

MERIDIAN OIL

August 28, 1992
Federal Express

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

Re: Angel Peak #1
1150' FSL, 1090' FWL
Section 2, T-27-N, R-11-W, San Juan County, NM

RECEIVED
AUG 31 1992
OIL CONSERVATION DIVISION

Dear Mr. LeMay:

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

Meridian Oil Inc. intends to complete the Angel Peak #1 in the Kutz Gallup pool and commingle with the existing Basin Dakota pool. The current location of this well is considered non-standard in the Kutz Gallup 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

WAIVER

_____ hereby waives objection to Meridian Oil Inc.'s application for non-standard location for the Angel Peak #1 as proposed above.

By: _____ Date: _____

xc: Texaco Exploration
Amoco Production
Conoco Inc.
BHP Petroleum
ARCO

OIL CONSERVATION DIVISION

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

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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

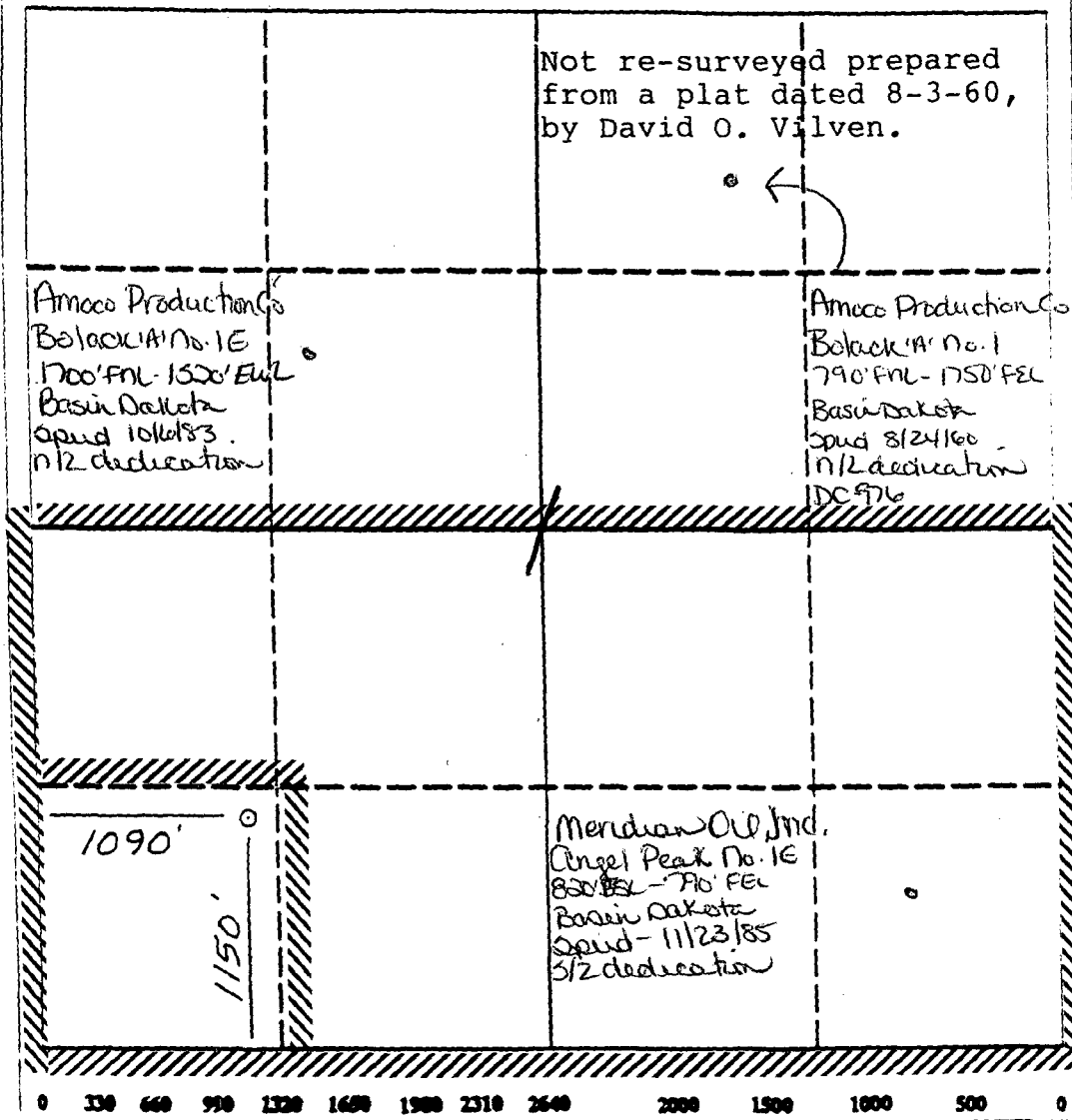
DISTRICT III
1000 Rio Brancos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

