

OIL CONSERVATION COMMISSION
1000 Rio Brazos Rd.
Aztec, New Mexico

OIL CONSERVATION COMMISSION
BOX 871
SANTA FE, NEW MEXICO

DATE 11-7-68

RE: Proposed NSP _____

Proposed NSL _____

Proposed NFO _____

Proposed DC ✓

Gentlemen:

I have examined the application dated 11-4-68
for the Aztec Oil & Gas Co Block #4 H-34-31N-8W
Operator Lease and Well No. S-T-R

and my recommendations are as follows:

approve

Yours very truly,
Ernest C. Cuneo
OIL CONSERVATION COMMISSION

AZTEC OIL & GAS COMPANY

2000 FIRST NATIONAL BANK BUILDING

DALLAS, TEXAS 75202

PRENTICE WATTS
VICE PRESIDENT
PRODUCTION

November 4, 1968

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
Hale #4
SE NE Section 34-31N-8W
San Juan County, New Mexico

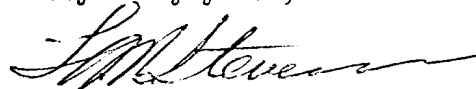
Gentlemen:

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 Hale #4 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 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. M. Stevens

LMS:bjr.

Attachments

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



APPLICATION FOR MULTIPLE COMPLETION

Operator Aztec Oil & Gas Company		County San Juan	Date November 4, 1968
Address 2000 First National Bank Bldg. Dallas, Texas 75202		Lease Hale	Well No. 4
Location of Well Unit H	Section 34	Township 31N	Range 8W

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 1689; Operator, Lease, and Well No.: Tenneco Oil Company
Florance #36, Unit H, Sec. 3-30N-8W

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Blanco Mesaverde		Basin Dakota
b. Top and Bottom of Pay Section (Perforations)	5254-5458		7501-7690
c. Type of production (Oil or Gas)	Gas		Gas
d. Method of Production (Flowing or Artificial Lift)	Flow		Flow

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

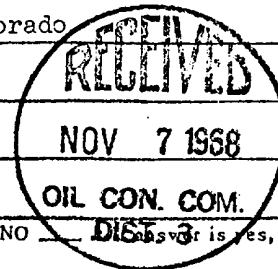
- ☒ a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and 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.

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

Pubco Petroleum Corporation, Box 869, Albuquerque, New Mexico

Tenneco Oil Company, Suite 1200 Lincoln Tower Bldg., Denver, Colorado



6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES ☒ NO ☐ If yes, give date of such notification November 4, 1968

CERTIFICATE: I, the undersigned, state that I am the Petroleum 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. M. Stevens L. M. Stevens
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.

AZTEC OIL & GAS COMPANY

2000 FIRST NATIONAL BANK BUILDING

DALLAS, TEXAS 75202

PRENTICE WATTS
VICE PRESIDENT
PRODUCTION

November 4, 1968

This letter mailed to each offset operator

RE: Application for Dual Completion
Aztec Oil & Gas Company
Hale #4
SE NE Section 34-31N-8W
San Juan County, New Mexico

Gentlemen:

Please find enclosed Aztec Oil & Gas Company's Application for Administrative Approval to dually complete our Hale #4 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. M. Stevens

LMS:bjr

Encl.

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

[illegible]

Schematic Diagram Showing
Dual Completion
Blanco Mesaverde-Basin Dakota
Aztec Oil & Gas Company
Hale #4
SE NE Section 34-31N-8W
San Juan County, New Mexico

Casing - 9-5/8" set @ 228' with 125 sxs.
Cement circulated.

Casing - 7" set @ 4921 with 225 sxs.
Top cement 3990'

Cemented through DV tool at 5096' with 90 sxs.
Top cement 4500'

Mesaverde Perforations:

5254-70
5350-80
5434-58

Squeezed through 2 perforations at 5000'. Squeezed
to 3000 psi with 750 sxs.

Sliding sleeve at 7463
2-3/8" tubing landed at 7467
Baker Model D packer landed 7467

Dakota Perforations:

7501-18
7550-57
7569-80
7598-7626
7660-90

PBTD 7745.

