

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

5-1-61

APPLICATION FOR MULTIPLE COMPLETION

Operator Aztec Oil & Gas Company		County Lea	Date April 21, 1967
Address 2000 First National Bank Bldg. Dallas, Texas		Lease Federal "A"	Well No. 1
Location of Well	Unit G	Section 27	Township 18S Range 33E

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. 2-2191; Operator, Lease, and Well No.:

Aztec Oil & Gas Company, Federal "A" L-27-18S-33E *see 3543*

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Strawn	Scott Carbon	Harrow
b. Top and Bottom of Pay Section (Perforations)	12,234-40		13,100-220
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)

- ☒ 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.

Superior Oil Co., Midland, Texas Box 1900

F. W. Estill, Kermit, Texas

Continental Oil Company, Box 460, Hobbs, New Mexico

Pan American, Box 480, Farmington, New Mexico

Mobil Oil Co., Box 1800, Hobbs, New Mexico

Box 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 ☒ NO ☐. If answer is yes, give date of such notification April 21, 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.

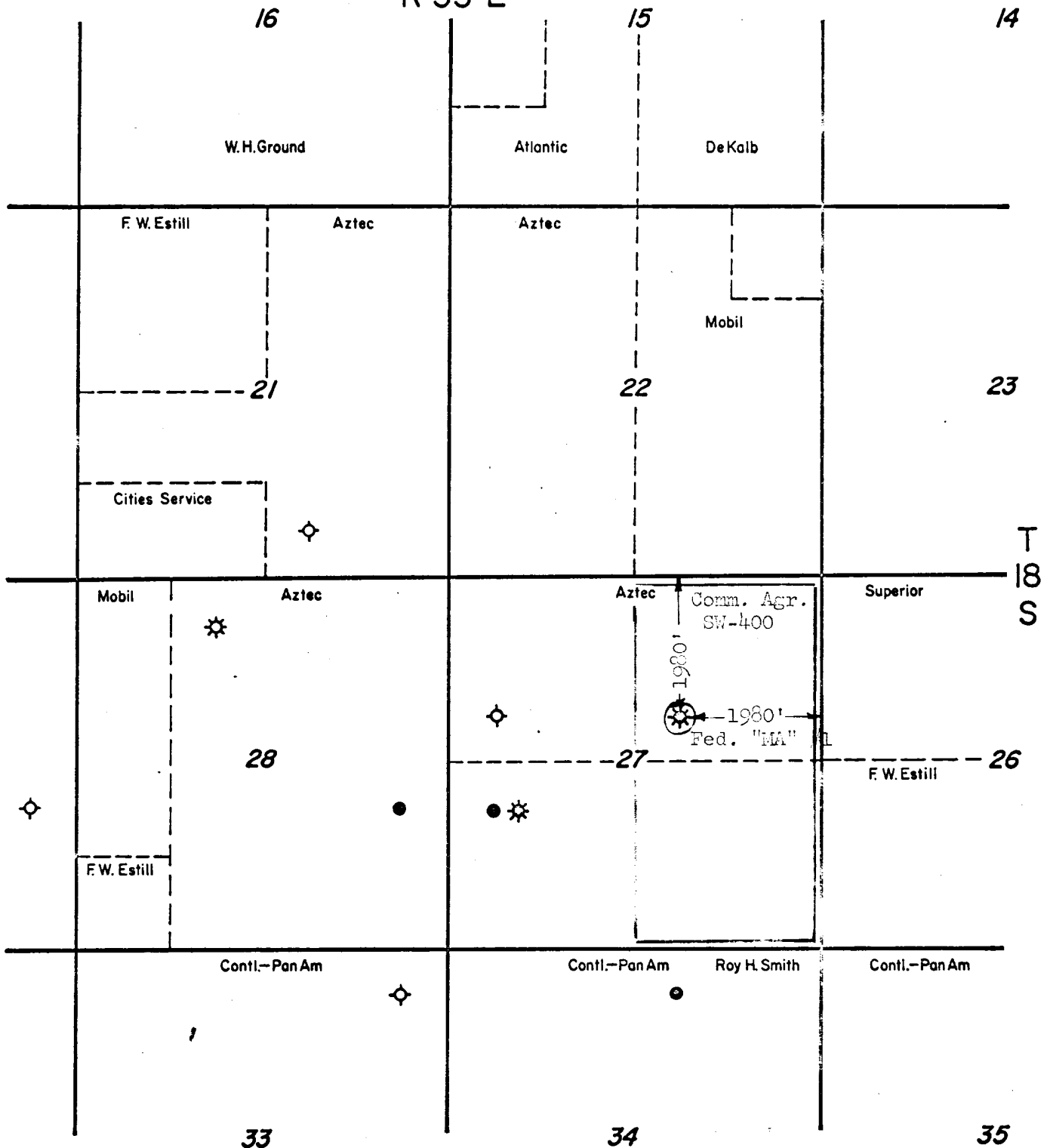
L.M. Stevens
Signature L.M. Stevens

* 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 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.