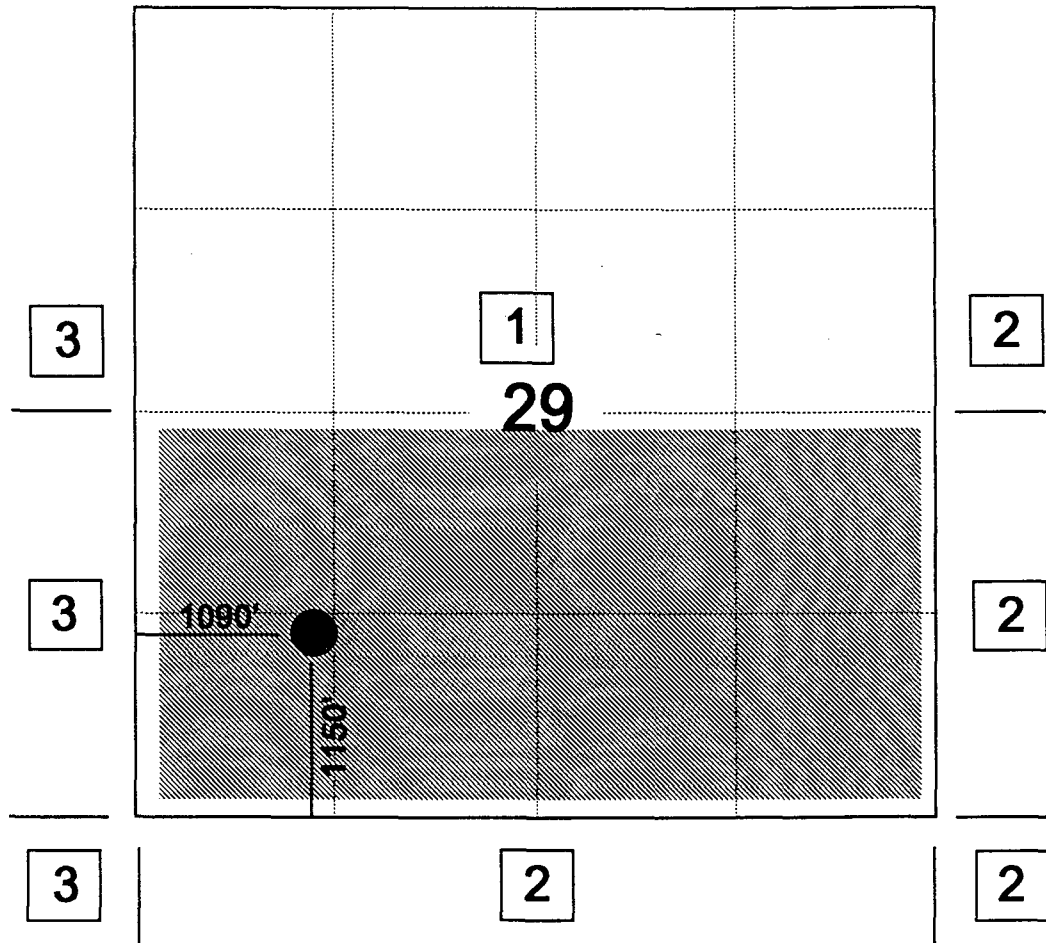
All Distances must be from the outer boundaries of the section

Operator Meridian Oil Inc.			Lease Angel Peak		Well No. 1
Unit Letter M	Section 2	Township 27 North	Range 11 West	County San Juan	
Actual Footage Location of Well: 1150 feet from the South line and 1090 feet from the West line					
Ground level Elev. 6054'	Producing Formation Gallup/Dakota		Pool Kutz/Basin	Dedicated Acreage: 40/320 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 tract, eliminating such interest, has been approved by the Division.



