



June 5, 1997

Mr. William J. LeMay, Director
New Mexico Oil Conservation Division
2040 S. Pacheco Street
P.O. Box 6429
Santa Fe, NM 87505

Amoco Production Company
San Juan Business Unit

1670 Broadway
Post Office Box 800
Denver, Colorado 80201
303-830-4040

Application For Deviated Wellbore - Rule 111.C.
Pritchard A #2A
Unit I Section 1-T30N-R9W
Blanco Mesaverde Pool
San Juan County, New Mexico

RECEIVED
JUL 16 1997

OIL CON. DIV
DIST. 3

Amoco Production Company hereby requests administrative approval to enter the existing wellbore in the Pritchard A #2A well referenced above and directionally drill the well in the Blanco Mesaverde Pool. The well is currently completed as a shut-in well in the Blanco Mesaverde Pool. Directionally drilling the well will help place the wellbore away from the original openhole completion and provide an opportunity to encounter the naturally occurring fracture system in the Mesaverde formation which will increase the producing rate and ultimate recovery of gas for this well. We are requesting the Project Area for this well to be the Blanco Mesaverde gas proration unit consisting of the E/2 Section 1, T30N-R9W with the Producing Area for the well to consist of a rectangle inside the gas proration unit that is not closer than 790' from the outer boundaries of the gas proration unit.

In accordance with Rule 111-D.(2), attached to aid in your review are:

- 1) a plat showing the well location, project area and producing area for the project well and the offset spacing units, their wells and operators;
- 2) a vertically oriented plan view for the project well showing top and bottom of the pool, degree of angle to be built, kickoff point, penetration point and lateral length;
- 3) a horizontal plan view for the project well showing the project area, producing area, estimated azimuth and maximum length of the lateral;
- 4) a type log section identifying the top and bottom of the pool.

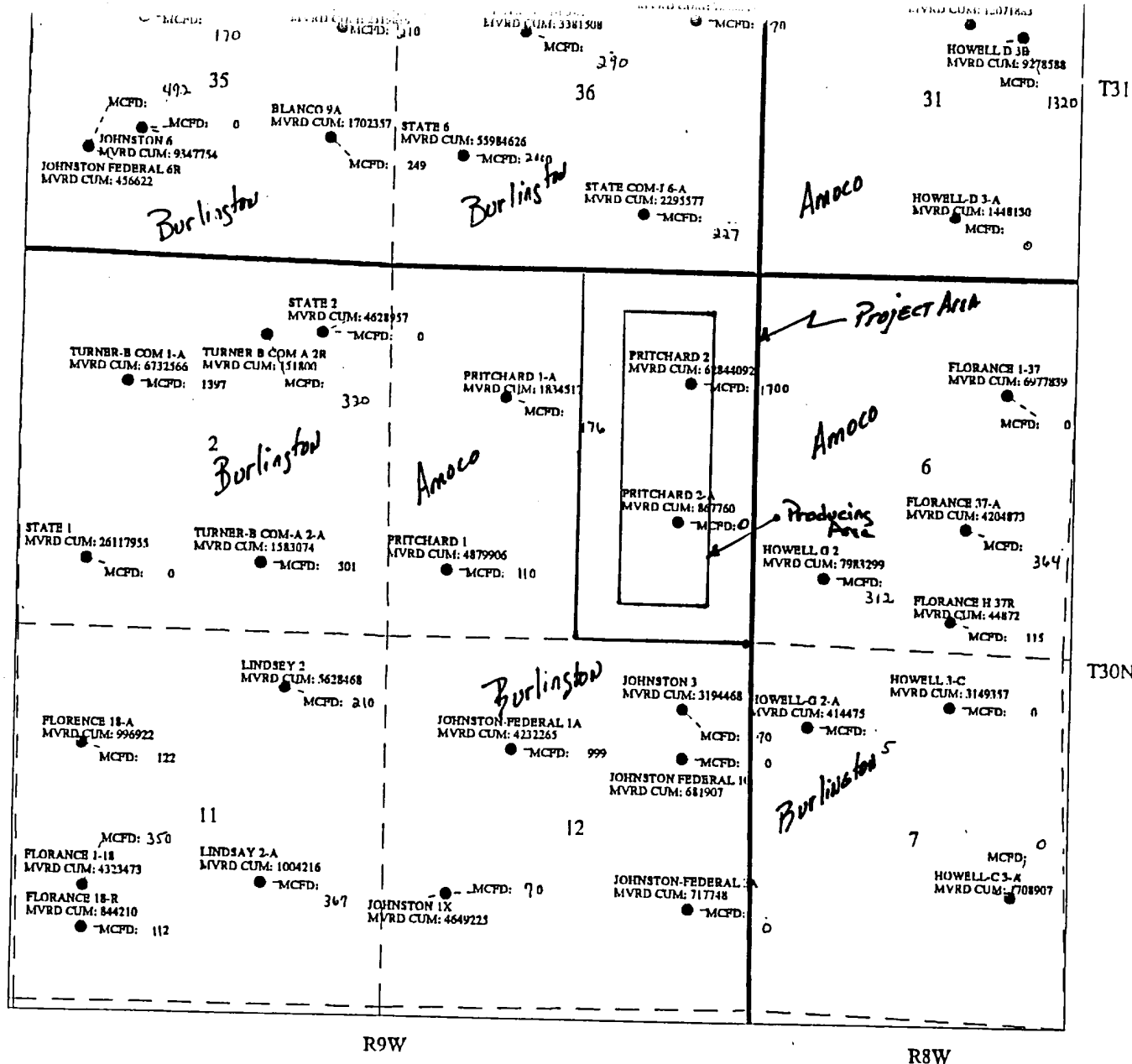
As notification, a copy of this application will be sent by certified mail return receipt requested to the offset operators shown on the attached list advising them that if they have any objection, it must be filed in writing within (20) days of the date notice was sent.

