

APPLICATION FOR MULTIPLE COMPLETION

Operator Union Oil Company of Calif. - Rio Arriba - Date March 13, 1998
Address P.O. Box 671-Midland, TX - Rincon Unit- Well No. 166-E
Location of Well F Unit 32 Section 27N Township 6W Range

All Applicants for multiple completion must complete Items 1 and 2 below.

1. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone	Downhole Commingled
a. Name of Pool and Formation	<u>Blanco Pictured Cliffs</u>		<u>Blanco Mesa Verde</u>	<u>Dakota</u>
b. Top and Bottom of Pay Section (Perforations)	<u>3134'-54'</u>		<u>4876'-7570'</u>	
c. Type of production (Oil or Gas)	<u>Gas</u>		<u>Gas</u>	
d. Method of Production (Flowing or Artificial Lift)	<u>Flowing</u>		<u>Flowing</u>	
e. Daily Production ☒ Actual <u>Mesa Verde/Dak</u> ☒ Estimated <u>PC.</u> Oil Bbls. Gas MCF Water Bbls.	<u>Est. 400 MCFPD</u>	RECEIVED MAR 16 1998 OIL CON. DIV DIST. 3	<u>Actual 282 MCFPD</u>	

2. The following must be attached:

- 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.
- 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.
- 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.)

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

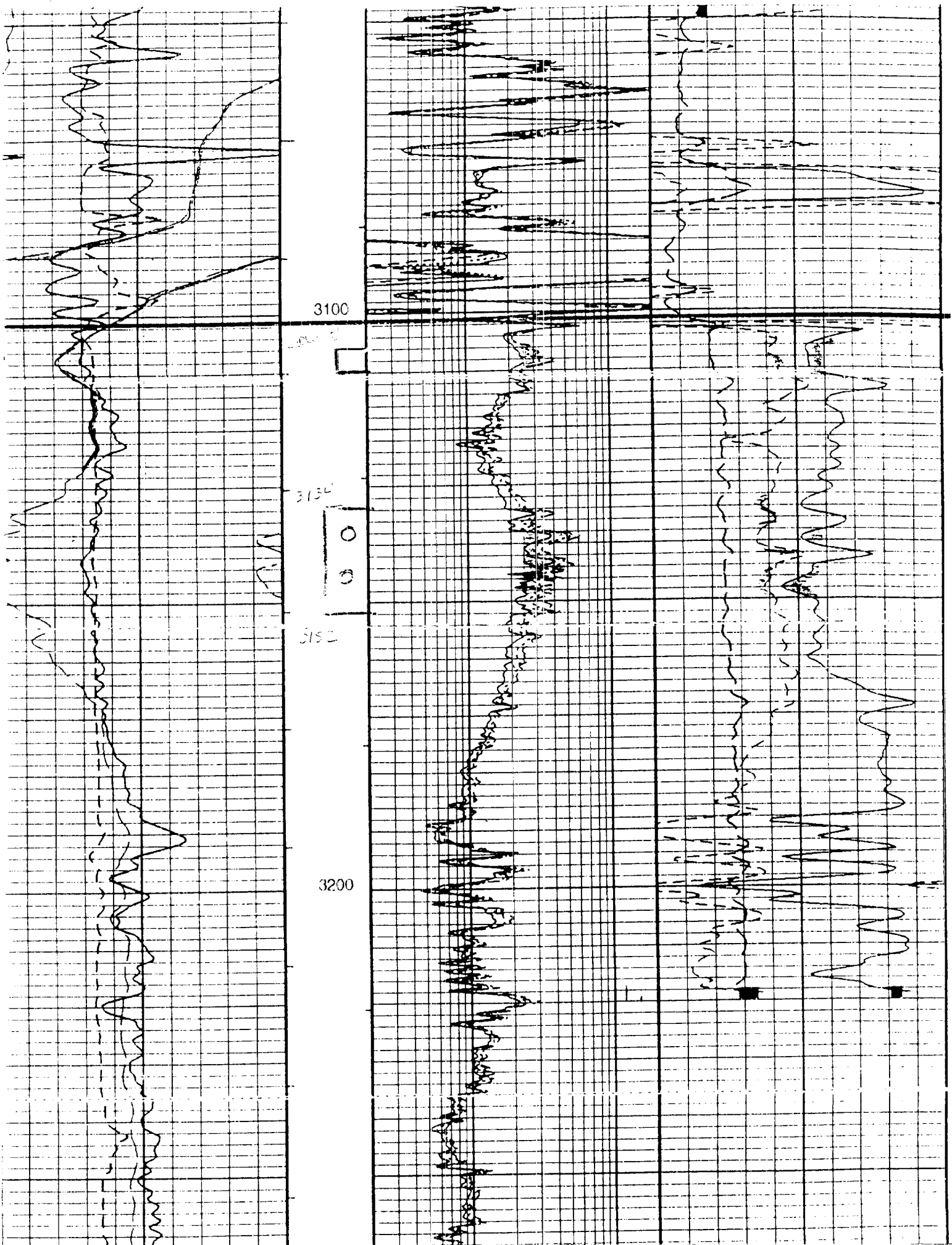
Signed Charlotte Benson Title Regulatory Clerk Date 3-13-98

