

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 1:02

5. Lease Designation and Serial No.
SF - 078415

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
ROELOFS B 3B

9. API Well No.
30-045-29711

10. Field and Pool, or Exploratory Area
BLANCO MESAVERDE

11. County or Parish, State
San Juan New Mexico

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
AMOCO PRODUCTION COMPANY Attention: Mary Corley

3. Address and Telephone No.
P.O. BOX 3092 HOUSTON, TX 77253 281-366-4491

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2445' FSL 1115' FWL Sec. 15 T 29N R 8W UNIT L

RECEIVED
JUN 4 1999
OIL COMPANY
MARTIN, NM

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 3094' OF INTERMEDIATE CASING AND SETTING PRODUCTION LINER FROM 2344' TO 5724'. REVISED PROGRAM SPECIFIES 2494' OF INTERMEDIATE CASING AND SETTING OF LINER FROM 2244' TO 5724'.

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: Mary Corley Title: SR. BUSINESS ANALYST Date: 05-20-1999

(This space for Federal or State office use)

Approved by: /s/ Duane W. Spencer Title: Team Lead, Petroleum Management Date: JUN 15 1999

Conditions of approval, if any: /s/ Duane W. Spencer

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.

PO Box 1980, Hobbs NM 88241-1980
 District II
 PO Drawer EK, Artesia, 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

Revised February 21, 1994

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

Instructions on back
 Submit to Appropriate District Office
 State Lease - 4 Copies
 Fee Lease - 3 Copies

RECEIVED
 BLM
 MAY 21 1998
 070 FARMINGTON, NM

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number		2 Pool Code 72319		3 Pool Name Blanco Mesaverde	
4 Property Code		5 Property Name ROELOFS B		6 Well Number # 3B	
7 OGRID No. 000778		8 Operator Name AMOCO PRODUCTION COMPANY		9 Elevation 6334	

10 Surface Location

UL or Lot No.	Section	Township	Range	Lot Idn.	Feet from the	North/South line	Feet from the	East/West line	County
L	15	29 N	8 W		2445	SOUTH	1115	WEST	SAN JUAN

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.
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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

	<p>17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Gail M. Jefferson</i> Signature Gail M. Jefferson Printed Name Sr. Admin. Staff Asst. Title 9/10/98 Date</p>	
	<p>18 SURVEYOR CERTIFICATION 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.</p> <p>August 27, 1998 Date of Survey</p> <p>Signature and Seal of Professional Surveyor 7016 Certificate Number</p>	
	<p>5120(R)</p> <p>15</p> <p>5205(R)</p>	
	<p>5214(R)</p> <p>1115'</p> <p>2445'</p>	

(R) - BLM Record

OK

Cementing Program

Roelofs B #3B

Well Name: Roelofs B3B	Field: Blanco Mesaverde
Location: SW Sec 15, T29N, R8W	API No.
County: San Juan	Well Flac
State: New Mexico	Formation: Mesa Verde
	KB Elev (est) 6344'
	GL Elev. (est) 6334'

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	2494	8.75	7	ST&C	Surface	NA	
Production - (liner)	5724	6.25	4.5	ST&C	2244	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 #3B

Surface:

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

Slurry Properties:	Density	Yield	Water
	(lb/gal)	(ft ³ /sk)	(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		165 sx Class "B" Cement	475
Slurry 1		+ 3% D79 extender	
TOC@Surface		+ 10 #/sk Kollite (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 Kollite (lost circulation add.)	
		+1/4 #/sk. Cellophane Flake	
		+ 2% CaCl ₂ (accelerator)	

Slurry Properties:	Density	Yield	Water
	(lb/gal)	(ft ³ /sk)	(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 #3B

Production (liner):

Preflush	20 bbl.	Chemical Wash	
	20 bbl.	Fresh water	
Lead Cement		351 sx 50/50 Class "B"/Poz	481 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.