is pending NMOCD's approval of this location.

This well was staked 1835' FSL and 640' FWL because of constraints established by the topography and the existing pipelines in the immediate area. Your consideration and approval of this location would be appreciated.

Very truly yours,

Heather Roark

enclosures

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, Artesia, 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

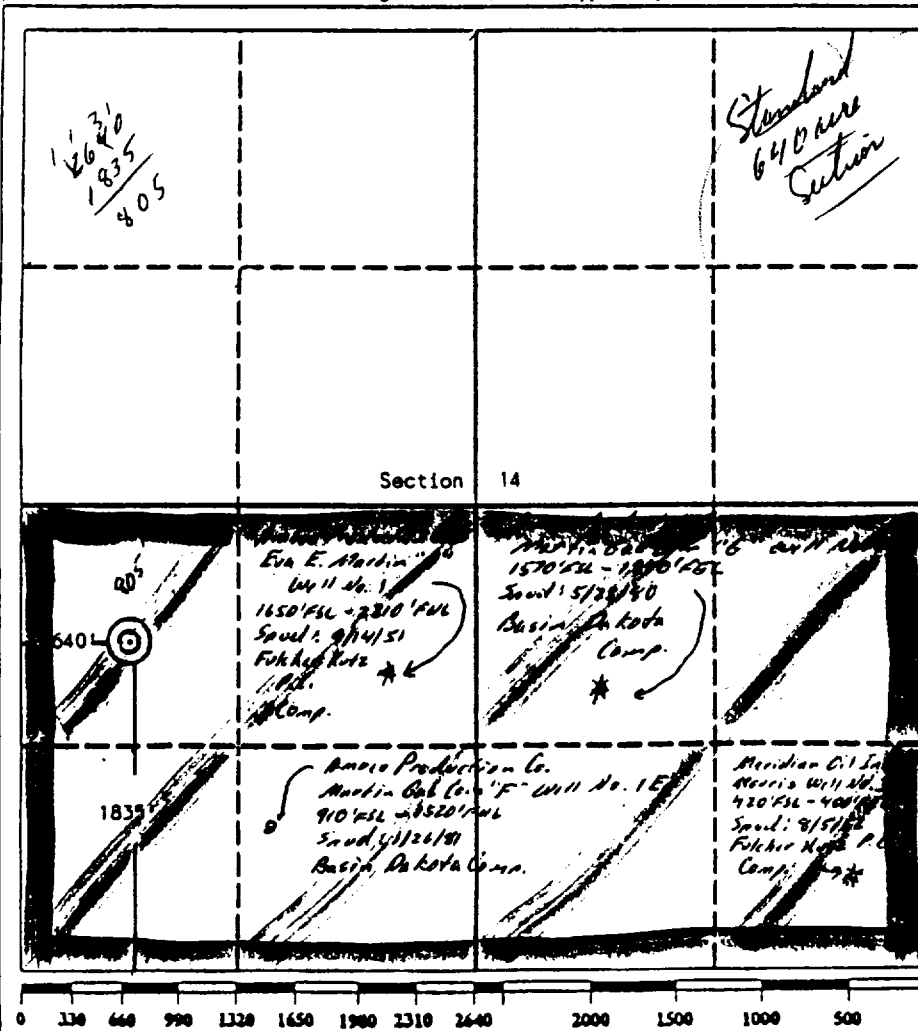
Operator McKenzie Methane Corporation			Lease Angel Peak 14L		Well No. #6
Unit Letter L	Section 14	Township 27 North	Range 10 West	County San Juan	

Actual Footage Location of Well:

1835 feet from the South line and 640 feet from the West line

Ground level Elev. 6200	Producing Formation Fruitland Coal	Pool Basin Fruitland Coal	Dedicated Acreage: 320 Acres
----------------------------	---------------------------------------	------------------------------	---------------------------------

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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: *Heather Roark*  
Printed Name: Heather Roark  
Position: Technician  
Company: McKenzie Methane Corp.  
Date: March 27, 1990

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.

Date Surveyed: January 25, 1990  
Signature & Seal of Professional Surveyor:  
*Edgar L. Risenhoover*  
EDGAR L. RISENHOOVER  
NEW MEXICO  
3979  
5990  
Edgar L. Risenhoover  
Surveyor License No. 07720



# McKenzie Methane Corporation

May 2, 1990

Ms. P.J. Woods  
Room 2273  
Amoco Production Company  
P.O. Box 800  
Denver, Colorado 80201

Re: Notice Of Application  
For Unorthodox Location  
Angel Peak 14L #6  
Sec.14-T34N-R10W  
San Juan County, N.M.

Dear Ms. Woods:

The above referenced well is currently staked 640' FWL rather than the required 790' FWL making this an unorthodox location. McKenzie Methane realized an orthodox location in the 4 section would not be possible due to the combination of topography and an EPNG pipeline and chose this location for safety reasons.

The well is currently staked only 100' west of the pipeline, which parallels the road. Moving closer to the pipeline would still not allow an orthodox location and would place the pipeline on part of the well pad. Moving 150' further east would place the well only 25' from the pipeline, a distance McKenzie felt was unsafe.

Moving any further east is not possible due to the 270' cliff which parallels the road through this part of the section.

Since an orthodox location was not possible, it was decided that for safety reasons, the well should be staked so that the pipeline would not cross any part of the well pad.

Sincerely,

*Sam Cady*  
Sam Cady  
McKenzie Methane Corporation

<b>SENDER:</b> Complete Items 1 and 2 when additional services are desired, and complete Items 3 and 4. Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested. 1. <input type="checkbox"/> Show to whom delivered, date, and addressee's address. (Extra charge) 2. <input type="checkbox"/> Restricted Delivery (Extra charge)	
3. Article Addressed to: Ms. P.J. Woods (Room 2273) Amoco Production Company P.O. Box 800 Denver, Co. 80201	4. Article Number <b>P 712 004 368</b> Type of Service: <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail Always obtain signature of addressee or agent and <b>DATE DELIVERED</b> .
5. Signature - Addressee <b>X</b>	6. Addressee's Address (ONLY if requested and fee paid)
6. Signature - Agent <b>X</b>	
7. Date of Delivery <b>5/3/90</b>	

6699 • Telecopier (303) 629-7908





# McKenzie Methane Corporation

May 2, 1990

Mr. Tom Hawkins  
Meridian Oil, Inc.  
3535 East 30th. Street  
P.O. Box 4289  
Farmington, New Mexico 87499

Re: Notice Of Application  
For Unorthodox Location  
Angel Peak 14L #6  
Sec.14-T34N-R10W  
San Juan County, N.M.

Sir:

The above referenced well is currently staked 640' FWL rather than the required 790' FWL making this an unorthodox location. McKenzie Methane realized an orthodox location in the 4 section would not be possible due to the combination of topography and an EPNG pipeline and chose this location for safety reasons.

The well is currently staked only 100' west of the pipeline, which parallels the road. Moving closer to the pipeline would still not allow an orthodox location and would place the pipeline on part of the well pad. Moving 150' further east would place the well only 25' from the pipeline, a distance McKenzie felt was unsafe.

Moving any further east is not possible due to the 220' cliff which parallels the road through this part of the section.

Since an orthodox location was not possible, it was decided that for safety reasons, the well should be staked so that the pipeline would not cross any part of the well pad.