MERIDIAN OIL INC
OFFSET OPERATOR \ OWNER PLAT
Angel Peak #1
Gallup \ Dakota Commingle
Township 27 North, Range 11 West



- 1) Texaco Exploration and Production, Inc., PO Box 85771, Dallas, TX 75285
Amoco Production Co., PO Box 800, Denver, CO 80202
Conoco, Inc., PO Box 951063, Houston, TX 75395-1063
2) BHP Petroleum, PO Box 845877, Dallas, TX 75284-5877
3) ARCO, PO Box 688, Dallas, TX 75221
Amoco Production Company
Conoco, Inc.

Dakota Formation

MERIDIAN OIL

August 28, 1992

Angel Peak #1
1150' FSL, 1090' FWL
Section 2, T-27-N, R-11-W
San Juan County, New Mexico

I hereby certify that the following offset owners/operators have been notified by certified mail of our application for administrative approval for non-standard location of the above well.

Texaco Exploration and Production Inc.
PO Box 85771
Dallas, TX 75285

Amoco Production Co
PO Box 800
Denver, CO 80202

Conoco Inc.
PO Box 951063
Houston, TX 75395-1063

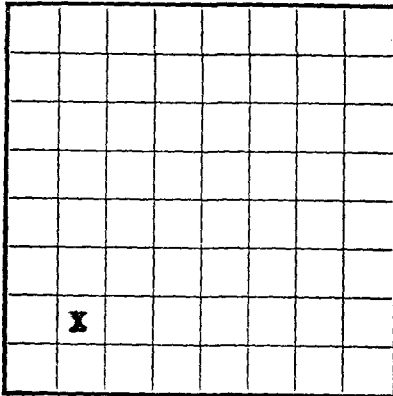
BHP Petroleum
PO Box 845877
Dallas, TX 75284-5877

ARCO
PO Box 688
Dallas, TX 75221



Peggy Bradfield
Notary Public
San Juan County, New Mexico

My commission expires August 17, 1996.



LOCATE WELL CORRECTLY

U. S. LAND OFFICE New Mexico
 SERIAL NUMBER 020495
 LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 990, Farmington, New Mexico
 Lessor or Tract Angel Peak Field Williston Dakota State New Mexico
 Well No. 1 Sec. 2 T. 27-N R. 11-W Meridian N.M.P.M. County San Juan
 Location 1150 ft. N of S Line and 1090 ft. E of W Line of Section 2 Elevation 6064
(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 Original Signed D. W. MeehanDate November 11, 1960Title Petroleum Engineer

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

Commenced drilling 8-26-60, 1960 Finished drilling 9-12-, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6307 to 6409 (G) No. 4, from _____ to _____
 No. 2, from 6409 to 6550 (G) No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____
 No. 1, from _____ to _____ No. 3, from _____ to _____
 No. 2, from _____ to _____ No. 4, from _____ to _____

IMPORTANT WATER SANDS

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
10 3/4"	32.75	8 R.	J-55	500	Hardy	Surface			production
5 1/2"	16.5	8 R.	J-55	500	Hardy	Surface			production
2"	4.7	8 R.	J-55	500	Hardy	Surface			production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	294	330	circulated		
5 1/2"	6545	374	single stage		

PLUGS AND ADAPTERS

Length _____ Depth set _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		See Well History				

TOOLS USED

Rotary tools were used from 0 feet to 6550 feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

~~9-29~~ _____, 19~~50~~ _____ 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 ~~8,422,000~~ _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. ~~1929~~ _____ A.O.F. 18175 MCF/D

