

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
APPLICATION FOR MULTIPLE COMPLETION

Form C-107
5-1-61

Operator Shell Oil Company (Western Division)		County Lea	Date September 22, 1966
Address Box 1509, Midland, Texas - 79701		Lease Antelope Ridge Unit	Well No. 1
Location of Well	Unit N	Section 27	Township 23-S
			Range 34-E

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 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	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Antelope Ridge Morrow		Antelope Ridge Devonian
b. Top and Bottom of Pay Section (Perforations)	13,225' 13,237'		14,655' 14,832' (Open Hole)
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 check YES or NO)

Yes	No	
<input type="checkbox"/>	<input type="checkbox"/>	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.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	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.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	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.*
<input checked="" type="checkbox"/>	<input type="checkbox"/>	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.

Pan American Petroleum Corporation	P.O. Box 1540, Midland, Texas
Continental Oil Company	P.O. Box 1377, Roswell, New Mexico
Sunray D-X Oil Company	P.O. Box 128, Hobbs, New Mexico
S. G. Horne, Jr.	600 N. Wyoming, Roswell, New Mexico
Superior Oil Company	P.O. Box 1900, Midland, 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 **September 27, 1966**.

CERTIFICATE: I, the undersigned, state that I am the **Division Production Manager** of the **Shell Oil 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.

[Signature]

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



SHELL OIL COMPANY

WESTERN DIVISION
P. O. BOX 1509
MIDLAND, TEXAS 79704

SEP 27 1966

September 27, 1966

Re: Antelope Ridge Unit
Antelope Ridge Morrow/Pennsylvanian Pool
Unit Well No. 1
660 Feet FSL and 1980 Feet FWL, Section 27
T-23-S, R-34-E, Lea County, New Mexico

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

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

Gentlemen:

As Operator of the Antelope Ridge Unit, Shell Oil Company respectfully requests administrative approval to dually complete our Antelope Ridge Unit No. 1, located 660 feet from the south line and 1980 feet from the west line of Section 27, T-23-S, R-34-E, Lea County, New Mexico, and to dedicate the S/2 of Section 27 to Unit Well No. 1 in accordance with Statewide Rule 104.

The well is currently producing as an Antelope Ridge Devonian single. We propose to dually complete this well as a conventional gas-gas dual in the Antelope Ridge Pennsylvanian Morrow (Upper) and Antelope Ridge Devonian (Lower) zones. Each zone will be produced through parallel tubing strings. The Oil Commission has previously authorized a similar dual completion in the same formations as proposed, Re: Antelope Ridge Unit No. 2, Case No. 3125, R-2787.

Copies of this application are being sent by Certified Mail to all offset operators.

You will notice from the schematic diagram that the dual packer set at 11,700 feet is not in accordance with Statewide Rule 107(d) 3. We feel that this arrangement is necessary in view of the existing casing design and tubing requirements, that this mechanical installation is consistent with good conservation practices, and that no waste will be caused. The gas produced from the upper zone is non-corrosive and will not endanger the exposed casing in any way. In view of the circumstances and in accordance with Statewide Rule 107(d) 4, we request an administrative exception to the rule in this case.

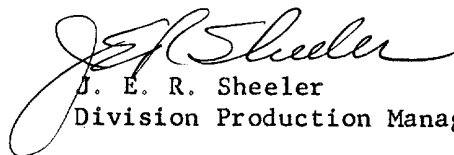
New Mexico Oil Conservation Commission
Santa Fe, New Mexico

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Re: Antelope Ridge Unit
Antelope Ridge Morrow/Pennsylvanian Pool
Unit Well No. 1

If additional information is desired, please contact this office.