Sincerely,

Sam Cady  
McKenzie Methane Corporation

SC/me

<b>● SENDER:</b> Complete Items 1 and 2 when additional services are desired, and complete Items 3 and 4. Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. <u>The return receipt fee will provide you the name of the person delivered to and the date of delivery.</u> For additional fees the following services are available. Consult postmaster for fees and check box (es) for additional service(s) requested. 1. <input type="checkbox"/> Show to whom delivered, date, and addressee's address. <i>1 (Extra charge)!</i> 2. <input type="checkbox"/> Restricted Delivery <i>1 (Extra charge)!</i>	
3. Article Addressed to: Mr. Tom Hawkins Meridian Oil, Inc. 3535 East 30th. St. P.O. Box 4289 Farmington, N.M. 87499	4. Article Number P 712 004 497  Type of Service: <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail  Always obtain signature of addressee or agent and <b>DATE DELIVERED.</b>
5. Signature - Addressee X	8. Addressee's Address (ONLY if requested and fee paid)
6. Signature - Agent X	
7. Date of Delivery 5-4-90	

6699 • Telecopier (303) 629-7908

Angel Peak 14L # 6

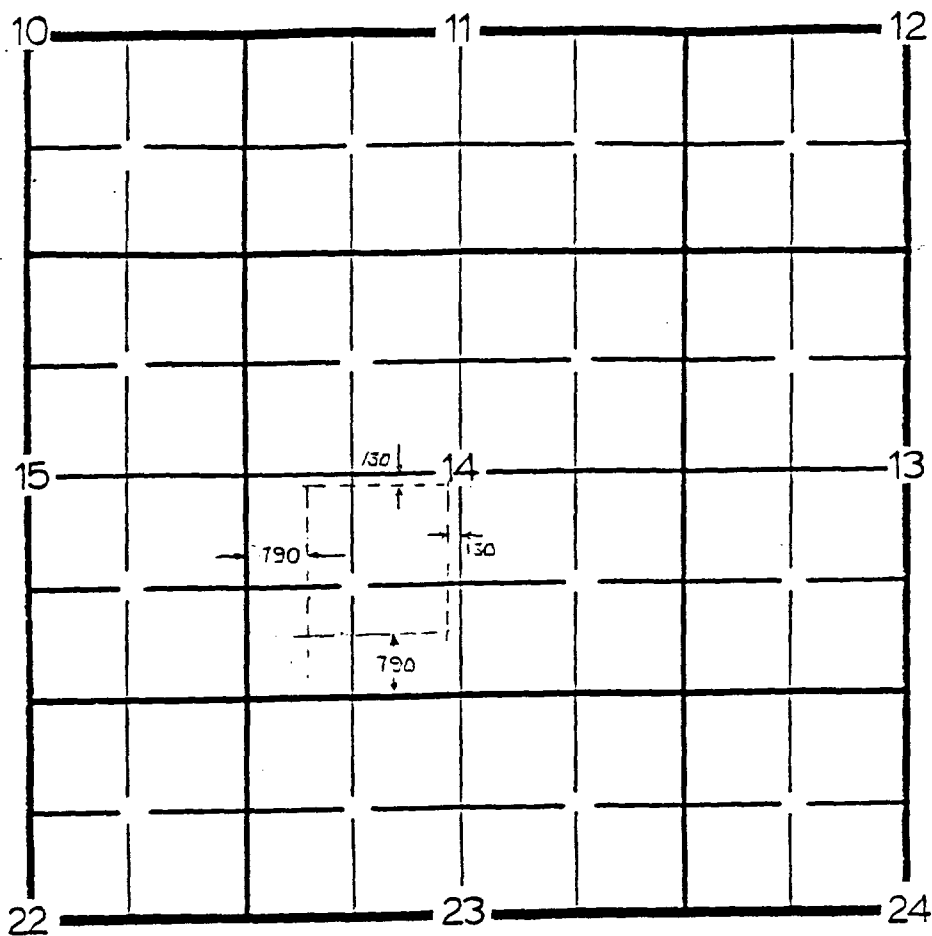
The well is currently staked 640' FWL rather than the required 790' FWL making this an unorthodox location. McKenzie Methane realized an orthodox location in this  $\frac{1}{4}$  section would not be possible due to the combination on topography and an EPNG pipeline and chose this location for safety reasons.

The well is currently staked only 100' west of the pipeline which parallels the road as shown on the attached survey plat. Moving closer to the pipeline would still not allow an orthodox location and would place the pipeline on part of the well pad. Moving 150' further east would place the well only 25' from the pipeline, a distance which McKenzie felt was unsafe.

Moving any further east is not possible <sup>due</sup> to the 220' cliff which parallels the road through this part of the section.

Since an orthodox location was not possible, it was decided that for safety reasons the well should be staked so that the pipeline would not cross any part of the well pad.

PLEASE SEE ATTACHED TOPO AND MAP.



Specs for Dethadex  
Drilling Window  
→

1/2 sec - 790' to the  
prorated  
unit

1/4 sec - 10' to 400'  
(spacing?)



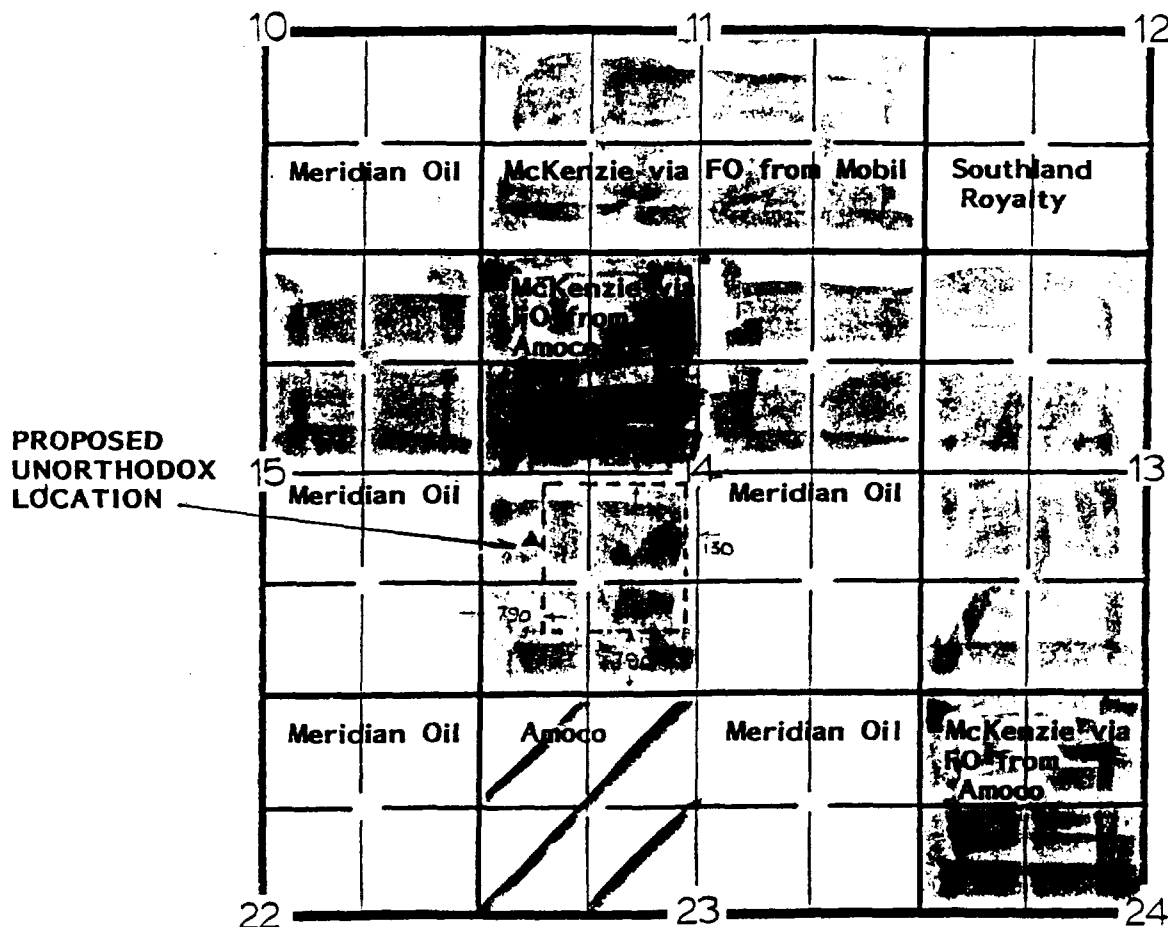
**McKenzie Methane Corps**

HOUSTON • BIRMINGHAM • DENVER • FARMING

Dethadex Drilling Window

Sec. 14 - 727N - R10W

&  
no closer than 130'  
to the dividing line  
btw 1/4 sections



The above plat indicates the current ownership of Fruitland Operating Rights as I believe them to be this 1st day of May, 1990