L_A COUNTY, NEW MEXICO

R-33-E



Application of Aztec Oil & Gas Company for
Administrative Approval to Dually
Complete Federal "MA" Well No. 1

AZTEC OIL & GAS COMPANY

Diagrammatic Sketch of Dual Completion

Federal "MA" No. 1
SW NE Section 27-T18S-R33E
Lea County, New Mexico

13-3/8", 48#, H-40 Casing
Set @ 393 w/300 sacks.
Cement circ. to surface

8-5/8", 32#, J-55 Casing
Set @ 5099 w/900 sacks
Top Cement 2740

Strawn Perforations

12,234-48

2-1/16" OD N-80 GST Tubing
Set @ 12,251. Tbg. ID 1.750"

Baker "ER" Tubing Recpt.
Baker - PSI Model "L" Sleeve @ 13,027

Baker Model "D" Packer @ 13,030

Baker - PSI Model "F" Nipple @ 13,033

Morrow Perforations

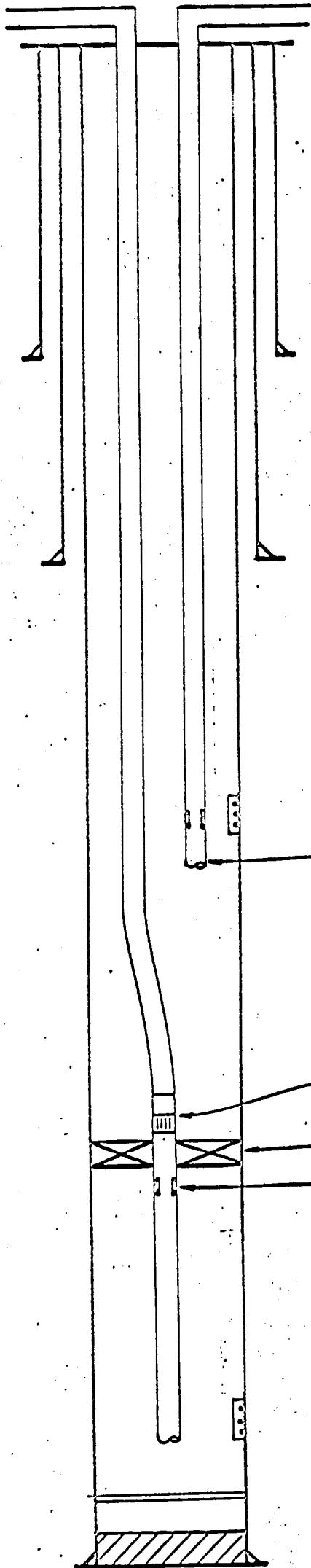
13,198-220

2-1/16" OD N-80 GST Tubing
Set @ 13,222 . Tbg. ID 1.750"

Bridge Plug @ 13,242

5-1/2", 20#, N-80 & P-110 Casing
Set @ 13,509 w/1000 sacks.
Top of Cement @ 9100'

TD 13,510
PBTD 13,242



T/A/V/N/G WELLS

Production
Technology

DIVISION OF PROSSED INDUSTRIES INC.

FILE NO.

COMPANY AZTEC OIL & GAS COMPANY

WELL FEDERAL "MA" NO. 1

FIELD UNDESIGNATED

COUNTY LEA STATE NEW MEXICO

LOCATION: 1980' FNL & 1980' FEL

Other Services
G/R-A/L-N/N
M/L-CALIPER

SEC 27 TWP 18-S RGE 33-E

Permanent Datum GROUND LEVEL Elev. 3808

Log Measured from K. B. 15 Ft. Above Permanent Datum

Elevations:
KB 3823
DF 3822
CL 3808

Drilling Measured from K. B.

Date 3-29-67

Run No. ONE

Depth—Driller 13,510

Depth—Logger 13,508

Bottom Logged Interval 13,504

Top Logged Interval 8,500

Casing—Driller 8 5/8" 5099

Casing—Logger 5108

Bit Size 7 7/8"

Type Fluid in Hole

CMC-GEL CAUSTIC

Density and Viscosity 11.3 53

pH and Fluid Loss 8.5 4.4 cc

Source of Sample CIRCULATED

Rm @ Meas. Temp. 1.05 @ 80 °F

Rmf @ Meas. Temp. 0.65 @ 80 °F

Rmc @ Meas. Temp. 1.35 @ 80 °F

Source of Rmf and Rmc MEAS. MEAS.

Rm @ BHT 0.5 @ 163 °F

Time Since Circ.

Max. Rec. Temp. Deg. F. 163 °F

Equip. No. and Location 1222 HOBBS

Recorded By SHANKS

Witnessed By MR. DONALDSON

