



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE

1000 RIO BIAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178

OIL CONSERVATION DIVISION
BOX 2088
SANTA FE, NEW MEXICO 87501

DATE 10-26-81

RE: Proposed MC ☒
Proposed DHC ☐
Proposed NSL ☐
Proposed SWD ☐
Proposed WFX ☐
Proposed PMX ☐

Gentlemen:

I have examined the application dated 10-12-81
for the Amoco Prod Co. JICARILLA CONTRACT 146^{#36} A-4, 25N-5W
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

APPROVE

Yours truly,

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
APPLICATION FOR MULTIPLE COMPLETION

Form C- 07
5-1-61

Operator Amoco Production Company		County Rio Arriba	Date October 12, 1981
Address 501 Airport Dr., Farmington, NM 87401		Lease Jicarilla Contract 146	Well No. 36
Location of Well A	Unit 4	Township 25N	Range 5W

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES X NO
2. If answer is yes, identify one such instance: Order No. MC-2882; Operator Lease, and Well No.: Jicarilla Contract 146 No. 37

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Otero Chacra		Gonzales Mesaverde
b. Top and Bottom of Pay Section (Perforations)	3786' - 3904'		5096' - 5280'
c. Type of production (Oil or Gas)	Gas		Gas
d. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing

4. The following are attached. (Please check YES or NO)

Yes	No	
☒	☐	a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
☒	☐	b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
☒	☐	c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.*
☒	☐	d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.)

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

Marathon Oil Company - P. O. Box 2659, Casper, Wyoming 82602

Conoco - P. O. Box 460, 1000 North Turner, Hobbs, NM 88240



6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES X NO . If answer is yes, give date of such notification October 12, 1981.

CERTIFICATE: I, the undersigned, state that I am the District Superintendent of the Farmington District of Amoco Production Co. (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Original Signed
R. W. Schmitt

Signature

*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

--- If a well is proposed for multiple completion will result in an unorthodox well location and/or a non-standard perforation unit in one or more of the following cases, the applicant must file a separate application for each such well simultaneously with this application.

TOTAL OF 80' OF BLAST JOINTS ACROSS CHACRA

DV TOOL 4027'

5096'
MESAVERDE
5280'

3786'
CHACRA
3904'

8 5/8" 24# K 55 ST&C
CSA 300' X 315 SX CMT

1 1/4" 2.4# J-55 IJ TBG @ 3905'

BAKER MODEL F PACKER
SET @ 4050'



2 1/16" 3.4# J-55 IJ TBG
@ 5280'

5 1/2" 15.5# K-55 ST&C
CSA 5379' X 850 SX CMT

CENTRALIZERS RUN EVERY OTHER JOINT FROM TD TO 4400' AND FROM DV TOOL TO 3580'

