

AZTEC OIL & GAS COMPANY

2000 FIRST NATIONAL BANK BUILDING
DALLAS, TEXAS 75202

January 13, 1967

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

RE: Application for Dual Completion
Aztec Oil & Gas Company
Federal "M" #1
NW SW Section 27-T186-R33E
Lea County, New Mexico

Gentlemen:

Enclosed is our "Application for Dual Completion" for the subject well. A plat of the lease and sketch of the installation is also included. You have previously been furnished a copy of the electric log of this well.

Each offset operator has been furnished a copy of this application and waivers consenting to this dual have been requested.

Your review and approval of this application will be appreciated.

Very truly yours,

Prentice Watts

PW:bjr

Encls.

cc: New Mexico Oil Conservation Commission - Hobbs
USGS - Farmington
Each Offset Operator

110882 2880H
3. J. O. E. 1955 4 11 10 7 13 2
JAN 18 1 03 PM '57

1. The first part of the report is a description of the
the results of the investigation.

2. The second part of the report is a description of the
the results of the investigation.

3. The third part of the report is a description of the
the results of the investigation.

4. The fourth part of the report is a description of the
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5. The fifth part of the report is a description of the
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6. The sixth part of the report is a description of the
the results of the investigation.

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

7-3-58

HOBBS OFFICE O. C. C.

APPLICATION FOR DUAL COMPLETION

Jan 16 7 43 AM '67

Field Name	South Corbin Morrow Extension		County	Lea	Date	January 13, 1967
Operator	Aztec Oil & Gas Company		Lease	Federal M	Well No.	1
Location of Well	Unit	Section	Township	Range		
	L	27	18S	33E		

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 _____ NO X
2. If answer is yes, identify one such instance: Order No. _____ ; Operator, Lease, and Well No.:

3. The following facts are submitted:	Upper Zone	Lower Zone
a. Name of reservoir	Strawn	Morrow
b. Top and Bottom of Pay Section (Perforations)	12,256-314 ✓	13,138-200 ✓
c. Type of production (Oil or Gas)	Oil	Gas
d. Method of Production (Flowing or Artificial Lift)	Flow	Flow

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.

Continental Oil Company - Durango, Colorado

Pan American Petroleum Corp., Box 480, Farmington, New Mexico

John H. Trigg, 110 E. Third, Roswell, New Mexico

Roy H. Smith, 1728 First Wichita National Bldg., Wichita Falls, Texas

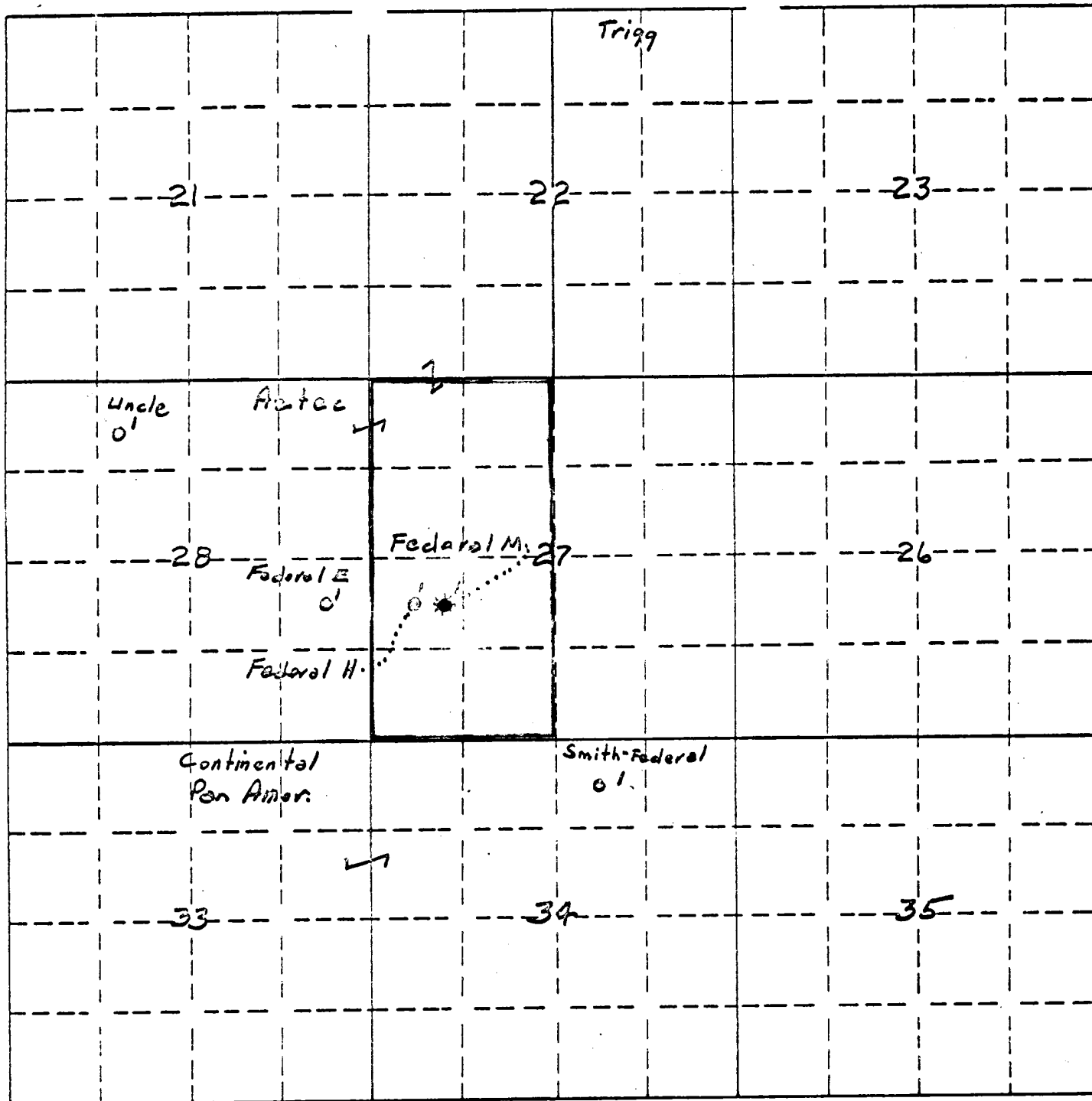
6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES X NO ____ . If answer is yes, give date of such notification January 12, 1967

