

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT - " for such proposals.

RECEIVED  
MAY 24 PM 1:03

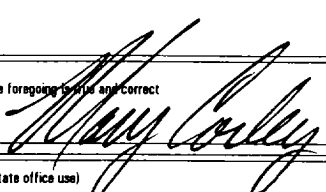
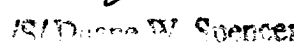
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Designation and Serial No. <b>SF - 078415</b>
2. Name of Operator <b>AMOCO PRODUCTION COMPANY</b>		6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. <b>P.O. BOX 3092 HOUSTON, TX 77253</b>		7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>2145' FNL 1125' FEL Sec. 15 T 29N R 8W UNIT H</b>		8. Well Name and No. <b>ROELOFS B 2B</b>
Attention: <b>Mary Corley</b>		9. API Well No. <b>30-045-29712</b>
281-366-4491		10. Field and Pool, or Exploratory Area <b>BLANCO MESAVERDE</b>
		11. County or Parish, State <b>San Juan New Mexico</b>

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	
TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent <input type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input checked="" type="checkbox"/> Altering Casing <input type="checkbox"/> Other <input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

AMOCO PRODUCTION COMPANY REQUESTS PERMISSION TO ALTER THE CASING PROGRAM FOR THE SUBJECT WELL AS PER ATTACHED CEMENTING PROGRAM. ORIGINAL PROGRAM CALLED FOR SETTING 3102' OF INTERMEDIATE CASING AND SETTING PRODUCTION LINER FROM 2852' TO 5692'. REVISED PROGRAM SPECIFIES 2502' OF INTERMEDIATE CASING AND SETTING OF LINER FROM 2252' TO 5692'.

FOR TECHNICAL INFORMATION PLEASE CALL KELLY TUMINO @ 281-366-7767. FOR ADMINISTRATIVE ASSISTANCE PLEASE CONTACT MARY CORLEY @ 281-366-4491.

14. I hereby certify that the foregoing is true and correct	
Signed 	Title <b>SR. BUSINESS ANALYST</b> Date <b>05-20-1999</b>
(This space for Federal or State office use)	
Approved by 	Title <b>Team Lead, Petroleum Management</b> Date <b>JUN 01 1999</b>
Conditions of approval, if any:	

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction.

\* See Instructions on Reverse

AMOCO

PO Box 1980, Hobbs NM 88241-1980  
District II  
PO Drawer CK, Aramis, NM 87211-0719  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
PO Box 2088, Santa Fe, NM 87504-2088

Energy, Minerals & Natural Resources Department

**OIL CONSERVATION DIVISION**  
PO Box 2088  
Santa Fe, NM 87504-2088

Revised February 21, 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**

1 APT Number		2 Pool Code 72319		3 Well Name Blanco Mesaverde	
4 Property Code		5 Property Name ROELOFS B			6 Well Number # 2B
7 OGRID No. 000778		8 Operator Name AMOCO PRODUCTION COMPANY			9 Elevation 6307