EMPLOYEES

_____, Driller _____, Driller
 _____, Driller _____, Driller

FORMATION RECORD

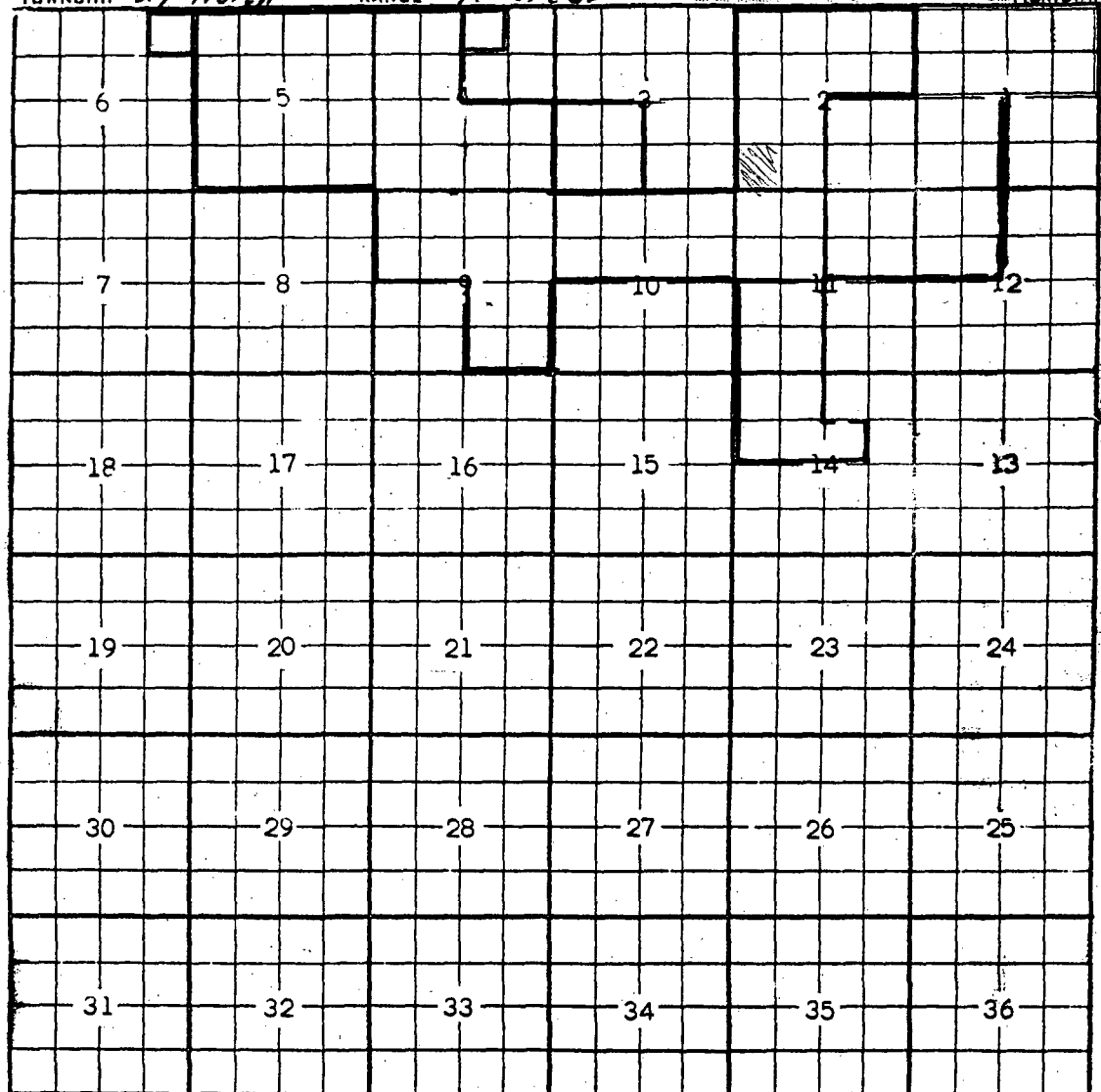
FROM—	TO—	TOTAL FEET	FORMATION
0	800	800	Tan to gry c-r grn ss interbedded w/gry sh.
800	880	30	Ojo Alamo ss. White cr-grn s.
880	1679	799	Kirtland form Gry sh interbedded w/tight gry fine-grn ss.
1679	1885	206	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn s.
1885	1954	79	Pictured Cliffs form Gry, fine-grn, tight, varicolored soft ss.
1954	3409	1445	Lewis form. Gry, fine-grn, dense sil ss.
3409	3525	116	Cliff House ss. Gry, fine-grn, dense sil ss.
3525	4323	798	Manatee form. Gry, fine-grn s, carb sh & coal.
4323	4552	229	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
4552	5440	888	Manos form. Gry carb sh.
5440	5897	457	Gallup form. Lt gry to brn calc carb micac glauco very fine gry ss w/irreg.interbed sh.
5897	6251	354	Sanostee form.Drk gry calc very fine to fine gry ss w/calc veins w/irreg inter drk gry s.
6251	6307	56	Greenhorn form Highly calc gry sh w/thin lmet.
6307	6409	102	Graneros form.Dk gry sh, fossil & carb w/prite & incl.
6409	6550	141	Dakota form. Lt to dk gry foss carb sl calc sl silty ss w/prite incl thin sh bands clay & shale breaks.
FROM—	TO—	TOTAL FEET	FORMATION