Sincerely,

Pamela W. Staley

Attachments

cc: Mark Rothenberg, Amoco
Pat Archuleta, Amoco
Well File
Proration Files



AMOCO PRODUCTION COMPANY

Type of Map:	Nine-Section Plat	
Well(s):	MV	
Block(s)/Grid(s):		
Area/Country:	SAN JUAN BASIN, NEW MEXICO	License:
Interpreter(s):	Date: April 28, 1997	
Scale:	1:25000	Contour Interval:
Comments:	SECTION MAP WITH CLARITY AND CUMULATIVE PRODUCTION OFFSET NO. 10115 Sec. 1-1300-120	
File File No.:	Well by: R. Buckwell	

DATA SUMMARY SHEET

WELLNAME

Pritchard A #2A

API

3004522020

LOCATION

Unit I Section 1-T30N-R9W

ACREAGE IN SPACING UNIT

321 Acres E/2

LOCATION FOOTAGES

1710 FSL x 1090 FEL

STANDARD LOCATION?

YES

**OTHER WELL(S) PRODUCING IN SPACING UNIT IN MESAVERDE POOL
PRITCHARD A #2 (3004509917) (UNIT H)**

REASON FOR DEVIATION OR DIRECTIONAL DRILLING

DEVIATED TO ENCOUNTER FRACTURED FEATURE AT ORTHODOX LOCATION

KICKOFF POINT

4700'

DIRECTION TO BE DRILLED

SOUTHEAST

TYPE CURVE

HIGH ANGLE

LATERAL DISTANCE FROM VERTICAL OR ORIGINAL WELLBORE

449' AT 136 DEGREES AT A TD OF APPROXIMATELY 5615'

OFFSET OPERATOR LIST

Pritchard A #2A

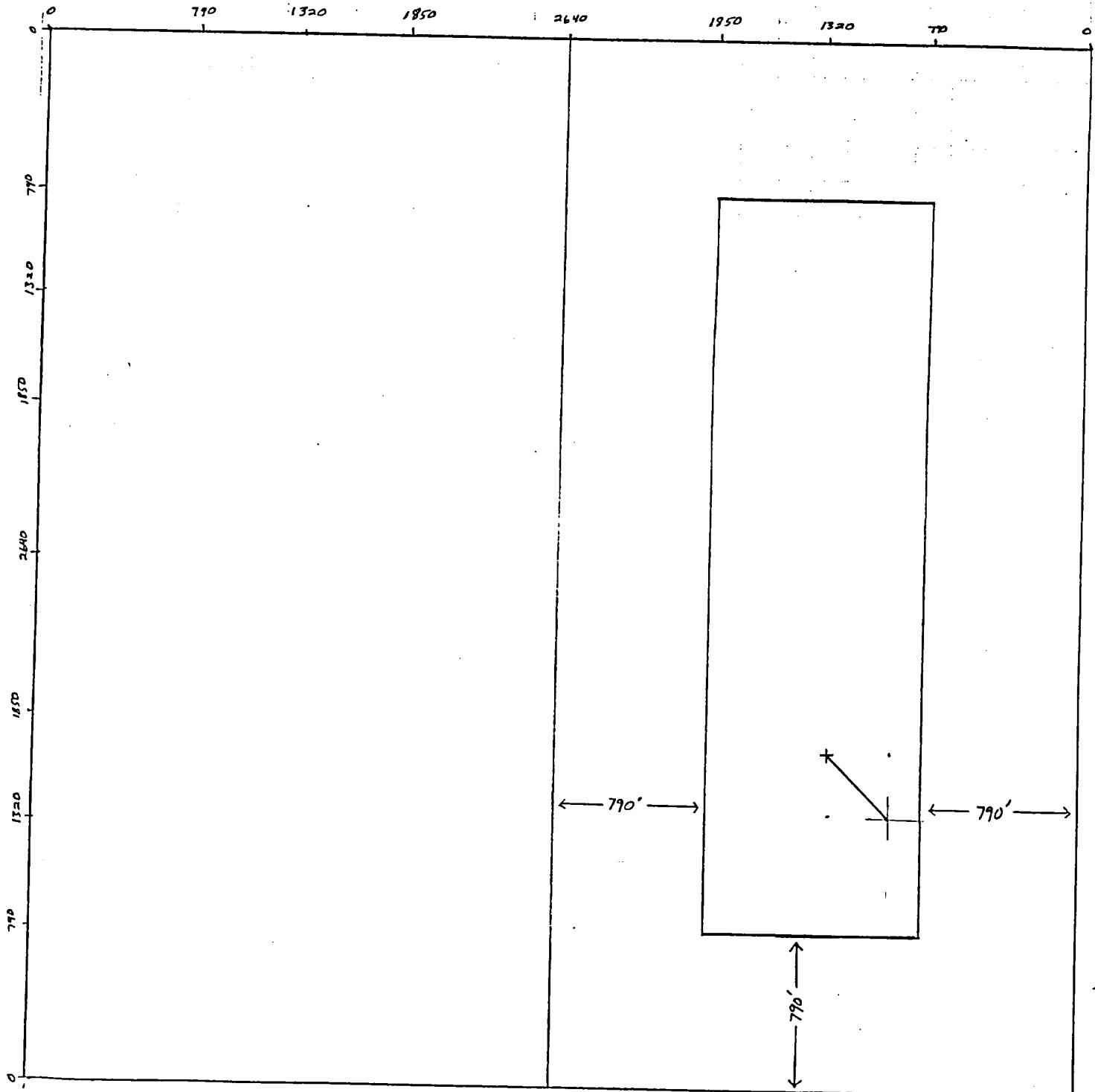
Burlington Resources Oil and Gas Co.
P.O. Box 4289
Farmington, NM 87499