*Howard W. Dennis*  
Howard W. Dennis, Vice President

**McKenzie Methane Corporation**

HOUSTON • BIRMINGHAM • DENVER • FARMINGTON

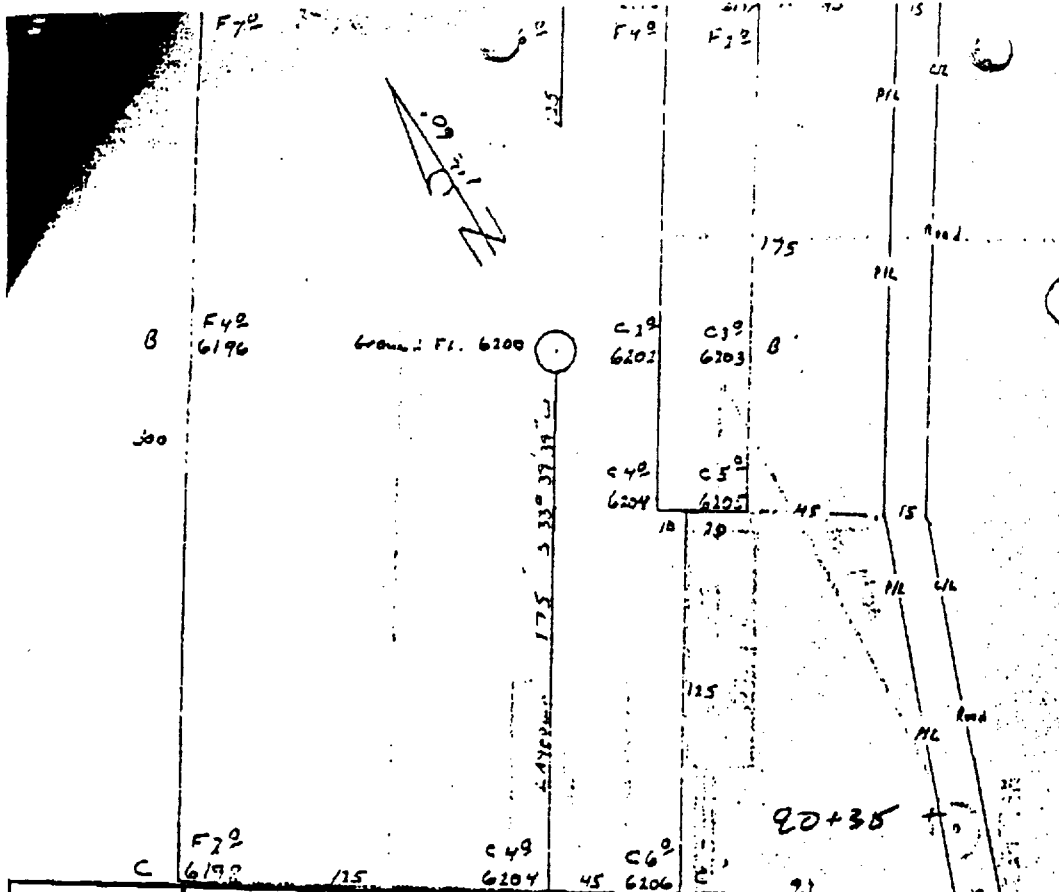
FRUITLAND OPERATING RIGHTS

SURROUNDING SECTION 14-T27N-R10W

ANGEL PEAK 14L #6

1835' FSL, 640' FWL

San Juan County, New Mexico



Mckenzie Methane Corporati  
OPERATOR

Angel Peak 14L #6  
WELL NAME & NO.

1835' F/SL 040' F/WL

FOOTAGES

14 27N 10W

SEC. TWP. RGE.

San Juan, NM

COUNTY

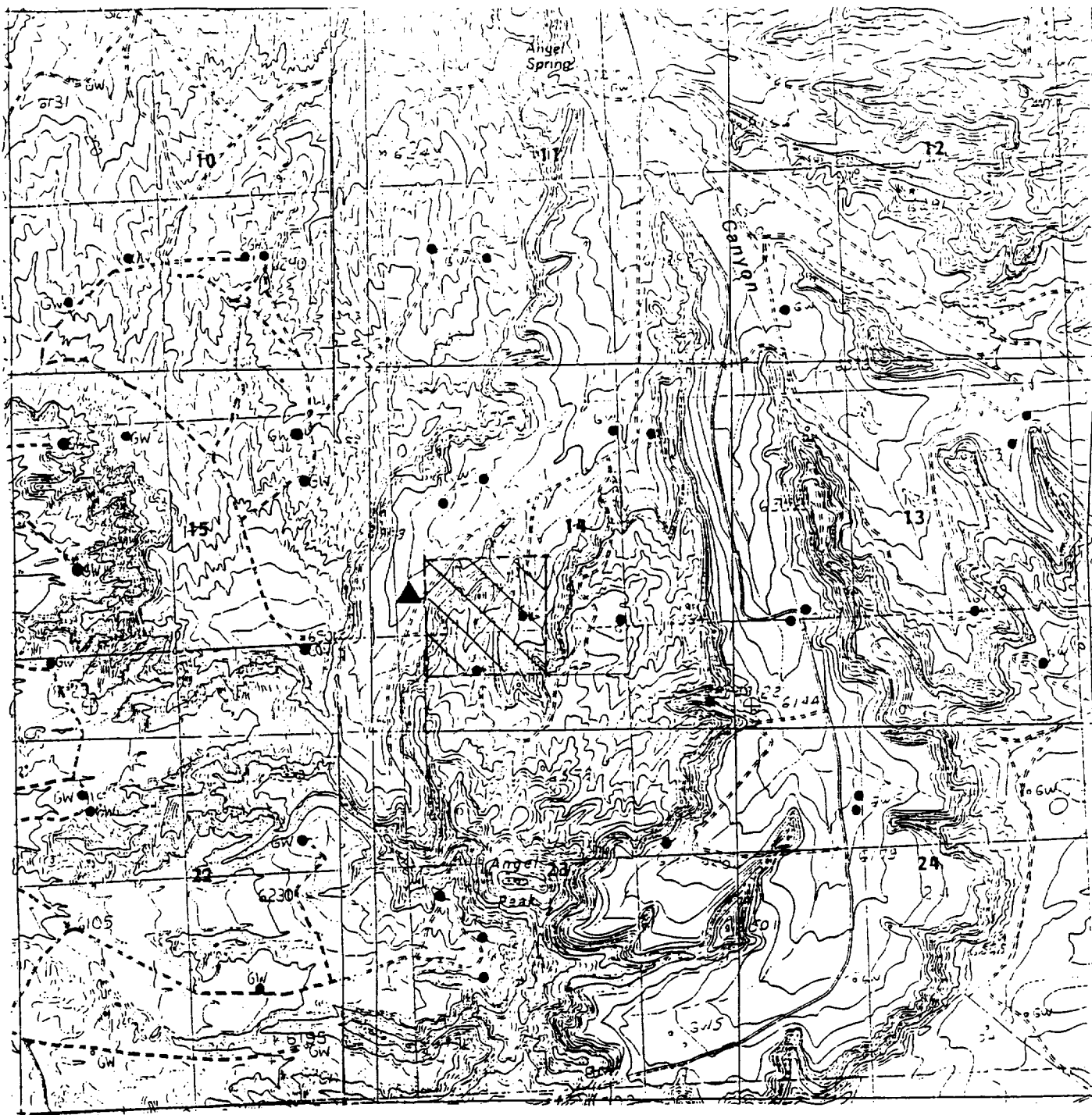
January 25, 1990

DATE

6210					
6200					
6190					

6210					
6200					
6190					


Horizontal 1" = 40'  
Vertical 1" = 30'



