UNITED STATES

FORM APPROVED

Expires January 31, 200)4
5. Lease Serial No.	

NAME OF COURSE

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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 operations thereon. Conditions of 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 operations for 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 operations of approval, if any, are attached.	APPLICATION FOR PERMIT TO DE					
Ib. Type of Well: Oil Well See Gas Well Other Single Zone Multiple Zone 1008 2. Name of Operator 9. API Well No. 1008 3. Address 10. Floor of Well: P.O. BOX 316 Ionacio. CO 81137 9. Section 21. 31N. 6W 11. Sec., T., R., M., or Bik. and Surv As surface 805 FSL & 2005 FEL At proposed prod. zone same 11. Sec., T., R., M., or Bik. and Surv As surface 805 FSL & 2005 FEL At proposed prod. zone same 12. County or Parish 13. Filo Arriba 15. Distance from proposed 2 location to nearest location to learnest diff, until line if any) 805 2.552.71 320.00 (8/2) 18. Distance from proposed location* to nearest diff, until line if any) 805 2.552.71 320.00 (8/2) 18. Distance from proposed location* to nearest diff, until line if any) 805 2.552.71 320.00 (8/2) 18. Distance from proposed location* to nearest diff, until line if any) 805 2.552.71 320.00 (8/2) 18. Distance from proposed location* to nearest diff, until line if any) 805 2.552.71 320.00 (8/2) 18. Distance from proposed location* to nearest diff, until line if any) 805 2.552.71 320.00 (8/2) 18. Distance from proposed location* 19. Proposed Depth 20. BLM/BIA Bond No. on file to nearest diff, until line if any) 805 2.552.71 320.00 (8/2) 18. Distance from proposed location* 19. Proposed Depth 20. BLM/BIA Bond No. on file to nearest diff, until line if any) 805 2.552.71 320.00 (8/2) 18. Distance from proposed location* 19. Proposed Depth 20. BLM/BIA Bond No. on file to nearest diff. Until Republicant difference of the proposed location and Republicant difference of the proposed location and Republicant difference of the proposed location and Republicant difference of the proposed location approval does not warrant or certify that the applicant operations thereon. Conditions of approval, if an		RILL OR REENTER		6. If Indian, Allottee	or Tribe	Name
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8. Lease Name and Well No. 100B 2. Name of Operator 2. Name of Operator 3. Address 3. Address 3. Address 3. Address 3. Address 4. Location of Well (Report location clearly and in accordance with any State requirements.*) 4. Location of Well (Report location of learly and in accordance with any State requirements.*) 4. Location of Well (Report location of learly and in accordance with any State requirements.*) 4. Location of Well (Report location of learly and in accordance with any State requirements.*) 4. Location of Well (Report location of learly and in accordance with any State requirements.*) 4. Location of Well (Report location of learly and in accordance with any State requirements.*) 4. Distance from proposed prod. zone 5. Section 21. 31N. 6NV 12. County or Parish 13. Pilo Arriba 14. Distance from proposed location* 15. Distance from proposed location* 16. No. of Acres in lease 17/-Spacing Unit dedicated to this well location to nearest well, drilling, completed, applied for, on this lease, ft. 4. Journal of the proposed Depth 5. Section 21. 