

OIL CONSERVATION COMMISSION
3 DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

DATE 10-18-71

Re: Proposed NSP _____

Proposed NWU _____

Proposed NSL _____

Proposed NFO _____

Proposed MC ✓

Gentlemen:

I have examined the application dated 10-8-71
for the Artec Oil & Gas Co. Hare 18 H-10-29N-18W
Operator Lease and Well No. S-T-R

and my recommendations are as follows:

Cyprus

Yours very truly,

Wm. C. Lewis

AZTEC OIL & GAS COMPANY

2000 FIRST NATIONAL BANK BUILDING
DALLAS, TEXAS 75202

PRODUCTION DEPARTMENT

October 8, 1971

New Mexico Oil Conservation Commission
Post Office Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. A. L. Porter, Jr.
Secretary-Director

Re: Application for Dual Completion
Aztec Oil & Gas Company
Hare #18
SE NE Section 10-29N-10W
San Juan County, New Mexico

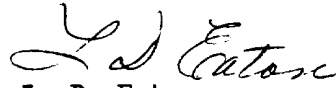
Gentlemen:

In accordance with provisions of Rule 112-A, we are transmitting herewith, in quadruplicate, Aztec Oil & Gas Company's Application for Administrative Approval to dually complete our Hare #18 well in the Blanco Mesaverde and Basin Dakota gas pools. A plat of the lease and diagram of the proposed installation is attached to the Application. Two copies of the electric logs were furnished to the Oil Commission office in Aztec, New Mexico.

Each offset operator is being furnished copies of our Application together with waivers requesting their consent to this proposed dual completion.

Your review and approval of our Application will be appreciated.

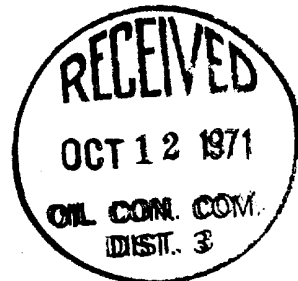
Very truly yours,


L. D. Eaton

LDE:bjr

Attachments

cc: New Mexico Oil Conservation Commission - Aztec
Each Offset Operator



NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

5-1-61

APPLICATION FOR MULTIPLE COMPLETION

Operator Aztec Oil & Gas Company		County San Juan		Date 10-8-71
Address 2000 First National Bank Building		Lease Hare		Well No. 18
Location Dallas, Texas 75202		Section 10		Range 10W
Unit H	Township 29N			

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 1921; Operator, Lease, and Well No.: Aztec-Hare #14

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Mesaverde		Dakota
b. Top and Bottom of Pay Section (Perforations)	4544-4650		6648-6864
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 mark YES or NO)

- X 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.
- X 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.
- X 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. *
- X 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 Section 12-1-61, N.M.S.A.)
5. List all offset operators to the lease on which this well is located together with their correct mailing address.