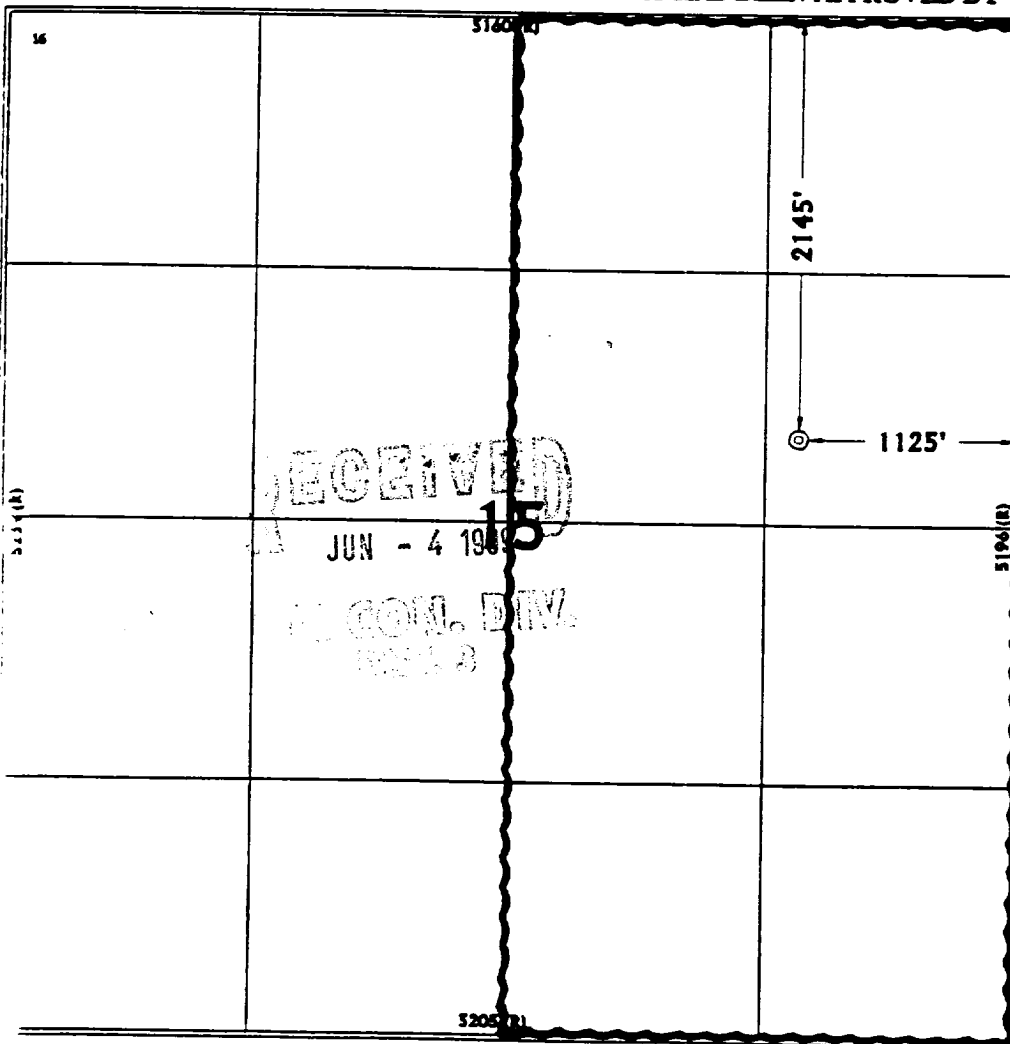
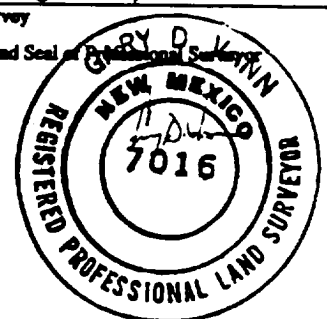
**10 Surface Location**

UL or Lot No. H	Section 15	Township 29 N	Range 8 W	Lot Idn	Feet from the 2145	North/South line NORTH	Feet from the 1125	East/West line EAST	County SAN JUAN
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**11 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
12 Dedicated Acres 320.00		13 Joint or Infill		14 Consolidation Code		15 Order No.			

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

				<b>17 OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature: <i>Gail M. Jefferson</i> Printed Name: Gail M. Jefferson Title: Sr. Admin. Staff Asst. Date: 9/10/98	
				<b>18 SURVEYOR CERTIFICATION</b> 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.  August 28, 1998 Date of Survey Signature and Seal of Registered Professional Land Surveyor: <i>GARY D. KINN</i>  7016 Certificate Number	

(R) - BLM Record

# Cementing Program

## Roelofs B #2B

Well Name: Roelofs B2B  
 Location: NE Sec 15, T29N, R8W  
 County: San Juan  
 State: New Mexico

Field: Blanco Mesaverde  
 API No.  
 Well Flac  
 Formation: Mesa Verde  
 KB Elev (est) 6317'  
 GL Elev. (est) 6307'

### Casing Program:

Casing String	Est. Depth (ft.)	Hole Size (in.)	Casing Size (in.)	Thread	TOC (ft.)	Stage Tool Or TOL (ft.)	Cmt Cir. Out (bbl.)
Surface	250	12.25	9.625	ST&C	Surface	NA	
Intermediate	2502	8.75	7	ST&C	Surface	NA	
Production - (liner)	5692	6.25	4.5	ST&C	2252	Liner Top calculated for a minimum 200' lap	

### Casing Properties:

(No Safety Factor Included)

Casing String	Size (in.)	Weight (lb/ft)	Grade	Burst (psi.)	Collapse (psi.)	Joint St. (1000 lbs.)	Capacity (bbl/ft.)	Drift (in.)
Surface		9.625	36 K-55	3520	2020	423	0.0773	8.765
Intermediate		7	23 K-55	4360	3270	309	0.0394	6.241
Production - (liner)		4.5	10.5 K-55	4790	3310	146	0.0159	3.927

### Mud Program

Apx. Interval (ft.)	Mud Type	Mud Weight	Recommended Mud Properties Prio Cementing:	
			PV	<20
			YP	<10
0 - SCP	Water/Spud	8.6-9.2	Fluid Los	<15
SCP - ICP	Water/LSND	8.6-9.2		
ICP - TD	Gas/Air Mist	NA		