SEE ATTACHED BLOWN UP TOPO



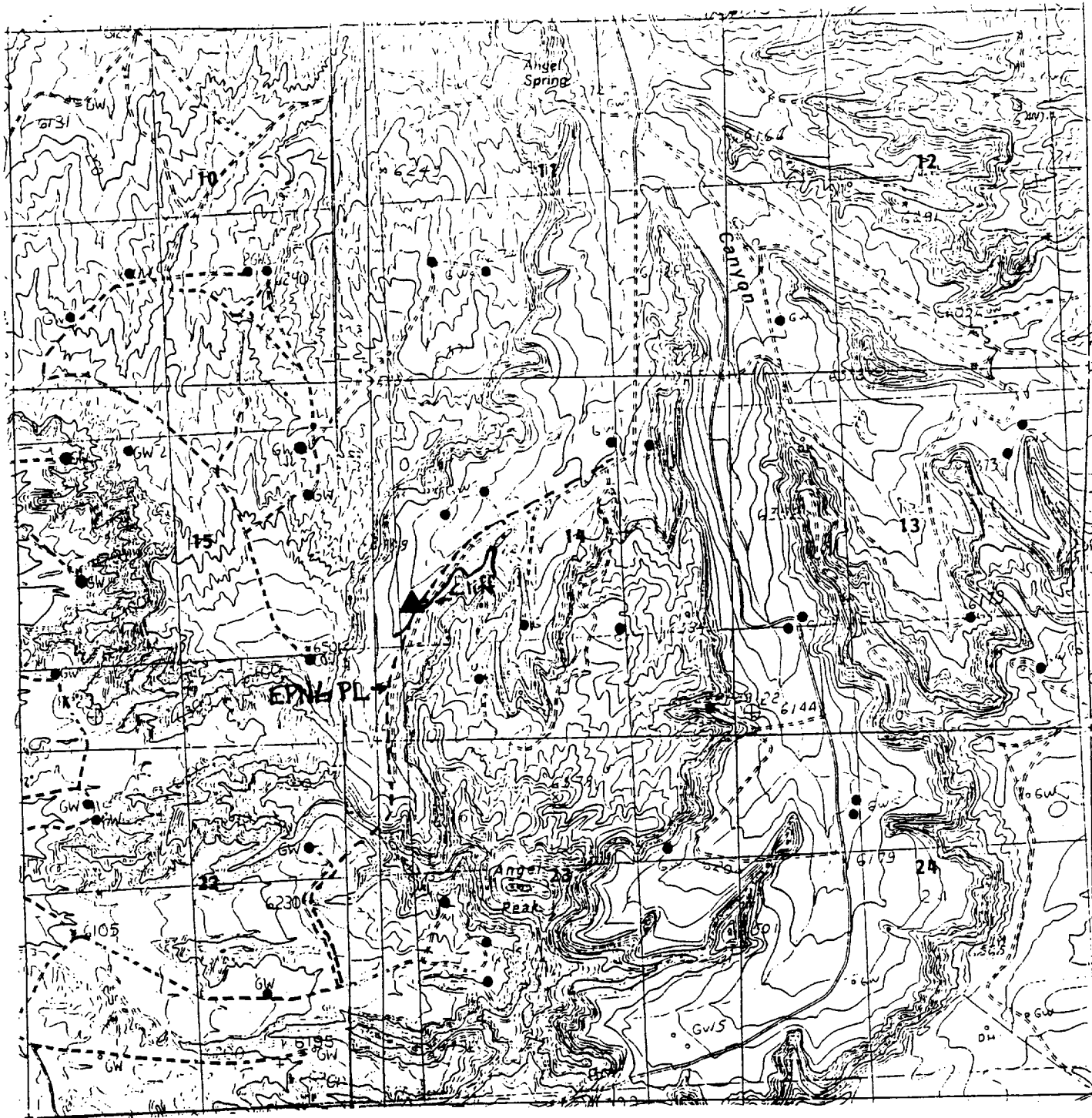
**McKenzie Methane Corporation**

HOUSTON • BIRMINGHAM • DENVER • FARMINGTON

**ANGEL PEAK 14L #6**

**Sw 1/4 Section 14**

**Township 27 North, Range 10 West  
San Juan County, New Mexico**