SUBJECT Pritchard A 2A - 30045220201710' FSL X 1090' FEL SEC. 1 - 30N-9W

Appn _____

Date _____

By _____

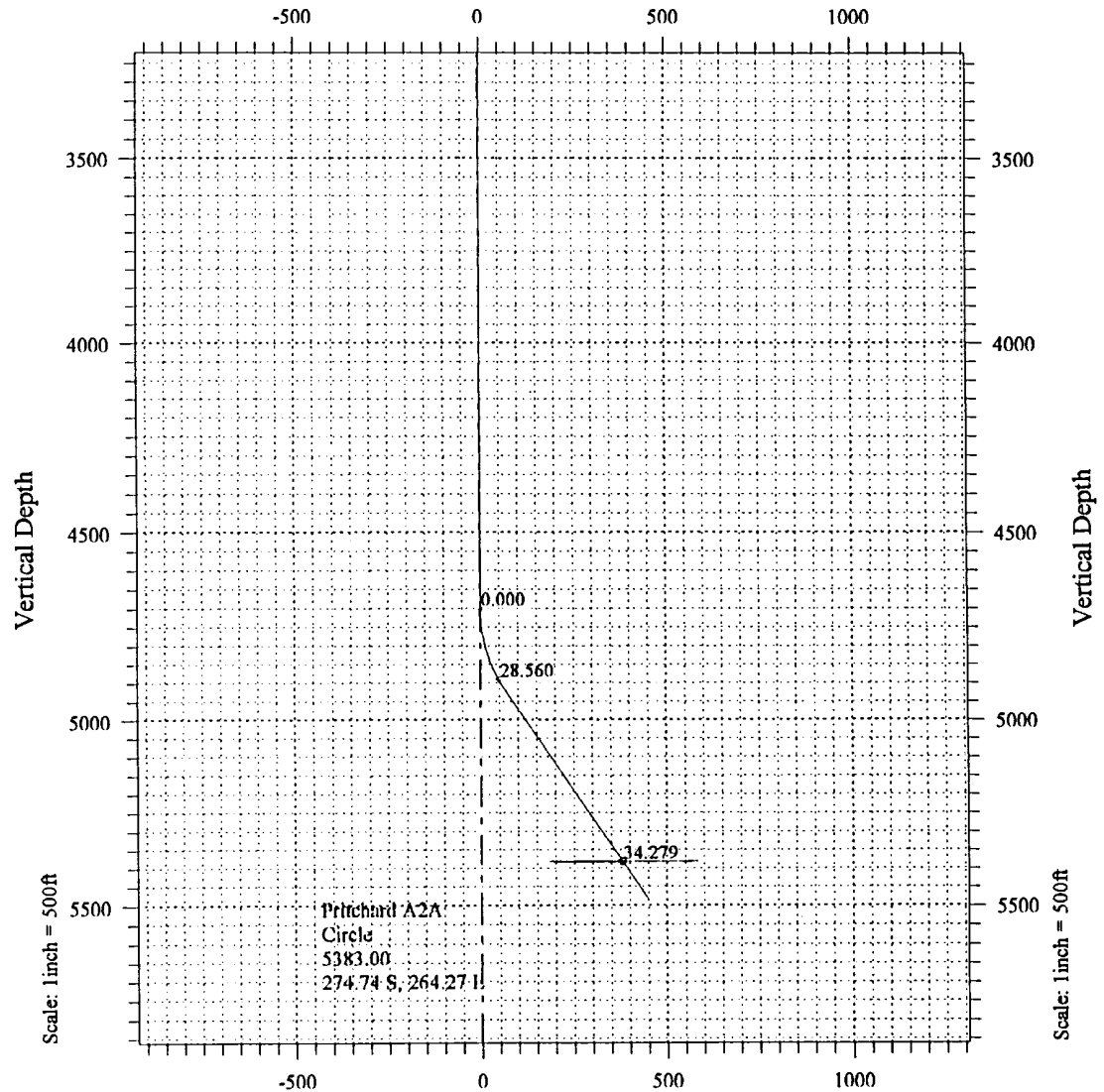


Customer: Amoco Production Co.
Folder: Amoco Production Co.
Field: New Mexico
Project: Re-Entry Wells
Structure: Sec 1-T30N-R9W
Well: Pritchard A2A

Vertical Section

Scale: 1 inch = 500ft

Section Azimuth: 136.113 (True North)



Scale: 1 inch = 500ft

Section Azimuth: 136.113 (True North)

