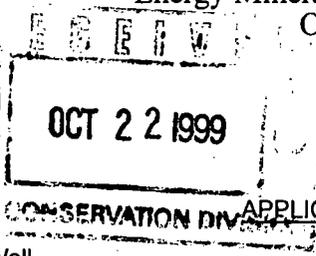


District I - (505) 393-6161
1625 N. French Dr
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

New Mexico
Energy Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Form C-142
Revised 06/99

SUBMIT ORIGINAL
PLUS 2 COPIES
TO THE SANTA FE
OFFICE



OIL CONSERVATION DIVISION APPLICATION FOR NEW WELL STATUS

I. Operator and Well

Operator name & address Amoco Production Company P.O. Box 3092 Houston, TX 77253						OGRID Number 000778		
Contact Party Mary Corley						Phone 281-366-4491		
Property Name Hardie LS				Well Number 4B		API Number 30-045-29715		
UL I	Section 23	Township 29N	Range 8W	Feet From The 2200'	North/South Line South	Feet From The 1225'	East/West Line East	County San Juan

II. Date/Time Information

Spud Date September 18 1999	Spud Time 4:30 pm	Date Completed October 14 1999	Pool Blanco Mesaverde
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- III. Attach copies of Form C-103 or Federal Form 3160-5 showing date/time of drilling commenced and Form C-105 or Federal Form 3160-4 showing well was completed as a producer.
- IV. Attach a list of all working interest owners with their percentage interests.

V. AFFIDAVIT:

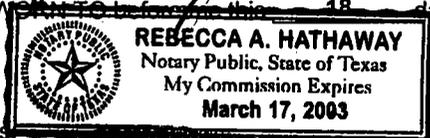
State of Texas)
) ss.
County of Harris)

Mary Corley, being first duly sworn, upon oath states:

- I am the Operator, or authorized representative of the Operator, of the above-referenced well.
- To the best of my knowledge, this application is complete and correct.

Signature Mary Corley Title Senior Business Analyst Date October 18 1999

SUBSCRIBED AND SWORN TO before me this 18 day of October 1999

 Rebecca A. Hathaway
Notary Public

My Commission expires _____

FOR OIL CONSERVATION DIVISION USE ONLY:

VI. CERTIFICATION OF APPROVAL:

This Application is hereby approved and the above-referenced well is designated a New Well. By copy hereof, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval.

Signature District Supervisor <u>Mark Puhley</u>	OCD District <u>P.E. Speer</u>	Date <u>12-13-99</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: 12/13/99

NOTICE: The operator must notify all working interest owners of this New Well certification.

PV2V2007132140

**Working Interest Owners
Hardie LS 4B**

Conoco Inc. 50%
Attn: Isabel Barron
600 North Dairy Ashford - DU - 3076

Amoco Production Company 50%
P. O. Box 3092
Houston, TX 77253

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

RECEIVED
BLM

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

99 OCT -5 AM 9:35

5. Lease Designation and Serial No.
SF - 078416-A

9. Indian Allottee or Tribe Name

17. Unit or CA, Agreement Designation

8. Well Name and No.
HARDIE LS 4B

9. API Well No.
30-045-29715

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)
2200' FSL 1225' FEL Sec. 23 T 29N R 8W UNIT 1

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" 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 Spud & Set CSG Report
	<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.)*

9/18/99 MIRU Drilling rig. Spud a 12 1/4" surface hole @ 16:30 hrs. on 9/18/99. Drilled to 283' & set 9 5/8" 32.5# WC-50 surface CSG to 278'. CMT w/200 SXS CLS B w/2% S-1, .25# D29, & 1% D-46, displaced w/18 BBLS WTR & had 100% returns. 15 BBLS CMT to surface. NUWH & BOPS. Tested blinds, choke, manifold, & surface EQPT 250#/1200#. All tests OK.

TIH & tag CMT @ 225'. Drilled CMT & shoe. Drilled a 8 3/4" hole to 2719'. RU to run Intermediate CSG. Set 7" 20# WC-50 CSG to 2711'. CMT w/216 SXS CLS B lead & 180 SXS CLS B tail. Circ 40 BBLS of good CMT to surface. Pressure test CSG to 1200 PSI 15 min & 250 PSI Low 5 min & air surface lines & manifold to 1500 PSI. Test OK.