Amoco Production Company

JICARILLA CONTRACT 146 #36

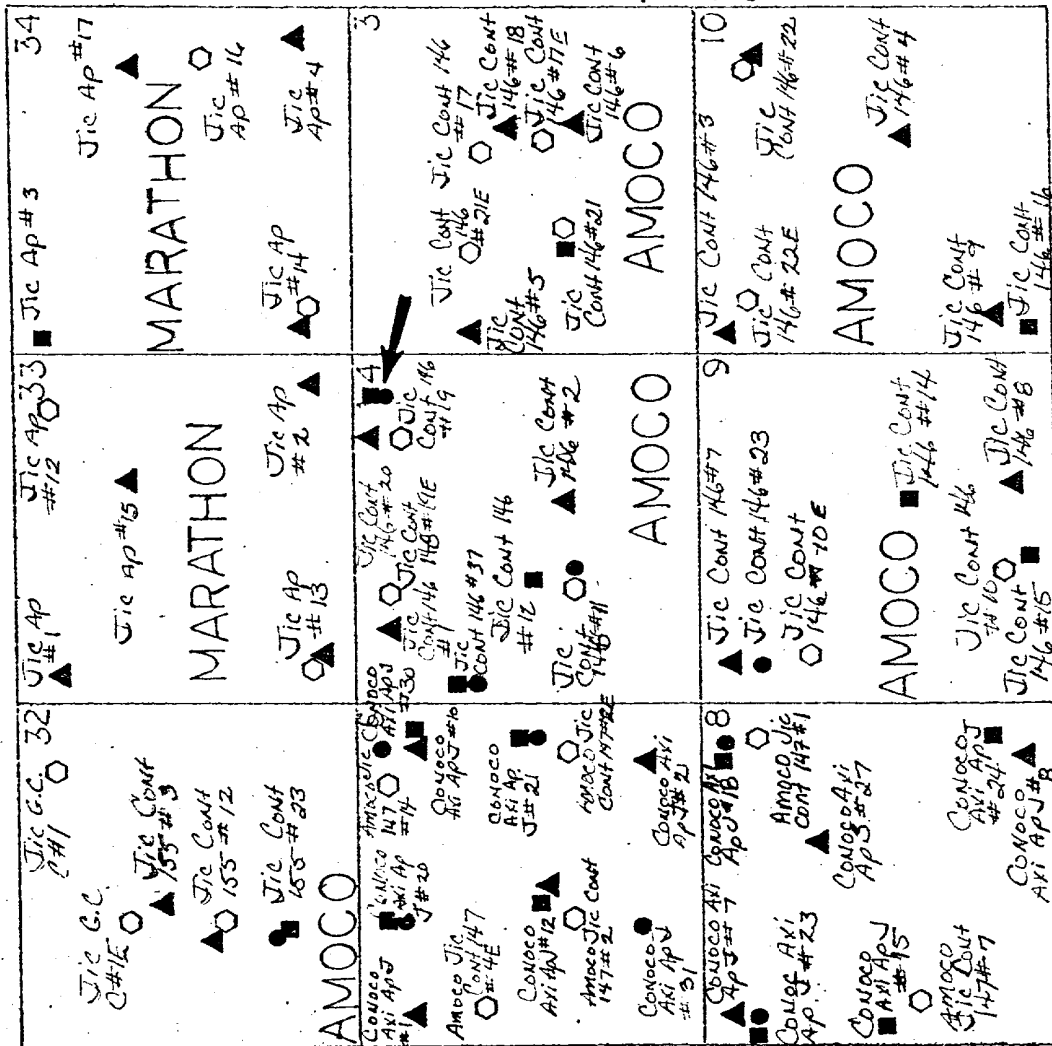
SCALE:

DRG.
NO.

R5W

T 26 N

T 25 N



○ BASIN DAKOTA WELLS

▲ SOUTH BLANCO PICTURED CLIFFS WELLS

■ OTERO CHARCA WELLS

● GONZALES MESAVERDE WELLS



DresserAtlas

Dual Induction Focused Log

WITH LINEAR CORRELATION LOG

FILE NO. FM-6291

COMPANY AMOCO PRODUCTION COMPANYAPI NUMBER:
30-030-22486WELL JICARILLA CONTRACT 146 #36FIELD OTERO CHACRA/GONZALES MESAVERDECOUNTY RIO ARRIBA STATE NEW MEXICO

LOCATION:

840' FNL, 1030' FEL

Other Services

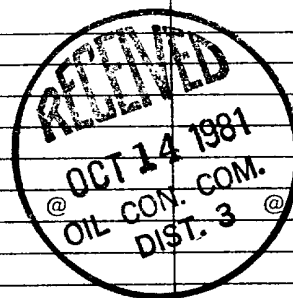
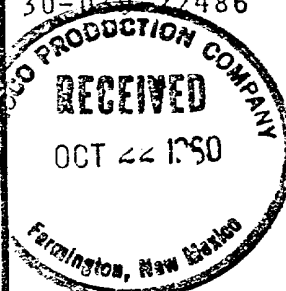
CDL/CN/GR