El Paso Natural Gas Company, Box 1492, El Paso, Texas 79999

Cenard Oil Company, 400 Expressway Tower, Dallas, Texas 75206

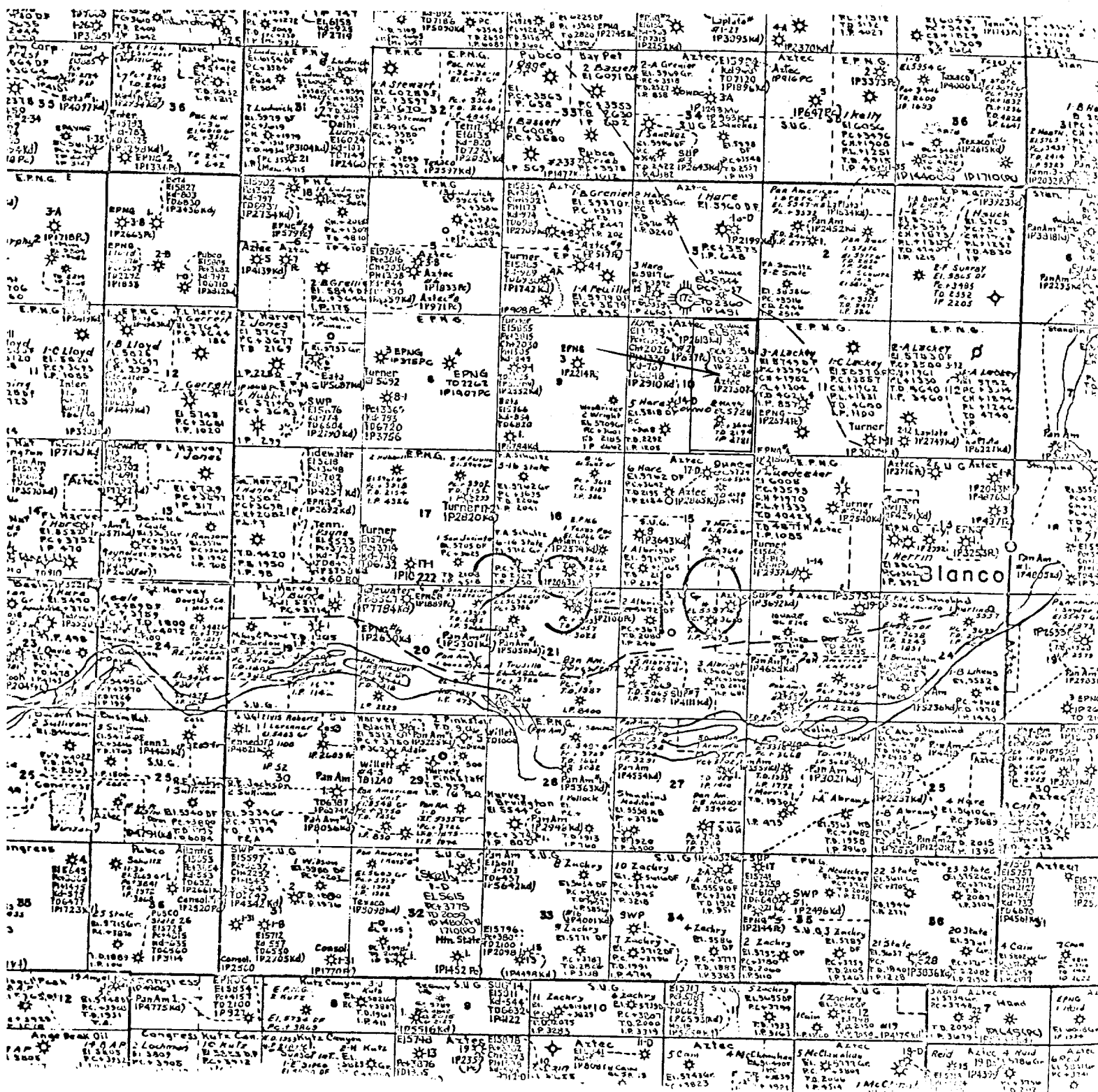
Amoco Production Company, Petroleum Center, Farmington, New Mexico 87401

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES XX NO . If answer is yes, give date of such notification 10-8-71

CERTIFICATE: I, the undersigned, state that I am the staff engineer of the Aztec Oil & Gas Company (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.

L J Eaton
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.
- NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard production unit in either or both of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.



AZTEC OIL & GAS COMPANY

2000 FIRST NATIONAL BANK BUILDING
DALLAS, TEXAS 75202

PRODUCTION DEPARTMENT

October 8, 1971

Cenard Oil Company
400 Expressway Tower
Dallas, Texas 75206

Re: Application for Dual Completion
Aztec Oil & Gas Company
Hare #18
SE NE Section 10-29N-10W
San Juan County, New Mexico

Gentlemen:

Please find enclosed Aztec Oil & Gas Company's Application for Administrative Approval to dually complete our Hare #18 well in the Blanco Mesaverde and Basin Dakota gas pools. Also, we are enclosing a waiver of objection. If you have no objection to this dual completion, please execute the waiver and forward one copy to the New Mexico Oil Conservation Commission and a copy to this office.