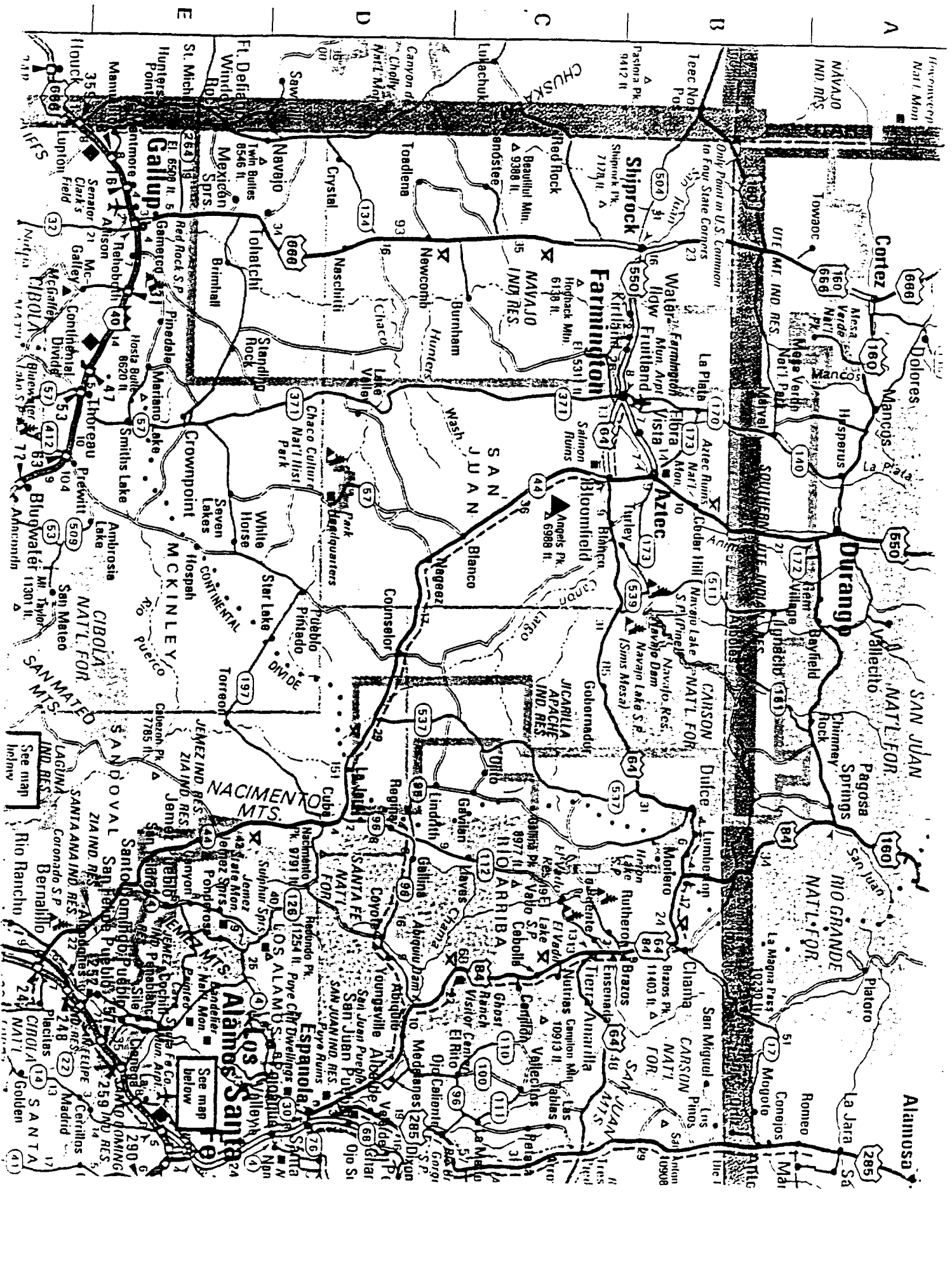
SEE ATTACHED BLOWN UP TOPO



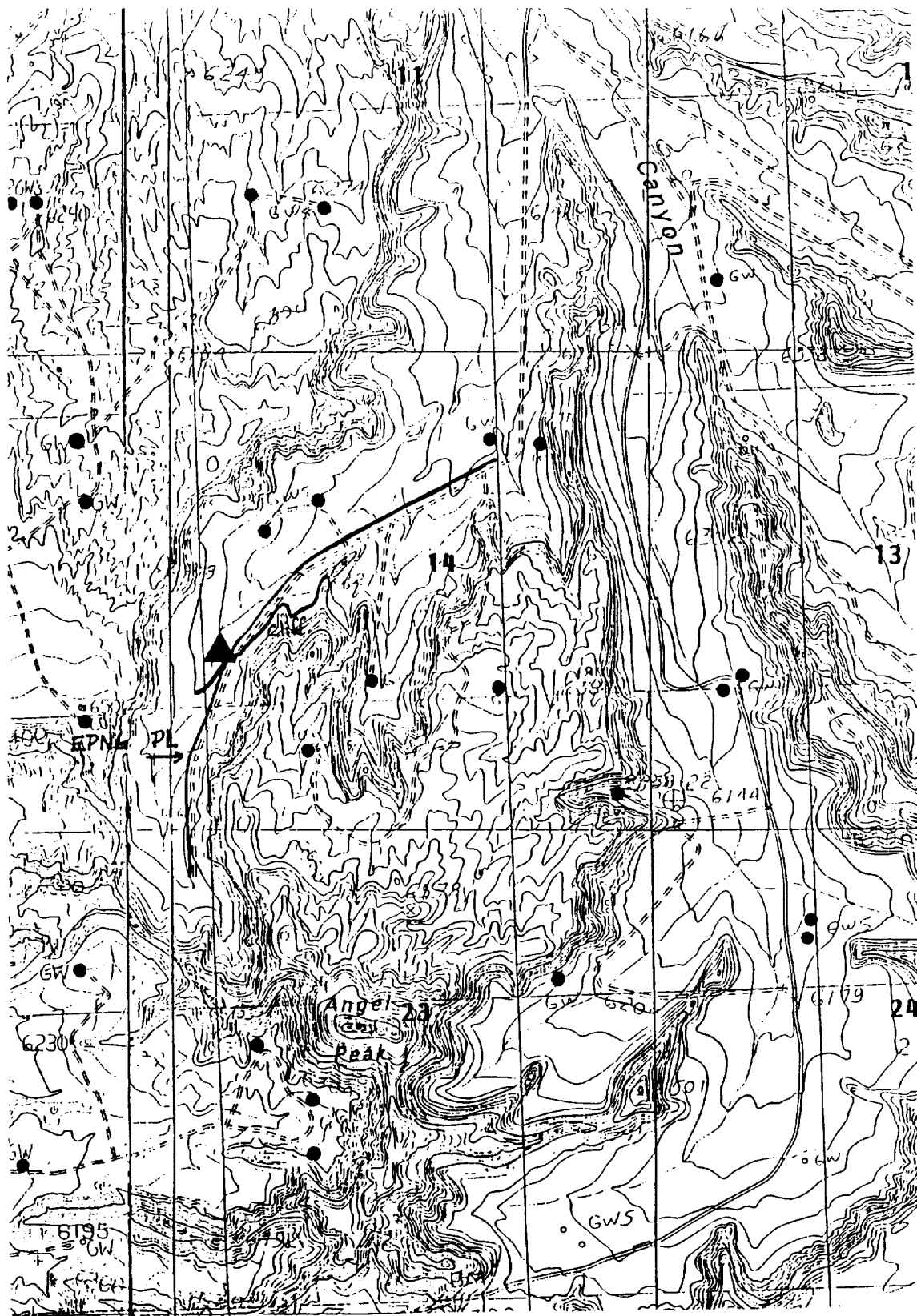
**McKenzie Methane Corporation**

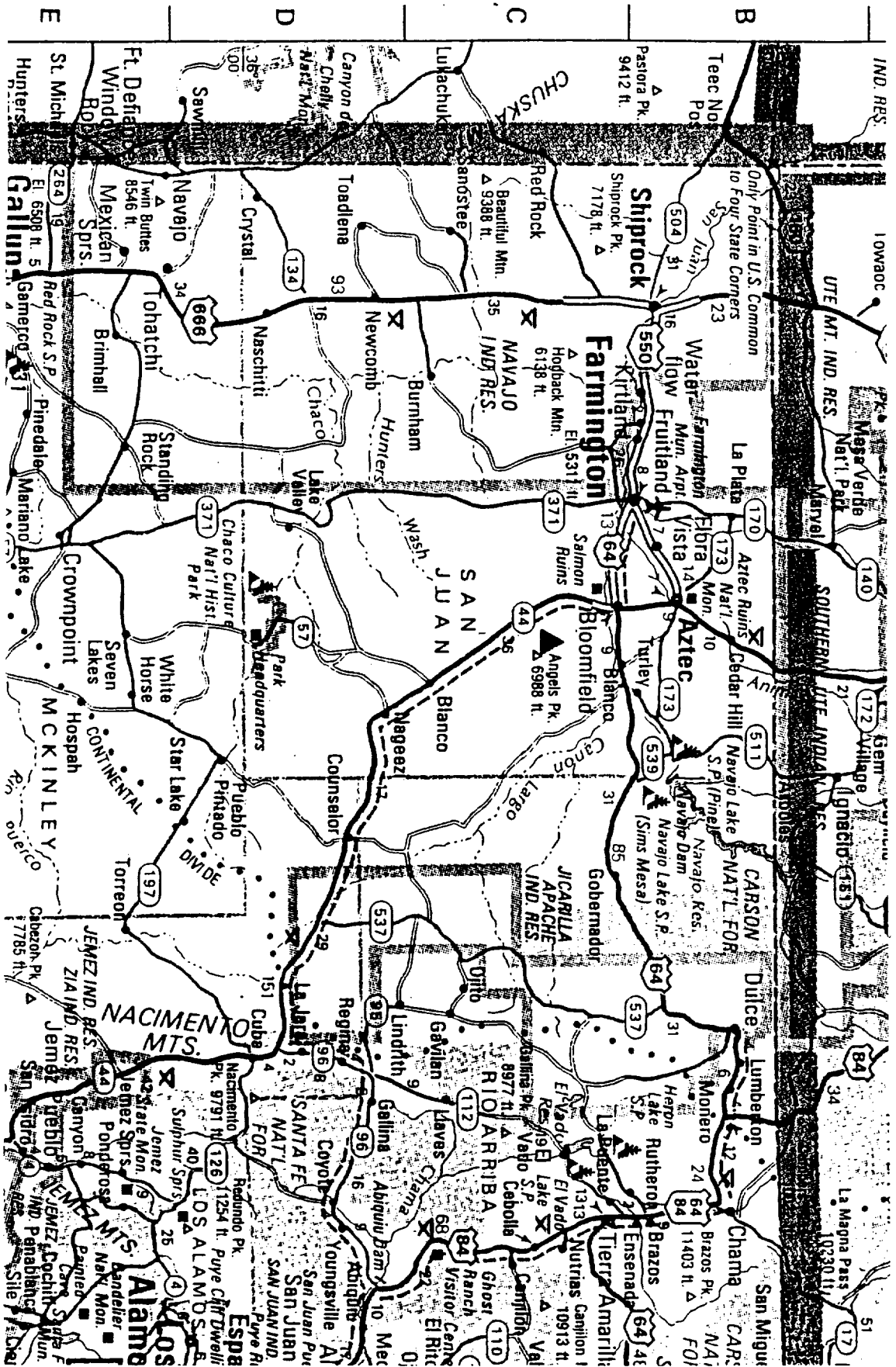
HOUSTON • BIRMINGHAM • DENVER • FARMINGTON

