

ADMINISTRATIVE ORDER  
OF THE OIL CONSERVATION DIVISION

Under the provisions of Rule 112-A Tenneco Oil Company made application to the New Mexico Oil Conservation Division on March 10, 1981, for permission to dually complete its Montoya Well No. 25-1M located in Unit D of Section 25, Township 32 North, Range 13 West, NMPM, San Juan County, New Mexico, in such a manner as to permit production of gas from the Blanco Mesaverde Pool and the Basin-Dakota Pool.

Now, on this 18th day of May, 1981, the Division Director finds:

(1) That application has been filed under the provisions of Rule 112-A of the Division's Rules and Regulations;

(2) That satisfactory information has been provided that all operators of offset acreage have been duly notified;

(3) That no objections have been received within the waiting period as prescribed by said rule;

(4) That the proposed dual completion will not cause waste nor impair correlative rights; and

(5) That the mechanics of the proposed dual completion are feasible and consonant with good conservation practices.

IT IS THEREFORE ORDERED:

That the applicant herein, Tenneco Oil Company, be and the same is hereby authorized to dually complete its Montoya Well No. 25-1M located in Unit D of Section 25, Township 32 North, Range 13 West, NMPM, San Juan County, New Mexico, in such a manner as to permit production of gas from the Blanco Mesaverde Pool and the Basin-Dakota Pool through parallel strings of tubing.

PROVIDED HOWEVER, That applicant shall complete, operate, and produce said well in accordance with the provisions of Rule 112-A.

PROVIDED FURTHER, That applicant shall take packer-leakage tests upon completion and annually thereafter.

IT IS FURTHER ORDERED: That jurisdiction of this cause is hereby retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

JOE D. RAMEY  
Division Director

SEAL





OIL CONSERVATION DIVISION  
AZTEC DISTRICT OFFICE

1000 RIO BRAZOS ROAD  
AZTEC, NEW MEXICO 87410  
(505) 334-6178

OIL CONSERVATION DIVISION  
BOX 2088  
SANTA FE, NEW MEXICO 87501

DATE 3-4-81

RE: Proposed MC X  
Proposed DHC \_\_\_\_\_  
Proposed NSL \_\_\_\_\_  
Proposed SWD \_\_\_\_\_  
Proposed WFX \_\_\_\_\_  
Proposed PMX \_\_\_\_\_

Gentlemen:

I have examined the application dated 3-4-81

for the Seismic  
Operator

Montezuma 25 #1M  
Lease and Well No.

D-25-32N-13W  
Unit, S-T-R

and my recommendations are as follows:

Approve  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Yours truly,

Frank J. Long

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

Form C-107  
5-1-61

Operator <b>Tenneco Oil Company</b>		County <b>San Juan</b>		Date <b>2/24/81</b>
Address <b>Box 3249, Englewood, CO 80155</b>		Lease <b>Montoya</b>		Well No. <b>25-1M</b>
Location of Well <b>D</b>	Unit <b>D</b>	Section <b>25</b>	Township <b>32N</b>	Range <b>13W</b>

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	Mesaverde		Dakota
b. Top and Bottom of Pay Section (Perforations)	4551-4678'		6782-6988'
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 checked="" 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.

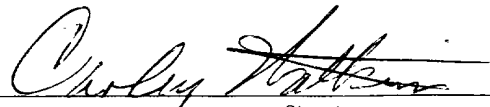
Supron, P.O. Box 808, Farmington, New Mexico 87401

Consolidated Oil & Gas, Inc., 1860 Lincoln St., Suite 1300, Lincoln Tower Bldg, Denver, CO 80295

Monsanto Company, Suite 500, 700 S. Colorado Blvd., Denver, CO 80222

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES X NO \_\_\_\_\_ Answer is yes, give date of such notification February 25, 1981.

CERTIFICATE: I, the undersigned, state that I am the Asst. Div. Adm. Mgr. of the Tenneco 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

\*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.

[illegible]

LEASE Montoya 25  
WELL NO. 1M

9-5/8 "OD, 36 LB, K-55 CSG. W/ 250 SX

TOC @ surface.

7 "OD, 23 LB, K-55 CSG. W/ 1124 SX

TOC @ surface 2 stages good circ throughout  
DV @3885' 2nd stage circ to surface

4-1/2 "OD, 10.5 LB, K-55 CSG. W/ 300 SX

TOC @ 5105' Rev out 5 bbl cmt.

#### DETAILED PROCEDURE

1. MIRUSU. Install BOP.
2. DO to within 5' of guide shoe.
3. Test csg to 3500 psi.
4. Circulate hole w/1% KCl water. Spot 500 gals 7-1/2% DI HCL @6988'.
5. POOH w/tbg.
6. Run GR/CCL.
7. Perforate Dakota as follows w/3-1/8" premium charge csg gun using 2 JSPF:
 

6782-6800'	6926-6930'
6860-6870'	6976-6988'
6898-6902'	

 Total 48' or 96 holes.
8. Acidize Dakota perfs w/2000 gals 15% HCL weighted w/600# NACL/1000 gal acid & 144 - 1.1 specific gravity balls.
9. RIH w/WL junk basket to PBD to knock balls off.
10. POOH w/junk basket.
11. Frac w/40# cross-linked gel in 1% KCl water as follows:
 

10,000 gal pad
10,000 gal w/1 ppg 20/40 sd
15,000 gal w/2 ppg 20/40 sd
5,000 gal w/2 ppg 10/20 sd
10,000 gal pad w/48 balls
10,000 gal w/1 ppg 20/40 sd
15,000 gal w/2 ppg 20/40 sd
5,000 gal w/3 ppg 10/20 sd

 Flush to top perf. Desired pressure = 3000 psi  
 Total sand: 80,000# 20/40  
               25,000# 10/20  
 Total Gel: 80,000 gal
12. SI overnight.
13. RIH w/tbg, SN & pump out plug.
14. CO to PBD w/foam.
15. Land tbg w/bottom of tbg in top set of perfs in BOP's.
16. Kick well around w/N<sub>2</sub>.
17. Flow until clean-up.
18. Kill well with 1% KCl wtr. Check PBD.
19. Set Model D pkr w/expendable plug on WL @5000'.
20. Dump 2 sxs sand. Load hole w/1% KCl wtr & pressure test pkr & csg to 3000 psi.
21. Spot 500 gal 7-1/2% DI HCL @4678'.
22. Perf Mesaverde w/4" premium charge csg gun & 1 JSPF as follows:
 

4551-4556'	4608-4630'
4564-4593'	4652-4660'
4600-4604'	4674-4678'

 Total 72' or 72 holes.

2 3/8" tbg @  
4607'

4551

4678

MODEL D  
PKR @ 5000'

5105

5265

2 3/8" tbg.  
set @ 6785'

6782

6988

7010'

7020

278'