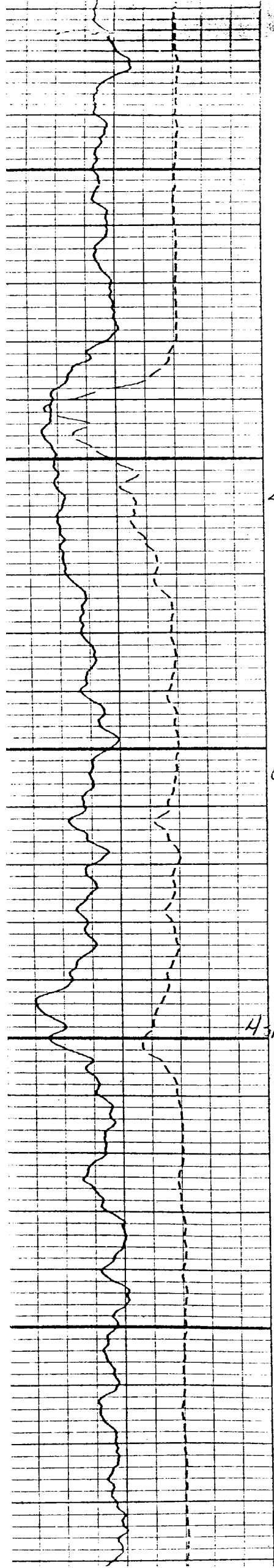
SEC 4 TWP 25N RGE 5WPermanent Datum G.L. Elev. 6615Log Measured from K.B. 13 Ft. Above Permanent DatumDrilling Measured from K.B.

Elevations:

KB 6628DF 6627GL 6615

Date	10/15/80			
Run No.	ONE			
Depth—Driller	5375			
Depth—Logger	5378			
Bottom Logged Interval	5376			
Top Logged Interval	302			
Casing—Driller	8 5/8@ 300	@		
Casing—Logger	302			
Bit Size	7 7/8			
Type Fluid in Hole	CHEM GEL			
	@	@	@	@
Density and Viscosity	9.5+ 100			
pH and Fluid Loss	- - cc	cc	cc	cc
Source of Sample	FLOWLINE			
Rm @ Meas. Temp.	1.75@ 73 °F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	1.31@ 73 °F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	2.19@ 73 °F	@ °F	@ °F	@ °F
Source of Rmf and Rmc	CALCULATED			
Rm @ BHT	0.89@ 144°F	@ °F	@ °F	@ °F
Time Since Circ.	4 HRS.			
Max. Rec. Temp. Deg. F.	144 °F	°F	°F	°F
Equip. No. and Location	6103 FARM.			
Recorded By	HITCHNER			
Witnessed By	VOLZ			

