

OIL CONSERVATION COMMISSION
3 DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

DATE 2-4-72

Re: Proposed NSP _____

Proposed NWU _____

Proposed NSL _____

Proposed NFO _____

Proposed MC _____

Gentlemen:

I have examined the application dated 2-2-72
for the Artec Oil & Gas Co. Re: 20 4-17-28N-9W
Operator Lease and Well No. S-T-R

and my recommendations are as follows:

Approved

Yours very truly,

Ernest E. Blum

PRENTICE WATTS
VICE PRESIDENT
PRODUCTION

AZTEC OIL & GAS COMPANY
2000 FIRST NATIONAL BANK BUILDING
DALLAS, TEXAS 75202

February 2, 1972

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
Reid #20
NE NE Section 19-28N-9W
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 Reid #20 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
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

7-3-53

APPLICATION FOR DUAL COMPLETION

Field Name Blanco Mesaverde		County San Juan		Date February 2, 1972
Operator Aztec Oil & Gas Company		Lease Reid		Well No. 20
Location of Well	Unit A	Section 19	Township 28N	Range 9W

1. Has the New Mexico Oil Conservation Commission heretofore authorized the dual 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-1956 ; Operator, Lease, and Well No.: **Aztec - Reid #19**

3. The following facts are submitted:	Upper Zone	Lower Zone
a. Name of reservoir	Mesaverde	Dakota
b. Top and Bottom of Pay Section (Perforations)	4390-4440	6422-6510
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)

Yes a. Diagrammatic Sketch of the Dual Completion, showing all casing strings, including size and setting, 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 dual completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.*

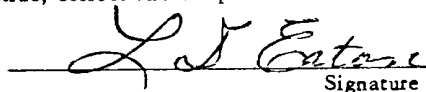
Yes d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed, it shall be submitted as provided by Rule 112-A.)

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

El Paso Natural Gas Company, Post Office Box 990, Farmington, New Mexico 87401

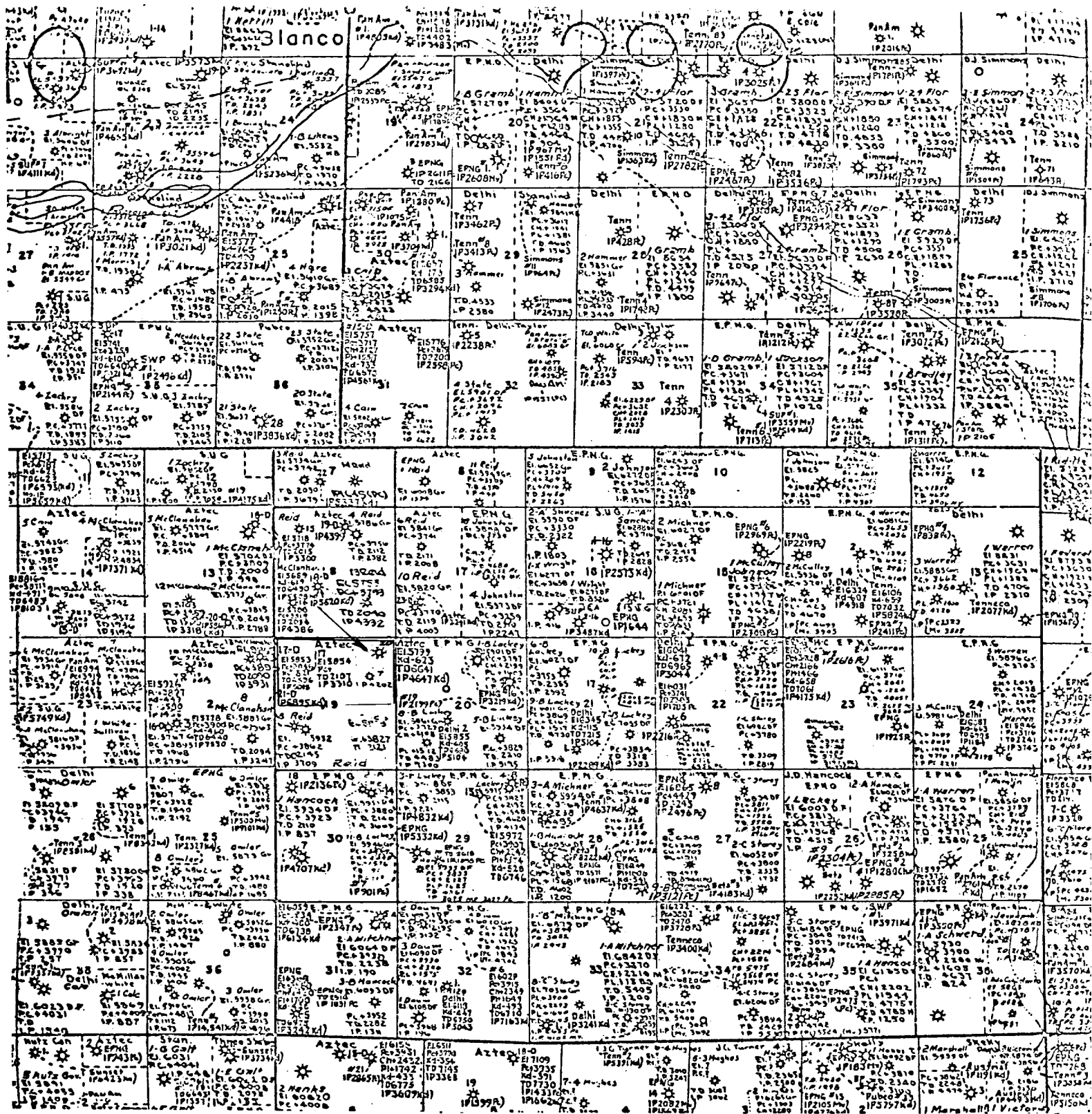
6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES X NO ____ . If answer is yes, give date of such notification February 2, 1972 .

