## **UNITED STATES DEPARTMENT OF THE INTERIOR**

5. LEASE DESIGNATION AND SERIAL NO.

DEEPEN  DRILL DEEPEN  TYPE OF WELL  ONE  TYPE OF WELL  TYPE OF WELL  ONE  TYPE OF WELL  TYPE OF WELL  ONE  TYPE OF WELL  TYPE	243	SF078243		EMENT	F LAND MANAG	BUREAU		
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ONL WELL OTHER RE-entry  SMOLE ZONE  ONLY  OWEN NO  SAPIWELLING  OWEN NO  SAPIWAL NO  SAPI		7. UNIT AGREEMENT NAME	ima erix em 1253 f. 1873 f.		DEEPEN	_	DRILL	
MMED OF OPERATOR  NOME OF OPERATOR  NOT		R FARM OR LEASE NAME INC.		(2. <u>0</u> .1)		<del></del>	GAS	
ADORES SAND TELEPHONE NO.  O. BOX 221, Farmington, NM 87499 (505)325-5220  DOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  MAY 2000  RECELLY AND SHART OF REAL AND SHRECTTON FROM NEAREST TOWN OR POST OFFICE OF THE NEW SHART OF REAL AND SHRECT OR REAL AND SHREET OR REAL AND S	/ /:				Re-entry	OTHER	WELL	ELL
AND STATE STATE THE PHONE NO.  O. BOX 2221, Farmington, NM 87499 (505) 325-5220  O. BOX 2221, Farmington, NM 87499 (505) 325-5220  O. FELD AND POOL OR WALL Report location clearly and in accordance with any State requirements. The proposed prod. 2000 (100) FINL - 1800 (100) FINL -	- 4K.V	· · · · · · · · · · · · · · · · · · ·						
DOSTANCE HOLD FROM BEACH STEED OF CASING WEIGHT PER FOOT  SIZE OF HOLE  GRADE SIZE OF CASING  WEIGHT PER FOOT  SIZE OF HOLE  SIZE OF HOL	_					ompany Inc.		
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AND SURVEY OR AREA  Section 19, T311  DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE:  MILES NOT THWEST OF Flora Vista, NM  DISTANCE FROM PROPOSED:  LOCATION TO MEAREST ST.  LOCATION TO MEAN MEAN TO MEAN MEAN.  LOCATION TO MEAN MEAN.  LOCATION TO M	a Verde	Blanco Mesa Ver	A (7)	)	with any State requirement	ion clearly and in accordanc	(Report location	CATION OF WELL ( urface
MAY 2000 Section19, T311  Section 19, T3						' FWL	1800 '	00 ' FNL -
DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*  miles northwest of Flora Vista, NM  DISTANCE MAN PROPOSED PROPOSED*  LOCATION TO NEAREST PROPOSED*  DISTANCE FROM PROPOSED LOCATION*  TO NEAREST WELL DRILLING. COMPLETED, 2700 ' 19 PROPOSED DEWL 120 OF ACRES ASSIGNED  PROPERTY OR ON THIS LEASE. IT.  As soon as 1909 ' GR  PROPOSED CASING AND CEMENTING PROGRAM  SIZE OF HOLE GRADE. SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH QUANTITY OF CEMENT  QUANTITY OF CEMENT  LOCATIONS (Show whether DF. RT. GR. etc.)  PROPOSED CASING AND CEMENTING PROGRAM  SIZE OF HOLE GRADE. SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH QUANTITY OF CEMENT  QUANTITY OF CEMENT  QUANTITY OF CEMENT  A 4'  A 4'  A 4'  A 4'  A 4'  A 5'  A 4'  A 5'  A 6'  A 7'  A 6'  A 7'  A 7'  A 7'  A 7'  A 7'  A 8'  COMPLETE OF CASING AND CEMENTING PROGRAM  SIZE OF HOLE GRADE. SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH QUANTITY OF CEMENT  CODING PROPOSED CASING AND CEMENTING PROGRAM  SIZE OF HOLE GRADE. SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH QUANTITY OF CEMENT  A 7'  A 7'  A 7'  A 7'  A 7'  A 7'  COMPLETE OF CASING AND CEMENTING PROGRAM  SIZE OF HOLE GRADE. SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH QUANTITY OF CEMENT  CODING PROPOSED CASING AND CEMENTING PROGRAM  AS SOON AS	I DION NM		AY 2000 🗀 🔻	A M			•	
miles northwest of Flora Vista, NM  DIST'S  San Juan  16. NO. OLARRES IN LEASE  TO THIS WELL 320  17. NO. OLARRES ASSIGNED  TO THIS WELL 320  18. PROPERTY OR LEASE LINE, FT.  PROPERTY OR LEASE LINE, FT.  PROPERTY OR LEASE LINE, FT.  TO HEAREST WELL DEBLINE, GOODELETED.  OR APPLIED FOR, ON THIS LEASE, FT.  2700 '  RELEVATIONS (Show whether DF, RT, GR, etc.)  PROPOSED CASING AND CEMENTING PROGRAM  SIZE OF HOLE  GRADE, SIZE OF CASING  WEIGHT PER FOOT  SETTING DEPTH  QUANTITY OF CEMENT  A 4'  The proposed and abandoned Snyder Oil Soutern ell bore to develop the Mesa Verde on this lease. Roddy will use the existing location and a inth minimal new disturbance. Roddy will assume liability for the final clean up of this local surface Use and 10 Point program are attached.  Oddy intends to remove the dry hole marker, install a new tubing head on the 4 1/2 " casing ut the cement plugs to expose the Mesa Verde formation, block squeeze the Pt. Lookout and Mereforate and stimulate. Upon successful completion of this operation, Roddy will install new acilities on location and connect the well to the William's Field Services gathering facilities peration is unsuccessful Roddy will plug and abandon the well as before, rehabilitate and clocation.  Oddy applies for an existing road right of way as outlined in the surface use plan.  This action is explicit to textholed and procedural roylow pursuent to 43 CPR 3185.4.  DERIFICIAL REQUIREMENTS?  DERIFICATION SERVICES  SECOND PROCEDER FROM SERVICES AND CEMENT AND ADMINISTRATION SERVICES AND CEMENT A	i, Rizw,NM	Sectionity, TSIN, RI.	OFINAM EN	F 15 15 15 15 15 15 15 15 15 15 15 15 15				-
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PROPERTY ON LEASE LINE, FT. 1000  Also to measured dig und line, Harry)  B DISTANCE FROM PROPOSED LOCATION* ON EARLY SHELL DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2700 ' 4900 ' ROTARY OR CABLE TOOLS ROTARY OR CABLE TOOLS  PROPOSED CASING AND CEMENTING PROGRAM  SIZE OF HOLE GRADE. SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH QUANTITY OF CEMENT  ODD  ODD  ODD  ODD  ODD  ODD  ODD  O	. ———	ACRES ASSIGNED	45 47 NO OF	16. NO. OF ACRES IN LI		100/	ROPOSED* REST	ISTANCE FROM PROCESSION OF THE
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ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen give data on present productive zone and	stub, dril nfee zones productio y. If the ose the	ne 4 1/2 " casing stub, Pt. Lookout and Menfee of will install new produced gathering facility. If whabilitate and close the plan.  See plan.  See plan.	ubing head on the ck squeeze the Roperation, Roddy Field Services ll as before, rein the surface to DEMAN SULF	stall a new tormation, blo tion of this the William's pandon the we	are attached. cole marker, in the Mesa Verde for the well to fill plug and a d right of way	Point program move the dry has to expose the late. Upon suction and connected and existing road to technical to technical to technical to the constant to the	and 10 P s to rem nt plugs d stimul n locati unsucce s for an ton is sub trail review	ddy intends the cemer forate and cilities or eration is cation. ddy applies This act
SIGNED TITLE Business Manager DATE March 31,  (This space for Federal or State office use)	2000	e. if proposal is to drill or deepen directionally,	proposed new productive zone	Business M	/ /	E Julice	A lineasure	SIGNED
PERMIT NO APPROVAL DATE				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 CONDITIONS OF APPROVAL, IF ANY:	thereon.	the applicant to conduct operations thereon.						

