



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

-28957



BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

May 27, 1993

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

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

Attention: Peggy Bradfield

RECEIVED
JUN 3 1993
OIL CON. DIV
DIST. 3

Administrative Order NSL-3249

Dear Ms. Bradfield:

Reference is made to your application dated May 19, 1993, for a non-standard gas well location for your Allison Unit Well No. 1-R to be drilled 1915 feet from the North line and 655 feet from the West line (Unit E, ~~Basin Dakota Pool, Rio Arriba County, New Mexico~~ ^{SAN JUAN} Range 3 West, NMPM, Basin Dakota Pool, Rio Arriba County, New Mexico.

It is our understanding that said well is to be a replacement well, for your Allison Unit Well No. 1 also located in Unit E and is currently dedicated to the W/2 of said Section 17 being a standard 320-acre gas spacing and proration unit for said pool.

By the authority granted me under the provisions of Rule 2(c) of the Special Rules and Regulations for the Basin Dakota Pool, as promulgated by Division Order No. R-8170, as amended, the above-described unorthodox replacement gas well location is hereby approved.

Sincerely,

William J. LeMay
Director

WJL/MES/amg

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

10001 THE HIAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-0170

REY CAPRUTHERS
GOVERNOR

Date: 5-28-93

Attn: Mike Stogner

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

Re: Proposed HC _____
Proposed DHC _____
Proposed NSL X _____
Proposed SWD _____
Proposed WFX _____
Proposed PHX _____

Gentlemen:

I have examined the application dated 5-20-93
for the Mendocino Oil Field Allison Unit # 2R
Operator Lease & Well No.

E-17-32N-6W and my recommendations are as follows:
Unit, S-T-R

Approve

Yours truly,

Ernest Bosch

MERIDIAN OIL

May 19, 1993

Hand Delivered

Mr. William LeMay
New Mexico Oil Conservation Division
Post Office Box 2088
Santa Fe, New Mexico 87501

RECEIVED
MAY 20 1993
OIL CON. DIV.
DIST. 3

Re: Meridian Oil Inc. Allison Unit #1R
1915'FNL, 655'FWL Section 17, T-32-N, R-6-W
San Juan County, New Mexico

Dear Mr. LeMay:

Meridian Oil Inc. is applying for administrative approval of a non-standard location for the above location in the Dakota formation. This application for the referenced location is at the request of the landowner (see attached letter), pipelines and archaeology.

The following attachments are for your review:

1. Application for Permit to Drill.
2. Completed C-102 at referenced location.
3. Offset operators/owners plat. Meridian Oil is the Operator of the Allison Unit.
4. 7.5 minute topographic map showing the orthodox windows for the west half dedication and enlargement of the map to define topographic features.
5. If the well were directionally drilled to a standard bottom hole location, the economics would be severely burdened due to the incremental directional drilling costs of \$250,000.
6. Letter from Thomas and Dione Lee as landowners requesting location on existing well pad location.

Sincerely,


Peggy Bradfield
Regulatory/Compliance Representative

encs.

RECEIVED

MAY 20 1993

State of New Mexico
Energy, Minerals and Natural Resources Department
OIL CONSERVATION DIVISION

OIL CON. DIV
DIST. 3

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

API No. (assigned by OCD on new wells)

1a. Type of Work
DRILL

1b. Type of Well
GAS

Single Zone X Multiple Zone

5. Indicate Type of Lease

STATE FEE X

6. State Oil & Gas Lease No.
Fee

2. Operator

MERIDIAN OIL

7. Lease Name or Unit Agreement Name

Allison Unit

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499

(505) 326-9700

8. Well Number

1R

9. Pool Name or Wildcat

Basin Dakota

4. Location of Well

Unit Letter E, 1915'FNL, 655'FWL

Latitude 36° 58' 58", Longitude 107° 29' 17"

4a. Sec., Twn, Range, Mer.