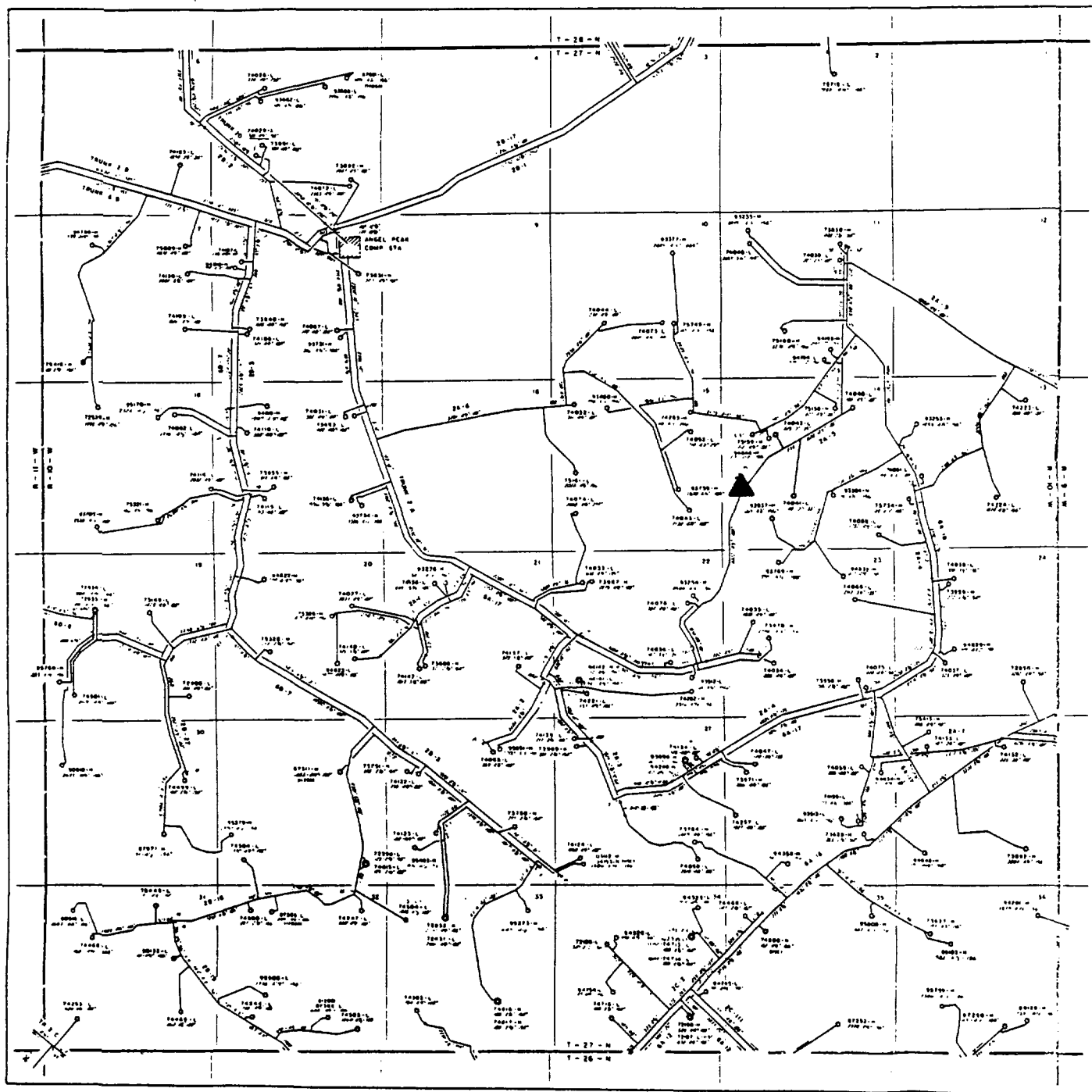
**ANGEL PEAK 14L #6**  
**Sw 1/4 Section 14**  
**Township 27 North, Range 10 West**  
**San Juan County, New Mexico**











T-27-N, R-10-W N. MEX.

Form approved  
Budget Bureau No. 1004-0136  
Expires August 31, 1985

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

<b>1a. TYPE OF WORK</b> <div style="display: flex; justify-content: space-around;"> <span>DRILL <input checked="" type="checkbox"/></span> <span>DEEPEN <input type="checkbox"/></span> <span>PLUG BACK <input type="checkbox"/></span> </div>				<b>7. UNIT AGREEMENT NAME</b> <div style="text-align: center;">---</div>	
<b>b. TYPE OF WELL</b> <div style="display: flex; justify-content: space-between;"> <div> OIL WELL <input type="checkbox"/>  GAS WELL <input checked="" type="checkbox"/> </div> <div> OTHER <input type="checkbox"/>  SINGLE ZONE <input checked="" type="checkbox"/> </div> <div> MULTIPLE ZONE <input type="checkbox"/> </div> </div>				<div style="text-align: center;">---</div>	
<b>2. NAME OF OPERATOR</b> McKenzie Methane Corporation				<b>8. FARM OR LEASE NAME</b> Angel Peak 14H	
<b>3. ADDRESS OF OPERATOR</b> 1625 Broadway, Suite 2580, Denver, CO 80202				<b>9. WELL NO.</b> 5	
<b>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*</b> At surface 1755' FNL, 1045' FEL At proposed prod. zone same				<b>10. FIELD AND POOL, OR WILDCAT</b> Basin Fruitland Coal	
<b>14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*</b> ±5 miles south, south-east of Bloomfield, New Mexico				<b>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA</b> SE 1/4 NE 1/4 Sec. 14-T27N-R10W	
<b>15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)</b> 1045'				<b>12. COUNTY OR PARISH</b> San Juan	
<b>16. NO. OF ACRES IN LEASE</b> ±1240-1430				<b>13. STATE</b> New Mexico	
<b>17. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.</b> ±600'				<b>17. NO. OF ACRES ASSIGNED TO THIS WELL</b> 320 E 1/2	
<b>18. PROPOSED DEPTH</b> 2115'				<b>18. ROTARY OR CABLE TOOLS</b> rotary	
<b>21. ELEVATIONS (Show whether DF, RT, GR, etc.)</b> 6150' GR				<b>22. APPROX. DATE WORK WILL START*</b> May 3, 1990	
This action is subject to technical and procedural review pursuant to 43 CFR 3155.9 and 43 CFR 3155.4.					
PROPOSED CASING AND CEMENTING PROGRAM SUBJECT TO COMPLIANCE WITH ATTACHED GENERAL REQUIREMENTS					
<b>SIZE OF CASING</b> 12-1/2" 7-7/8"		<b>WEIGHT PER FOOT</b> 24# 11.6#		<b>SETTING DEPTH</b> 250' 2115'	
<b>GENERAL REQUIREMENTS</b> 175sx C1 'B' w/ 2% CaCl 300sx 65/35 POZ + 1#/sx floccle 2% gel & 125sx 50/50 POZ + 2% Ca					

**RECEIVED**

APR 24 1990

**OIL CON. DIV**  
**DIST. 3**

“The applicant for this action does not claim that the applicant holds legal or equitable rights or title to this lease.”

