

OIL CONSERVATION COMMISSION
3 DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

DATE 10-30-70

Re: Proposed NSP _____

Proposed NWU _____

Proposed NSL _____

Proposed NFO _____

Proposed MC ✓

Gentlemen:

I have examined the application dated 10-27-70
for the Azteco Oil & Gas Co. Hillside #1 J-9 274-11W
Operator Lease and Well No. S-T-R

and my recommendations are as follows:

Regrate

. Yours very truly,

Edwin C. Claret

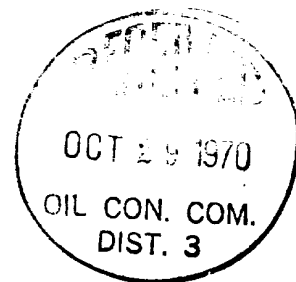
AZTEC OIL & GAS COMPANY

2000 FIRST NATIONAL BANK BUILDING

DALLAS, TEXAS 75202

PRENTICE WATTS
VICE PRESIDENT
PRODUCTION

October 27, 1970



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

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

Re: Application for Dual Completion
Aztec Oil & Gas Company
Hillside #1
NW SE Section 9-27N-11W
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 Hillside #1 well in the Kutz Gallup oil pool and Basin Dakota gas pool. 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
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 <u>Aztec Oil & Gas Company</u>		County <u>San Juan</u>		Date <u>October 27, 1970</u>	
Address <u>2000 First National Bank Building</u> <u>Dallas, Texas 75202</u>		Lease <u>Hillside</u>		Well No. <u>1</u>	
Location of Well	Unit <u>J</u>	Section <u>9</u>	Township <u>27N</u>	Range <u>11W</u>	

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. Unknown; Operator, Lease, and Well No.:

Aztec Oil & Gas Company, Frontier B #2 (Formerly El Paso Products Co. Frontier B-2) (5-7-59)

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	<u>Kutz Gallup</u>		<u>Basin Dakota</u>
b. Top and Bottom of Pay Section (Perforations)	<u>5906-5914</u>		<u>6550-6586</u>
c. Type of production (Oil or Gas)	<u>Oil</u>		<u>Gas</u>
d. Method of Production (Flowing or Artificial Lift)	<u>Flowing</u>		<u>Flowing</u>

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

- Yes 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.
- Yes 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.
- Yes 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.*
- Yes 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.