District I PO Box 1980, Hobbs, NM 88241-1980 PO Drawer DD, Artesia, NM 88211-0719 District (11

#### State of New Mexico Energy, Minerals & Natural Resources Department

Form C-102 Revised February 21, 1994

Instructions on back

# Submit to Appropriate District Office

Fee Lease - 3 Copies

## OIL CONSERVATION DIVISION PO Box 2088

State Lease - 4 Copies 1000 Rio Brazos Rd., Aztec, NM 87410 Santa Fe, NM 87504-2088 District IV 27 153 -4 81 12: 34 PO Box 2088, Santa Fe, NM 87504-2088 AMENDED REPORT WELL LOCATION AND ACREAGE DEDICATION PLAT API Number <sup>1</sup> Pool Code 30 - 045 - 24387 72319 Blanco Mesa Verde <sup>4</sup> Property Code <sup>5</sup> Property Name Well Number Owen 2R OGRID No. Operator Name \* Elevation 036845 Roddy Production Company Inc. 5909 GR 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 C 19 31N 12W 1000 North 1800 West 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 East/West line County 12 Dedicated Acres ,13 Joint or Infill 14 Consolidation Code 318.24 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 1 (39.08 acs) F078243 Signature R. E. Fielder Printed Name 2 Business Manager Title March 14, 2000 (39.16 acs) 18SURVEYOR 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 28, 1980 Date of Survey Signature and Scal of Professional Surveyer: This location not re-surveyed Originally surveyed by James P. Leese Certificate Number

#### RODDY PRODUCTION

Owen No. 2R

1000 ' FNL & 1800 ' FWL Section 19, T31N, R12W, NMPM San Juan County, New Mexico

#### TEN POINT PROGRAM

- 1. Surface Formation: NACIMIENTO
- 2. Surface Elevation: 5909' GL.

