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

State of New Mexico
Energy, Minerals & Natural Resources Department

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

Form C-102
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 API Number 30-045-31050	² Pool Code 72319/71599	³ Pool Name Blanco Mesaverde Basin Dakota
⁴ Property Code 000725	⁵ Property Name Jaquez Gas Com F	⁶ Well Number #1M
⁷ OGRID No. 000778	⁸ Operator Name BP AMERICA PRODUCTION COMPANY	⁹ Elevation 6043

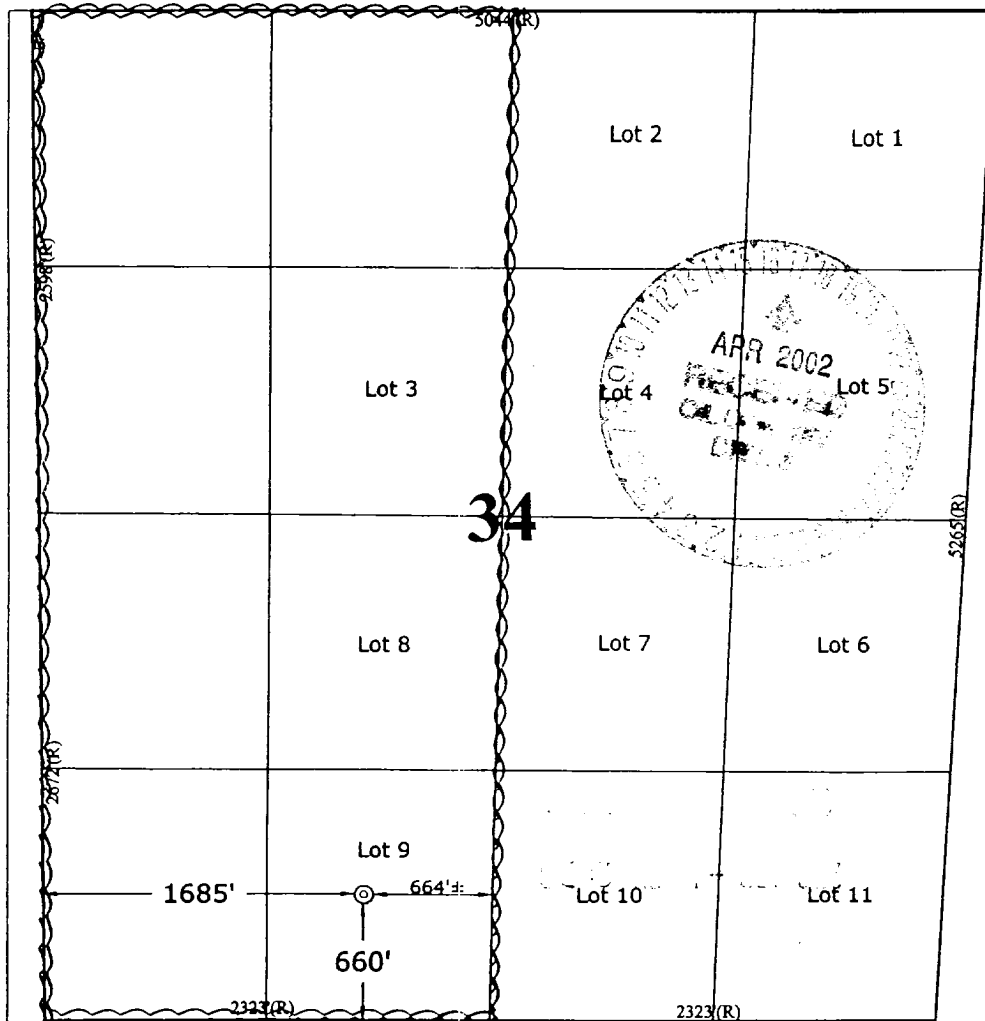
¹⁰ Surface Location

UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N (Lot 9)	34	32 N	10 W		660	SOUTH	1685	WEST	SAN JUAN

¹¹ Bottom Hole Location If Different From Surface

¹ 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 309.02	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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



¹⁷ OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Cherry Hlava
Signature

Cherry Hlava
Printed Name

Regulatory Analyst
Title

3-26-02
Date

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.

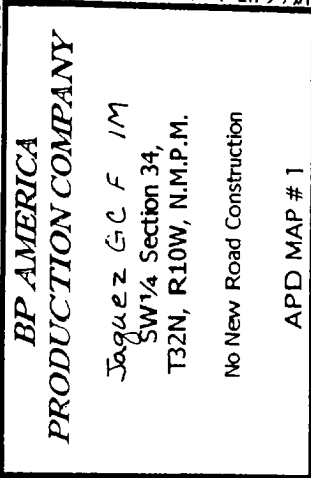
February 22, 2002

Date of Survey

Signature and Seal of Professional Surveyor



7016
Certificate Number



**AMOCO PRODUCTION COMPANY
DRILLING AND COMPLETION PROGRAM**

Prospect Name: Jaquez GC F
Lease: Jaquez GC F
County: San Juan
State: New Mexico
Date: March 26, 2002

Well No: 1M
Surface Location: 34-32N-10W, 660 FSL, 1685 FWL
Field: Blanco Mesaverde/Basin Dakota