31N. 6NV 19. Proposed Depth 20. BLMBIA Bond No. on file to nearest well, drilling, completed, applied for, on this lease, ft. 50' 21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4. Sond to cover the operations unless covered by an existing bond length 2 above). 5. Operator certification. 1. Well plat certified by a registered surveyor. 2. A Drilling Plan. 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). 1. Name (Printed/Typed) 1. Date 5/100 1. Date 6. Such other site specific information and/or plans as may be required officer. 1. Name (Printed/Typed) 1. Date 5/100 1. Date 6. Such other site specific information and/or plans as may be required officer. 1. Name (Printed/Typed) 1. Date	of work: \(\text{\text{Z}}\) DRILL \(\text{REENTE}	R		•	,	
2. Name of Operator Milliams Production Company, 11 G. 3a. Address 3b. Phone No. (include afred code) P.O. Box 316 Ignacio, CO 81137 4. Location of Well (Report location clearly and in accordance with any State requirements.*) At surface 805 FSL & 2005 FEL At proposed prod. zone same 14. Distance in miles and direction from nearest town or post office* approximately 30 miles northeast of Blanco, New Mexico 15. Distance from proposed* location to pearest, eff. (Also to nearest well, drilling, completed, applied for, on this lease, ft. (Also to nearest well, drilling, completed, applied for, on this lease, ft. 6,376 GR 21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6,376 GR 22. Approximate date work will start* 23. Estimated duration 14. Bond to cover the operations unless covered by an existing bond length of the state of the stat			Ţ		eli No.	
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WH. 10 TT C C C 1001 . 1001 40 TT C C C	s thereon.	legal or equitable title to those rights in	n the subject le	ease which would entitl	e the appli	cant to condu
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.	y false, fictitious or fraudulent statements or representations as t		d willfully to	make to any departmen	nt or agenc	y of the Unite
*(Instructions on reverse)	·					
Williams Exploration and Production Company, LLC, proposes to drill a well to develop the Blanco Mesaverde/Basin Dakota formation at the above location in accordance with the attached drilling and surface use plans.	Exploration and Production Company, LLC, proposes to in accordance with the attached drilling and surface use part of the control of the cont	drill a well to develop the Blanco N plans.	flesaverde/B	asin Dakota formation	n at the al	bove describ
The surface is under jurisdiction of the Bureau of Land Management, Farmington Field Office.	ace is under jurisdiction of the Bureau of Land Managem	ent, Farmington Field Office.				
This location has been archaeologically surveyed by Independent Contract Archaeology. Copies of their report have been submitted directly to the	ition has been archaeologically surveyed by Independent	t Contract Archaeology. Copies of	their report h	ave been submitted	direcity to	the BLM.
This location is proposed to be twinned with the proposed Rosa 260A well.	ition is proposed to be twinned with the proposed Rosa 2	260A well.		070	5	
This APD is also serving as an application to obtain road and pipeline rights-of-way. An 1100-foot road and an 1165.70-foot pelipe tie would be re) is also soming as an amplication to obtain used and air.	eline rights-of-way. An 1100-foot re	oad and an 1	165.70-foot pipeline	tie Would	be required
this location.	ris also serving as an application to obtain road and pipe	- ·		יולא איני		•
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District I PD 80x 1980, Hobbs. NM 88241-1980