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. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

34. SIGNED Heather Roark TITLE Technician DATE March 27, 1990  
Heather Roark  
 (This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY : \_\_\_\_\_

APPROVED  
AS AMENDED

APR 20 1990

~~APPROVED~~  
AS AMENDED

**APR 20 1990**

**AREA MANAGER**

**\*See Instructions On Reverse Side**

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, Artesia, NM 88210

DISTRICT III

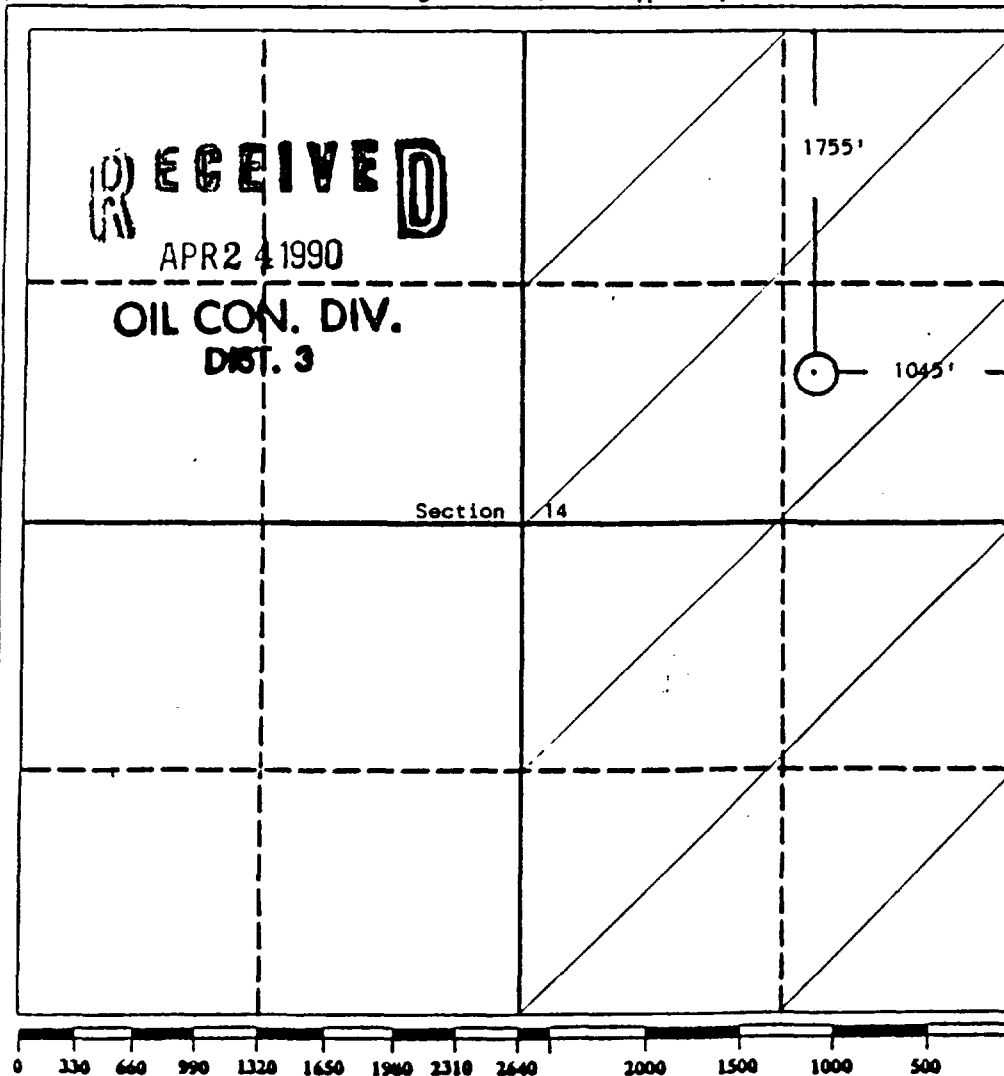
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator McKenzie Methane Corporation			Lease Angel Peak 14H		Well No. #5
Unit Letter H	Section 14	Township 27 North	Range 10 West	County San Juan	
Actual Footage Location of Well: 1755 feet from the North line and 1045 feet from the East line					
Ground level Elev. 6150	Producing Formation Fruitland Coal	Pool Basin Fruitland Coal		Dedicated Acreage: E/320 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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: *Heather Roark*  
Printed Name: Heather Roark  
Position: Technician  
Company: McKenzie Methane Corp.  
Date: March 27, 1990

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.

Date Surveyed: January 25, 1990  
Signature & Seal of Professional Surveyor: *Edgar L. Risenhoover*  
Certificate No. 5979  
Edgar L. Risenhoover

NSL-M6

May 24, 1990

Meridian Oil, Inc.  
P.O. Box 4289  
Farmington, NM 87499-4289

Attention: Peggy Bradfield

Administrative Order NSL-\_\_\_\_\_

Dear Ms. Bradfield:

Reference is made to your application dated May 3 1990 for a non-standard Basin-Fruitland coal gas well location for your existing Morris Well No. 3 which was drilled in 1952 and completed in the Fulcher Unit P.C. at a standard gas well location 420 feet from the South line and 400 feet from the East line (Unit P) of Section 14, Township 27 North, Range 10 West, NMPM, San Juan county, New Mexico.

It is my understanding that the fractured clays zone will be properly plugged back and said well will be recompleted to the Basin-Fruitland Coal Gas Pool, which pursuant to the Special Rules and Regulations for the Basin-Fruitland Coal Gas Pool as promulgated by Division Order No. R-8768, is unorthodox. Further, 5/2 of said Section 14 shall be dedicated to the well forming a standard 320-acre gas spacing and proration unit for said pool.

By the authority granted me under the provisions of Rule 8 of said Division Order No. R-8768, the above-described unorthodox coal gas well location is hereby approved.

Sincerely,

William J. LeMay  
Director

WJL/MES/ag

cc: Oil Conservation Division - Aztec  
US Bureau of Land Management - Farmington



STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION  
AZTEC DISTRICT OFFICE

1000 RIO ABATOS ROAD  
AZTEC, NEW MEXICO 87410  
(505) 334-0170

JARREY CARRUTHERS  
GOVERNOR

Date: 5-16-90

Oil Conservation Division  
P.O. Box 2088  
Santa Fe, NM 87504-2088

Re: Proposed MC \_\_\_\_\_  
Proposed DHC \_\_\_\_\_  
Proposed NSL X \_\_\_\_\_  
Proposed SWD \_\_\_\_\_  
Proposed WFX \_\_\_\_\_  
Proposed PMX \_\_\_\_\_

Gentlemen:

I have examined the application dated 5-8-90  
for the McQuinn Oil Inc. Morris #3  
Operator Lease & Well No.

P-14-27K-1001 and my recommendations are as follows:  
Unit, S-T-R

Approve  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Yours truly,

Ernie Burch

53 MAY 18 AM 9 09

Standard

64000

Section

McKenzie McShane  
Corp.

Corp.

Orange 1 Plate 146  
#5

54

7736, 5401-7NF, 5561

APP indicates

indicates  
a 320 stand - the above tier unit.

Amoco Production Co.  
Eva E. Martin #1-A  
1650' PGL - 2310' FWL  
Spud - 9/14/51  
T.D. 2160'  
Fulcher Kutz PG  
Producing

Amoco Prod. Co. Menton Gas Com Co. 1570' Fd - 1840' Fd Spud - 5/23/80 T.D. 6950' Basin Dakota Producing	No. 12
---	--------

Amoco Prod. Co.  
Martin Gas Con'f" No. 16  
910' FSL - 1520' FWL  
Spud - 11/26/81  
T.D. - 6973'  
Basin. Dakota  
Producing

Meridian Oil, Inc.  
Morrow No. 3  
420' FSL - 400' FSL  
Spud - 8/5/52  
T.D. 2138'  
Fulcher Kuty PC  
Production  
(Subject well)

SECTION 12

TOWNSHIP

RANGE 1000

San Juan County



# MERIDIAN OIL

May 3, 1990

Certified Mail

Mr. William LeMay  
New Mexico Oil Conservation Division  
Post Office Box 2088  
Santa Fe, New Mexico 87503



*Case 10024*

RE: Morris #3  
420'FSL, 400'FEL  
Section 14, T-27-N, R-10-W  
San Juan County, New Mexico

Dear Mr. LeMay:

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

Meridian Oil intends to plugback and recomplete the Morris #3 well from the Pictured Cliffs pool to the Basin Fruitland Coal Pool. The current location of this well is 420'FSL, 400'FEL, Section 14, T-27-N, R-10-W, San Juan County, New Mexico. The 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. Affidavit of notification of offset owners/operators;
4. Copy of Well Completion Log for original completion.

