	M 3160-3
(ful)	1992)
- 17	

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

FORM APPROVED

OMB NO. 1004-0136 Expires February 28, 1995

/ \		NT OF THE IN FLAND MANAGE			5. LEASE DESIGNATION AND	SERIAL NO.
<u>. </u>	PLICATION FOR			-	SF - 078116 6. IF INDIAN, ALOTTEE OR TE	RIBE NAME
<u> </u>	ORILL X	DEEPEN			7. UNIT AGREEMENT NAME	_
TYPE OF WELL OIL		OTHER	anici s	LTIPLE X	8. FARM OR LEASE NAME, W	ELL NO.
WELL -	OCO PRODUCTION CO		SINGLE MU ZONE ZON		FLORANCE	2M
P.O. HOU	BOX 3092 USTON , TX	77079			9. API WELL NO. 30-045-	3067
I. ADDRESS AND TELEPHONE MARY CORLEY AUTHORIZED REPRE		PHONE 281.366.4 FAX: 281.366.0 EMAIL: corley ml	0700 /		10. FIELD AND POOL, OR WIL	DCAT
LOCATION OF WELL (Report	location clearly and in accordance	with any State requirements.*)	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	रेज 🔣	BASIN DAKOTA/BLA	NCO MESAVEI
At Surface 2355FNL AND 1785FEL At proposed prod. zone	SWNE SEC 20 T30N	R9W				g gw
4. DISTANCE IN MILES AND D 12 MILES FROM AZTE	DIRECTION FROM THE NEARES	T TOWN OR POST OFFICE			12. COUNTY OR PARISH SAN JUAN	13. STATE
5. DISTANCE FROM PROPOSE COCATION TO NEAREST PROPERTY OR LEASE LINE, FT Also to nearest drig, unit line, if ar	Γ.	16. NO. ACRES I 320.00	N LEASE	17. NO. OF A TO THIS WE 320.00	ACRES ASSIGNED	
8. DISTANCE FROM PROPOSE TO NEAREST WELL, DRILLING OR APPLIED FOR, ON THIS LEA	ED LOCATION* G, COMPLETED,	19. PROPOSED I 7476 MD / T		20. ROTARY ROTARY	OR CABLE TOOLS	
1. ELEVATIONS (Show whether	r DF, RT, GR, etc.) 6080 GL		··_ ·		22. APPROX. DATE WORK WII 05/14/2001	LL START*
3.		PROPOSED CASING A	ND CEMENTING PROGR	AM	103/14/2001	
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH		QUANTITY OF CEME	NT T
well to a total depth of ap lays to establish product lownhole commingling a production has been esta Blanco Mesaverde. Pleas	pproximately 7476', compion rate, add the Blanco luthority (NMOCD order blished in the Basin Dako se see attachment for well	olete in the Basin Dakot Mesaverde Pool and co R-11363) will be subm Ita Pool and prior to co drilling and completion	spectfully request permissi a Pool, produce the well fo mmingle production down itted to all appropriate pa mpletion of and downhole n program and supporting	or approximate hole. Applicat rties for appro commingling documentation	ely 30 ion for val after with the ons.	
 procedural review 	Y DUIDUMIN IN AS CAS					The second secon
procedural review and apposit perce	ant to 43 CFR 3165.			100 40 0 100 40 0 100 40 40		71 - 11 5 61 - 201 59
and appreal perce NABOVE SPACE DESCR leepen directionally, give per	IBE PROPOSED PROGRAI ertinent data on subsurface I ELECTRONIC SUBI FOR AMOCO PRODUCT	M: If proposal is to deepen ocations and measured ar MISSION #3524 VERII	, give data on present produc Id true vertical depths. Give b FIED BY THE BLM WEL ENT TO THE FARMING AUTHORIZED REPRES	tive zone and pr lowout prevente L INFORMA TON	roposed productive zone. If r program, if any. TION SYSTEM FIELD OFFICE	S. CEP

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 Pe, 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