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

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

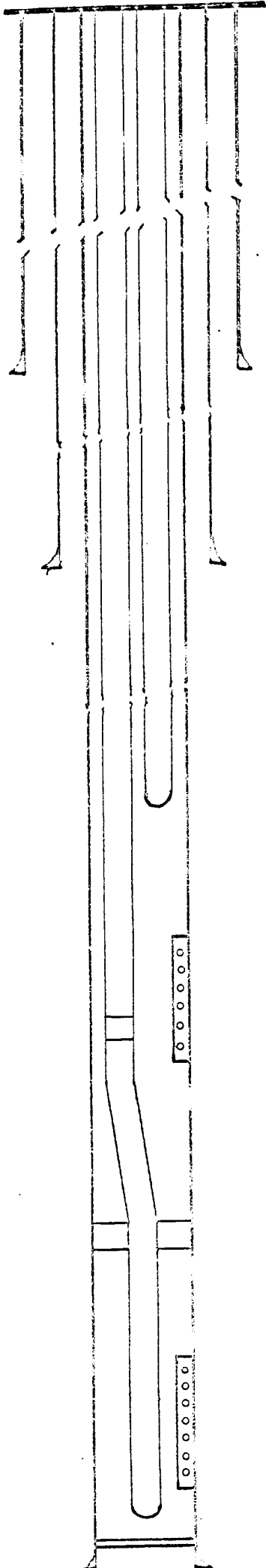


AZTEC

AZTEC OIL & GAS COMPANY					
AREA					
South Corbin					
LOCATION					
T18S-R33E L68 Co., N. Mex.					
TYPE OF MAP					
Location					
CONTOURED		C1			
By	Date	Revised By	Date	Reference	Date



AZTEC OIL & GAS COMPANY
Application for Dual Completion
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NW SW Section 27-T18S-R33E
Lea County, New Mexico



13-3/8" Casing set at 354' with
350 sxs. Cement Circulated.

8-5/8" Casing set at 5109' with
700 sxs. Top Cement at 2700'

2-1/16" Tubing Landed at 12,230'

Perforated Strawn 12,256-64, 12,273-80
and 12,296-314 with 4 HPF.

2-1/16" Sliding Sleeve at 13,060'

Baker Model "D" Packer set at 13,090'

2-1/16" Tubing Landed at 13,200'

Perforated Morrow 13,138-48, 13,156-70,
13,174-82 and 13,190-200 with 4 HPF.

PBTD 13,268

5-1/2" Casing set at 13,315 with
1250 sxs. Top Cement at 8665

TD 13,316'

FILE NO. COMPANY AZTEC OIL & GAS COMPANY

WELL FEDERAL "M" NO. 1

FIELD WILDCAT

COUNTY LEA STATE NEW MEXICO

LOCATION: 1980' FSL & 990' FWL

SEC 27 TWP 18-S RGE 33-E

Permanent Datum GROUND LEVEL Elev. 3790
Log Measured from K. B. 15 Ft. Above Permanent Datum
Drilling Measured from K. B. Elevations:
KB 3805
DF 3804
GL 3790

Date 1/3/67

Run No. ONE

Depth—Driller 13,316

Depth—Logger 13,315

Bottom Logged Interval 13,311

Top Logged Interval 5,100

Casing—Driller 8 5/8" 5110

Casf —Logger 7 7/8" 5118

Bit Size 7 7/8" MUD

Type Fluid in Hole

Density and Viscosity 11.2 48

pH and Fluid Loss 9.5 8 cc

Source of Sample PIT

Rm @ Meas. Temp. 3.2 @ 58 °F @ °F @ °F

Rmf @ Meas. Temp. 2.6 @ 58 °F @ °F @ °F

Rmc @ Meas. Temp. 3.8 @ 58 °F @ °F @ °F

Source of Rmf and Rmc MEAS. MEAS.