(OVER)

FORMATION RECORD—CONTINUED

16-48094-4

TOWNSHIP 27 North RANGE 11 West NEW MEXICO PRINCIPAL MERIDIAN



Ext: $\frac{SW}{4}$ Sec 3 (R-1858, 2-1-61) - $\frac{NE}{4}$ $\frac{NE}{4}$ Sec 6 (R-1879, 3-1-61)
 $\frac{SW}{4}$ Sec 11; $\frac{NW}{4}$ & $\frac{SW}{4}$ $\frac{SE}{4}$ Sec 14 (R-4292, 5-1-72) Ext: $\frac{N}{2}$ Sec 1 (R-5339, 2-1-77)

Ext: NW/4 NE/4 sec 4 (R-6886, 1-22-82) Ext: SW/4 Sec. 1, SE/4 Sec. 2,
NE/4 Sec. 11, NW/4 Sec. 12 (R-8417, 3-24-82)

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August 28, 1992
Federal Express

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

Re: Angel Peak #1
1150'FSL, 1090'FWL
Section 2, T-27-N, R-11-W, San Juan County, NM

CC Wayne Peterson

- Barb Sturgeon
- Jodi West

Wayne, someone in your
area needs to respond either
directly or thru me to
Meridian. Thx

R 9-8-92

Dear Mr. LeMay:

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Sincerely yours,

Peggy Bradfield

Peggy Bradfield

WAIVER

Amoco Prod. Co.

hereby waives objection to Meridian Oil Inc.'s application for non-standard location for the Angel Peak #1 as proposed above.

By: *J. W. Lawrence*

Date: 9/15/92

xc: Texaco Exploration
Amoco Production
Conoco Inc.
BHP Petroleum
ARCO

RECEIVED

SEP 21 1992

OIL CONSERVATION DIVISION

OIL CONSERVATION DIVISION
RECEIVED

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5847 San Felipe Suite 3600
Houston, Texas 77057
Telephone: (713) 780-5000
Fax (713) 780-5273
Telex 9108813603



BHP
Petroleum
(Americas) Inc

October 30, 1992

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

Re: Angel Peak #1
1150' FSL, 1090' FWL
Section 2, T27N, R11W
San Juan County, NM

Gentlemen:

We enclose one copy of Waiver of Objection covering the captioned non-standard gas well location executed on behalf of BHP Petroleum (Americas) Inc.

Yours very truly,

BHP PETROLEUM (AMERICAS) INC.

Robert J. McNeil
Land Advisor

RJM:CFL

Enclosure

cc: Meridian Oil Inc.
3535 E. 30th St.
Farmington, NM 87499
Attention: Peggy Bradfield

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RECEIVED

SEP 08 1992

BHP LAND DEPT.

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New Mexico Oil Conservation Division
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By: Paul C. Bertoglia Date: 9/9/92

xc: Texaco Exploration
Amoco Production
Conoco Inc.
BHP Petroleum
ARCO