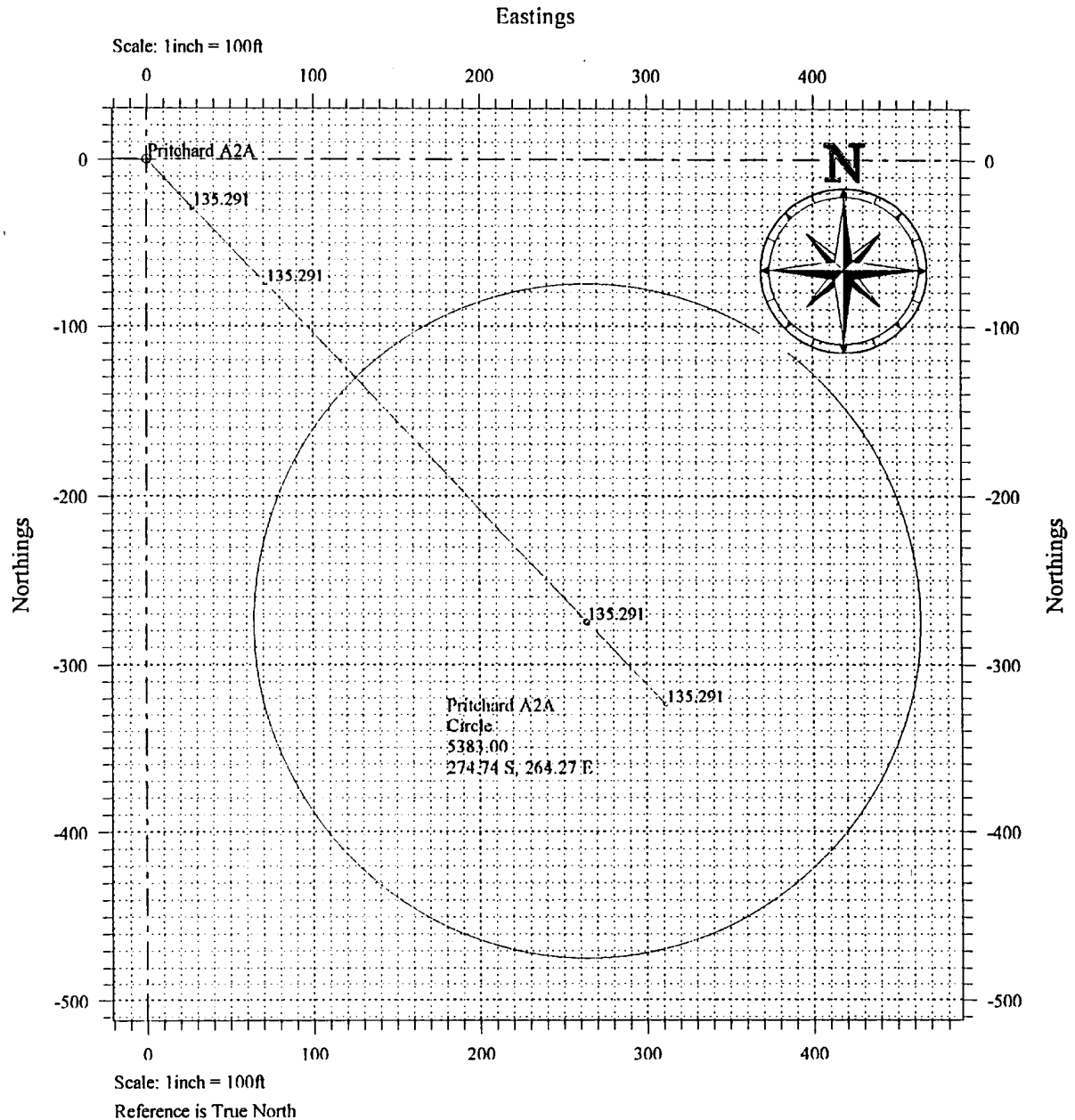
Vertical Section

Prepared:

Checked:

Approved:

Customer: Amoco Production Co.
Folder: Amoco Production Co.
Field: New Mexico
Project: Re-Entry Wells
Structure: Sec 1-T30N-R9W
Well: Pritchard A2A



Eastings

Prepared:

Checked:

Approved:

Sperry-Sun Drilling Services

Proposal Report for Pritchard A2A - Alternate Pritchard A 2A



Amoco Production Co.
New Mexico

Re-Entry Wells
Sec 1-T30N-R9W

Measured Depth (ft)	Incl.	Azim.	Vertical Depth (ft)	Northings (ft)	Eastings (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
0.00	0.000	0.000	0.00	0.00 N	0.00 E	0.00	
3100.00	0.000	0.000	3100.00	0.00 N	0.00 E	0.00	0.000
4700.00	0.000	0.000	4700.00	0.00 N	0.00 E	0.00	0.000
4940.05	34.279	136.113	4925.98	50.23 S	48.31 E	69.69	14.280
5493.14	34.279	136.113	5383.00	274.74 S	264.27 E	381.21	0.000
5614.16	34.279	136.113	5483.00	323.86 S	311.52 E	449.37	0.000

All data is in feet unless otherwise stated. Directions and coordinates are relative to True North.
Vertical depths are relative to Well. Northings and Eastings are relative to Well.

