SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved. Budget Bureau No. 1004-0136 Expires: December 31, 1991

, , , , , , ,		UNITED STA	ATES	\$	reverse side)		Expires: December 31, 1991		
		TMENT OF T					5. LEASE DESIGNATION AND SERIAL NO.		
BUREAU OF LAND MANAGEMENT						SF-078765 6. IF INDIAN, ALLOTTEE OR TRIBE NAME			
	APPLICATION F	OR PERMI	TT	D DRILL OR	DEEPEN		N/A		
Ia. TYPE OF WORK	DDII 1971	DEED	W MI	2005	HIN 2 PM	10 30	7. UNIT AGREEMENT NAME		
b. TYPE OF WELL	DRILL K	DEEP	EN	- 2005	JUN 3 AM	10 00	Rosa Unit		
MEIT U	GAS WELL X OTHER			SINGLE ZONE	MULTIPLE ZONE E C E I VED		8. FARM OR LEASE NAME, WELL NO.		
2. NAME OF OPERATOR					TO FARMING TO		Rosa Unit 180B		
	illiams Production Cor	nnany LLC) IO I AIMMINOTO) Y	30-045-33134		
3. ADDRESS AND TELES		iipany, LLC					10. FIELD AND POOL, OR WILDCAT		
	O. Box 316— Ignacio,						Blanco MV		
4. LOCATION OF WELL: At surface	(Report location clearly and in accord	•					II. SEC.,T.,R.,M., OR BLK.		
At proposed prod. zone		, 845' FWL		V/4 SW/4 (L)			Section 9,		
14. DISTANCE IN MILES	1,900' FSL S AND DIRECTION FROM NEARE	, 845' FWL st town or post of	ICE*	7/4 SW/4 (L)			T31N, R6W, NMPM 12. COUNTY OR PARISH 13. STATE		
		NE of Navaho		NM			San Juan NM		
15. DISTANCE FROM PR LOCATION TO NEAR	OPOSED*			D. OF ACRES IN LEASE			ACRES ASSIGNED IS WELL		
PROPERTY OR LEAS (Also to nearest drig. us	E LINE, FT.	.,					11/2		
18. DISTANCE FROM PR	OPOSED) -	19. PR	OPOSED DEPTH			O acres VV		
LOCATION TO NEAL DRILLING, COMPLE	TED, OR								
21. ELEVATIONS (Show	1/- 1.5	00'		+/- 6,130' MD			OTATY APPROX. DATE WORK WILL START*		
21. ELEVATIONS (Slow	,								
	6,386		IDIC A	ND CEMENTING I	DOCD AN		August 1, 2005		
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FO		SETTING DEPTH	ROGRAM	QUANT	TTY OF CEMENT		
					160 1 T 17				
12-1/4"	9-5/8" K-55	36#		+/- 300'	<u> </u>		CaCl ₂ + 1/4 #/sk. Cello-Flakes		
8-3/4" 6-1/4"	7" K-55 4-1/2" K-55	20# 10.5#		+/- 3,660' +/-3,560-6,130'		ead and 50 sacks Tail (see Drilling Plan) and and 100 sacks Tail (see Drilling Plan)			
1	1 4-1/2 K-55	10.5#		17-3,300-0,130	JO Sacks Dead and 100	Sacks Tall (see Dinning Frant		
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Other Inform	4:					a territoria			
Other Inforn	nation: Drilling Plan, Sur	face I ise Plan a	nd nit	annlication are a	ttached	ATT 131	41578		
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					1	Elmon	102 (Z) Z02		
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IN ABOVE SPACE pertinent data on subsurface	DESCRIBE PROPOSED P e locations and measured and true ver	ROGRAM: 17 propose tical depths. Give blowou	d is to de t prevente	epen, give data present prod er program, if any.	uctive zone and proposed new pro	oductive zone. If	f proposal is to drill or deepen directionally, give		
24.	. 1 • 11		•						
signed De	n Hamilton De	on Hamilton T	TILE_	Agent for Wi	lliams	DATE	May 31, 2005		
(This space for Federal or State office use)									
PERMIT NO APPROVAL DATE									
Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. CONDITIONS OF APPROVAL, IF ANY:									
	AM	/_		SEM			3/13/86		
APPROVED BY DATE 1/3/00									
*See Instructions On Payarea Side									

District I PO Box 1980, Hobbs, NM 88241-1980

District II PO Drawer DD, Artesia, NM 88211-0719

District III 1000 Rio Brazos Rd., Aztec. NM 87410

API Number

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 bmit to Appropriate District Office

Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

Pool Name

Certificate Number

15269

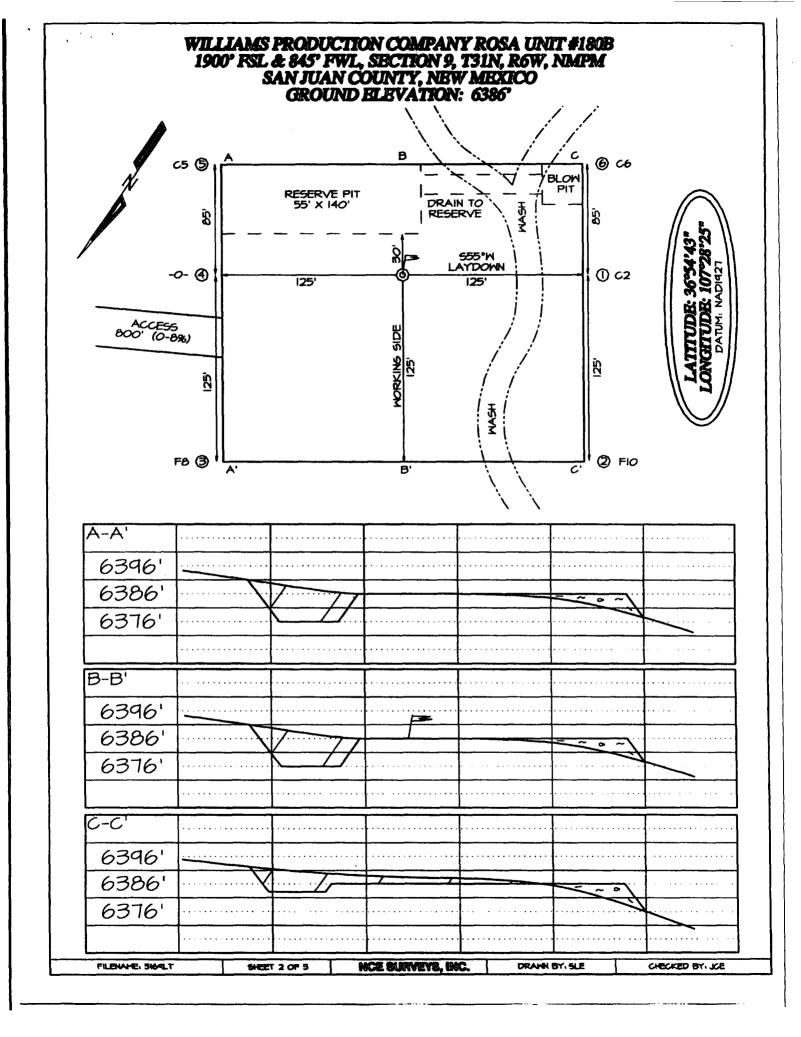
AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLA	WELL	LOCATION	AND	ACREAGE	DEDICATION	PLA
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Pool Code