Rm @ BHT 1.1 @ 168 °F @ °F @ °F

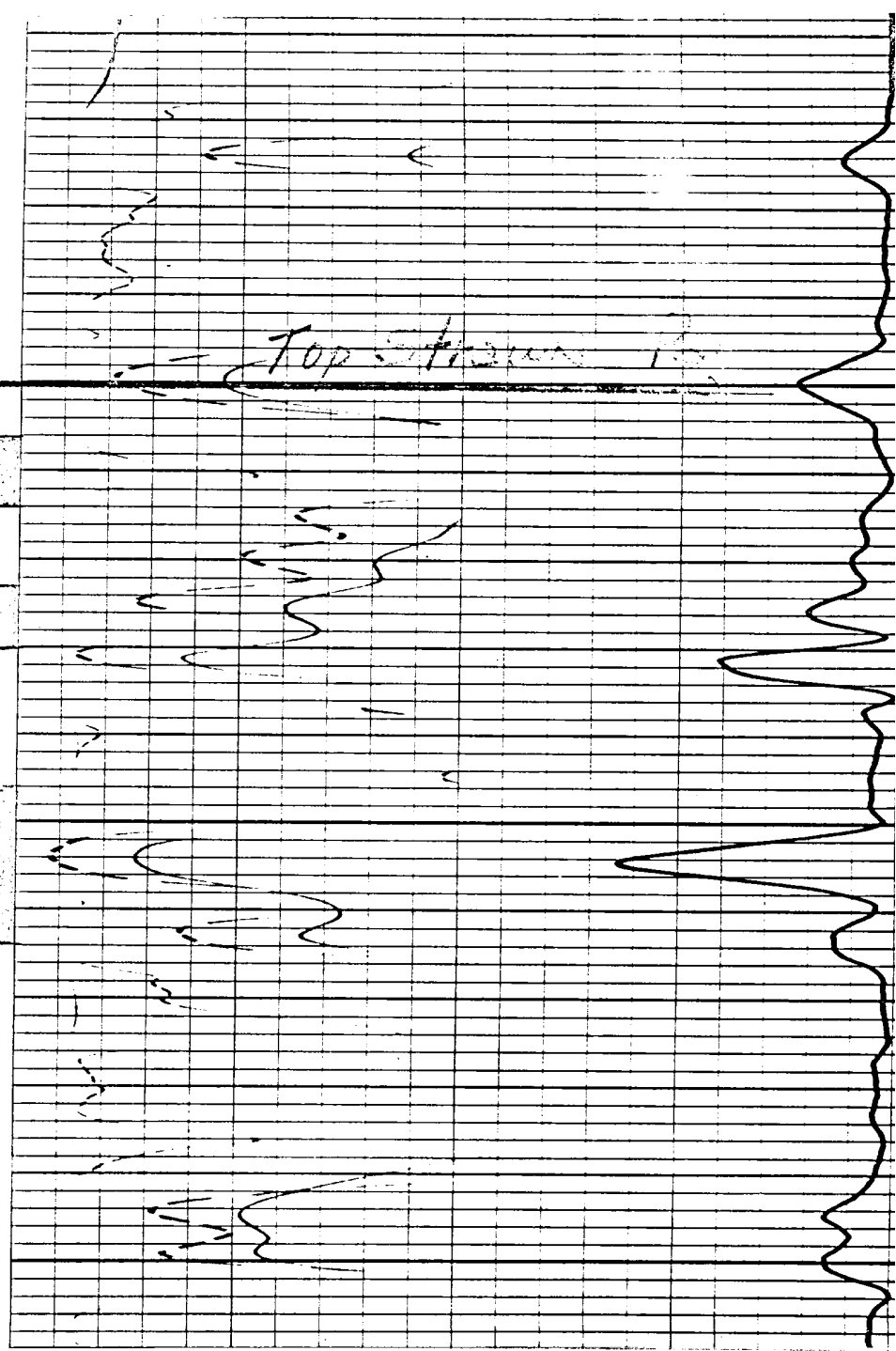
Time Since Circ.

Max. Rec. Temp. Deg. F. 168 °F

Equip. No. and location 4554 HOBR

Recorded By SCHLOTTERBACK

Witnessed By MR. DUKE & MR. THOMPSON



12300

FOLD HERE