A copy of this application is being submitted to all offset owners/operators by certified mail with a request that they furnish your Santa Fe office with a Waiver of Objection, and return one copy to this office.

Sincerely yours,

A handwritten signature in cursive script that reads "Peggy Bradfield".

Peggy Bradfield  
encl.

## WAIVER

\_\_\_\_\_ hereby waives objection to Meridian Oil Inc.'s application for a non-standard location for their Morris #3 as proposed above.

By: \_\_\_\_\_ Date: \_\_\_\_\_

xc: Amoco Production Company  
Mobil Producing Texas & New Mexico

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, Artesia, 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 Meridian Oil Inc.		Lease Morris (SF-079596)		Well No. 3
Unit Lot P	Section 14	Township 27 North	Range 10 West	County San Juan
Actual Footage Location of Well: 420 feet from the South line and 400 feet from the East line				
Ground level Elev.	Producing Formation Fruitland Coal	Pool Basin	Dedicated Acreage: 320 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.

Not re-surveyed;  
prepared from a plat by  
Charles Finkler 6-15-52

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  
Meridian Oil Inc.  
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. 4-16-90

Date Surveyed  
Signature  
Professional Surveyor  
NEALE C. EDWARDS  
NEW MEXICO  
6857  
REGISTERED LAND SURVEYOR  
Neale C. Edwards

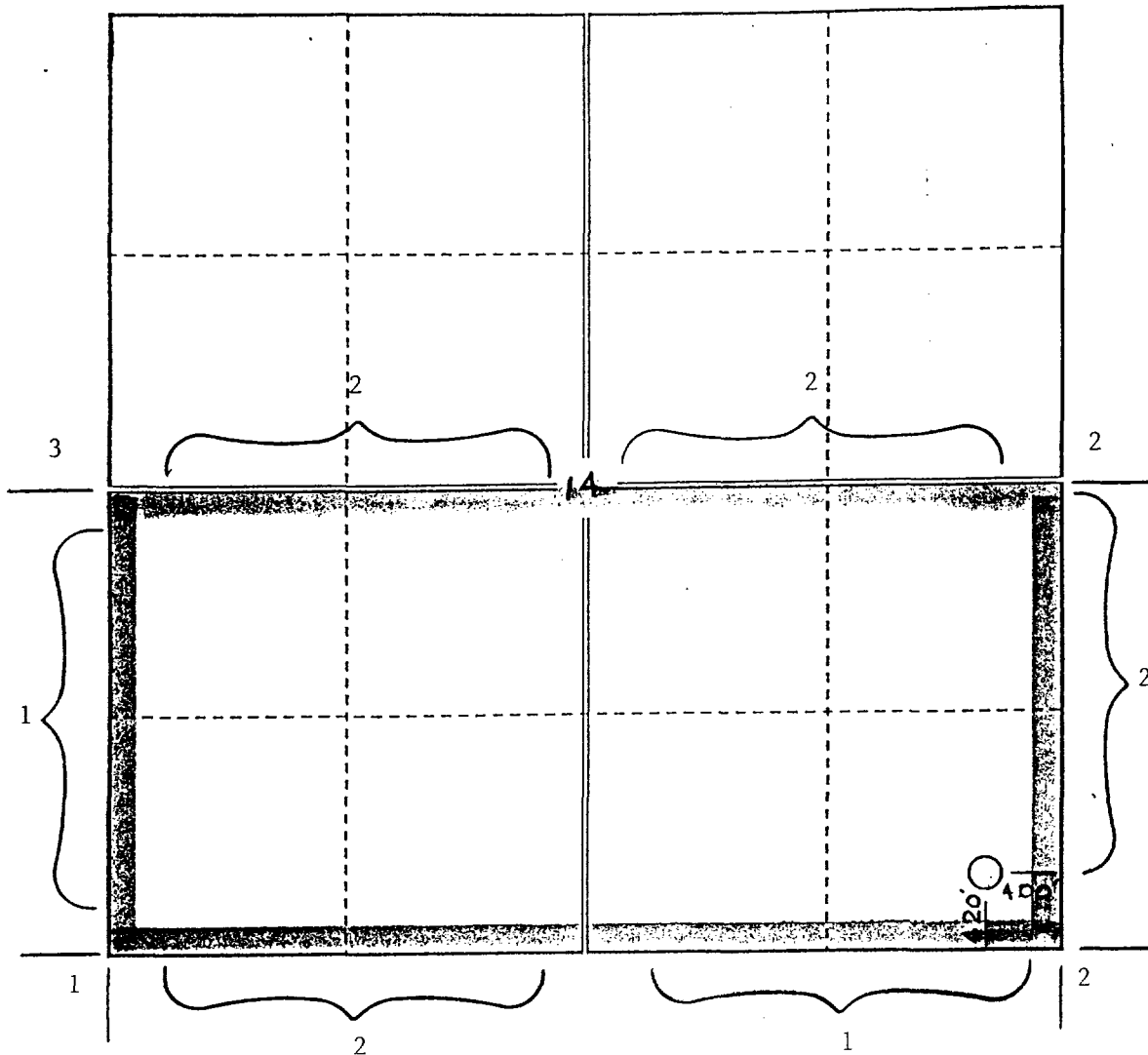
MERIDIAN OIL INC

Well Name Morris #3

Footage 420' ESL; 400' FEL

APPLICATION FOR NON-STANDARD LOCATION

County San Juan State New Mexico Section 14 Township 27N Range 10W



Remarks

1) Meridian Oil Inc.

2) Amoco Production Company

3) Mobil Producing Texas & New Mexico

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Morris #3  
420'FSL, 400'FEL  
Section 14, T-27-N, R-10-W  
San Juan County, New Mexico

I hereby certify that the following offset owners/operators have been mailed notification of our application for administrative approval for non-standard gas well location for the plugback and recompletion of the above well.

Amoco Production Company  
P.O. Box 800  
Denver, CO 80201

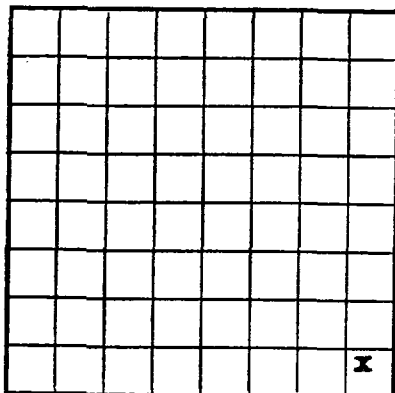
Mobil Producing Texas & New Mexico  
P.O. Box 650232  
Dallas, TX 75265-0232

A handwritten signature in cursive script, reading "Peggy A. Bradfield".

Peggy Bradfield  
May 3, 1990

San Juan County  
State of New Mexico

My commission expires August 17, 1992



LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

Company J. Glenn Turner Address c/o San Juan Drilling Company  
Box 728 - Farmington, New Mexico  
Lessor or Tract Morris Field Fulcher-Kuts State New Mexico  
Well No. 2 Sec. 14 T. 27 R. 10 W. Meridian N.M.P.M. County San Juan  
Location 120 ft. (N.) of S. Line and 100 ft. (W.) of E. Line of Sec. 14 Elevation 6196  
(Quarry 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 C. Beeson Neal  
Date September 4, 1952 Title Agent in Farmington

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

Commenced drilling August 5, 19 52 Finished drilling August 25, 19 52

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2,055 to 2,138 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—	
9-5/8" 36	8 rd. thd.	J&L	91'	None					Surface
It is of the highest importance to use a complete record of the well. Please also in detail the character of the formation encountered. It is of the highest importance to use a complete record of the well. Please also in detail the character of the formation encountered.									
HIZLOK) OR OIL OK CYS WELL									

## MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8" 91'		75 sacks	Halliburton		Mostly water
5-1/2" 2069'		150 sacks	Halliburton		Mostly water

## PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_