

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

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. NMSF - 076337
2. Name of Operator AMOCO PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. P.O. BOX 800 DENVER, COLORADO 80201		7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1820 FNL 900 FEL Sec. 31 T 30N R 9W UNIT H		8. Well Name and No. W.D. HEATH B #3E
		9. API Well No. 3004524381
		10. Field and Pool, or Exploratory Area BASIN DAKOTA
		11. County or Parish, State SAN JUAN NEW MEXICO

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"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other RECOMPLETION/DHC
	<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 RECOMPLETE THIS WELL TO THE BLANCO MESAVERDE GAS POOL ACCORDING TO THE ATTACHED PROCEDURES AND TO DOWN HOLE COMMINGLE THE THE BASIN DAKOTA AND THE MESAVERDE UPON APPROVAL OF THE DOWNHOLE COMMINGLING APPLICATION.

THIS IS THE 3RD MESAVERDE WELL FOR THIS SPACING UNIT.

DHC APPLICATION IS IN THE PROCESS OF BEING FILED.

RECEIVED
JUN 25 1997
OIL CON. DIV.
DIST. 3

RECEIVED
JUN 23 1997
OIL CON. DIV.
DIST. 3

14. I hereby certify that the foregoing is true and correct

Signed

Nancy I. Whitaker

Title

Staff Assistant

Date

06-12-1997

(This space for Federal or State office use)

Approved by

/s/ Duane W. Spencer

Title

Date

JUN 23 1997

Conditions of approval, if any:

* See Instructions on Reverse Side

NMOC

SJOET Well Work Procedure

WD Heath B **#3E**
Version: 1
Date: April 24, 1997
Budget: Recompletion
Work Type: Perf-Frac

*Blank Musket
Casing*

Objectives:

1. Recomplete MV/Downhole commingle DK and MV
2. Land TBG mid-lower DK perfs
3. Place well back on production

Pertinent Information:

Location:	31H-30N-9W	Horizon:	DK/MV
County:	San Juan	API #:	30-045-24381
State:	New Mexico	Engr:	Webb
Lease:	Federal; SF-07633-7	Phone:	H--(303)488-9824
Well Flac:	842206		W-(303)830-4206
			P--(800)952-2972

Economic Information:

APC WI:	100%	DK Prod. Before:	90 MCFD
Estimated Cost:	\$ 135M	DK Antic. Prod.:	90 MCFD
Payout:	years	Anticipated MV Prod.:	350 MCFD
Max Cost -12 Mo. P.O.		Anticipated Total Prod.:	440 MCFD
PV15:			
Max Cost PV15:			

Note: Economics will be run on all projects that have a payout exceeding ONE year.

Formation Tops: (Estimated formation tops)

Nacimiento:	Menefee:
Ojo Alamo:	Point Lookout:
Kirtland Shale:	Mancos Shale:
Fruitland:	Gallup:
Pictured Cliffs:	Graneros:
Lewis Shale:	Dakota:
Cliff House	Morrison:

Bradenhead Test Information:

Test Date:	Tubing:	Casing:	BH:	
Time	BH	CSG	INT	CSG
5 min				
10 min				
15 min				

Comments: No Flow.

1. MIRSU. Lower TBG and tag for fill.
2. RU HES W.L.. Run gauge ring to ensure clean casing. Set RBP at 5400'. Dump Sand to cover plug. Pressure test CSG to 3000 psi. Tie into Gearhart IDL-GR log dated 3/14/84 for depth control.
3. RU perforating equipment. Perforate lower-Menefee and PLO pay intervals using limited entry techniques at 4633-4864' w/9 shots. Utilize 3 1/8" HCP w/ 12.5 g charges (0.34" EHD, 13.13" Penetration).
4. Break down perforations using 2% Kcl water and 7/8" RCN balls w/ 1.1 SG. Recover balls with junk basket.
5. RU fracture stimulation equipment. Fracture stimulate lower-Menefee and PLO pay according to frac schedule A.
6. TIH with RBP Set at 4500. Dump sand to cover plug.
7. RU perforating equipment. Perforate lower-Menefee and PLO pay intervals using limited entry techniques at 4052-4390' w/12 shots. Utilize 3 1/8" HCP w/ 12.5 g charges (0.34" EHD, 13.13" Penetration).
8. Break down perforations using 2% Kcl water and 7/8" RCN balls w/ 1.1 SG. Recover balls with junk basket.
9. RU fracture stimulation equipment. Fracture stimulate lower-Menefee and PLO pay according to frac schedule B.
10. TIH w/ tubing x bit and scraper. Clean out fill and CIBP to PBD at 7004'. LD BxS.
11. TIH and land 2 3/8" production tubing at approximately 6890' (w/1/2 mule shoe on bottom w/ seating nipple one joint up). Swab well in if necessary. RDMOSU.
13. Obtain gas and water samples. SI well pending equipment hook up. Turn well over to production.

If problems are encountered, please contact:

Steve Webb

(W) (303) 830-4206

(H) (303) 488-9824

(P) (800) 952-2972

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

311 South First, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

2040 South Pacheco, Santa Fe, NM 87505

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco

Santa Fe, New Mexico 87505

Form C-102

Revised October 18, 1994

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 3004524381	Pool Code 72319	Pool Name BLANCO MESA VERDE GAS POOL, NM
Property Code 000666	Property Name W. D. HEATH B	Well Number # 3 E
OGRID No. 000778	Operator Name AMOCO PRODUCTION COMPANY	Elevation 5854

Surface Location

UL or lot no. UNIT H	Section 31	Township 30N	Range 9W	Lot. Idn	Feet from the 1820	North/South Line NORTH	Feet from the 900	East/West Line EAST	County San Juan
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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 Acreage: 320	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 hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
	Signature <i>Nancy I. Whitaker</i>	
	Printed Name Nancy I. Whitaker	
	Position Staff Assistant	
	Date 06/16/1997	
	SURVEY 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 knowledge and belief.	
	Date of Survey 02/19/1980	
	Signature & Seal of Professional Surveyor FRED B. KERR	
	Certificate No. 3950	