Husky Oil Company, 1122 Lincoln Tower Building, Denver, Colorado

Atlantic-Richfield Company, 1500 Security Life Building, Denver, Colorado 80202

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 27, 1970

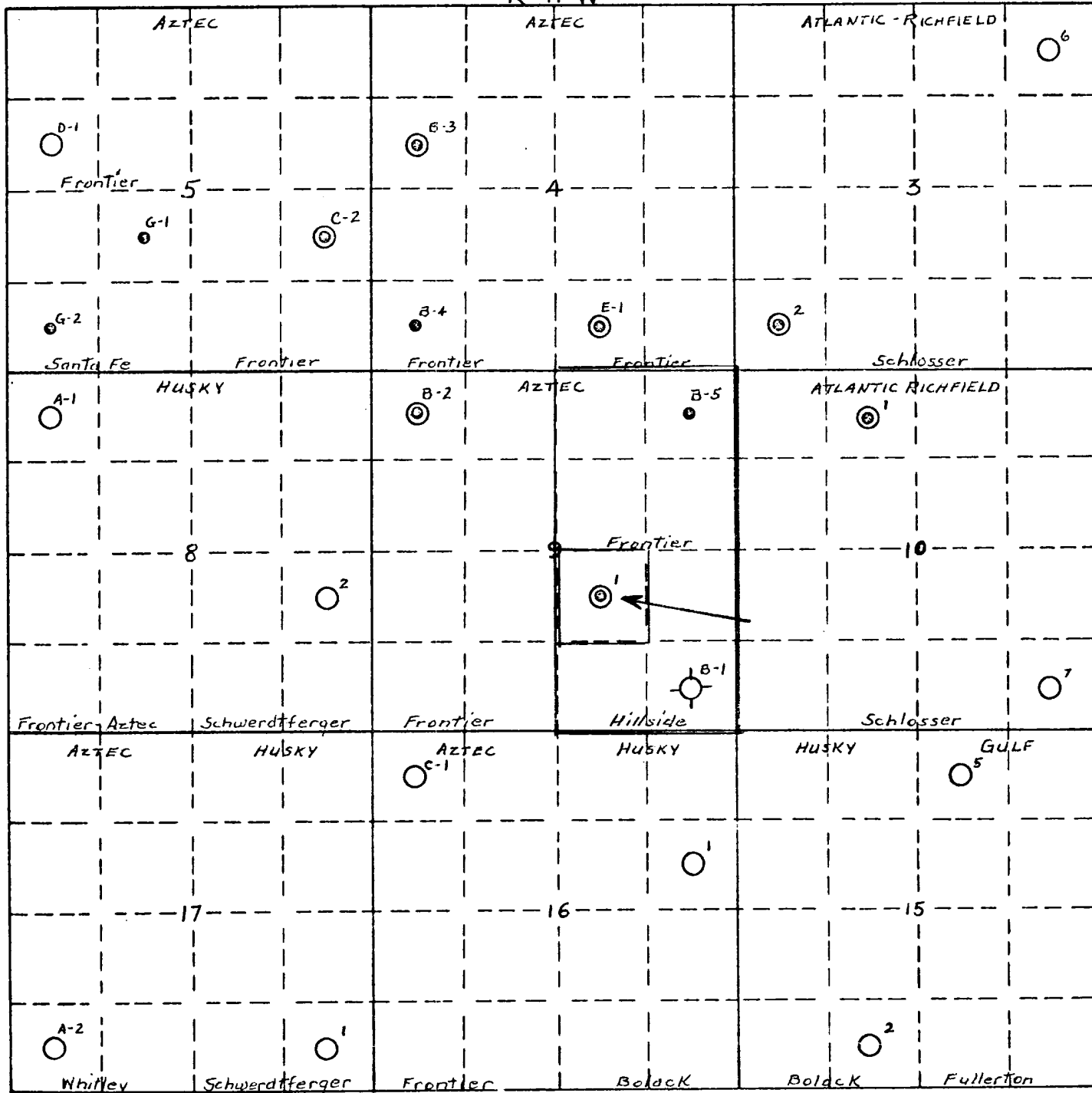
CERTIFICATE: I, the undersigned, state that I am the Staff Engineer of the Aztec Oil & Gas Company (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

L. D. Eaton
L. D. 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 perforation unit in either or both of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

R-11-W



T
27
N

AZTEC

● Kurtz-Gallup Well

⊙ Kurtz-Gallup - Basin Dakota Well

○ Basin Dakota Well

AZTEC OIL & GAS COMPANY			
AZTEC OIL & GAS COMPANY			
Hillside No. 1			
Sec 9, T27N, R11W			
CONTOURED		C1	
By	Date	Revised By	Date
LDE	10/26/70		

AZTEC OIL & GAS COMPANY

2000 FIRST NATIONAL BANK BUILDING

DALLAS, TEXAS 75202

PRENTICE WATTS
VICE PRESIDENT
PRODUCTION

October 27, 1970

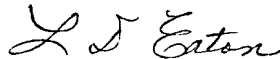
Atlantic-Richfield Company
1500 Security Life Building
Denver, Colorado 80202

Re: Application for Dual Completion
Aztec Oil & Gas Company
Hillside #1
NW SE Section 9-27N-11W
San Juan County, New Mexico

Gentlemen:

Please find enclosed Aztec Oil & Gas Company's Application for Administrative Approval to dually complete our Hillside #1 well in the Kutz Gallup oil pool and Basin Dakota gas pool. 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

LDE:bjr

Encl.

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

AZTEC OIL & GAS COMPANY

2000 FIRST NATIONAL BANK BUILDING

DALLAS, TEXAS 75202

PRENTICE WATTS
VICE PRESIDENT
PRODUCTION

October 27, 1970

Husky Oil Company
1122 Lincoln Tower Building
Denver, Colorado

Re: Application for Dual Completion
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L. D. Eaton

