

HOLD C104 FOR Directional Survey
and NSL-if needed per BHL

Form C-1
PO Box 2088, Santa Fe, NM 87504-2088
District II
PO Box 2088, Santa Fe, NM 87504-2088
District III
PO Box 2088, Santa Fe, NM 87504-2088
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 30-045-30705		2 Pool Code 71599 72319		3 Pool Name BASIN DAKOTA BLANCO MESA VERDE		
4 Property Code 000417		5 Property Name Day			6 Well Number # 1M	
7 UGRID No. 000778		8 Operator Name AMOCO PRODUCTION COMPANY			9 Elevation 6207	

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
A	7	29 N	8 W		1290'	NORTH	1190	EAST	SAN JUAN

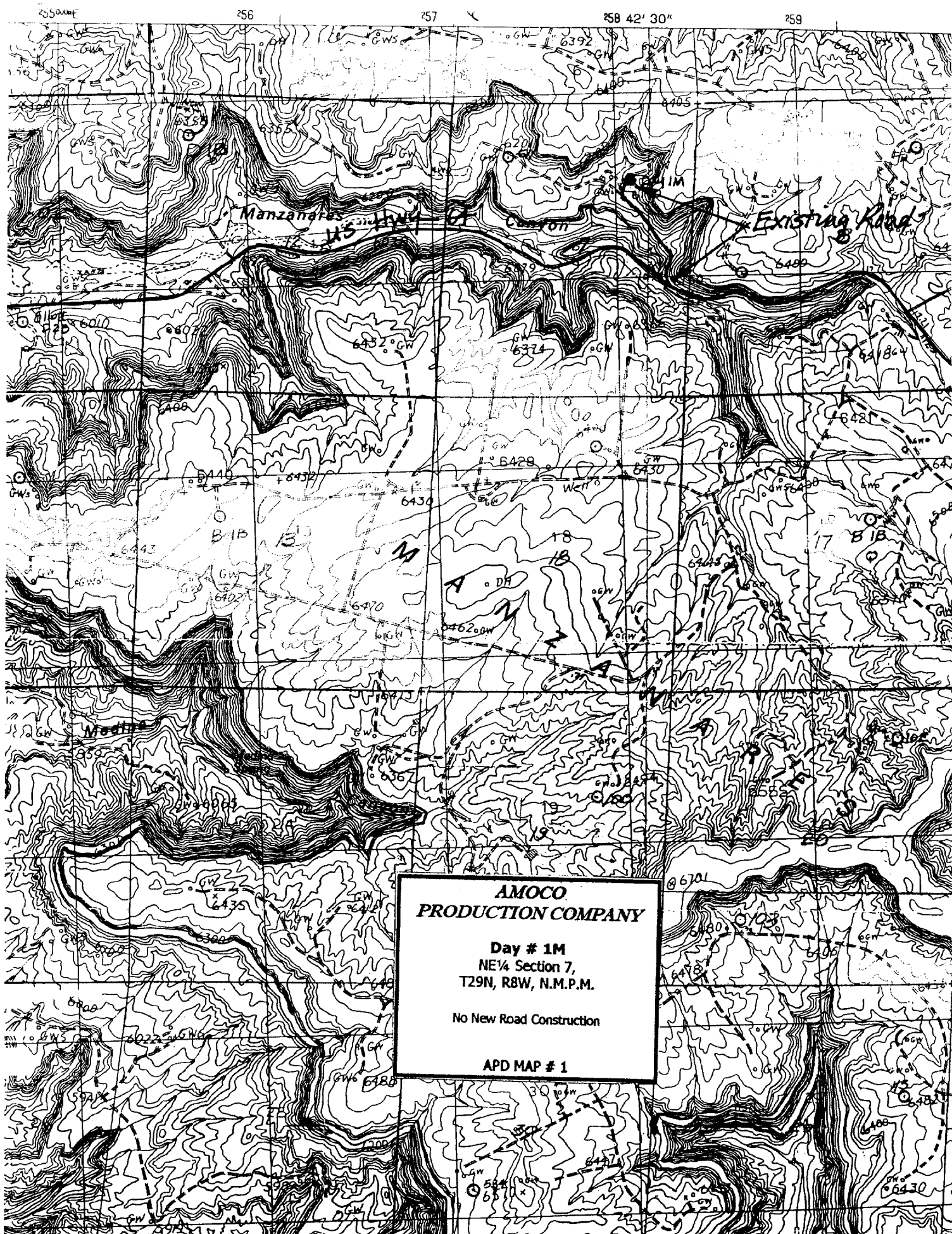
11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	7	29 N	8 W		2500	SOUTH	700	EAST	SAN JUAN