Very truly yours,

L D Eaton
L. D. Eaton

LDE:bjr

Encls.

cc: New Mexico Oil Conservation Commission
Post Office Box 2088
Santa Fe, New Mexico 87501
Attention: Mr. A. L. Porter, Jr.



AZTEC OIL & GAS COMPANY

2000 FIRST NATIONAL BANK BUILDING
DALLAS, TEXAS 75202

PRODUCTION DEPARTMENT

October 8, 1971

Amoco Production Company
Petroleum Center
Farmington, New Mexico 87401

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Aztec Oil & Gas Company
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Encls.

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Santa Fe, New Mexico 87501
Attention: Mr. A. L. Porter, Jr.



AZTEC OIL & GAS COMPANY

2000 FIRST NATIONAL BANK BUILDING
DALLAS, TEXAS 75202

PRODUCTION DEPARTMENT

October 8, 1971

El Paso Natural Gas Company
Post Office Box 1492
El Paso, Texas 79999

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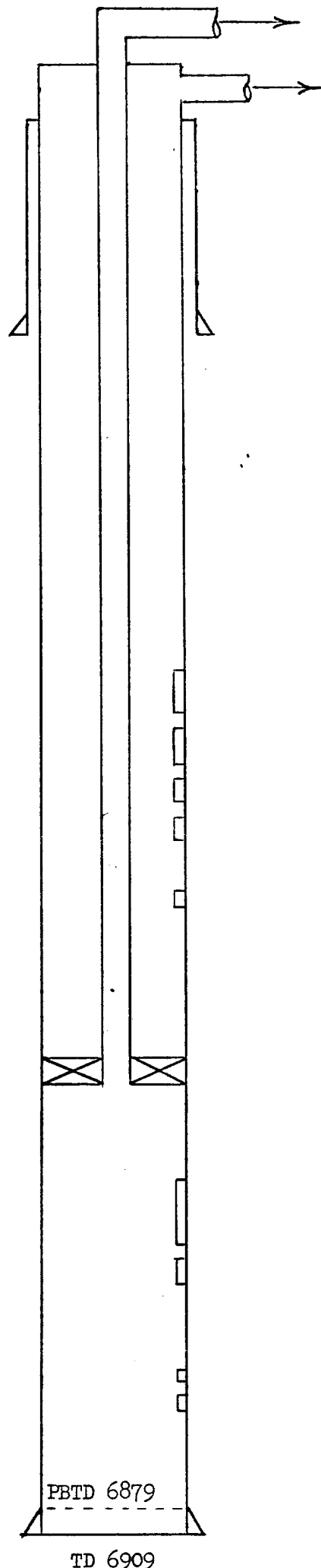
LDE:bjr

Encls.

cc: New Mexico Oil Conservation Commission
Post Office Box 2088
Santa Fe, New Mexico 87501
Attention: Mr. A. L. Porter, Jr.



Aztec Oil & Gas Company
Diagrammatic Sketch
Showing Dual Completion
Hare #18
SE NE Section 10-29N-10W
San Juan County, New Mexico



8-5/8" Casing set @ 308'
Cemented w/230 sxs. (Circulated)



Mesaverde Perfs:

4544-68
4574-88
4596-4606
4618-24
4644-50

2-3/8" EUE tubing landed @ 6639'
4-1/2" Packer set @ 6639'
(Baker Model "D")

Dakota Perfs:

6648-96
6714-38
6836-42
6856-64

4-1/2" Casing set @ 6909'
Cemented w/775 sxs



WELLS

INDUCTION

Technology

FILE NO.