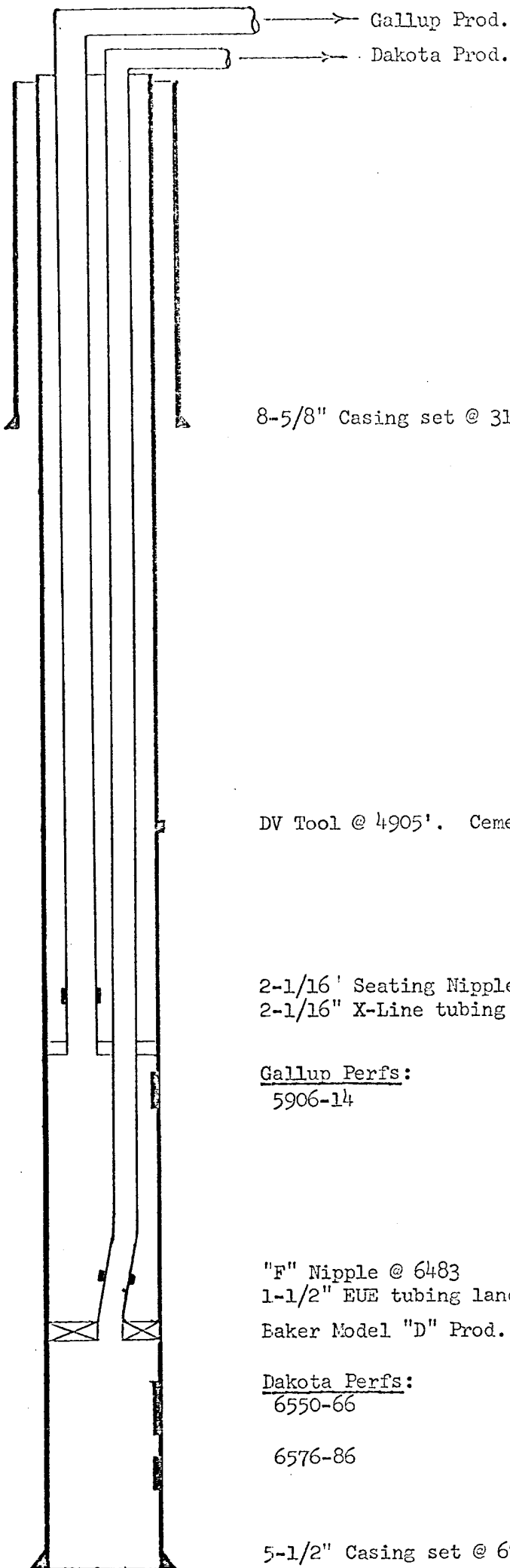
LDE:bjr

Encl.

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



Aztec Oil & Gas Company
Diagrammatic Sketch
Hillside #1
NW SE Section 9-27N-11W
San Juan County, New Mexico



8-5/8" Casing set @ 314' w/200 sxs.

DV Tool @ 4905'. Cemented w/200 sxs.

2-1/16" Seating Nipple @ 5876'

2-1/16" X-Line tubing landed in anchor catcher @ 5880'

Gallup Perfs:

5906-14

"F" Nipple @ 6483

1-1/2" EUE tubing landed in packer w/Baker latch-in seal

Baker Model "D" Prod. Packer @ 6515

Dakota Perfs:

6550-66

6576-86

5-1/2" Casing set @ 6754' w/350 sxs.

TD 6754
PBTD 6716

SCHUMBERGER

INDUCTION ELECTRICAL LOG

COUNTY SAN JUAN, N.M.
FIELD or LOCATION BASIN DAKOTA
WELL HILLSIDE #1

COMPANY AZTEC OIL & GAS

COMPANY AZTEC OIL & GAS COMPANY

WELL HILLSIDE #1

FIELD BASIN DAKOTA

COUNTY SAN JUAN STATE NEW MEXICO

LOCATION 2310' FSL 1650' FEL

Other Services:
FDC/GR

Sec. 9 Twp. 27N Rge. 11W

Permanent Datum: GL Elev. 6223
Log Measured From KB 12 Ft. Above Perm. Datum
Drilling Measured From KB