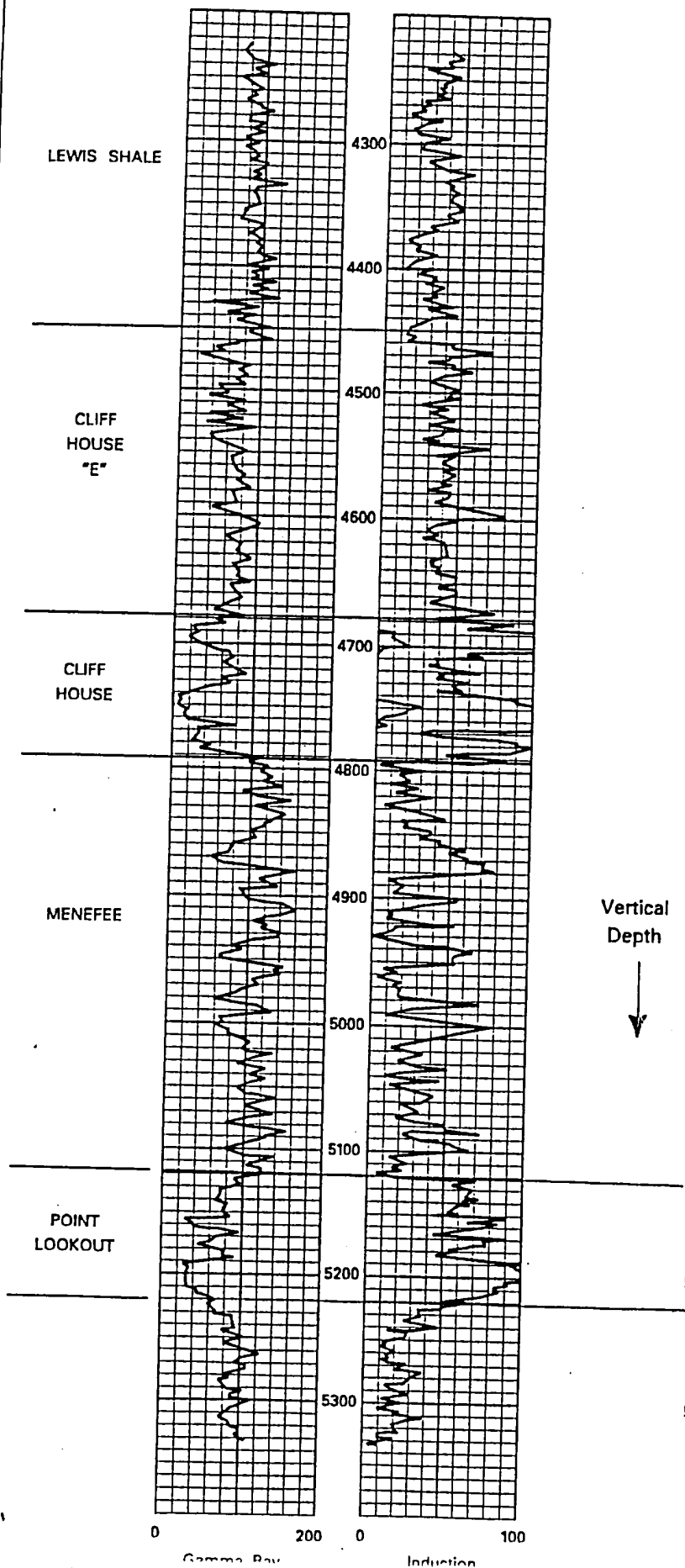
The Dogleg Severity is in Degrees per 100ft.

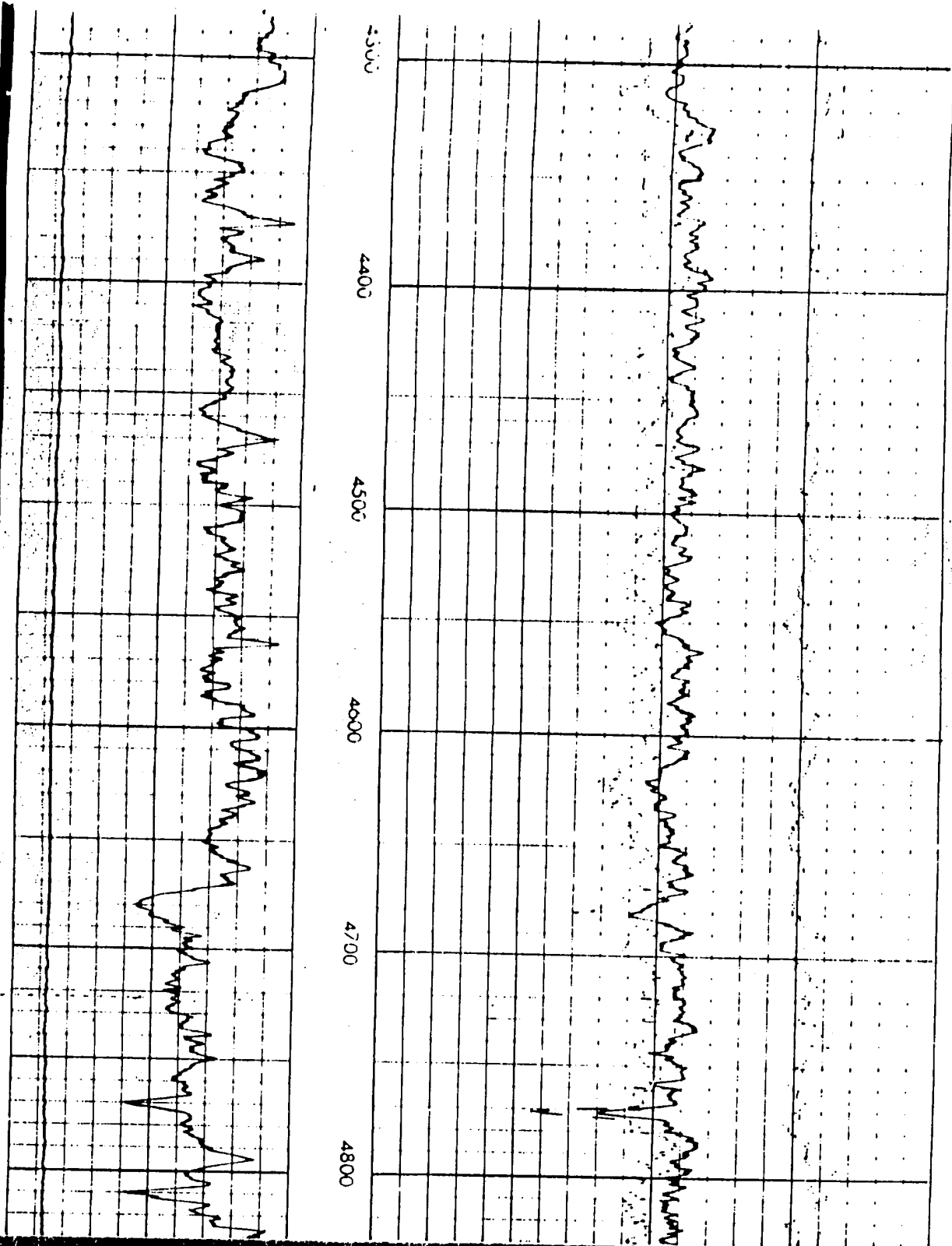
Vertical Section is from Well and calculated along an Azimuth of 136.113° (True).