Sec 17, T-32-N, R-6-W

4b. County

San Juan

10. Proposed Depth
8045'

11. Formation
Dakota

12. Rotary or Cable Tools
Rotary

13. Elevations (DF, FT, GR, Etc.)
6548'GR

14. Kind & Status Plug.Bond
Statewide

15. Approx Date Work will Start
2nd quarter 1993


16. Proposed Casing and Cementing Program

Size of Hole	Csg.Size	Weight/Ft.	Setting Depth	Sacks of Cement	Est.Top
12 1/4"	9 5/8"	32.3#	200'	212 cu.ft.	circ surf
8 3/4"	7"	23.0#	3800'	1143 cu.ft.	circ surf
6 1/4"	4 1/2"	11.6#	8045'	902 cu.ft.	reversed

The W/2 of Section 17 is dedicated to this well.
This gas is dedicated.
The Dakota formation will be completed.

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

Authorized by


J.W.Caldwell, Regional Drilling Engineer

Date

5/14/93

This space for State Use

APPROVED BY _____

TITLE _____

DATE _____

Conditions of Approval, if any:

NOTE: This format is issued in lieu of NMOCD Form C-101 (Revised 1-1-89)

Submit to Asessor
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

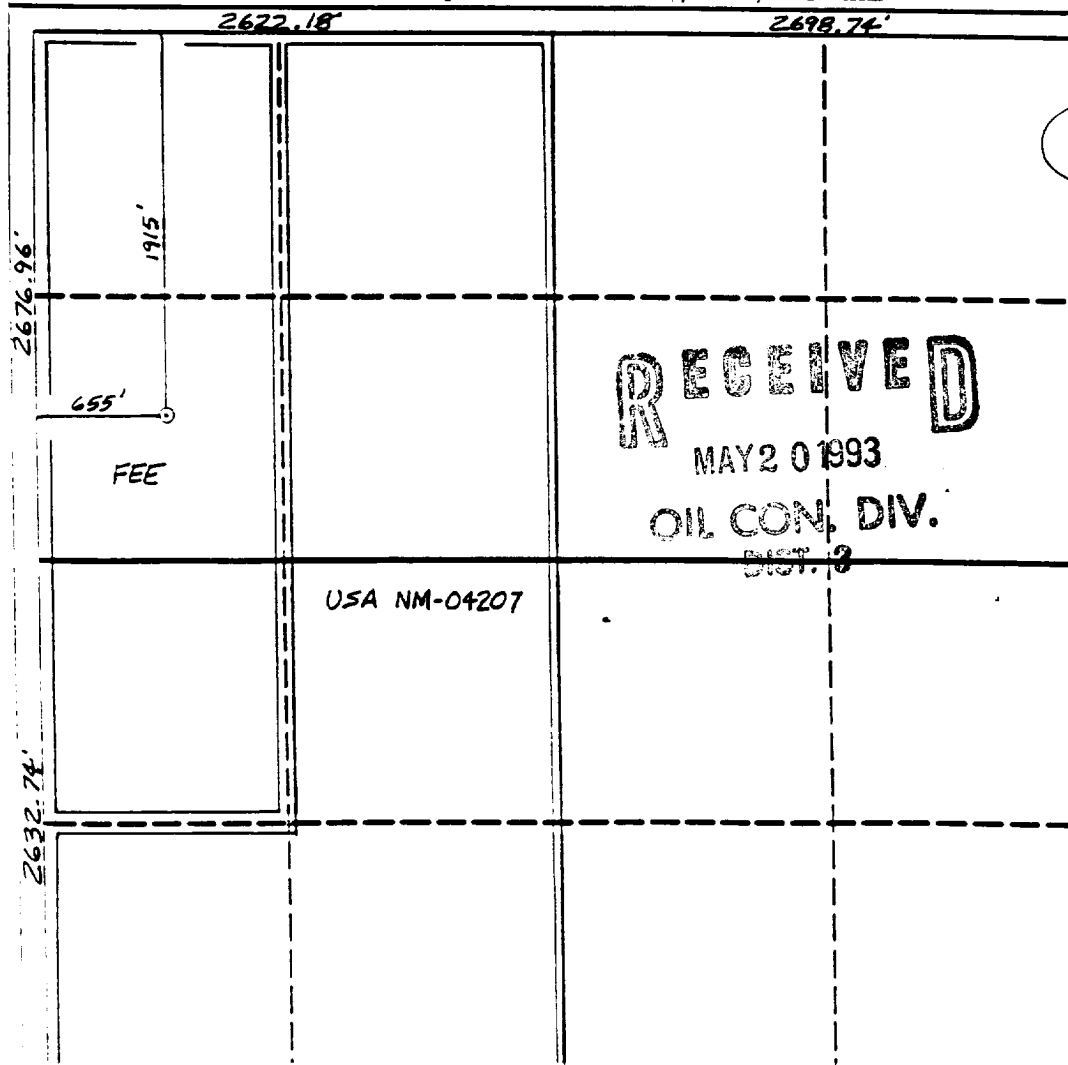
DISTRICT III
1000 Rio Grande Rd., Alamo, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Meridian Oil Inc.		Lease Allison Unit		Well No. 1R
U.S. Letter E	Section 17	Township 32 North	Range 6 West	County San Juan
Actual Footage Location of Well: 1915 feet from the North line and 655 feet from the West line				
Ground level Elev. 6548'	Producing Formation Dakota	Pool Basin	Dedicated Acreage 320 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or machine 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 commutation, unitization, force-pooling, etc.?
☒ Yes ☐ No If answer is "yes" type of consolidation unitization
If answer is "no" list the owners and trust descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)
No acreage will be assigned to the well until all interests have been consolidated (by commutation, unitization, force-pooling, or otherwise) or until a non-consent test, 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.