Elev.: K.B. 6235
D.F. 6234
G.L. 6223

Date 10/13/70

Run No. ONE

Depth—Driller 6754

Depth—Logger 6754

3in. Log Interval 6753

Top Log Interval 314

Casing—Driller 8 5/8@ 314

Casing—Logger 314

Bit Size 7 7/8

Type Fluid in Hole FGM

Dens. 9.3 Visc. 71

pH 9.0 Fluid Loss 7.2 ml

Source of Sample FLOW LINE

R_m @ Meas. Temp. 4.25@ 65 °F

R_{ml} @ Meas. Temp. 3.63@ 69 °F

R_{rt} @ Meas. Temp. --@ -- °F

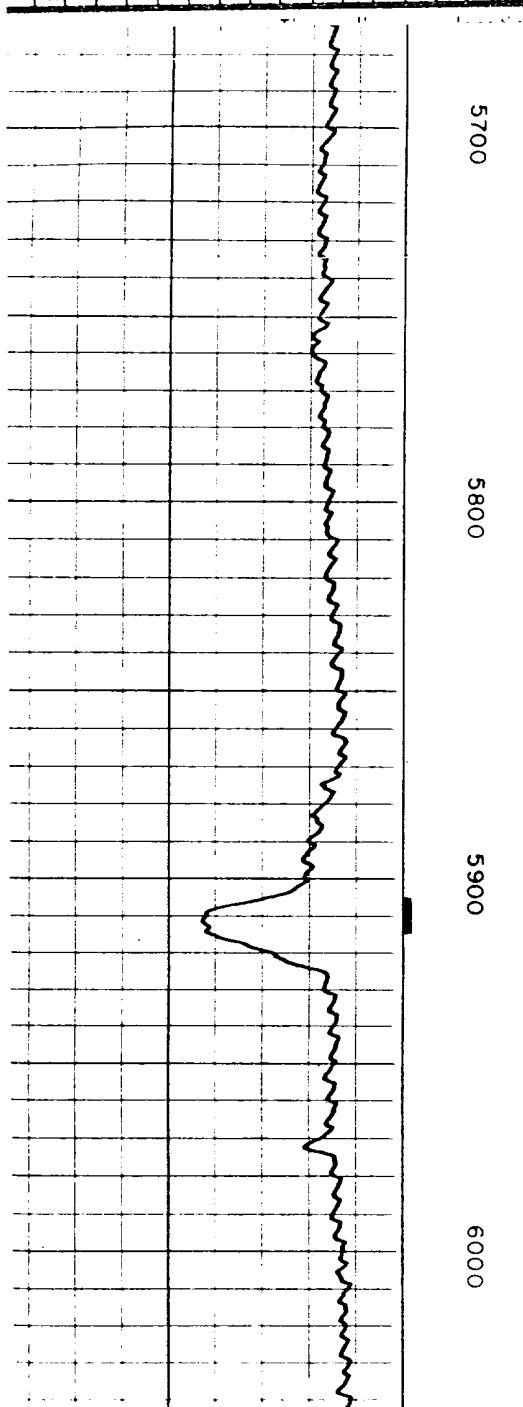
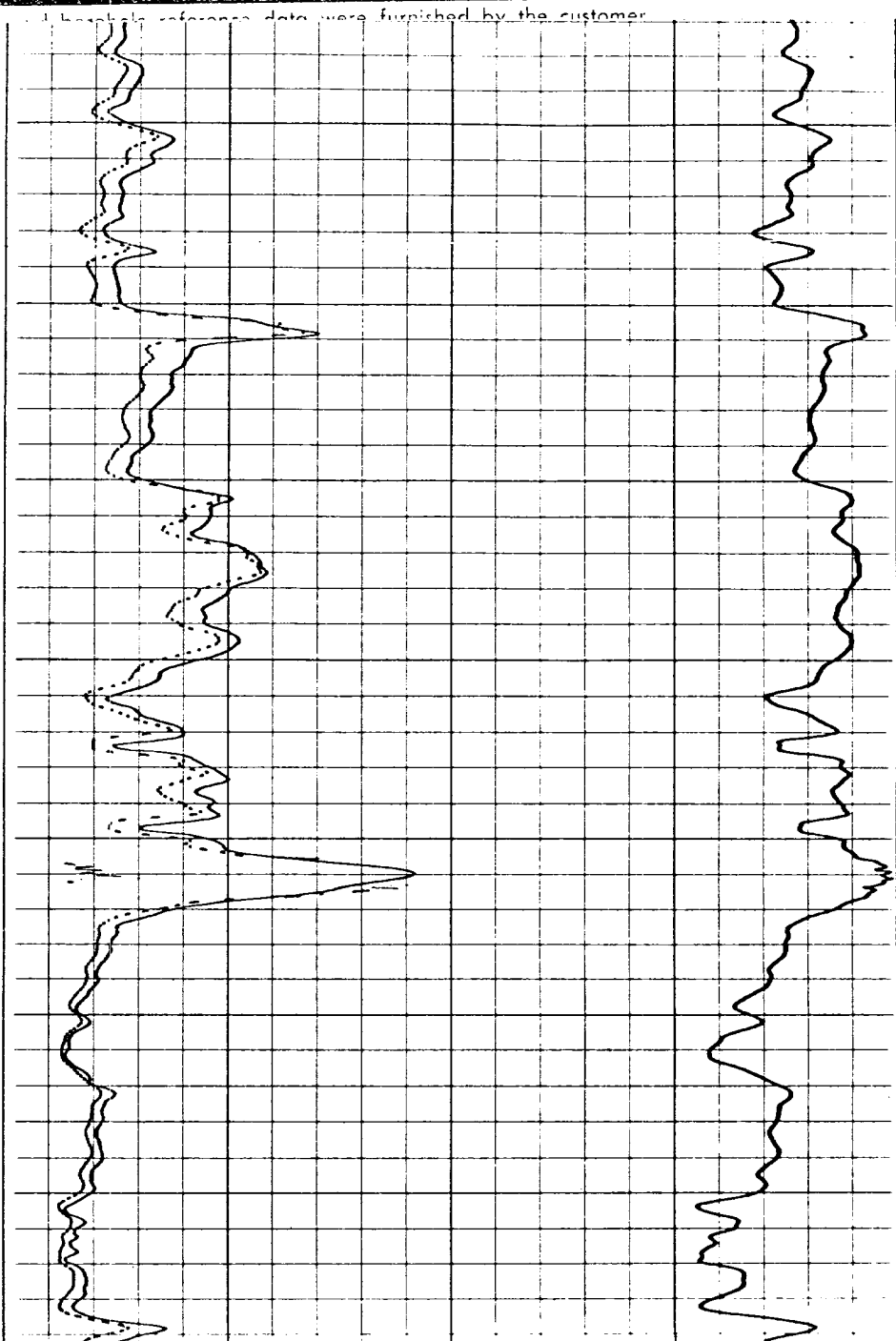
Source: R_{ml} M R_{mc} --