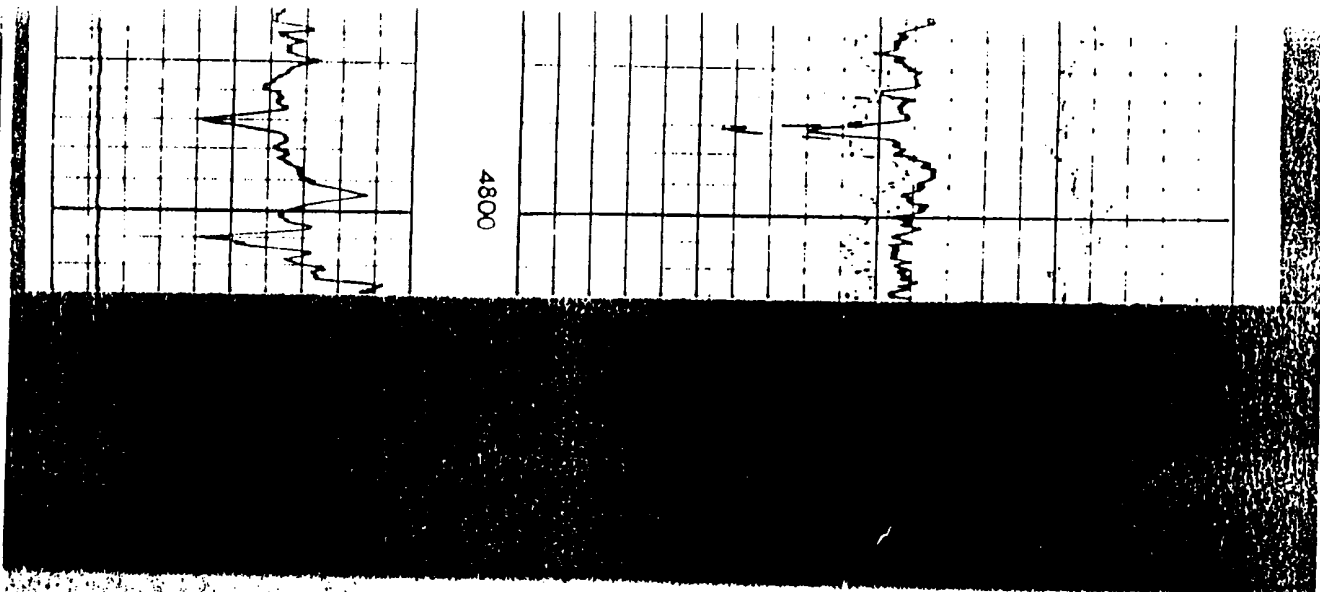
Coordinate System is NM-W. Grid Convergence at Surface is -0.822°.

Based Upon Minimum Curvature type calculations, at a Measured Depth of 5614.16ft.,
The Bottom Hole Displacement is 449.37ft., in the Direction of 136.113° (True).

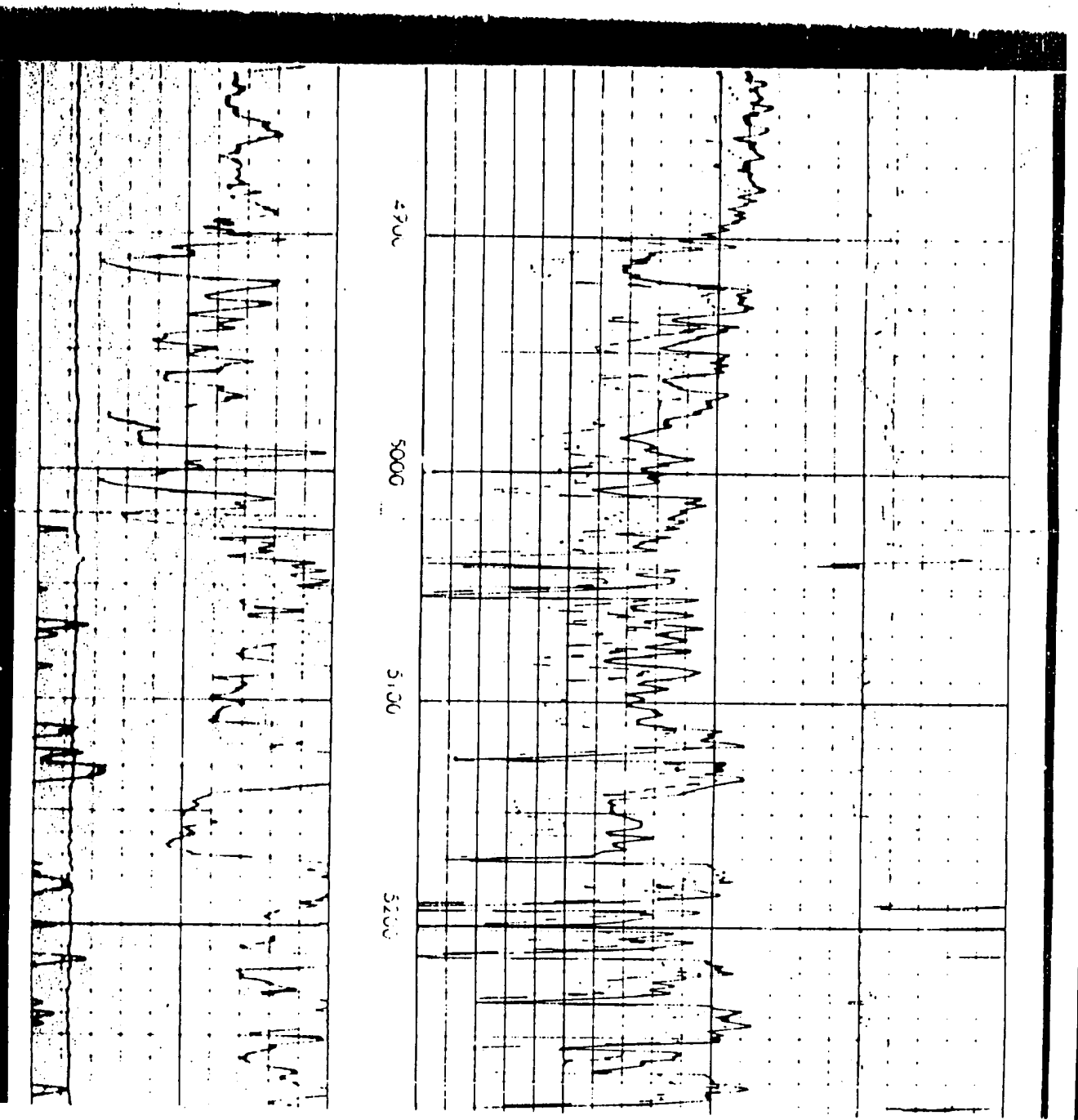
Typical M.V. Log
T32N, R10W
San Juan County, New Mexico