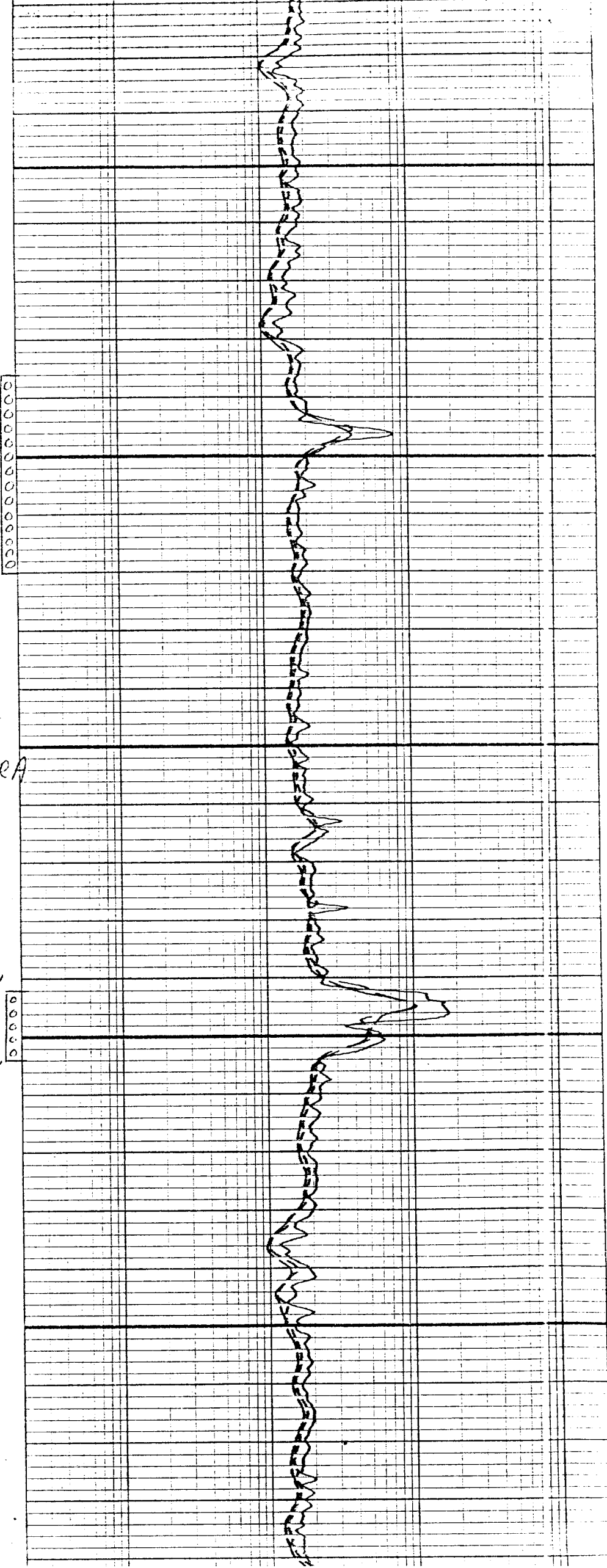


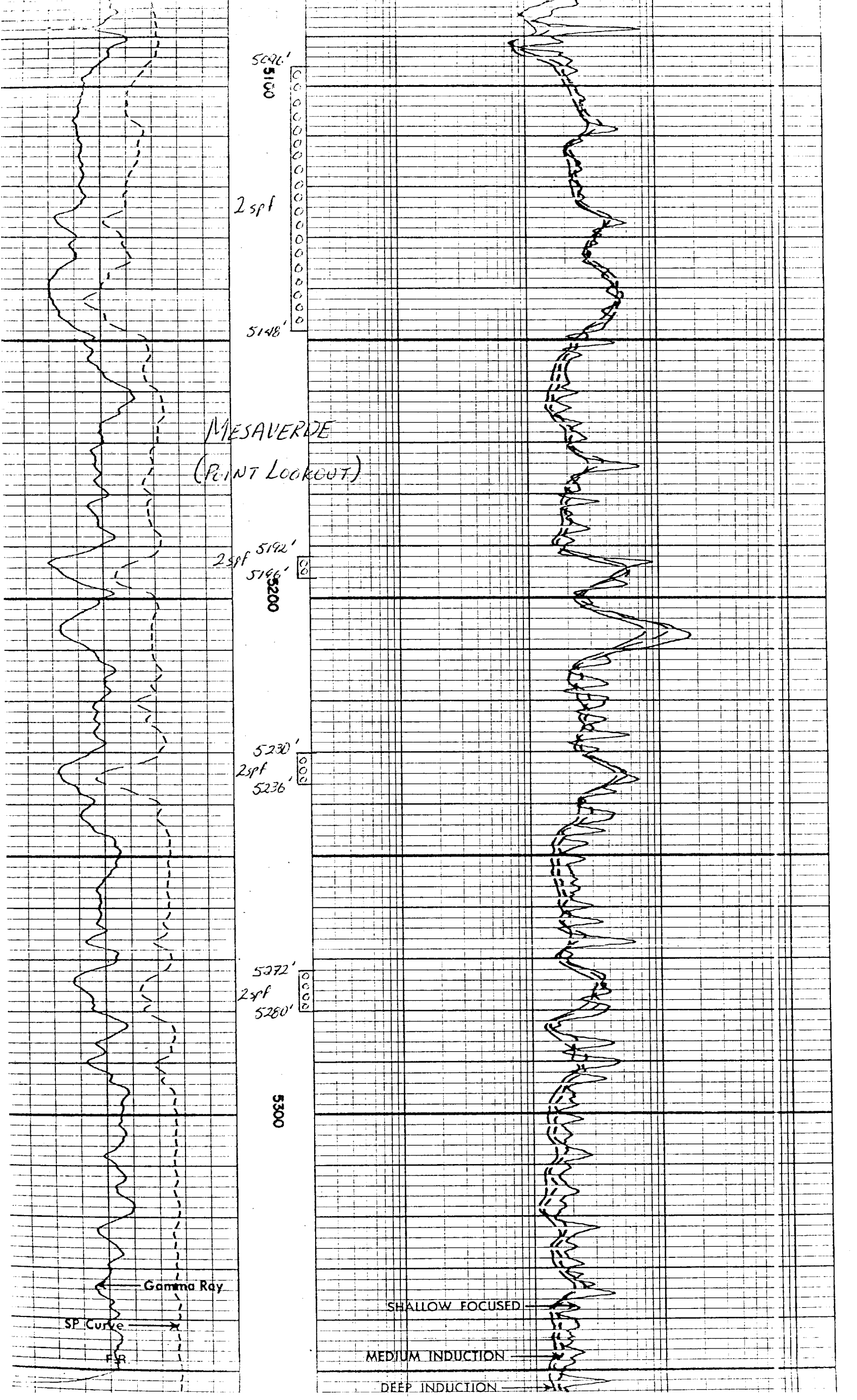


3786'
3800
45pt
3820'

CHACRA

3892'
45pt
3904'





MESAVERDE
(POINT LOOKOUT)

2 spt 5192'
2 spt 5196'
5200

5230'
2 spt 5236'

5272'
2 spt 5280'

5300

Gamma Ray
SP Curve
#5

SHALLOW FOCUSED
MEDIUM INDUCTION
DEEP INDUCTION

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
APPLICATION FOR MULTIPLE COMPLETION

Form C-107
5-1-61

Operator Amoco Production Company		County Rio Arriba	Date October 12, 1981
Address 501 Airport Dr., Farmington, NM 87401		Lease Jicarilla Contract 146	Well No. 36
Location of Well	Unit A	Section 4	Township 25N
			Range 5W

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES ☒ NO ☐
2. If answer is yes, identify one such instance: Order No. MC-2882; Operator Lease, and Well No.: Jicarilla Contract 146 No. 37

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