	ALT MOUNDS	r i	i	- HOOT C	ooe				. LOOT Maill	E			
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*Property Code *Propert													
17033 ROSA (A U	UNIT 180B							
OGRID No. Operator					ator	Name				•E	levation		
12078	32 /			WILLIA	AMS PRO	DUC	CTION COMPA	NY		/		6386 '	
				1	O Surfac	ce l	ocation				· · · · · · · · · · · · · · · · · · ·		
UL or lot no.	Section	Township	Range	Lot Joh	Fest from (ert	North/South line	Fee	t from the	East/We	it live	County	
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	L	11 Bo	ttom	Hole L	ocation	If	Different	Fro	m Surf	ace			
UL or lot no.	Sect ion	Township	Ranga	Lot Jan	Feet from (the	North/South line	Fee	t from the	East/Ne	st line	County	
				,									
Dedicated Acres		0 4000		W (3)	¹⁰ Joint or Inf	111	⁶⁴ Consolidation Code	25 Order	No.				
	320	.0 Acres	· -, (M/2)									
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Submit 3 Copies To Appropriate District Office	State of New Me Energy, Minerals and Natu		Form C-103 May 27, 2004		
District I 1625 N. French Dr., Hobbs, NM 88240	Elicigy, Millicials and Hall	nai Kesouices	WELL ADINO		
District II	OIL CONSERVATION	DIVISION	30-045-33134		
1301 W. Grand Ave., Artesia, NM 88210 District III	1220 South St. Fran		5. Indicate Type of Lease Federal		
1000 Rio Brazos Rd., Aztec, NM 87410	Santa Fe, NM 8		STATE FEE 6. State Oil & Gas Lease No.		
District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505	Sulla 1 0, 1444 0	7505	SF-078765		
SUNDRY NOT	ICES AND REPORTS ON WELLS		7. Lease Name or Unit Agreement Name		
	SALS TO DRILL OR TO DEEPEN OR PL CATION FOR PERMIT" (FORM C-101) F				
PROPOSALS.)	<u></u>	on soon	Rosa Unit 8. Well Number 180B		
1. Type of Well: Oil Well	Gas Well Other				
2. Name of Operator Williams Production Company,	(I.C		9. OGRID Number 120782		
3. Address of Operator	LIC		10. Pool name or Wildcat		
999 Goddard Ave, Ignacio, CO	81137		Bianco MV		
4. Well Location					
1	.900 feet from the S line a	nd 845 feet from	the W line		
Section 9			NMPM County San Juan		
Social	11. Elevation (Show whether DR				
	6,386' GL				
Pit or Below-grade Tank Application	r Closure		7200 < 1000		
Pit typeDrillingDepth to Groun	dwater > 100' Distance from nearest	fresh water well <u>>1000</u>	Oft Distance from nearest surface water >2,780-ft		
Pit Liner Thickness: 12 mil	Below-Grade Tank: Volume	bbls; Construc	tion Material		
12. Check	Appropriate Box to Indicate N	lature of Notice,	Report or Other Data		
NOTICE OF IN	ITENTION TO:	CUD	CECUENT DEDODE OF		
PERFORM REMEDIAL WORK	ITENTION TO: PLUG AND ABANDON □	REMEDIAL WOR	SEQUENT REPORT OF: K		
TEMPORARILY ABANDON	CHANGE PLANS	COMMENCE DR			
PULL OR ALTER CASING		CASING/CEMEN			
			_		
OTHER:		OTHER:			
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or recompletion.	Jik). SEE ROEE 1103. For Multip	ne Completions. At	mach welloofe diagram of proposed completion		
•					
Dit to be leasted enpreyimately F	O to 75 foot from well board. Dit	will be for mould we			
			se drilling and completion to avoid n tubing set. Pit to be constructed,		
operated and closed in accordar	ace with NMOCD guidelines and	Williams procedu	res.		
		, , , , , , , , , , , , , , , , , , ,			
			,		
I hereby certify that the information grade tank has been/will be constructed or	above is true and complete to the boolean according to NMOCD guidelines	est of my knowledg ⊠, a general permit □	e and belief. I further certify that any pit or below- or an (attached) alternative OCD-approved plan .		
SIGNATURE Don N	amiltonTITLE_	Agent D	ATE <u>5/31/05</u>		
Type or print name Don Ha	milton E-mail address: st	arpoint@etv.net	Telephone No. 435-719-2018		
For State Use Only		Lamenantinet	1 0 10 110. 400-117-2010		
	/ /	utv on 6 gas insi			
APPROVED BY: Conditions of Approval (if any):	TITLE	G. OTE & WITE STEEL	DATE MAR 1 3 2006		





WILLIAMS PRODUCTION COMPANY

Operations Plan

(Note: This procedure will be adjusted on site based upon actual conditions)

DATE: 5/30/2005 FIELD:

Blanco MV

WELL NAME:

Rosa #180B

San Juan, NM

SURFACE:

BLM

BH LOCATION:

NWSW Sec 9-31N-6W

MINERALS:

BLM

ELEVATION:

6,386' GR

LEASE#

SF-078765

MEASURED DEPTH: 6,130'

I. GEOLOGY: Surface formation - San Jose

A. FORMATION TOPS: (KB)

Name	MD	Name	MD
Ojo Alamo	2,390	Cliff House	5,395
Kirtland	2,510	Menefee	5,440
Fruitland	2,940	Point Lookout	5,680
Picture Cliffs	3,185	Mancos	5,975
Lewis	3,480	TD	6,130

B. MUD LOGGING PROGRAM: None

C. LOGGING PROGRAM: High Resolution Induction/ GR and Density/ Neutron log from surface to intermediate casing point and High Resolution Induction/ GR and Density/ Neutron log from intermediate shoe to TD. Onsite geologist will pick Density/ Neutron log intervals on both logging runs.

D.

E. NATURAL GAUGES: Gauge any noticeable increases in gas flow. Record all gauges in Tour book and on morning reports.

II. DRILLING

- A. MUD PROGRAM: Clear water with benex to 7" casing point. Convert to a LSND mud to log and run pipe. Treat for lost circulation as necessary. Obtain 100% returns prior to cementing. Notify Engineering of any mud losses. Use air w/Air Hammer from 7 in. csg.to TD.
- B. **BOP TESTING**; While drill pipe is in use, the pipe rams and the blind rams will be function tested once each trip. The anticipated reservoir is expected to be less than 1300 psi, so the rams will be tested to 1500 psi. The surface and intermediate casing strings will be pressure tested to 1500 psi in conjunction with the BOP test before drilling out cement. The drum brakes will be inspected and tested each tour. All tests, inspections and SPR's will be recorded in the tour book as to time and results.

