

Submit 3 Copies  
to Appropriate  
District Office

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-103  
Revised 1-1-89

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  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

WELL API NO. 30-039-06803
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. E-290-3
7. Lease Name or Unit Agreement Name Rincon Unit
8. Well No. 166
9. Pool name or Wildcat Basin Dakota
10. Elevation (Show whether DF, RKB, RT, GR, etc.)

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.)

1. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER
2. Name of Operator Union Oil Co. of Calif.
3. Address of Operator P. O. Box 671 - Midland, TX 79702
4. Well Location Unit Letter K : 1850 Feet From The south Line and 1750 Feet From The west Line Section 32 Township 27N Range 6W NMPM Rio Arriba County

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
PLUG AND ABANDON <input checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
CHANGE PLANS <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER: <input type="checkbox"/>
OTHER: <input type="checkbox"/>	OTHER: <input type="checkbox"/>

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

SEE ATTACHED PROCEDURE.

RECEIVED  
NOV - 7 1997  
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 Mike Phillips by CB TITLE Drilg. Tech. DATE 11-5-97  
(915)  
TYPE OR PRINT NAME Mike Phillips TELEPHONE NO. 685-7608

(This space for State Use)

APPROVED BY Johnny Robinson TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE NOV - 7 1997  
CONDITIONS OF APPROVAL, IF ANY: As noted on procedure

NOTIFY AZTEC OCD  
IN TIME TO WITNESS DLA



New Name. Same Spirit.

A Business Unit of Unocal

Rocky Mountain Group

CONDITION OF HOLE

Drig Engr:	<i>MLP</i>
Drig Supt:	
Resv Engr:	
Prod Engr:	
Prod Supt:	

October 13, 1997

FIELD: San Juan Basin

LEASE: Rincon Unit

WELL NO: #166

Location: Sec 32, T27N, R6W

County: Rio Arriba

State: New Mexico

Survey: Salt Lake Meridian

REASON FOR WORK: To plug and abandon.

CONDITION OF HOLE:

TOTAL DEPTH: 7567' ETD: 7214' KB DATUM: 11.0' Above: G.L.(6611.0)

CASING RECORD:

9-5/8" @ 317'. 32.3# H-40. Cmt'd w/210sx. Cement Circ.

4-1/2" @ 7567'. 10.5 & 11.6# 8rd. Cmt'd w/3 stages 510sx.

PERFORATIONS:

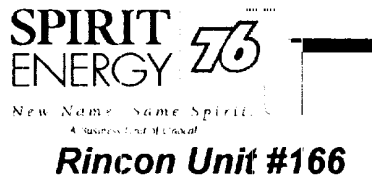
Formation	Date	From	To	# Holes
Gallup		6,832	6,848	Open
Dakota		7,300	7514	

TUBING DETAIL:

See Detail wellbore diagram

REGULATORY REQUIREMENTS:

BLM Sundry approved prior to Rig-up



## **Rincon Unit #166**

**By: Mike Phillips**

### **PROCEDURE:**

- 1. MIRU P&A Service Unit and cement Equip. Perform rig inspection. Hold safety meeting.**
- 2. Blow well down. Unset pump. POH LD rods. ND WH. NU BOP & function test.**
- 3. RU and EST PI Rate into perfs. Release pressure and packer. TOH**
- 4. PU and RIH w/4-1/2" RET on WS. Clear and set @ 6700'.**
- 5. Sting out RET and CIRC well w/MLB. Sting in and squeeze perfs w/100 sx class "C" cement and dump 10 sx on RET. Plug #1: (6602-6648') Dakota Perfs.**
- 6. PUH to 5250'. RU and spot 30 sx class "C" cement from 5250-4815'. Plug #2:(4815-5250') Mesa Verde.**
- 7. PUH to 3201'. RU and spot 35 sx class "C" cement from 3201-2692'. Plug #3:(2692-3201') Fruitland.**
- 8. PUH to 2557'. RU and spot 35 sx class "C" cement from 2557-2048'. Plug #4:(2048-2557') Ojo Alamo, Kirtland.**
- 9. TOH laying down WS.**
- 10. RU WL and RIH and perf casing @ 350'. Ru and EST PI rate into perfs. Squeeze same w/80 sx "C" cement and displace top to 200'. Plug #5: (200-350') Shoe.**
- 11. RIH to 45'. Spot 15sx to surf. ND BOP.**
- 12. RD Unit and Equip. Dig out wellhead w/backhoe. Cut-off head and weld-on P&A marker as per BLM specifications. Dig -out and remove anchors. Backfill and clean & level location.**

ASSET GROUP: PB/RM  
FIELD: San Juan Basin Rincon  
LEASE/UNIT: Rincon Unit  
COUNTY: Rio Arriba

**SPIRIT**  
ENERGY **76**  
*New Name: Santa Spirit.*  
*A Rincon Unit of Unocal*

DATE: Oct. 30, 1997  
BY: M.C. Phillips  
WELL: #166  
STATE: New Mexico

SPUD DATE: 8/29/62  
COMP. DATE: 9/18/62  
STATUS: Shut-in

KB = 6,621'  
Elevation = 6,611'  
TD = 7,567'  
PBTD = 7,532'

**BEFORE P&A**

9-5/8" @ 317'. 32.3# H-40 8RD. Cmt'd w/210sx. Cmt Circ.

Tubing	2-3/8" 4.7# 8rd EUE	122jt	3,732.49'
Packer	Bkr 43a A-2 Lok-set	1	3.35'
Tubing	2-3/8" 4.7# 8rd eue	100jt	3,069.63'
SN	2-3/8"	1	1.10'
Tubing	2-3/8" 4.7# 8rd eue	1	28.70'
Collar	2-3/8" Notched	1	0.70'
TOTAL			6,835.97'
KB			11.00'
FHD			6,846.97'

Rods 12-3/4", 172-5/8", 87-3/4", 1- 3/4" X 6'.

TOC @ 2300'

Csg leak 2400-2565' sqz'd w/130sx "B" in 3 attempts

DV Tool @ 3201', 2nd stage 180sx

TOC @ 4720'

DV Tool @ 5507', 2nd stage 200sx

TOC @ 6610'

Dakota Perfs

Perfs 6,832-48'.

Baker Model "P" PKR @ 7289', w/2-3/8" CIBP set in TBG @ 7218'. TBG CUT @ 7214'.

Dakota Perfs

Perfs 7,300-7,514'.

4-1/2" @ 7567'. 10.5# 11.6# J-55 8rd. Cmt'd w/630sx.

TD 7,567'

### Formation Tops

Ojo Alamo	2421
Kirtland	2507
Fruitland	2832
Picture Cliffs	3080
Dakota	

ASSET GROUP: PB/RM  
FIELD: San Juan Basin Rincon  
LEASE/UNIT: Rincon Unit  
COUNTY: Rio Arriba

**SPIRIT ENERGY** **73**  
*New Name: Santa Spirit*  
A Business Energy Company

DATE: Oct. 30, 1997  
BY: M.C. Phillips  
WELL: #166  
STATE: New Mexico

SPUD DATE: 8/29/62  
COMP. DATE: 9/18/62  
STATUS: P&A'd

KB = 6,621'  
Elevation = 6,611'  
TD = 7,567'  
PBDT = 7,532'

**AFTER P&A**