API Number		¹ Pool Code	•			
30-045-30	624	71599 & 72319	BASIN DAKOTA & BLANCO	MESAVERDE		
' Property Code			Property Name	Well Number		
00518	FL	FLORANCE				
OGRID No.		4 Operator Name				
000778	AN	AOCO PRODUCTIO	6080			

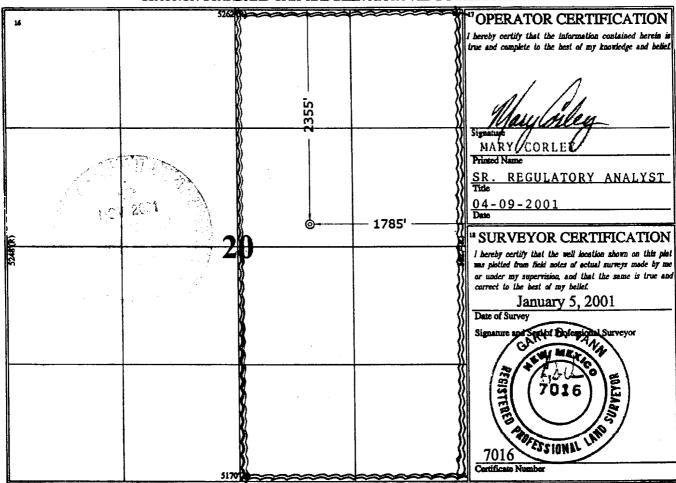
Surface Location

1	UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	Rast/West line	County
	G	20	30 N	9 W	Į.	2355	NORTH	1785	EAST	SAN JUAN

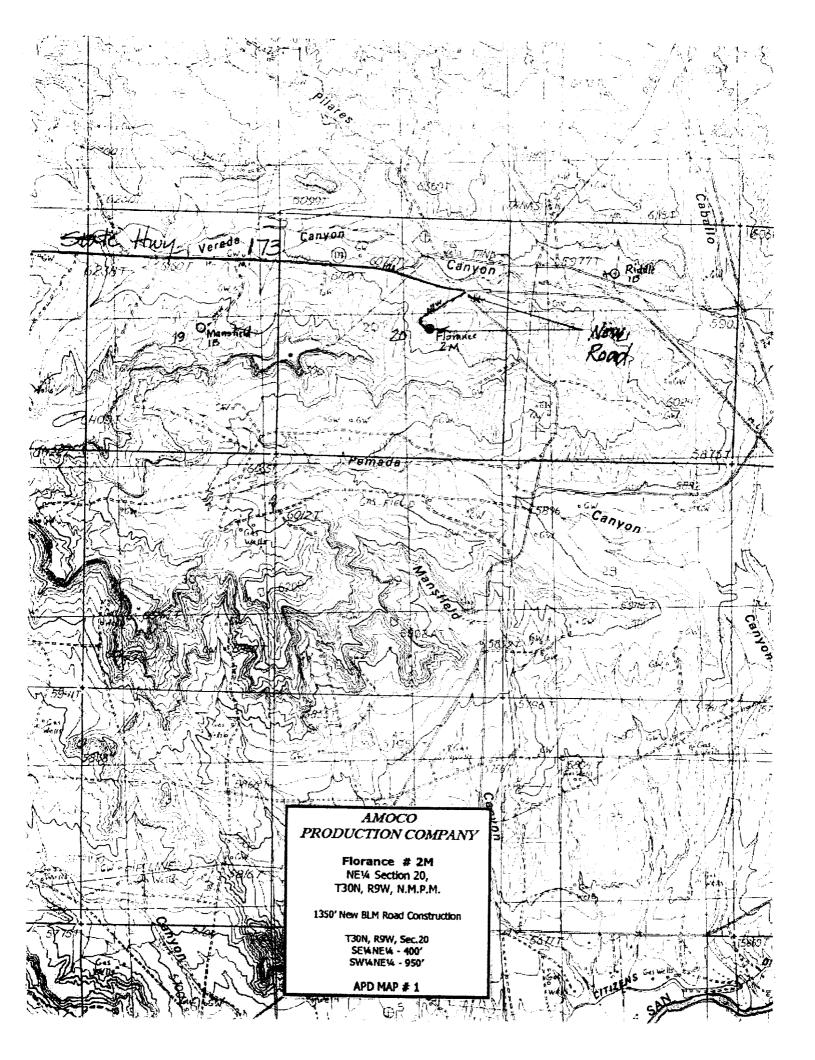
" Bottom Hole Location If Different From Surface