III. MATERIALS

A. CASING PROGRAM:

CASING TYPE	HOLE SIZE	DEPTH (MD)	CASING SIZE	WT. & GRADE
Surface	12-1/4"	+/- 300'	9-5/8"	36# K-55
Intermediate	8-3/4"	+/- 3,660'	7"	20# K-55
Prod. Liner	6-1/4"	+/- 3,560'-6,130'	4-1/2"	10.5# K-55

B. FLOAT EQUIPMENT:

- 1. <u>SURFACE CASING:</u> 9-5/8" notched regular pattern guide shoe. Run (1) standard centralizer on each of the bottom (3) joints of Surface Casing.
- 2. INTERMEDIATE CASING: 7" cement nose guide shoe with a self-fill insert float. Place float collar one joint above the shoe. Install (1) Turbulent centralizer on each of the bottom (3) joints and one standard centralizer every (3) joints to 2,500 ft. Run (1) Turbulent centralizer at 2,700 ft., 2,500 ft., 2,300ft., 2,000ft., 1,500 ft., and 1,000 ft. (NTL-FRA 90-1).
- 3. <u>PRODUCTION CASING:</u> 4-1/2" & 5-1/2" whirler type cement nose guide shoe with a latch collar on top of 20' bottom joint. Place marker joint above 5,400'. Place centralizers as needed across selected production intervals.

C. CEMENTING:

(Note: Volumes may be adjusted onsite due to actual conditions)

- 1. SURFACE: Slurry: 150sx (205 cu.ft.) of "Type III" + 2% CaCl₂ + ¼ # of cello-flake/sk (Yield = 1.39 cu.ft./sk, Weight = 14.5 #/gal.). The 100% excess should circulate cement to the surface. WOC 12 hours. Test csg to 1500psi.
- 2. INTERMEDIATE: Lead 460 sx (960) cu.ft.) of "Type III" 65/35 poz with 8% gel, 1% CaCl₂ and 1/4# cello-flake/sk (Yield = 2.09 cu.ft./sk, Weight = 12.1 #/gal.). Tail 50 sx (70 cu.ft.) of "Type III" with 1/4# cello-flake/sk, and 1% CaCl₂ (Yield = 1.4 cu.ft./sk, Weight = 14.5#/gal.). Use 100% excess in Lead Slurry to circulate to surface. No excess in Tail Slurry. Total volume = 1.022 cu.ft. Bump Plug to 1,500 psi. Notify engineering if cement is not circulated to surface.
- 3. PRODUCTION LINER: 10 bbl Gelled Water space. Lead: 50sx (130ft³) of Premium Light HS + 1% FL-52 + .2% CD-32, 0.1% R-3, 3 #/sk CSE. (Yield = 2.59 cu.ft./sk, Weight = 11.6 #/gal.). Tail: $100 \underline{sx}$ (215 ft³) of Premium Light HS + 1% FL-52 + .2% CD-32, 0.1% R-3, 3 #/sk CSE, ¼ #/sk cello flake and 4% Phenoseal. (Yield = 2.15 ft³/sk, Weight = 12.3 #/gal.). Displace cement at a minimum of 8 BPM. The 20% excess in lead and tail should cover 100 ft into intermediate casing. Total volume 330 ft³. WOC 12 hours

Rosa #180B Operations Plan Page #3

IV COMPLETION

A. CBL

1. Run Cement Bond Log across all intervals to be perforated and find Top of Cement behind all casing strings if cement is not circulated to surface.

B. PRESSURE TEST

1. Pressure test 7" & 4-1/2" casing to 3300# for 15 minutes.

C. STIMULATION

- 1. Perforate the Point Lookout as determined from the open hole logs.
- 2. Stimulate with approximately 80,000# of 20/40 sand in slick water.
- 3. Isolate Point Lookout with a CIBP.
- 4. Perforate the Menefee/Cliff House as determined from the open hole logs.
- 5. Stimulate with approximately 80,000# of 20/40 sand in slick water.
- 6. Test each zone before removing bridge plugs.

D. RUNNING TUBING

1. <u>Mesa Verde:</u> Run 2-3/8", 4.7#, J-55, EUE tubing with a SN (1.91" ID) on top of bottom joint. Land tubing approximately 25' above the bottom Point Lookout perforation.

Gary Sizemore Sr. Drilling Engineer



Well Control Equipment Schematic for 2M Service

Typical BOP setup