### Cementing Program:

	Surface	Intermediate	Liner
Excess %, Bit	100%	80	35
Excess %, Caliper	NA	NA	15
BHST (est deg. F)	60	120	148
Pipe Movement	NA	Rotate/Reciprocate	as per Liner Co.
Rate, Max (bpm)	7	6	6
Rate Recommended (bpm)	6	6	4
Pressure, Max (psi)	200	2000	2000
Shoe Joint	40	80	40
Batch Mix	NA	NA	NA
Circulating prior cmtng (hr)	0.5	1.5	1
Time Between Stages, (hr)	NA	NA	NA
Special Instructions	1,6,7	1,6,8	2,3,4,6

1. Do not wash pumps and lines.
2. Wash pumps and lines.
3. Reverse out
4. Run Blend Test on Cement
5. Record Rate, Pressure, and Density on 3.5" disk
6. Confirm densitometer with pressurized mud scales
7. 1" cement to surface if cement is not circulated.
8. If cement is not circulated to surface, run temp. survey 10-12 hr. after landing plug.

### Notes:

- \*Do not wash up on top of plug. Wash lines before displacing liner cement job to minimize drillout.  
 \*\* After cement set time the liner top will be drilled out and liner circulated clean with treated water.  
 \*\*\* Run TMD cased hole logs to identify pay; Perforating and CH logs can be run rigless.

# Cementing Program

## Roelofs B #2B

### Surface:

Preflush	20 bbl.	FreshWater
Slurry 1	145 sx Class B Cement	172 cu. ft.
TOC@Surface	+ 2% CaCl <sub>2</sub> (accelerator)	
	0.25 #/sk Cellophane Flake (lost circulation additive)	

Slurry Properties:	Density (lb/gal)	Yield (ft <sup>3</sup> /sk)	Water (gal/sk)
Slurry 1	15.6	1.19	5.2

Casing Equipment:

- 9 5/8", 8R, ST&C
- 1 Guide Shoe
- 1 Top Wooden Plug
- 1 Autofill insert float valve
- 4 Centralizers
- 1 Stop Ring
- 1 Thread Lock Compound

### Intermediate:

Fresh Water &	20 bbl	fresh water
Mud Flush	20 bbl	Mud flush
Spacer	20 bbl	fresh water
Lead	167 sx Class "B" Cement	481 cu.ft.
Slurry 1	+ 3% D79 extender	
TOC@Surface	+ 10 #/sk Kolite (lost circulation add.)	
	+1/4 #/sk. Cellophane Flake	
Tail	150 sx 50/50 Class "B"/Poz	205 cu.ft.
Slurry 2	+ 2% gel (extender)	
	+ 10 #/sk Kolite (lost circulation add.)	
	+1/4 #/sk. Cellophane Flake	
	+ 2% CaCl <sub>2</sub> (accelerator)	

Slurry Properties:	Density (lb/gal)	Yield (ft <sup>3</sup> /sk)	Water (gal/sk)
Slurry 1	11.4	2.88	16.62
Slurry 2	13.5	1.37	5.9

Casing Equipment:

- 7", 8R, ST&C
- 1 Float Shoe (autofill with minimal LCM in mud)
- 1 Float Collar (autofill with minimal LCM in mud)
- 1 Stop Ring
- 9 Centralizers (one in middle of first joint, then every third collar)
- 2 Fluidmaster vane centralizers @ base of Ojo
- 8 Centralizers one every 4th joint from Ojo to base of surface casing
- 1 Top Rubber Plug
- 1 Thread Lock Compound

# Cementing Program

## Roelofs B #2B

**Production (liner):**

Preflush	20 bbl.	Chemical Wash	
	20 bbl.	Fresh water	
Lead Cement		346 sx 50/50 Class "B"/Poz	474 cu.ft.
Slurry 1		+ 2% gel (extender)	
TOC @		+ 5 #/sk Kolite (lost circulation add.)	
(50' above TOL)		0.4% Fluidloss Additive	
		+1/4 #/sk. Cellophane Flake	

Slurry Properties:	Density		Water
	(lb/gal)	(ft3/sk)	(gal/sk)
Slurry 1	13.5	1.37	6.3

Liner Float Equipment: Float Shoe and Float Collar (furnished by Liner Hanger Company)  
1 Thread Lock Compound

**Note:**

1. Coordinate w/Liner hand to drop plug, or set/release Liner as required
2. The job should be pumped at 5-6 bpm max rate. Do not exceed 4 bpm on displacement
3. Wash pump and lines before displacement. Slow to 3 bpm for the last 30 bbl of displacement.
4. This is to be a rigless completion. After cement set time, liner top will be dressed off an liner circulated clean with 2 % KCl or 2 gal/1000 gal L64.