(This space for State Use)

Approved By ORIGINAL SIGNED BY ERNIE BUSH Title DEPUTY OIL & GAS INSPECTOR, DIST. #3 Date MAR 16 1998

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.

WELL: RINCON UNIT #166E
LOCATION: 1815' FNL 1840' FWL Sec. 32 T27N R6W SE NW
COUNTY: Rio Arriba
STATE: NM
PRODUCING FORMATION: Dakota/Mesaverde/Pictured Cliffs
SPUD DATE: 9/8/95
COMPL DATE: 11/5/95
RECOMPL DATE:
Elevation = 6650'
KB = 14'
Updated: 3/9/98
9-5/8", 36#, K-55 @ 370'
Cmt w/ 225 sxs, Circ. to Surface
Long String: 2 3/8" +bg @ 7560' (FHD)
Short String: 2 3/8" +bg @ 3151' (FHD)
Pictured Cliffs Perfs: 3134-3154'
3134-3154 w/ 2 spf
Frac w/ 417 bbls 70Q N2 foam and 20# linear gel, 134,800# 20/40 Arizona sand
Pkr. @ 3488' - Guib. G-6 pkr.
Cliff House Mesaverde Perfs: 4876 -4940'
4876-4884, 4934-4940 w/ 2 spf
Frac w/ 936 bbls slickwtr, 47,000# 16/30 Brady sand
Point Lookout Mesaverde Perfs: 5364 - 5485'
5364-67, 5374-77, 5395-96, 5409-13, 5446-50, 5453-56, 5459-63, 5482-85 w/ 1 spf
Frac w/ 1537 bbls slickwtr, 61,000# 16/30 Brady sand
Graneros perfs: 7356 - 7404'
7356-68, 7398-7404 w/ 2 spf
Frac w/ 900 bbls 35# X gel, 94,500# 20/40 Ottawa sand
Dakota perfs: 7483 - 7570'
7483-94, 7528-32, 7536-44, 7554-70 w/ 2 spf
Frac w/ 1830 bbls 35# X gel, 200,000# 20/40 Ottawa sand
7", 23 & 26#, K-55 @ 7658'
TD = 7760' Cmt w/ 625 sxs 1st stg. cir'd 50 sxs, 725 sxs 2nd stg, cir'd 100 sxs cmt to surf.
**DV Tool
@ 5126'**
**PBTD
@ 7612'**



District I
PO Box 1980, Hobbs, NM 88241-1980

District II
811 South First, Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-039-25483		Pool Code 72439	Pool Name Blanco Pictured Cliffs South
Property Code 011510	Property Name Rincon Unit		Well Number 166E
OGRID No. 023708	Operator Name Union Oil Company of California		Elevation 6650

Surface Location

UL or lot no. F	Section 32	Township 27N	Range 6W	Lot Idn	Feet from the 1815	North/South line north	Feet from the 1840	East/West Line west	County Rio Arriba
--------------------	---------------	-----------------	-------------	---------	-----------------------	---------------------------	-----------------------	------------------------	----------------------

Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West Line	County
---------------	---------	----------	-------	---------	---------------	------------------	---------------	----------------	--------

Dedicated Acres 160.00	Joint or Infill	Consolidation Code	Order No.
---------------------------	-----------------	--------------------	-----------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

				OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i> Signature Charlotte Beeson Printed Name Regulatory Clerk Title 03-05-98 Date		
				SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i> Date of Survey Signature and Seal of Professional Surveyer: Certificate Number		