Peggy Bradfield
Signature

Peggy Bradfield

Printed Name
Regulatory Affairs

Position
Meridian Oil Inc.

Company
5-11-93

Date

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat 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.

4-8-93

Date Surveyed
C. EDWARDS
Name

Signature
Professional Surveyor

9857

Professional Surveyor

Carroll County, NM

MERIDIAN OIL INC.

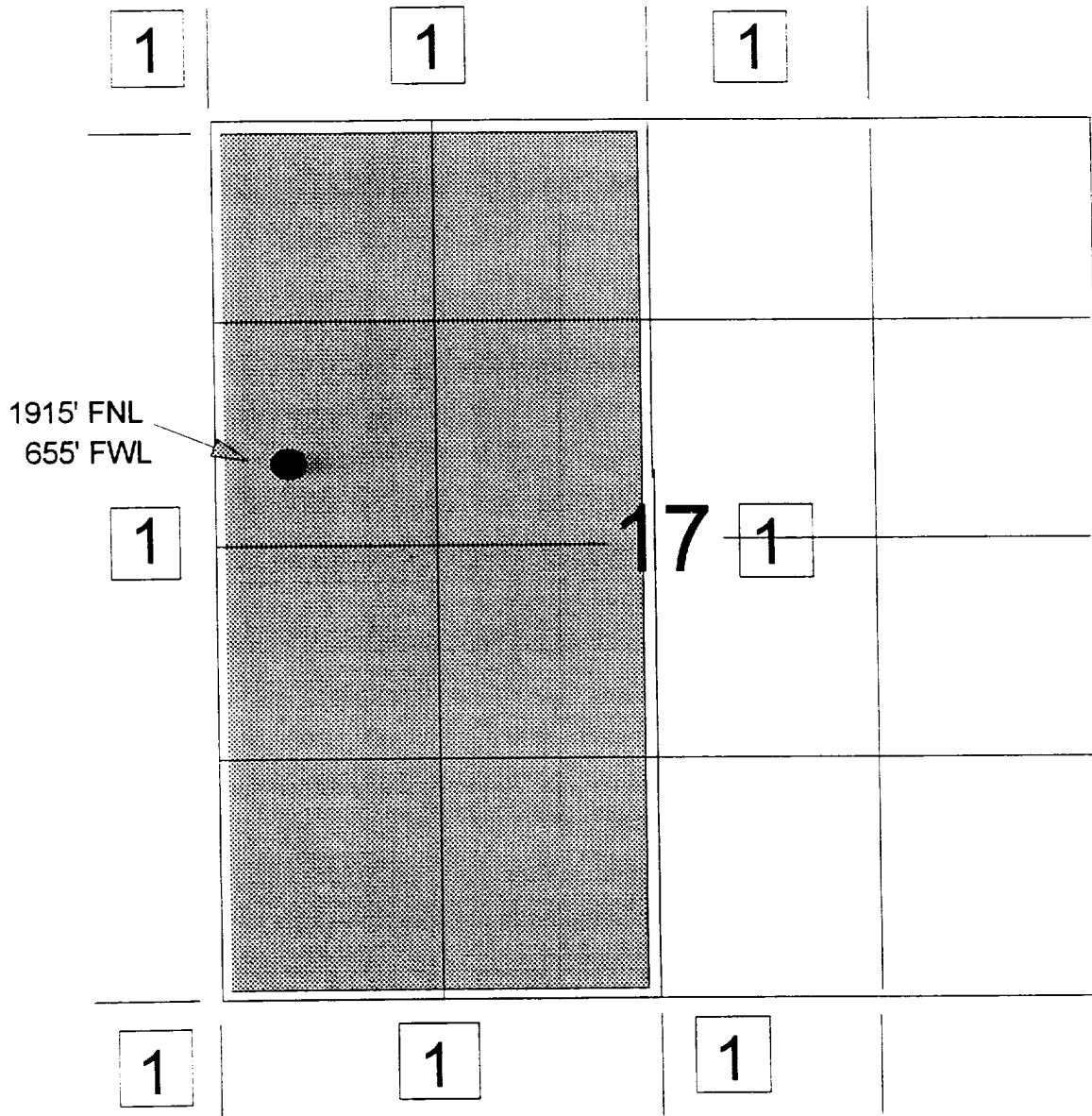
OFFSET OPERATOR/OWNER PLAT

ALLISON UNIT #1R

Unorthodox Well Location

SW NW Section 17