12 Dedicated Acres 320	13 Joint or Infill	14 Consolidation Code	15 Order No.
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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

16					17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Mary Corley Signature MARY CORLEY Printed Name SR Regulatory Analyst Title 06-19-2001 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 6, 2001 Date of Survey Signature and Seal of Professional Surveyor 7016 Certificate Number					



**AMOCO PRODUCTION COMPANY
DRILLING AND COMPLETION PROGRAM**

Prospect Name: Day
Lease: DAY
County: San Juan
State: New Mexico
Date: June 19, 2001

Well No: 1M
Surface Location: 7-29N-8W, 1290 FNL, 1190 FEL
Field: Blanco Mesaverde/Basin Dakota

OBJECTIVE: Drill 450' below the base of the Greenhorn Limestone, 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: 6207		Estimated KB: 6221	
Rotary	0 - TD				
LOG PROGRAM		MARKER		SUBSEA	MEAS. DEPTH
TYPE	DEPTH INVERAL	Ojo Alamo		4443	1922
OPEN HOLE		Fruitland Coal	*	3663	2823
GR-Induction	TD to 7" shoe	Pictured Cliffs	*	3364	3169
Density/Neutron	TD to 7" shoe	Lewis Shale	#	3320	3220
CASED HOLE		Cliff House	#	1774	4824
GR-CCL-TDT	TDT - TD to 7" shoe	Menefee Shale	#	1616	4983
CBL	Identify 4 1/2" cement top	Point Lookout	#	1163	5436
		Mancos		1036	5563
		Greenhorn		-820	7418
		Bentonite Marker		-878	7476
		Two Wells	#	-920	7518
		Dakota MB	#	-1049	7647
		Burro Canyon	*	-1175	7773
		Morrison	*	-1225	7823
		TOTAL DEPTH		-1328	7876
		# Probable completion interval * Possible Pay			
SPECIAL TESTS		DRILL CUTTING SAMPLES		DRILLING TIME	
TYPE		FREQUENCY	DEPTH	FREQUENCY	DEPTH
None		10 feet	Production hole	Geolograph	0-TD
REMARKS:					
- Please report any flares (magnitude & duration).					

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 - 3324 (1)	Water/LSND	8.6-9.2		<6	
3324 - 7773	Gas/Air/N2/Mist	Volume sufficient to maintain a stable and clean wellbore			
7773 - 7876 (2)	LSND	9.0-9.2		<6	

REMARKS:

- (1) The hole will require sweeps to keep unloaded while fresh water drilling. Let hole conditions dictate frequency.
(2) Mud up 50' above Morrison +/-.

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 1	3324	7"	J/K-55 ST&C	20#	8.75"	1,2
Production	7876	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/KAT		
Form 46 12-00 KAT		

Amoco Production Company
BOP Pressure Testing Requirements

Well Name: Day 1M
County: San Juan

State: New Mexico

Formation	TVD	Anticipated Bottom Hole Pressure	Maximum Anticipated Surface Pressure **
Ojo Alamo	1779		
Fruitland Coal	2558		
PC	2857		
Lewis Shale	2901		
Cliff House	4447	500	0
Menefee Shale	4606		
Point Lookout	5059	600	0
Mancos	5186		
Dakota	7141	2600	1459

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

Requested BOP Pressure Test Exception: 3000 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.