4800

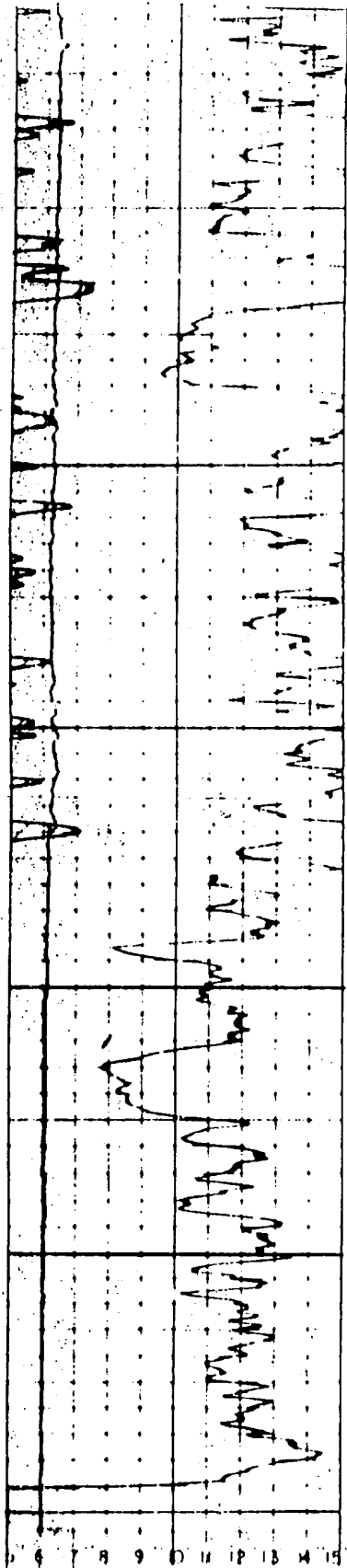


4900

5000

5100

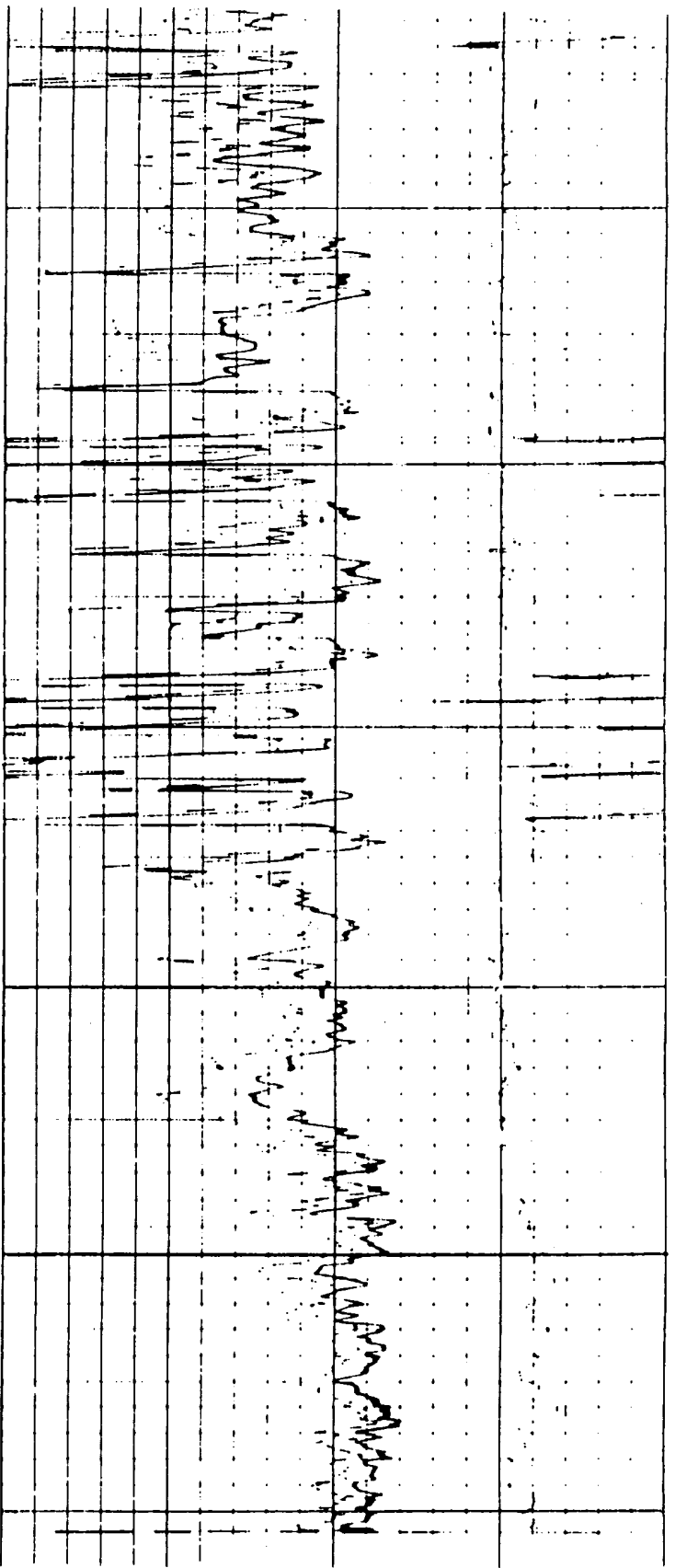
5200



CALIPER
Average Diameter In

GAMMA
API Gamma Ray Units

5100 5200 5300 5400 5500 5600



25 0 25

CORRECTION

POROSITY (%) $P_g =$

20 25 30
15 20

BULK DENSITY
Grams/cc (when $\frac{Z}{A} = 0.5$)

T D LOGGED
T D DRILLER

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

311 South First, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION2040 South Pacheco
Santa Fe, New Mexico 87505

Form C-102

Revised October 18, 1994

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 3004522020	Pool Code 72319	Pool Name Blanco Mesaverde
Property Code 000960	Property Name Pritchard A	Well Number 2A
OGRID No. 000778	Operator Name AMOCO PRODUCTION COMPANY	Elevation 6344

Surface Location

UL or lot no. UNIT I	Section 11	Township 30N	Range 9W	Lot. Idn	Feet from the 1710	North/South Line SOUTH	Feet from the 1090	East/West Line EAST	County San Juan
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Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
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Dedicated Acreage:	Joint or Infill	Consolidation Code	Order No.
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**NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION**

					OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i> Signature Printed Name Pat Archuleta Position Staff Assistant Date
					SURVEY CERTIFICATION <i>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.</i> 03/11/1976