CERTIFICATE: I, the undersigned, state that I am the Staff Engineer of the Aztec Oil & Gas 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.


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 dual 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.



AZTEC OIL & GAS COMPANY
Application for Dual Completion
Reid No. 20 (A) Sec. 19-28N-9W
San Juan County, New Mexico

AZTEC OIL & GAS COMPANY

2000 FIRST NATIONAL BANK BUILDING
DALLAS, TEXAS 75202

PRODUCTION DEPARTMENT

February 2, 1972

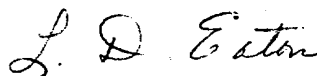
El Paso Natural Gas Company
Post Office Box 990
Farmington, New Mexico 87401

Re: Application for Dual Completion
Aztec Oil & Gas Company
Reid #20
NE NE Section 19-28N-9W
San Juan County, New Mexico

Gentlemen:

Enclosed please find Aztec Oil & Gas Company's Application for Administrative Approval to dually complete our Reid #20 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

LDE:bjr

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
Application for Dual Completion
Reid #20
NE NE Section 19-28N-9W
San Juan County, New Mexico

Mesaverde Production

Dakota Production

Top Cement
@ 1755'

DV Tool @ 2219'

8-5/8", 24#, J-55
Casing @ 322' w/225 sxs.

Block Squeeze
@ 4373' w/150
sxs. 4444' w/
200 sxs.

Top of Cement
@ 5480'

1" IJ Tubing set @ 4407'

Mesaverde Perfs:
4390-4440

1-1/2" IJ Tubing w/Seal Unit & Model F Nipple
Set in packer @ 6370'

Baker Model "D" Packer @ 6370'

Dakota Perfs:
6422-42
6483-6510

4-1/2", 9.5# &
11.6#, J-55
Csg. @ 6640 w/
250 sxs.

T.D. 6641'



AMERICAN WELL LOGGING COMPANY

E. NO.

COMPANY Aztec Oil & Gas Company

WELL Reid # 20-D

FIELD Dakota

COUNTY San Juan STATE New Mexico

LOCATION:

1030' FNL + 830' FEL

Other Services

None

SEC 19 TWP 28 N RGE 9W

FILE

Permanent Datum Ground Level Elev. 5844
g Measured from KB 12 ft. Above Permanent Datum
Logging Measured from KB 12 ft. Above GL

Elevations:
KB 5857
DF 5856
GL 5844

Site 11-6-60

Driller ONE

Depth—Driller 6641

Depth—Logger 6643

Bottom Logged Interval 6642

Depth Logged Interval 330

Logging—Driller 8 3/8 @ 327

Logging—Logger 330

Logging—Logger 7 1/8"

Logging—Logger Chemical

Logging—Logger Geol

Logging—Logger 9.5

Logging—Logger 89

Logging—Logger 7.5

Logging—Logger 1.4

Logging—Logger 1.4

Logging—Logger 1.4

Logging—Logger 1.4

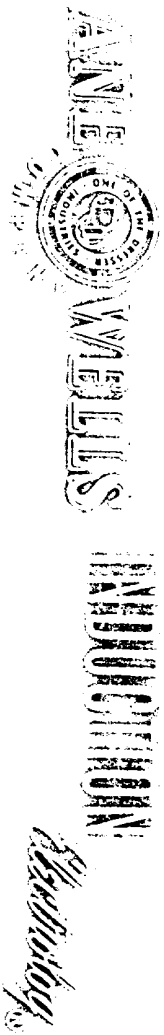
Logging—Logger 1.4

Logging—Logger 1.4

Logging—Logger 1.4

Logging—Logger 1.4

Logging—Logger 1.4



NO.