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

District III 1000 Rio Brazos Rd., Aztec, NM 87410 State of New Mexico
Energy, Minerals & Natural Resources Department

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

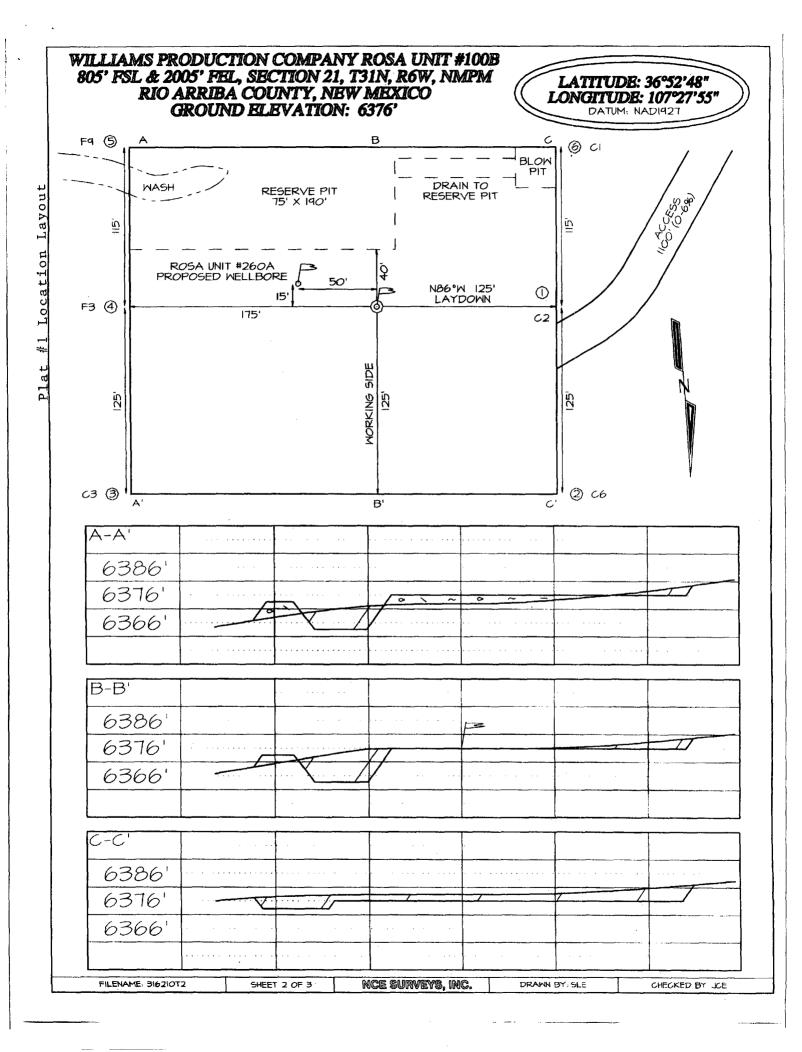
Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT POPT Number	District IV PO Box 2088.	Santa Fe.	NM 87504-	-2088				•		^	MENDE	D REPORT
Property Code Property Name Property Nam		٠		WELL	LOCAT	ION AND A	CREAGE DED:	ICAT:	ION PL	.TA		
Property Code 17033 ROSA UNIT 100B 160762 ROSA UNIT 100B 170SERIOR OR MELLION 180S ROSA UNIT 100S ROSA UN			954-	7 723			BLANCO M			-	DAKO	TA
## 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 10	*Property	Code	/		·							1
CLUE O 21 31N 6W 805 North-Stade line Feet from the North-Stade line Feet from the Cart Cant Cant Cant Cant Cant Cant Cant Can					WILLI	•		ANY	·			
O 21 31N 6W 805 SOUTH 2005 EAST ARIBA 11 BOTTOM Hole Location If Different From Surface U. or lot no. Section formation Reven Let for Feet from the North/South line Feet from the East/Next line County ** Conditional Acres 320.0 Acres - (S/2) "Joint or Infill" "Greenistation Code or Conty 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 TOPERATOR CERTIFICATION Interest certify the true information to the test: of my knowledge and belief		,				¹⁰ Surface	Location			·		
UL or but no. Section formation forms Ur for real from the North-Vision 13/2 First from the North-V			1		Lot Idn			1		•		RIO
320.0 Acres - (S/2) 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 5280.00 TRACT 40 TRACT												
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 5280.00 TRACT 40 TRACT 40 TRACT 40 TRACT 40 TRACT 40 TRACT 40 TOPERATOR CERTIFICATION Interest is true end conclusion to the best of my knowledge and balled to the best of my knowledge and balled from this plat was platted from fill between the standard property of the tree well location of this plat was platted from fill between the standard property of the best of my balled. Survey Date: FEBRUARY 28, 2002 SF-078766 TRACT 40 TRACT	U. or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet	from the	East/Hes	it line	County
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION 5280.00 DERNATOR CERTIFICATION Interestion to the set of my knowledge and belief to the best of my belief to the my belief to	12 Dedicated Acres	320).0 Acre	s - (S	3/2)	a Joint or Infill	¹⁴ Compolidation Code	²⁵ Order	No:	<u> </u>		
TRACT 40 TRACT	NO ALLOI	WABLE W	ILL BE	ASSIGNE NON-SI	D TO TH	IS COMPLETI UNIT HAS B	ON UNTIL ALL EEN APPROVED	INTE BY TI	RESTS H	AVE BE	EN CON	ISOL IDATED
	280.00	FIVE	Div	OT 1 20	21=	LOT 2		5280.00	I hereby containe to the I Signature Signature Printed Date **SURV I hereby shown on notes of my supervey and corre Survey Signature	EYOR Certify the Mame EYOR Certify the plat actual sur- lision, and seal Cort of the C	CERTI at the was place was place that the weys made that the BRUAL OF Profess EDWA	FICATION 11 location de from field by me or under same is true by belief. RY 28, 2002 sional Surveyor