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c. Type of production (Oil or Gas)	Gas		Gas
d. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing

4. The following are attached. (Please check YES or NO)

- | | | |
|-------------------------------------|--------------------------|---|
| Yes | No | |
| ☒ | ☐ | a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent. |
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NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard perforation unit in one or more of the producing zones of the well, the applicant must submit a separate application with this application.

TOTAL OF 80' OF BLAST
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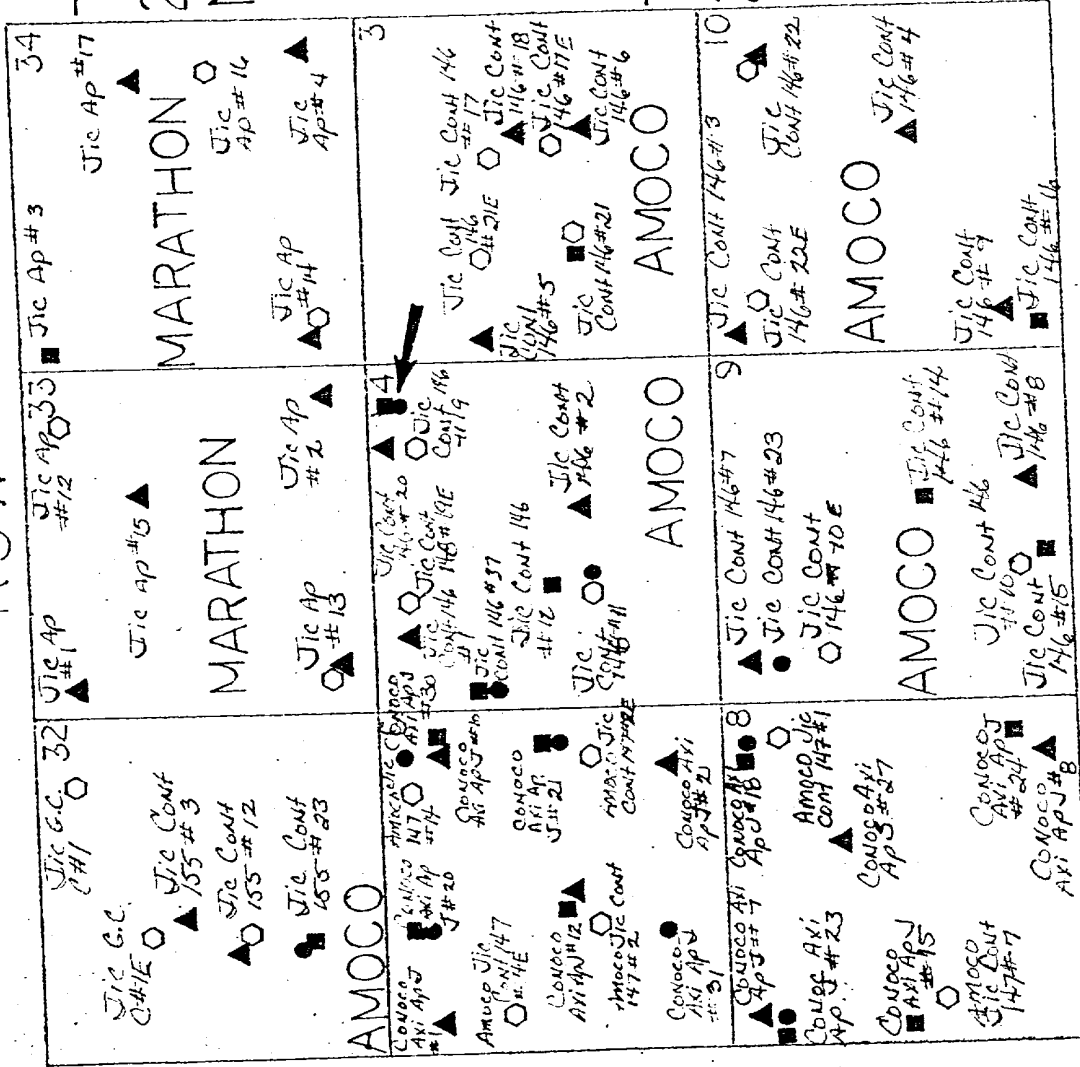
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COUNTY RIO ARRIBA STATE NEW MEXICO