					Date of Survey Signature & Seal of Professional Surveyor James P. Leese
					Certificate No. 1463

NEW MEXICO OIL CONSERVATION COMMISSION

WELL LOCATION AND ACERAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section

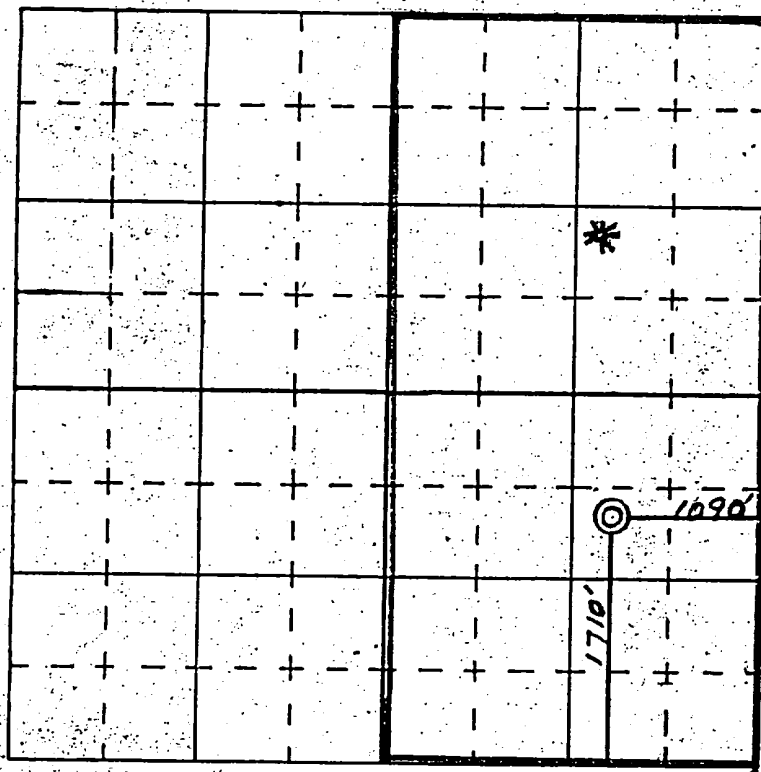
Operator TENNECO OIL COMPANY			Lease PRITCHARD		Well No. 2A
Unit Letter T	Section 1	Township 30 NORTH	Range 9 WEST	County SAN JUAN	
Actual Footage Location of Well:					
1710 feet from the SOUTH line and		1090 feet from the EAST line			
Ground Level Elev. 6344	Producing Formation Blanco Mesa Verde	Pool Blanco Mesa Verde	Dedicated Average: 321.00		E/2 Acres

- Outline the acreage dedicated to the subject well by colored pencil or hachure 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 interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

() Yes (x) No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually 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 interests, has been approved by the Commission.



CERTIFICATION

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

Name *John P. Leese*
 Position Production Clerk
 Company Tenneco Oil Co.

Date 3/23/76

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.

11 March, 1976
 Date Surveyed
James P. Leese
 Registered Professional Engineer
 and/or Land Surveyor

James P. Leese

1463
 Certificate No. **ADMN 006051**

Open-Sun Drilling Services

Proposal Report for Pritchard A2A - Alternate Pritchard A 2A



Amoco Production Co.
New Mexico

Re-Entry Wells
Sec 1-T30N-R9W

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