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-88

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO. 30-039-25483
Indicate Type of Lease STATE ☒ FEE ☐
State Oil & Gas Lease No.
Lease Name or Unit Agreement Name Rincon Unit
Well No. 166E
Pool name or Wildcat Blanco Dakota/Mesa Verde

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
Type of Well: OIL WELL ☐ GAS WELL ☒ OTHER ☐	
Name of Operator Union Oil Company of California	
Address of Operator P. O. Box 871-Midland, TX 79702	
Well Location Unit Letter <u>F</u> : <u>1815</u> Feet From The <u>north</u> Line and <u>1840</u> Feet From The <u>west</u> Line Section <u>32</u> Township <u>27N</u> Range <u>6W</u> NMPM <u>Rio Arriba</u> County Elevation (Show whether DF, RKB, RT, GR, etc.) <u>6850' GR</u>	

11

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
 PULL OR ALTER CASING ☐
 OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
 COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
 CASING TEST AND CEMENT JOB ☐
 OTHER: DHC ☒

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent details, including estimated date of starting any proposed work) SEE RULE 1103.

Rincon Unit Well No. 166E has been downhole commingled in the Dakota/Mesa Verde pools as per DHC Order No. 1784 dated 2-24-98. Perforations for subject well are as follows: Cliff House Mesa Verde 4876'-4940', Point Lookout Mesa Verde 5364'-5485', Graneros 7356'-7404' & Dakota 7483'-7570'. 2 3/8" tbg is set at 7560' w/dual packer set at 3488'. Rincon Unit Well No. 166E is a dually completed well w/upper completion in the Blanco Pictured Cliff pool with perforations at 3134'-3154' and 2 3/8" tbg set at 3161'.

RECEIVED
MAR 18 1998

OIL CON. DIV.
DIST. 3

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Charlotte Beeson TITLE Regulatory Clerk DATE 03-16-98

TYPE OR PRINT NAME Charlotte Beeson TELEPHONE NO. 915 685-7607

(This space for State Use)

APPROVED BY Original Signed by FRANK T. CHAVEZ TITLE SUPERVISOR DISTRICT # 3 DATE MAR 18 1998
 CONDITIONS OF APPROVAL, IF ANY:

SPIRIT ENERGY 76

PERMIAN/ROCKY MTN ASSET

UNOCAL

WELL: RINCON UNIT #166ELOCATION: 1815' FNL 1840' FWL Sec. 32 T27N R6W SE NWCOUNTY: Rio ArribaSTATE: NMPRODUCING FORMATION: Dakota/Mesaverde/Pictured Cliffs

SPUD DATE: 9/8/95
 COMPL DATE: 11/5/95
 RECOMPL DATE:
 Elevation = 6650'
 KB = 14'
 Updated: 3/9/98

9-5/8", 36#, K-55 @ 370'
 Cmt w/ 225 sxs, Circ. to Surface

Long String: 2 3/8" +bg @ 7560' (FHD)

Short String: 2 3/8" +bg @ 3151' (FHD)

Pictured Cliffs Perfs: 3134-3154'

3134-3154 w/ 2 spf

Frac w/ 417 bbls 70Q N2 foam and 20# linear gel, 134,800# 20/40 Arizona sand

Pkr. @ 3488' - Grub. G-L pkr.

Cliff House Mesaverde Perfs: 4876 - 4940'

4876-4884, 4934-4940 w/ 2 spf

Frac w/ 936 bbls slickwtr, 47,000# 16/30 Brady sand

Point Lookout Mesaverde Perfs: 5364 - 5485'

5364-67, 5374-77, 5395-96, 5409-13, 5446-50,

5453-56, 5459-63, 5482-85 w/ 1 spf

Frac w/ 1537 bbls slickwtr, 61,000# 16/30 Brady sand

Graders perfs: 7356 - 7404'

7356-68, 7398-7404 w/ 2 spf

Frac w/ 900 bbls 35# X gel, 94,500# 20/40 Ottawa sand

Dakota perfs: 7483 - 7570'

7483-94, 7528-32, 7536-44, 7554-70 w/ 2 spf

Frac w/ 1830 bbls 35# X gel, 200,000# 20/40 Ottawa sand

7", 23 & 26#, K-55 @ 7658'

TD = 7760' Cmt w/ 625 sxs 1st stg. cir'd 50 sxs, 725 sxs 2nd stg. cir'd 100 sxs cmt to surf.

DV Tool
 @ 5126'

PBTD
 @ 7612'

RU_166E