FILE

COMPANY AZTEC OIL & GAS COMPANY

WELL HARE N° 18-D

FIELD BASIN DAKOTA

COUNTY SAN JUAN STATE NEW MEXICO

LOCATION: 1500' FNL & 1070' FEL

Other Services

NONE

SEC 10 TWP 29N RGE 10W

Permanent Datum G.L. Elev. 5835

Log Measured from K.B. 14 Ft. Above Permanent Datum

Elevations:
KB 5849
DF 5848
GL 5835

Drilling Measured from K.B.

Date 6-29-62

Run No.

Depth—Driller

Depth—Logger

Bottom Logged Interval

Top Logged Interval

Casing—Driller

Casing—Logger

Bit Size

Type Fluid in Hole

Density and Viscosity

pH and Fluid Loss

Source of Sample

Rm @ Meas. Temp.

Rmf @ Meas. Temp.

Rmc @ Meas. Temp.

Source of Rmf and Rmc

Rm @ BHT

Time Since Circ.

Max. Rec. Temp. Deg. F.

Equip. No. and Location

Recorded By

GEOLOGICAL
DEPARTMENT

V T

EMA

Prod.

DMH

Well File

GAR

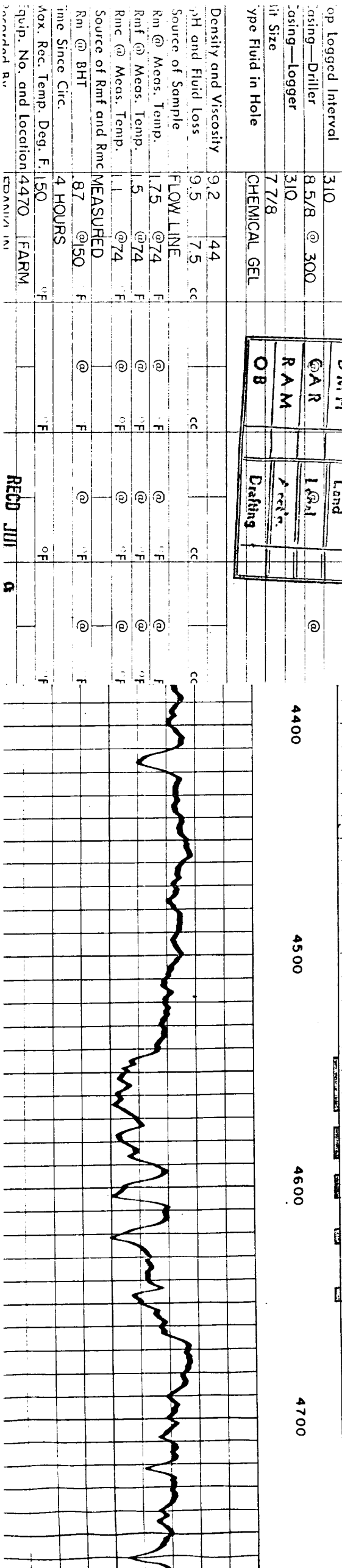