Casing - 4-1/2" set at 7775' with 170 sxs.
Top cement 7200'

TD 7775

SCHUMBERGER

INDUCTION GAMMA RAY LOG

FIELD or LOCATION WELL

COMPANY

COMPANY ATEC Oil & Gas Company

WELL HAE #4

FIELD BASIN CHOTA

COUNTY SAN JUAN STATE NEW MEXICO

LOCATION

20 S 1 N 10 S 1 E

Other Services:

Sec. 34 Twp. 31 N Rge. 8 W

FD-1
0-1

Meas. Datum:

Measured From 156 Elev. 118 Ft. Above Perm. Datum

Elev.: K.B. —

D.F. —
G.L. 6210

No. 101268

th—Driller DAVE

th—Logger 7721

Log Interval 7744

Log Interval 7688

ng—Driller 7 @ 144

ng—Logger 4317 @ 144

Size 4 1/2

Fluid in Hole GHE

ns. Visc. — ml — ml — ml

Fluid Loss — ml

Source of Sample —

@ Meas. Temp. — °F

@ Meas. Temp. — °F

@ Meas. Temp. — °F

@ Meas. Temp. — °F

@ Meas. Temp. — °F

@ Meas. Temp. — °F

@ Meas. Temp. — °F

FIELD

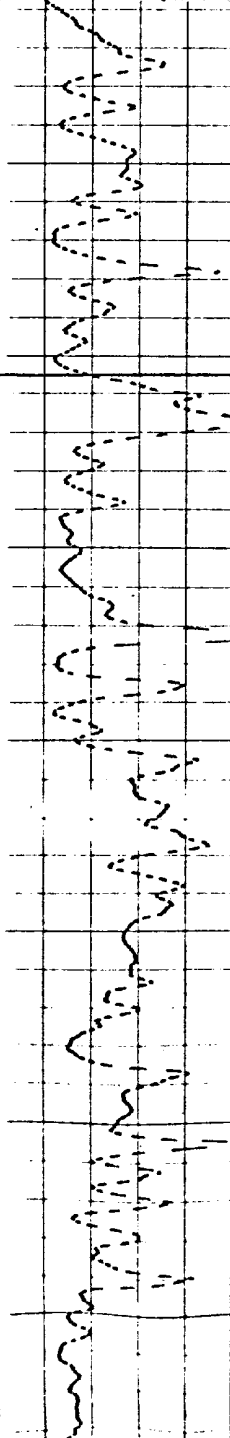
DATE

TIME

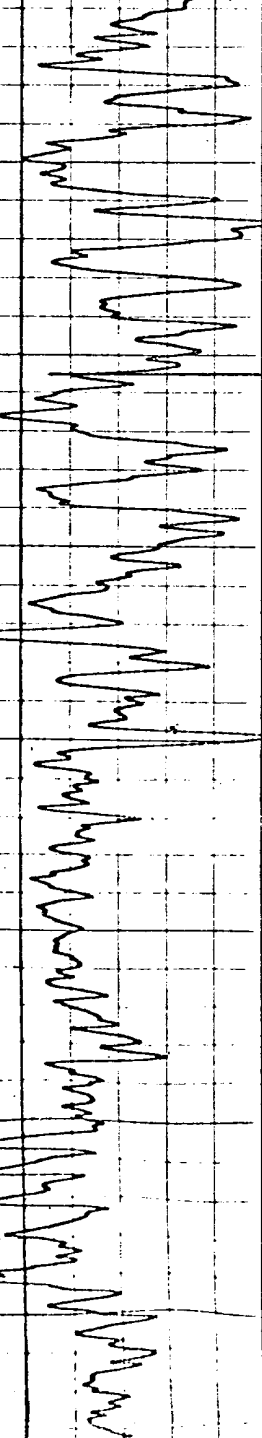
LOG

WELL

The well name, location and borehole reference data were furnished by the customer.



Point Log



5200

5300

5400

5500

CILINDER

INDUCTION - GALMIRA RAY LOG

LOCATION
WELL

COMPANY

COMPANY AT&T INDUSTRIAL COMPANY

WELL HASE #4

FIELD BASIN LHASA

COUNTY SAN JUAN STATE NEW MEXICO

LOCATION

203510 1051E

Sec. 34 Twp. 31N Rge. 8W

Other Services:

FD
0-1

Instrument Datum:

Measured From 150 10 Ft. Above Perm. Datum

Elev.: K.B. —

D.F. —

G.L. 6210

Log Measured From 110

to. 101468

Driller 1112

Logger 1121

Log Interval 1144

Driller 1121

Logger 1121

Log Interval 1144

Driller 1121

Logger 1121

Log Interval 1144

Driller 1121

Logger 1121

Log Interval 1144

Driller 1121

Logger 1121

Log Interval 1144

Driller 1121

Logger 1121

The well name location and borehole reference data were furnished by the customer.