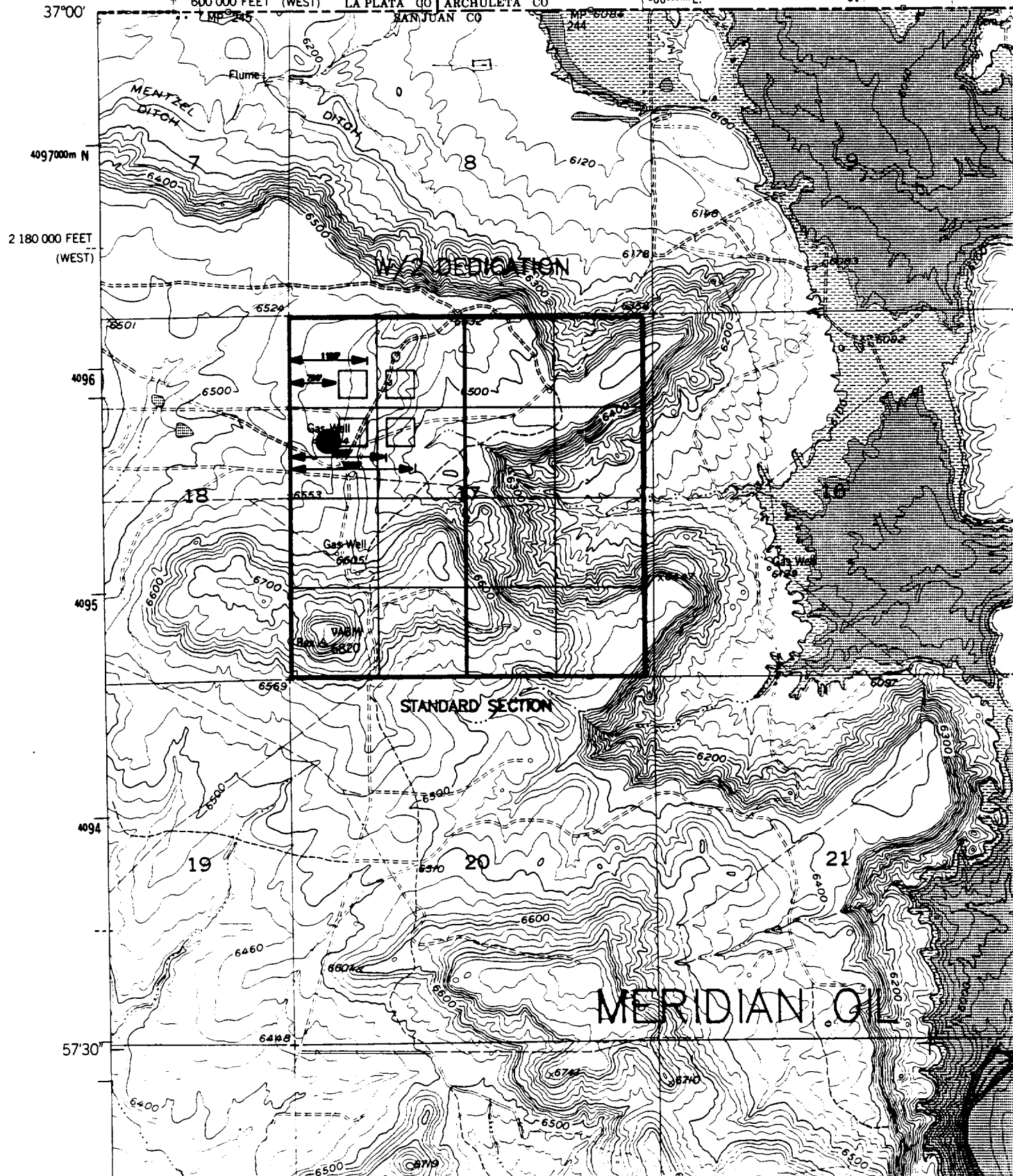
Township 32 North, Range 6 West



1) Meridian Oil Inc., Operator Allison Unit, 3535 East 30th St., P.O. Box 4289, Farmington, New Mexico 87499-4289

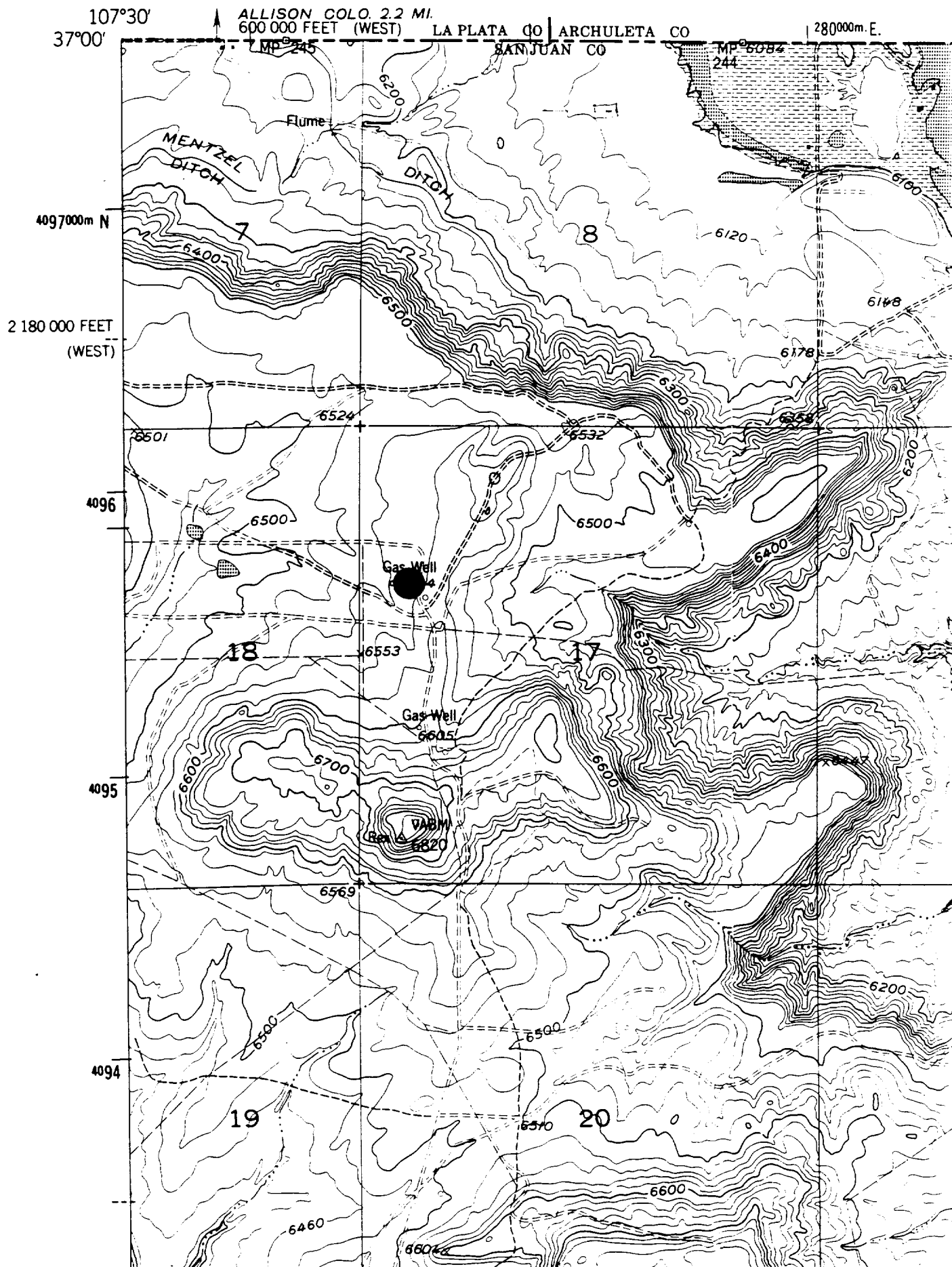
4458 II SE
(TIFFANY)