Certificate Number

Submit 3 Copies To Appropriate District Office	State of New Mex	rico	Form C-103
· District I	Energy, Minerals and Natur	al Resources	May 27, 2004
1625 N. French Dr., Hobbs, NM 88240 District II			WELL API NO.
1301 W. Grand Ave., Artesia, NM 88210	OIL CONSERVATION		5. Indicate Type of Lease FEDERAL X
<u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410	1220 South St. France		STATE FEE
District IV	Santa Fe, NM 87	505	6. State Oil & Gas Lease No.
1220 S. St. Francis Dr., Santa Fe, NM 87505			Federal NMSF-0078766
SUNDRY NOT	ICES AND REPORTS ON WELLS		7. Lease Name or Unit Agreement Name
	SALS TO DRILL OR TO DEEPEN OR PLU- CATION FOR PERMIT" (FORM C-101) FOI		
PROPOSALS.)		K JOCH	Rosa Unit 8. Well Number 100B
1. Type of Well: Oil Well	Gas Well Other		
2. Name of Operator Williams Exploration and Producti	on Company		9. OGRID Number 120782
3. Address of Operator	on Company		10. Pool name or Wildcat
P.O. Box 316, Ignacio, CO 81137			Blanco Mesaverde/Basin Dakota
4. Well Location			
Unit Letter O: 805 feet f	rom the south line and 2005 feet from	n the east line	
Section 21 Townsh	ip 31N Range 6W	NMPM	County Rio Arriba
	11. Elevation (Show whether DR,	RKB, RT, GR, etc.)	
Pit or Below-grade Tank Application ⊠ o	6,376' GR		
	er_>100'_Distance from nearest fresh wat	er well >1 000' Dicto	inga from nagrast surfaga watar >1 000'
		bbls; Construction M	1
12. Check A	Appropriate Box to Indicate Na	iture of Notice,	Report of Other Data
NOTICE OF IN	ITENTION TO:	SUB	SEQUENT REPORT OF:
PERFORM REMEDIAL WORK		REMEDIAL WORK	
TEMPORARILY ABANDON	CHANGE PLANS	COMMENCE DRI	
PULL OR ALTER CASING	MULTIPLE COMPL	CASING/CEMENT	ГЈОВ 🗆
OTHER:		OTHER:	
			I give pertinent dates, including estimated date
	ork). SEE RULE 1103. For Multiple	e Completions: Att	tach wellbore diagram of proposed completion
or recompletion.			
Dagaryo nit to be constructed in acco	ordance with NMOCD Interim Pit an	d Dalass arada Tar	sk Cuidolinos
Reserve pit to be constructed in acco	ordance with NMOCD Internit Pit and	d below-grade ran	ik Guidennes
Reserve pit to be located approxima	tely 25 feet south of the well head, in	the northwest corr	ner of the well pad
I hereby certify that the information	above is true and complete to the bes	st of my knowledge	e and belief. I further certify that any pit or below-
grade tank has been/will be constructed or	closed according to NMOCD guidelines	, a general permit	or an (attached) alternative OCD-approved plan .
SIGNATURE /		-:11: COM	DATE: 5 10 2005
SIGNATURE MANY	IIILE_D	tining COM	_DATE5-10-2005_
Type or print name Larry Higgins	E-mail address: larry.higgins@	williams.com T	Telephone No. (970) 563-3308
For State Use Only	/// A suprema and		l On no
APPROVED BY:	TITLE	ry onl & gas inspi	
Conditions of Approval (if any):	THE THE		DATEDATE