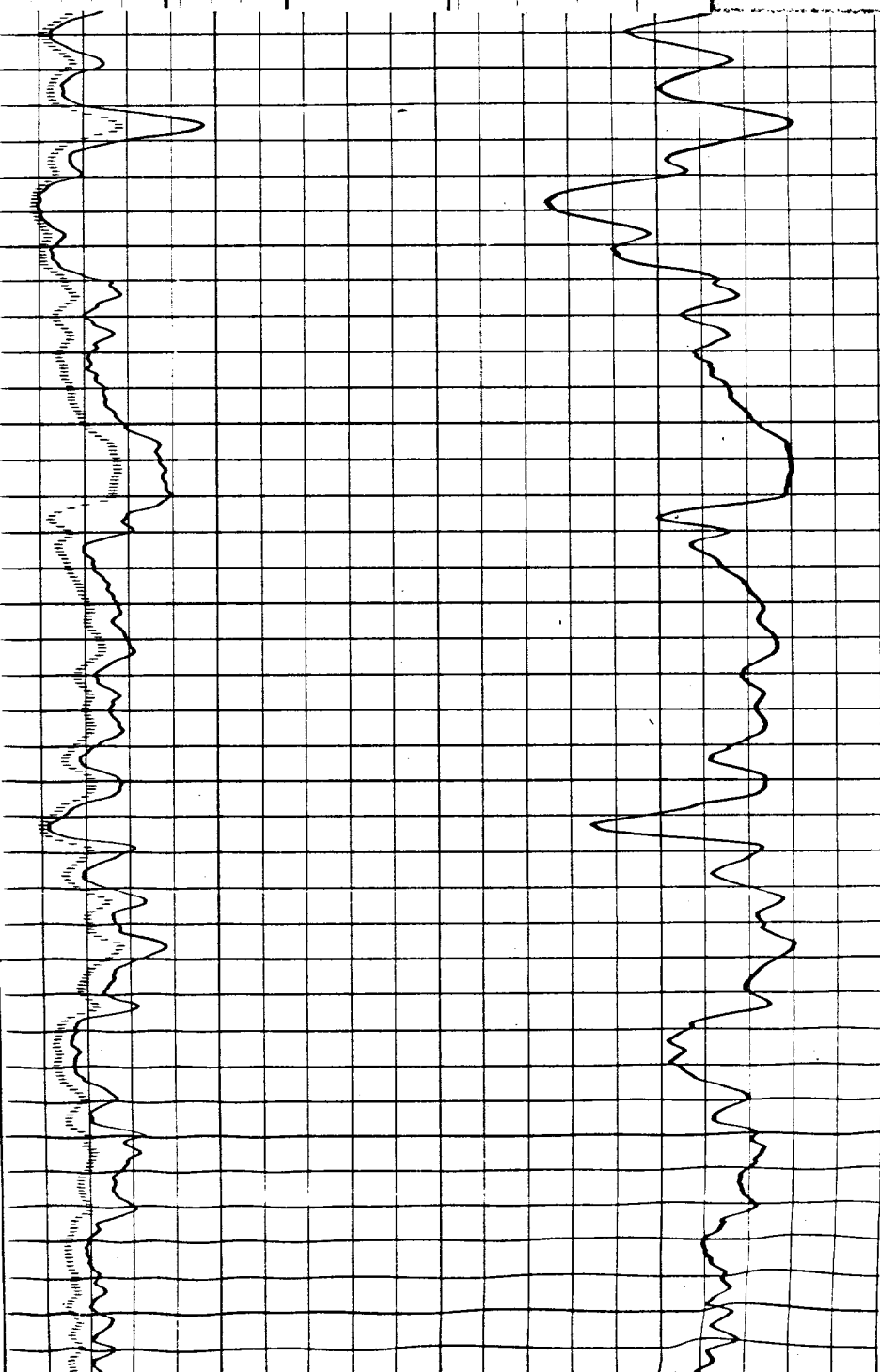
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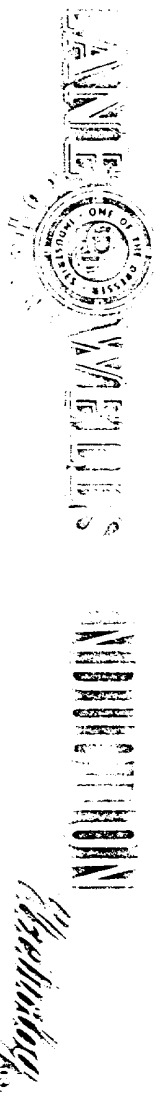
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OB

Drafting





LE NO. **FILE**

COMPANY	AZTEC OIL & GAS COMPANY		
WELL	HARE N° 18-D		
FIELD	BASIN DAKOTA		
COUNTY	SAN JUAN	STATE	NEW MEXICO
LOCATION:	1500' FNL & 1070' FEL		Other Services
			NONE
SEC	10	TWP	29N
		RGE	10W

Permanent Datum	G. L.	Elev.	5835	KB	5849
og Measured from	K. B.	14	Ft. Above Permanent Datum	DF	5848
Drilling Measured from	K. B.			GL	5835

date	6-29-62
un No.	ONE
Depth—Driller	6909
Depth—Logger	6912
Bottom Logged Interval	6911
Top Logged Interval	310
Casing—Driller	8.5/8 @ 300
Casing—Logger	310
Bit Size	7 7/8
Type Fluid in Hole	CHEMICAL GEL

GEOLOGICAL DEPARTMENT

EMA

VT

Prod.