R_m @ BHT 1.8 @ 154 °F

Time Since Circ. 3 HRS.

Max. Rec. Temp. 154 °F

Form Location 4544 FARM



INDUSTRIAL ELECTRIC LOG

FIELD or
LOCATION BASIN DAKOTA
WELL HILLSIDE #1

COMPANY AZTEC OIL & GAS

COMPANY AZTEC OIL & GAS COMPANY

WELL HILLSIDE #1

FIELD BASIN DAKOTA

COUNTY SAN JUAN STATE NEW MEXICO

LOCATION 2310' FSL 1650' FEL

Other Services:

Sec. 9 Twp. 27N Rge. 11W

Permanent Datum: GL, Elev. 6223
 Log Measured From KB, 12 Ft. Above Perm. Datum
 Drilling Measured From KB

Elev.: K.B. 6235
D.F. 6234
G.L. 6223

Date	10/13/70
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Run No.	ONE
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Depth—Driller	6154
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Depth—Logger	0 / 2-4
	6753

21m. Log interval	0750
22m. Log interval	314

Top Log Interval	Oil
Casing-Driller	3 5/8 @ 314

Casing—Dinner	0 0, 00
Casing—ladder	3 14

Logging	Bit Size
7	7 7/8

Type Fluid in Hole

Dens.	Visc.	9.3	7
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pH	Fluid loss	9.0	7.2 ml
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Source of sample	FLOW LINE
4	2500

R_m	@ Meas. Temp.
4.23	@ 60 °F
2.63	@ 60 °F

Ref	@ Meas. Temp.	--- @ --- °F
1	2,00	0.00
2	2,00	0.00
3	2,00	0.00
4	2,00	0.00
5	2,00	0.00
6	2,00	0.00
7	2,00	0.00
8	2,00	0.00
9	2,00	0.00
10	2,00	0.00
11	2,00	0.00
12	2,00	0.00
13	2,00	0.00
14	2,00	0.00
15	2,00	0.00
16	2,00	0.00
17	2,00	0.00
18	2,00	0.00
19	2,00	0.00
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21	2,00	0.00
22	2,00	0.00
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82	2,00	0.00
83	2,00	0.00
84	2,00	0.00
85	2,00	0.00
86	2,00	0.00
87	2,00	0.00
88	2,00	0.00
89	2,00	0.00
90	2,00	0.00
91	2,00	0.00
92	2,00	0.00
93	2,00	0.00
94	2,00	0.00
95	2,00	0.00
96	2,00	0.00
97	2,00	0.00
98	2,00	0.00
99	2,00	0.00
100	2,00	0.00