Field Print

FILE

COMPANY Aztec Oil & Gas Company

WELL Reid # 20-0

FIELD Dakota

COUNTY San Juan STATE New Mexico

LOCATION:

1030' FNL + 830' FEL

Other Services

SEC 19 TWP 28 N RGE 9W

Ground Level Elev. 5844

Measured from KB 12 Ft. Above Permanent Datum

Log Measured from KB 12' Above GL

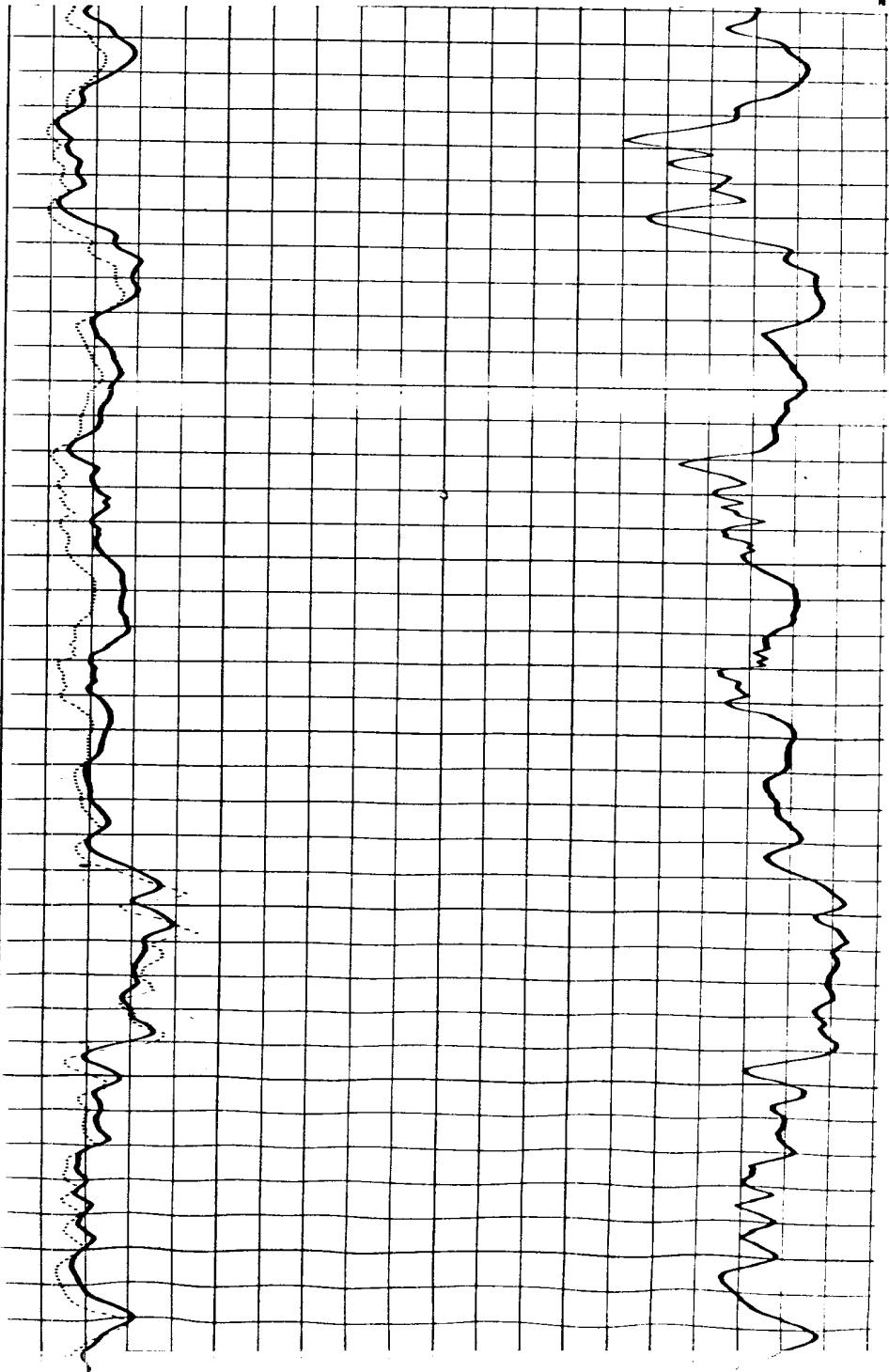
Elevations:

KB 5857

DF 5856

GL 5844

No.	<u>11-6-60</u>			
th—Driller	<u>ONE</u>			
th—Logger	<u>6641</u>			
om Logged Interval	<u>6643</u>			
Logged Interval	<u>6642</u>			
ing—Driller	<u>330</u>			
ing—Logger	<u>8 3/8 @ 327</u>			
Size	<u>330</u>			
e Fluid in Hole	<u>7 1/8"</u>			
	<u>Chemical</u>			
	<u>Gel</u>			
nally and Viscosity	<u>95</u> <u>89</u>			
l and Fluid Loss	<u>9</u> <u>75</u> cc			
urce of Sample	<u>Flow line</u>			
1 @ Meas. Temp.	<u>1.4 @ 75 °F</u>			
1 @ Meas. Temp.	<u>1.4 @ 75 °F</u>			
1 @ Meas. Temp.	<u>1.4 @ 75 °F</u>			
urce of Rmf and Rmc	<u>Measured</u>			
1 @ RHT	<u>0.91 @ 147 °F</u>			
2 Since Circ.	<u>5 1/2 hr.</u>			
Rec. Temp. Deg. F.	<u>147</u> °F			
ip. No. and Location	<u>4470</u> °F			
ided By	<u>Wright</u>			
essed By	<u>Donaldson</u>			



4200

4300

4400

4500

Point Lookout