WILLIAMS PRODUCTION COMPANY

Operations Plan

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

DATE:

5/10/2005

FIELD:

Basin DK/BlancoMV

WELL NAME:

Rosa #100B

Rio Arriba, NM

SURFACE:

BLM

BH LOCATION:

SWSE Sec 21-31N-6W

MINERALS:

BLM

ELEVATION:

6,376' GR

LEASE #

SF-078766

MEASURED DEPTH:

8,130'

I. GEOLOGY: Surface formation - San Jose

A. FORMATION TOPS: (KB)

Name	MD	Name	MD
Nancimiento	1,085	Cliff House	5,340
Ojo Alamo	2,365	Menefee	5,380
Kirtland	2,480	Point Lookout	5,650
Fruitland	2,900	Mancos	5,960
Pictured Cliffs	3,230	Gallup	6,960
Lewis	3,510	Greenhorn	7,690
		Graneros	7,745
		Dakota	7,875
		Morrison	8,100
		TD	8,130

- B. MUD LOGGING PROGRAM: Mud logger on location from approximately 7,700' to TD.
- C. LOGGING PROGRAM: High Resolution Induction/ GR and Density/ Neutron log over zones of interest from surface casing to protection casing TD. Cased hole logs over Dakota/ Morrison Onsite geologist will pick Density/ Neutron log intervals logging runs.
- D. <u>NATURAL GAUGES</u>: Gauge any noticeable increases in gas flow. Record all gauges in Tour book and on morning reports.

II. DRILLING

75/8"

- A. MUD PROGRAM: Clear water with benex to a 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 in. csg.to TD.
- B. <u>BOP TESTING:</u> 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	14-3/4"	+/- 300'	10-3/4"	40.5# K-55
Intermediate	9-7/8"	+/-3,705'	7-5/8"	26.4# K-55
Prod. Casing	6-3/4"	+/- 7,825'	5-1/2"	17.0# N-80
Production Liner	4-3/4"	+/-8,130'	3-1/2"	9.3#

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 (4) joints of Surface Casing.
- 2. <u>INTERMEDIATE CASING:</u> 7" cement nose guide shoe with a self-filt 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. PRODUCTION LINER / CASHNG: 3-1/2" & 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.

will run centralizers on casing program proposed, according to Bun regulations.
(wrong casing program for centralizers)

C. CEMENTING:

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

- 1. SURFACE: Slurry: 255sx (356 cu.ft.) of "Type III" + 2% CaCl₂ + 1/4 # 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. <u>INTERMEDIATE:</u> Lead 630 sx (1313) cu.ft.) of Premium Light with 8% gel, 1% CaCl₂ and 1/4# cello-flake/sk (Yield = 2.09 cu.ft./sk, Weight = 12.1 #/gal.). Tail 100 sx (139cu.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 = 1,437 cu.ft. Bump Plug to 1,500 psi. Notify engineering if cement is not circulated to surface.
- 3. PRODUCTION CASING: 10 bbl Gelled Water space. Scavenger: $50s\underline{x}$ (130ft³) 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 = 2.59 cu.ft./sk, Weight = 11.6 #/gal.). Cement: $170\underline{sx}$ (444 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 253ft³ WOC 12 hours
- 4. PRODUCTION LINER: 10 bbl Gelled Water space. Cement: 50 sx (100° ft³) of Premium Light HS + 1% FL-52 + .2% CD-32, 0.1% R-3, 3 #/sk CSE, ¼ #/sk cello flake. (Yield = 2.15 ft³/sk, Weight = 12.3 #/gal.). Displace cement at a minimum of 8 BPM. The 20% excess should cover 100 ft above liner top. Total volume 100ft³. WOC 12 hours

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 not circulated to surface..