37°00' 600 000 FEET (WEST) LA PLATA CO ARCHULETA CO
MP 6086 SANTIAN CO MP 6086



458 II SE
(TIFFANY)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



May, 7, 1993

Meridian Oil
P.O. Box 4289
Farmington, New Mexico 87499-4289

REF: Allison #1R

Attn: Skip Fraker
CC: State of N.M.

To Whom it may concern,

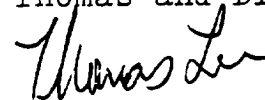
After spending most of the day reviewing possible alternate locations for the redrill of Allison #1R. We feel the two possible locations are deemed undesirable due to the virgin like quality of the Forest to the North, and the possible use of a future homesite to the South.

Therefore we request that the Allison #1R be redrilled on the existing location pad using available land directly to the North of said pad.

As there are possibilities of ruins to the East we would like to be in attendance when the location is being constructed. As an added measure the consideration of an Archelologist to be present during the construction would be considered helpful.

Regards,

Thomas and Dione Lee



236 R.D. 4020
Middle Mesa, N.M.
Ignacio, Colo. 81137

CC: Skip Fraker
State of New Mexico

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
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87508-2088

OIL CON. DIV.

DIST. 3

Form C-105
Revised 1-1-89

WELL API NO.
30-045-28957

5. Indicate Type of Lease
STATE ☐ FEE ☒

6. State Oil & Gas Lease No.
Fee

7. Lease Name or Unit Agreement Name

Allison Unit

8. Well No.

16R 1R

9. Pool name or Wildcat

Basin Dakota

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:
OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER _____
b. Type of Completion:
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ FLUG BACK ☐ DIFF RESVR ☐ OTHER _____

2. Name of Operator
Meridian Oil Inc.

3. Address of Operator
PO Box 4289, Farmington, NM

4. Well Location
Unit Letter E : 1915 Feet From The North Line and 655 Feet From The West Line
Section 17 Township 32N Range 6W NMPM San Juan County