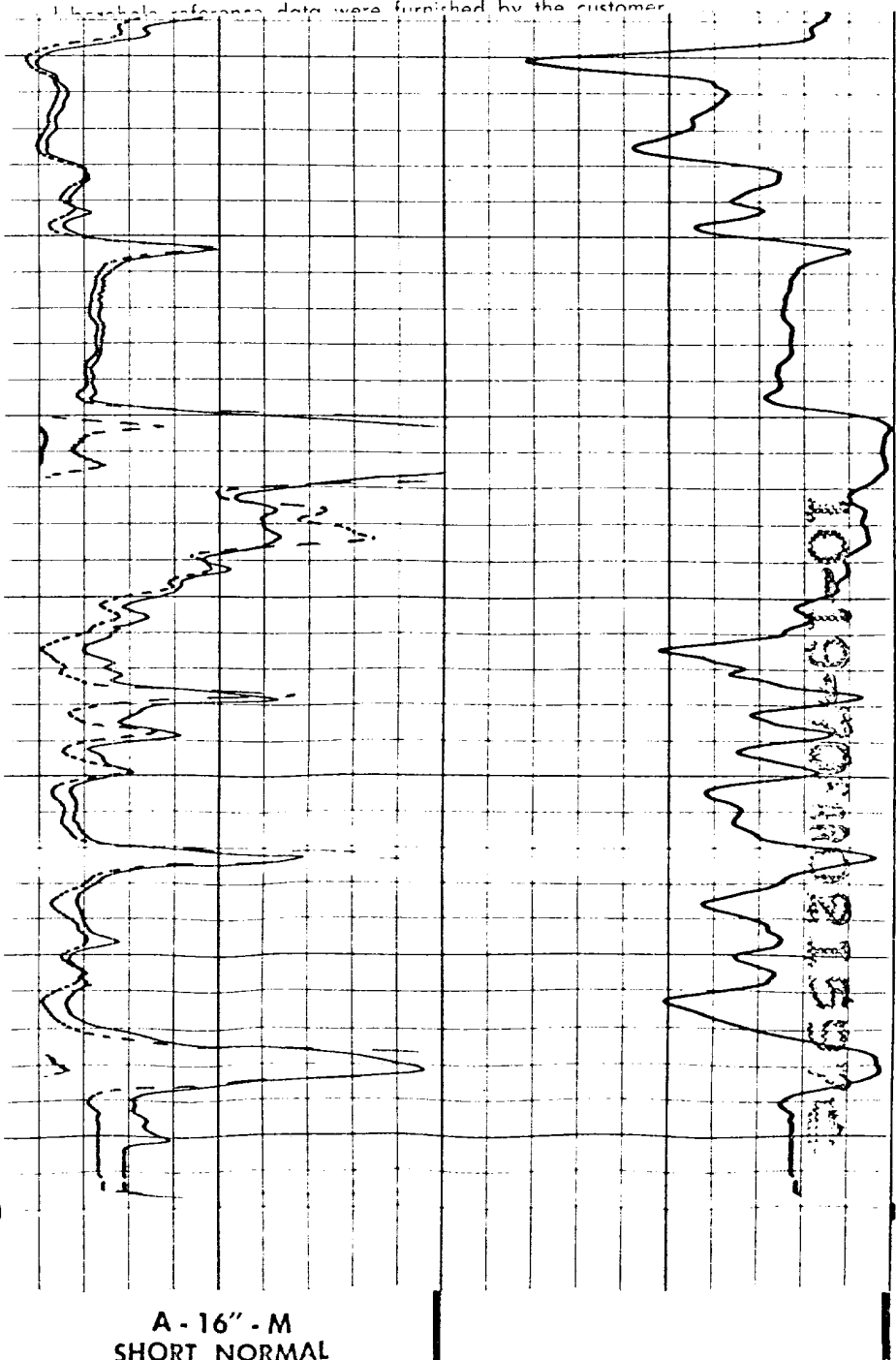
Source: B & B	M	...
Krig @ Meas. 10/11/11		

Source: K m	1.8
8 @ BHT	1.8 @ 154°F

Time Since Circ.	3 HRS.
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Max. Rec. Temp.	154	°F.
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Equip.	Location	4544	FARM



A - 16" - M
SHORT NORMAL