B. PRESSURE TEST

1. Pressure test 7 5/8" & 5-1/2" casing to 3300# for 15 minutes.

C. STIMULATION

- 1. Stimulate Dakota with approximately 70,000# of 20/40 sand in x-link foam.
- 2. Isolate Dakota with a RBP.
- 3. Stimulate Point Lookout with approximately 80,000# of 20/40 sand in slick water.
- 4. Isolate Point Lookout with a RBP.
- 5. Perforate the Menefee/Cliff House as determined from the open hole logs.
- 6. Stimulate with approximately 80,000# of 20/40 sand in slick water.
- 7. Test each zone before removing bridge plugs.

D. RUNNING TUBING

- 1. <u>Dakota</u>: Run 2-1/16", 3.25#, J-55, IJ tubing with 1/2 mule shoe on bottom, SN with pump-out plug on top of adeem joint and 5 Seal Units. Land tubing approximately 100' below top Dakota perf.
- 2. Mesa Verde: Run 2-1/16", 2.9#, J-55, EUE tubing with a SN (1.91" ID) on top of bottom joint. Land

GENERAL ROSA DRILLING PLAN

Rosa Unit boundries:

T31N, R4W: all except sections 32-36 T31N, R5W: all except sections 1 & 2

T31N, R6W: all except sections 6,7,18,20, & 27-36

T32N, R6W: sections 32-36

FORMATION	LITHOLOGY	WATER	GAS	OIL/COND	OVER-PRES	LOST CIRC
Nacimiento	Interbedded shales, siltstones and	Possible	Possible	No	No	No
Ojo Alamo	sandstones Sandstone and conglomerates with lenses of shale	Fresh	No	No	No	No
Kirtland	Shale W/interbedded sandstones	No	Possible	No	No	No
	inter, SS, SiltSt, SH &Coals w/carb,	Yes	Yes	No	Possible	Possible
Pictured	SS, SiltSt, SH Massive Sandstone w/thin Interbedded shales	Possible	Yes	Possible	No	Possible
Cliffs Lewis	Shale w/thin interbedded sandstones and siltstones	No	Possible	No	No	No
Cliff House	Transgressive sandstones	Possible	Yes	No	No	No
	Sandstones, carb shales and coal	Possible	Yes	No	No	No
Menefee Point	Regressive coastal barrier	Possible	Yes	Possible	No	Yes
Lookout	sandstone		Possible	Possible	No	Possible
Mancos	Marine shale and interbedded sandstone	No No		Possible	No	Possible
Upr Dadota	Marine sand and shales	No	Yes			Possible
Lwr Dakota	Fluvial sands, shales, & coal	Possible	Yes	Possible	No	russible

DRILLING

Potential Hazards:

- 1. There are no overpressured zones expected in this well.
- 2. No H2S zones will be penetrated while drilling this well.

Mud System:

- Surface The surface hole will be drilled with a low-solids, non-dispersed system with starch and lost circulation material as needed. Expected mud weights will be in the 8.4 to 9.0 lb per gal range. Viscosities will be in the 30 to 60 sec/qrt range as needed to remove drill cuttings.
- 2. Intermediate The intermediate hole will be drilled with clear water and Benex to TD where the well will be mudded up to log and run casing. The mud system will be low-solids, non-dispersed with mud weights in the 9 to 10 lb per gal range as needed to control the well. Viscosities will be in the 45 to 55 range as needed to support any weight material. The weight material will consist of Barite.
- Production The well will be drilled using air from the intermediate casing point to TD. For Fruitland Coal wells, the coal section will be drilled with air/mist.

vinianis rroduction Company, LLC

Well Control Equipment Schematic for 2M Service

Attachment to Drilling Technical Program

Typical BOP setup