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Drilling Measured from K.B.

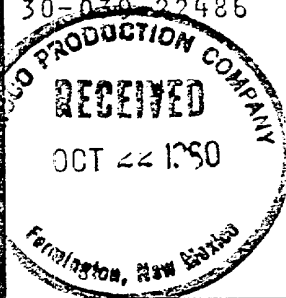
Elevations:

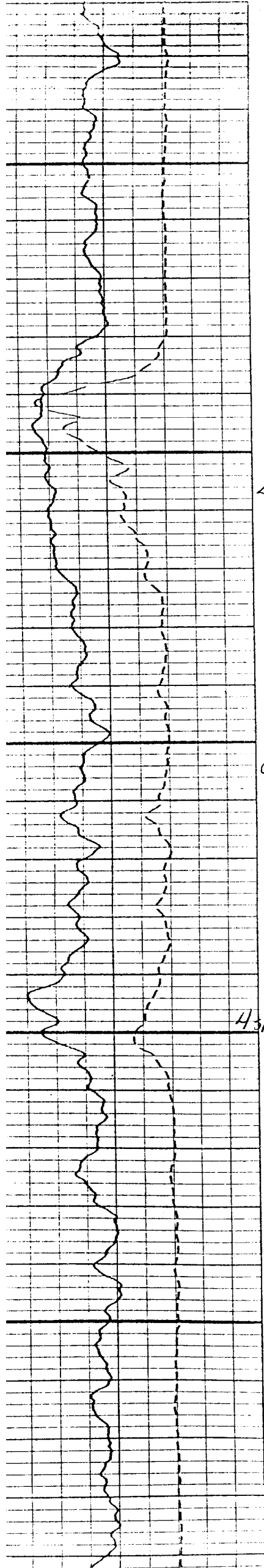
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DF 6627

GL 6615

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Run No.	ONE			
Depth—Driller	5375			
Depth—Logger	5378			
Bottom Logged Interval	5376			
Top Logged Interval	302			
Casing—Driller	8 5/8@ 300	@	@	@
Casing—Logger	302			
Bit Size	7 7/8			
Type Fluid in Hole	CHEM GEL			
	@	@	@	@
Density and Viscosity	9.5+ 100			
pH and Fluid Loss	- - cc	cc	cc	cc
Source of Sample	FLOWLINE			
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Rmc @ Meas. Temp.	2.19@ 73 °F	@ °F	@ °F	@ °F
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Rm @ BHT	0.89@ 144°F	@ °F	@ °F	@ °F
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Recorded By	HITCHNER			
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