Yours very truly,



J. E. R. Sheeler
Division Production Manager

DTS:CW

Attachments

cc: New Mexico Oil Conservation Commission
Hobbs, New Mexico 88240

Copies sent by Certified Mail to:

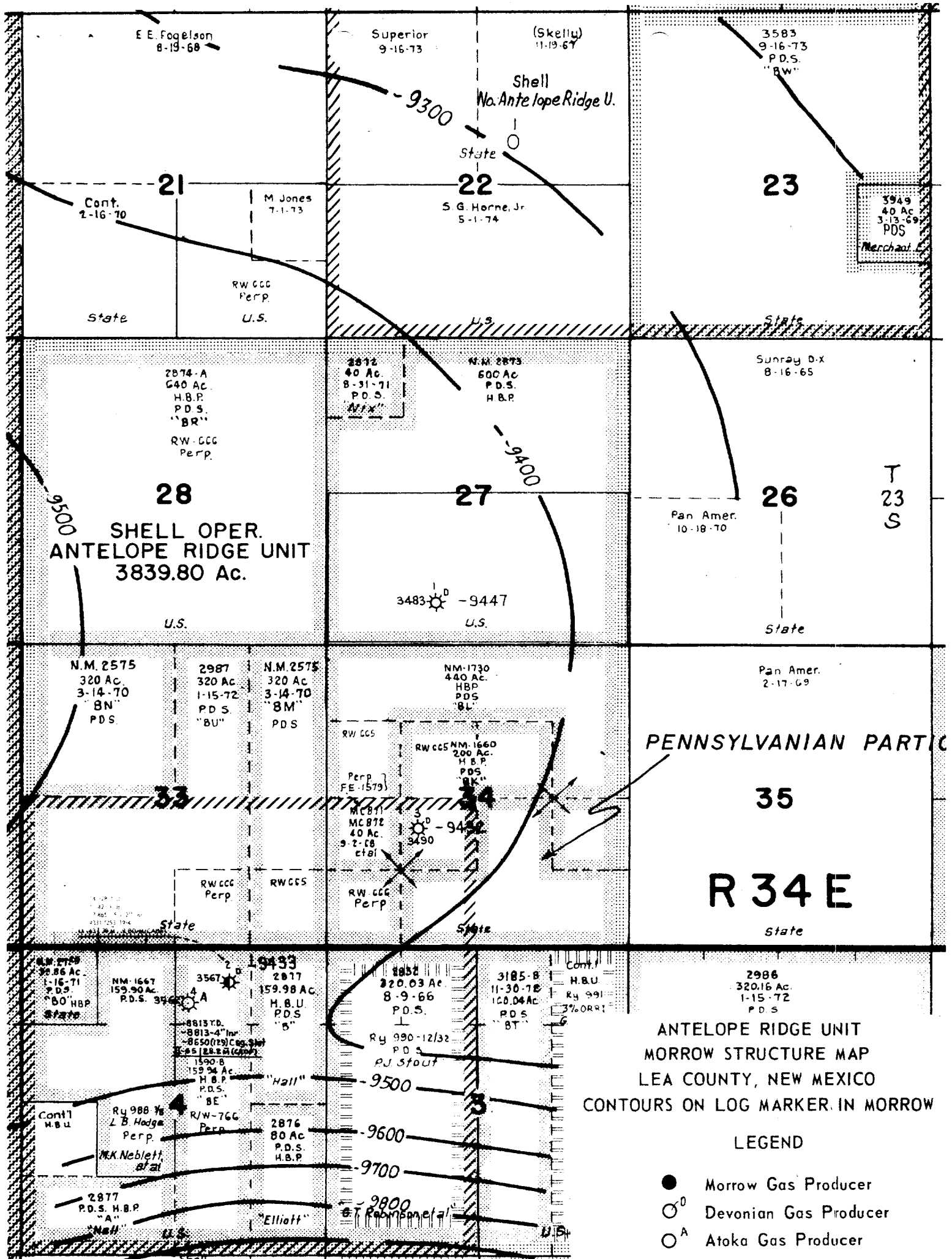
Pan American Petroleum Corporation
P. O. Box 1546
Midland, Texas 79701

S. G. Horne, Jr.
600 North Wyoming
Roswell, New Mexico 88201

Continental Oil Company
P. O. Box 1377
Roswell, New Mexico 88201

Sunray D-X Oil Company
P. O. Box 128
Hobbs, New Mexico 88240

Superior Oil Company
P. O. Box 1900
Midland, Texas 79701



SHELL OIL CO
 ANTELOPE RIDGE UNIT No. 1
 PROPOSED DUAL COMPLETION
 ANTELOPE RIDGE PENN. & DEV.
 SEC. 27, T. 29 S, R. 34 E, LEA Co. N.M.