Drilled @ 6 1/4" hole to 5563'. Set 4 1/2" 10.5# WC-50 production liner to 5563'. TOL @ 2573. CMT w/210 SXS CLS A CMT. TOC @ 2573'.

Rig released @ 6:00 AM on 9/25/99.

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

Signed Mary Corley Title Sr. Business Analyst Date 10-04-1999

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any: _____

ACCEPTED FOR RECORD
OCT 05 1999

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
OPERATOR

FARMINGTON FIELD OFFICE
BY [Signature]

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

(See other instructions on reverse side)

FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. SF-078416-A	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY		7. UNIT AGREEMENT NAME	
Attention: Mary Corley		8. FARM OR LEASE NAME, WELL NO. Hardie LS 4B	
3. ADDRESS AND TELEPHONE NO. P.O. BOX 3092, Houston, TX		9. API WELL NO. 30-045-29715	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2200' FSL 1225' FEL		10. FIELD AND POOL, OR WILDCAT Blanco Mesaverde	
At top prod. interval reported below		11. SEC., T., R., M., OR BLOCK, AND SURVEY OR AREA Section 23	
At total depth Unit I		Township 29N Range 8W	
14. PERMIT NO.		DATE ISSUED	12. COUNTY OR PARISH San Juan
			13. STATE New Mexico
15. DATE SPUNDED 09/18/1999	16. DATE T.D. REACHED 09/24/1999	17. DATE COMPL. (Ready to prod.) 10/14/1999	18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 6398'
19. ELEV. CASINGHEAD			
20. TOTAL DEPTH, MD & TVD 5563	21. PLUG. BACK T.D., MD & TVD 5449	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY
			ROTARY TOOLS YES
			CABLE TOOLS NO
PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* Blanco Mesaverde 4696' - 5397'			25. WAS DIRECTIONAL SURVEY MADE NO
26. TYPE ELECTRIC AND OTHER LOGS RUN TDT, & CCL			27. WAS WELL CORED N

28. CASING RECORD (Report all strings set in well)					
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9 5/8" WC-50	32.5#	278'	12 1/2"	200 SXS CLS B TO SURFACE	
7" WC-50	20#	2711'	8 3/4"	396 SXS CLS B CMT Lead & Tail	

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)
4 1/2"	2573'	5563'	210 SXS CLS A		2 3/8"	5291'

PERFORATION RECORD (Interval, size, and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
1. 5262' - 5397' w/2 JSPF, .330 in diameter, total 18 shots		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2. 4927' - 5149' w/1 JSPF, .330 in diameter, total 17 shots		5262' 5397'	70% Quality N2 Foam & 91.927# 16/30 Arizona Sand
3. 4696' - 4889' w/1 JSPF, .330 in diameter, total 18 shots		4927' 5149'	70% Quality N2 Foam & 95.832# 16/30 Arizona Sand
		4696' 4889'	70% Quality N2 Foam & 98.373# 16/30 Arizona Sand

33.* PRODUCTION							
DATE FIRST PRODUCTION 10/14/1999		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing				WELL STATUS (Producing or shut-in) SI	
DATE OF TEST 10/14/1999	HOURS TESTED 12 hrs	CHOKE SIZE 3/4"	PROD'N FOR TEST PERIOD	OIL - BBL. Trace	GAS - MCF. 3548 MCF	WATER - BBL. Trace	GAS-OIL RATIO
FLOW TUBING PRESS 160#	CASING PRESSURE 230 #	CALCULATED 24-HOUR RATE	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TO BE SOLD	TEST WITNESSED BY
---	-------------------

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED *Mary Corley* TITLE **Sr. Business Analyst** DATE **10-18-1999**

*(See Instructions and Spaces for Additional Data on Reverse Side)

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.

Hardie LS 4B

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2009'		Sandstone			
Kirtland	2211'		Sandstone			
Fruitland	2769		Coal			
Lewis Shale	3064'		Shale			
Cliff House	4689'		Sandstone			
Menefee Shale	4849'		Sandstone			
Point Lookout	5242'		Sandstone			
Mancos	5439'		Shale			