7 UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B Dedicated Acres	Dedicated Acres U Joint or Infill M Consolidation Code U Order No.								
320.00									

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



(R) - BLM Record



AMOCO PRODUCTION COMPANY DRILLING AND COMPLETION PROGRAM

Prospect Name: Florance

Lease: FLORANCE
County: San Juan

State: New Mexico Date: May 27, 2001 Well No: 2M

Surface Location: 20-30N-9W, 2355 FNL,1785 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							
ME	APPROXIMATE DEPTHS OF GEOLOGICAL MARKER						
TYPE OF TOOLS	DEPTH OF DRILLING	Estimated GL			Estimated I		6094
Rotary	0 - TD	MARKER		S	UBSEA	MEA	S. DEPTH
	LOG PROGRAM	Ojo Alamo			4580		1514
TYPE	DEPTH INVERAL	Fruitland Coal	*		3906		2188
OPEN HOLE		Pictured Cliffs	*		3317		2777
GR-Induction	TD to 7" shoe	Lewis Shale	#		3239		2855
Density/Neutron	TD to 7" shoe	Cliff House	#		1690		4404
		Menefee Shale	#		1496		4598
CASED HOLE		Point Lookout	#		1072		5022
GR-CCL-TDT	TDT – TD to 7" shoe	Mancos			962		5132
CBL	Identify 4 1/2" cement top	Greenhorn			-930		7024
		Bentonite Marker			-982		7076
REMARKS:		Two Wells	#		-1025		7119
- Please report any flare	s (magnitude & duration).	Dakota MB	#		-1168		7262
		Burro Canyon	*		-1318		7412
		Morrison_	*		-1368		7462
		TOTAL DEPTH		·	-1472		7566
		# Probable comple			* Possible	Pay	
	SPECIAL TESTS	DRILL CUTTIN	G SAMP	LES	DRILL	LING	TIME
TYPE		FREQUENCY	DEPTH		FREQUEN	CY	DEPTH
None		10 feet	Production	hole	Geolograph		0-TD
REMARKS:							

MUD PROGRAM:									
Approx.	Inte	rval		Type Mud	Weight, #/ga	Vis, sec/qt	W/L cc's/30 min	Other Specification	
0	-	120-135	3 jts.	Spud	8.6-9.2			·	
120-135	-	2955	(1)	Water/LSND	8.6-9.2		<6		
2955	-	7412		Gas/Air/N2/Mist	Volume suf	ficient to maint	ain a stable and clea	an wellbore	
7412		7566	(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	120-135	9 5/8"	H-40 ST&C	32#	12.25"	1				
Intermediate 1	2955	7"	J/K-55 ST&C	20#	8.75"	1,2				
Production	7566	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:	
		May 1, 2001	
HGJ/KAT		Version 2.0	
Form 46 12-00 KAT			

Amoco Production Company BOP Pressure Testing Requirements

Well Name:

FLORANCE 2M

County:

San Juan

State: New Mexico

Formation	TVD	Anticipated Bottom Hole Pressure	Maximum Anticipated Surface Pressure **
Ojo Alamo	1514		
Fruitland Coal	2188		
PC	2777		
Lewis Shale	2855		
Cliff House	4404	500	0
Menefee Shale	4598		
Point Lookout	5022	600	0
Mancos	5132		
Dakota	7119	2600	1471

** 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.