10. Date Spudded 07-06-93 11. Date T.D. Reached 07-19-93 12. Date Compl. (Ready to Prod.) 09-21-93 13. Elevations (DF & RKB, RT, GR, etc.) 6548' 14. Elev. Casinghead

15. Total Depth 8059' 16. Plug Back T.D. 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By Rotary Tools Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name Dakota (7937-8022) 20. Was Directional Survey Made

21. Type Electric and Other Logs Run CNT-IDT/DIL/GR/CAL/CSNG 22. Was Well Cored yes

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	36.0#	219'	12 1/4"	242 cu.ft.	
7"	23.0#	3800'	8 3/4"	999 cu.ft.	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
4 1/2"	3610'	8059'	792 cf		2 3/8"	8027'	

26. Perforation record (interval, size, and number)
7937-43', 7980-8022' w/4 spf
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED
7937-8022' 20/40 sand; N2 gel & foam

28. PRODUCTION

Date First Production 09-21-93 Production Method (Flowing, gas lift, pumping - Size and type pump) flowing, capable of commercial hydrocarbon prod. Well Status (Prod. or Shut-in) shut in
Date of Test 10-05-93 Hours Tested 3 hrs Choke Size 3/4" Prod'n For Test Period Oil - Bbl. Gas - MCF 5354 Water - Bbl. Gas - Oil Ratio light mist
Flow Tubing Press. 2370 Casing Pressure 2389 Calculated 24-Hour Rate Oil - Bbl. Gas - MCF 7221 Water - Bbl. Oil Gravity - API - (Corr.)

29. Disposition of Gas (Sold, used for fuel, vented, etc.) to be sold Test Witnessed By

30. List Attachments
temp. survey

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 Peggy Bradfield Printed Name Peggy Bradfield Title Reg. Rep. Date 11-13-93

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

T. Anhy _____ T. Canyon _____
 T. Salt _____ T. Strawn _____
 B. Salt _____ T. Atoka _____
 T. Yates _____ T. Miss _____
 T. 7 Rivers _____ T. Devonian _____
 T. Queen _____ T. Silurian _____
 T. Grayburg _____ T. Montoya _____
 T. San Andres _____ T. Simpson _____
 T. Glorieta _____ T. McKee _____
 T. Paddock _____ T. Ellenburger _____
 T. Blinbry _____ T. Gr. Wash _____
 T. Tubb _____ T. Delaware Sand _____
 T. Drinkard _____ T. Bone Springs _____
 T. Abo _____ T. _____
 T. Wolfcamp _____ T. _____
 T. Penn _____ T. _____
 T. Cisco (Bough C) _____ T. _____

Northwestern New Mexico

T. Ojo Alamo 2116 T. Penn. "B" _____
 T. Kirtland-Fruitland 2212/2761 T. Penn. "C" _____
 T. Pictured Cliffs 3375 T. Penn. "D" _____
 T. Cliff House 5112 T. Leadville _____
 T. Menefee 5484 T. Madison _____
 T. Point Lookout 5663 T. Elbert _____
 T. Mancos 6177 T. McCracken _____
 T. Gallup 6962 T. Ignacio Otzte _____
 Base Greenhorn 7760 T. Granite _____
 T. Dakota 7937 T. _____
 T. Morrison _____ T. _____
 T. Todilto _____ T. _____
 T. Entrada _____ T. _____
 T. Wingate _____ T. _____
 T. Chinle _____ T. _____
 T. Permain _____ T. _____
 T. Penn "A" _____ T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____ No. 3, from _____ to _____
 No. 2, 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
2116	2212	96	Ojo Alamo				Core #1 - 5662-5693'
2212	2761	549	Kirtland				Core #2 - 5733-5760'
2761	3375	614	Fruitland				
3375	4234	859	Pic.Cliffs				
4234	5112	878	Huerfano Bentonite				
5112	5484	372	Cliff House				
5484	5663	179	Menefee				
5663	6177	514	Point Lookout				
6177	6962	785	Mancos				
6962	7760	798	Gallup				
7760	7817	57	Greenhorn				
7817	7937	120	Graneros				
7937	8059'	122	Dakota				