OBJECTIVE: Drill 50' below the base of the Lower Cubero, set 41/2" production casing, Stimulate LS, CH, MF, PL and DK intervals

METHOD OF DRILLING		APPROXIMATE DEPTHS OF GEOLOGICAL MARKER			
TYPE OF TOOLS	DEPTH OF DRILLING	Estimated GL: 6043		Estimated KB: 6057	
Rotary	0 - TD	MARKER		SUBSEA	MEAS. DEPTH
LOG PROGRAM		Ojo Alamo		4624	1433
		Kirtland		4388	1669
		Fruitland		3807	2250
		Fruitland Coal	*	3567	2490
		Pictured Cliffs	*	3198	2859
		Lewis Shale	#	2975	3082
		Cliff House	#	1507	4550
		Menefee Shale	#	1286	4771
		Point Lookout	#	951	5106
		Mancos		563	5494
		Greenhorn		-1133	7190
		Bentonite Marker		-1184	7241
		Two Wells	#	-1254	7311
		Paguate	#	-1318	7375
		Upper Cubero	*	-1340	7397
		Lower Cubero	*	-1355	7412
		TOTAL DEPTH		-1405	7462
REMARKS: - Please report any flares (magnitude & duration).		# Probable completion interval		* Possible Pay	
SPECIAL TESTS		DRILL CUTTING SAMPLES		DRILLING TIME	
TYPE		FREQUENCY	DEPTH	FREQUENCY	DEPTH
None		none	Production hole	Geologist	0-TD
REMARKS:					

MUD PROGRAM:					
Approx. Interval	Type Mud	Weight, #/ga	Vis, sec/qt	W/L cc's/30 min	Other Specification
0 - 200	Spud	8.6-9.2			
200 - 3182 (1)	Water/LSND	8.6-9.2		<6	
3182 - 7462	Gas/Air/N2/Mist	Volume sufficient to maintain a stable and clean wellbore			

REMARKS:
 (1) The hole will require sweeps to keep unloaded while fresh water drilling. Let hole conditions dictate frequency.

CASING PROGRAM: (Normally, tubular goods allocation letter specifies casing sizes to be used. Hole sizes will be governed by Contract)						
Casing String	Estimated Depth	Casing Size	Grade	Weight	Hole Size	Landing Pt, Cmt, Etc.
Surface/Conductor	200	9 5/8"	H-40 ST&C	32#	12.25"	1
Intermediate	3182	7"	J/K-55 ST&C	20#	8.75"	1,2
Production	7462	4 1/2"	J-55	11.6#	6.25"	3

REMARKS:
 (1) Circulate Cement to Surface
 (2) Set casing 100' into Lewis Shale
 (3) Bring cement 100' above 7" shoe

CORING PROGRAM:
 None

COMPLETION PROGRAM:
 Rigless, 4-6 Stage Limited Entry Hydraulic Frac

GENERAL REMARKS:
 Notify BLM/NMOCD 24 hours prior to Spud, BOP testing, and Casing and Cementing.

Form 46 Reviewed by: _____ Logging program reviewed by: _____ N/A

PREPARED BY:	APPROVED:	DATE:	
HGJ/MNP		26 th March 2002	
Form 46 12-00 MNP		Version 1.0	

BP America Production Company BOP Pressure Testing Requirements

Well Name: Jaquez GC F
County: San Juan

1M
State: New Mexico

Formation	TVD	Anticipated Bottom Hole Pressure	Maximum Anticipated Surface Pressure **
Ojo Alamo	1433		
Kirtland	1669		
Fruitland	2250		
Fruitland Coal	2490		
PC	2859		
Lewis Shale	3082		
Cliff House	4550	500	0
Menefee Shale	4771		
Point Lookout	5106	600	0
Mancos	5494		
Dakota	7311	2600	1391

** Note: Determined using the following formula: $ABHP - (.22 \times TVD) = ASP$

Requested BOP Pressure Test Exception: 1500 psi

SAN JUAN BASIN
Dakota Formation
Pressure Control Equipment

Background

The objective Dakota formation maximum surface pressure is anticipated to be less than 1000 PSI, based on shut-in surface pressures from adjacent wells. Pressure control equipment working pressure minimum requirements are therefore 2000 PSI. Equipment to be used will conform to API RP-53 (Figure 2.C.2) for a 2000 PSI system per Federal Onshore Order No. 2. Due to available conventional equipment within the area, 3000 PSI rated pressure control equipment will typically be utilized in a double ram type arrangement. Regional drilling rights to be utilized have substructure height limitations which exclude the use of annular preventers; therefore a rotating head will be installed above these rams. This pressure control equipment will be utilized for conventional drilling below conductor to total depth in the Basin Dakota. No abnormal temperature, pressure, or H2S anticipated.

Equipment Specification

Interval

BOP Equipment

Below conductor casing to total depth 11" nominal or 7 1/16", 3000 PSI
double ram preventer with rotating
head.

All ram type preventers and related control equipment will be hydraulically tested to 250 PSI (low pressure) and 2000 PSI (high pressure), upon installation, following any repairs or equipment replacements, or at 30 day intervals. Accessories to BOP equipment will include kelly cock, upper kelly cock with a handle available, floor safety valves and choke manifold which will also be tested to equivalent pressure.