Well File

Lend

1 Encl

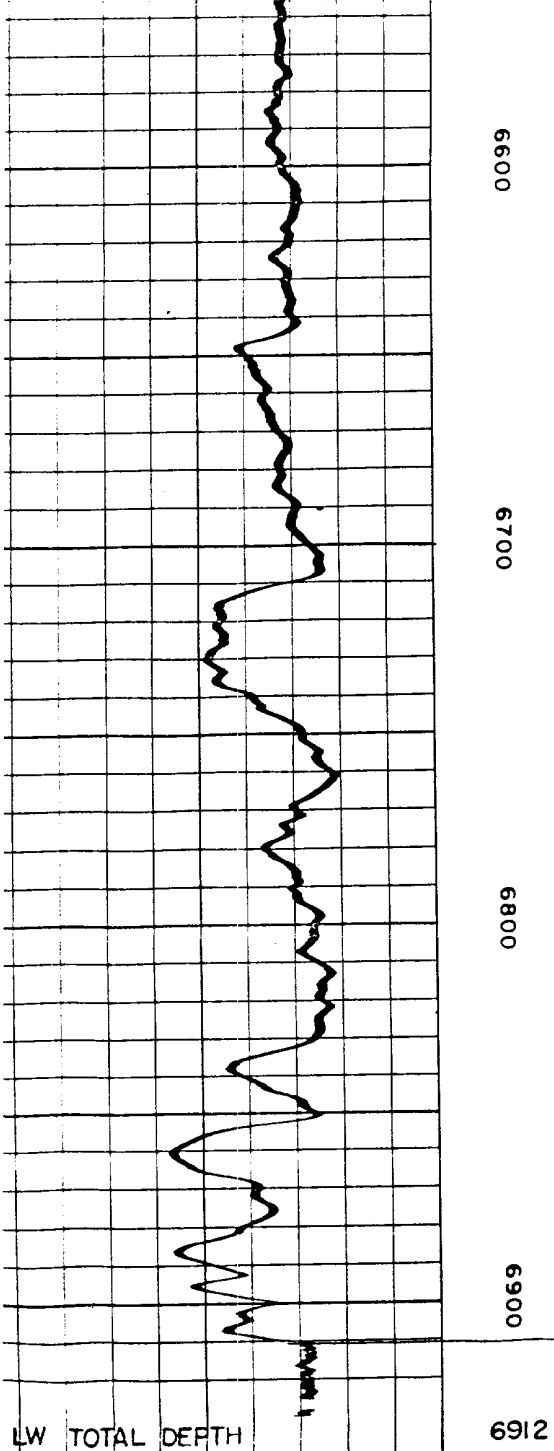
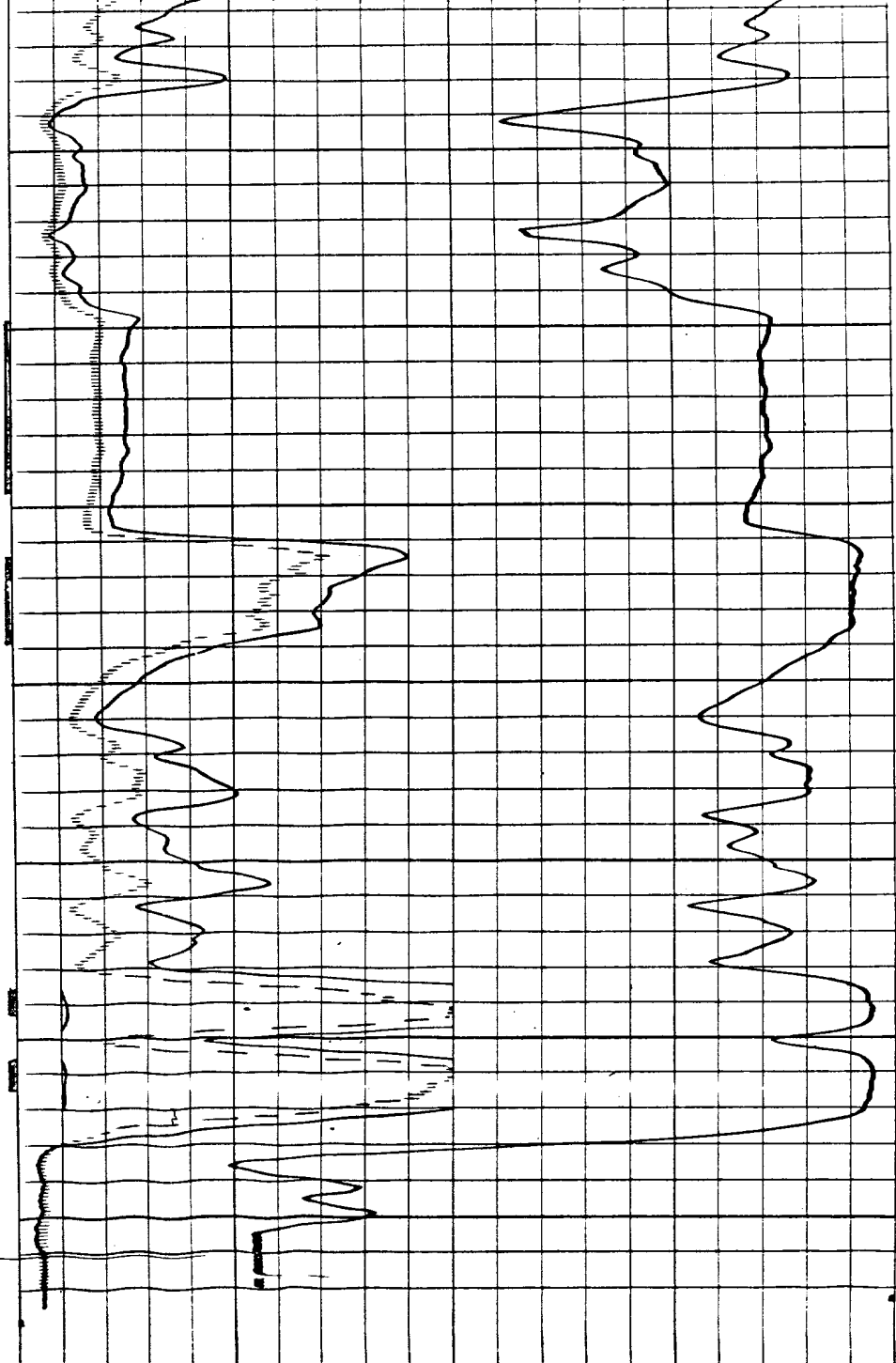
7 Encl

Drafting

OB

Density and Viscosity	9.2	44
pH and Fluid Loss	9.5	7.5 cc
Source of Sample	FLOW LINE	
Rm @ Meas. Temp.	1.75	@ 74 F
Rmf @ Meas. Temp.	1.5	@ 74 F
Rmc @ Meas. Temp.	1.1	@ 74 F
Source of Rmf and Rmc	MEASURED	
Rm @ BHT	.87	@ 150 F
Time Since Circ.	4 HOURS	
Max. Rec. Temp. Deg. F.	150	F
Equip. No. and Location	44470	FARM

RECD JUL 8



LW TOTAL DEPTH