### 3. Estimated Formation Tops:

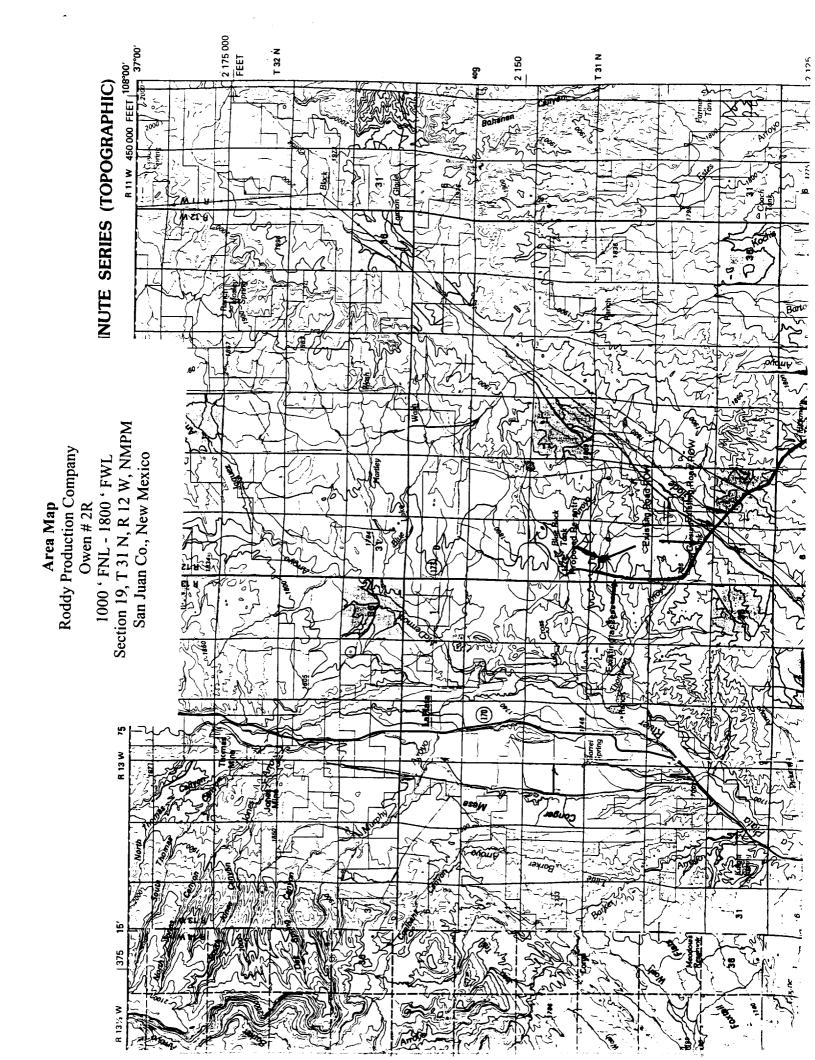
<u>Formation</u>	Top	Expected Production
Nacimiento	Surface	
Ojo Alamo	Not present	
Kirtland	511'	
Fruitland	1767'	
Basal Fruitland Coal	2108'	Gas
Pictured Cliffs	2250'	Gas
Lewis	2397'	
Chacra	3358'	
Cliff House	3814'	Gas / water
Menefee	4042'	Gas
Point Lookout	4614'	Gas
Mancos	4898'	
Clean Out TOTAL DEPTH	4900'	

## 4. Casing and Cementing Program:

All casing is in place. See attached well bore schematic for as plugged description. It is intended to drill out the cement plugs inside the 4 1/2" string and block squeeze across the Menefee and Pt. Lookout intervals with a volume sufficient to cover the 4 ½" X 7 %" annulus through these zones.

## 5. Pressure Control Equipment:

A minimum of a 7 1/16" X 3M psi BOP work over well control system will be utilized. BOPE will be installed and pressure tested to a minimum of 3000 psig before perforating and will be checked daily as to mechanical operation condition.



## Roddy Production Co. Wellbore Diagram Owen No. 2R

		Owe	n NO	• 2R
			_	12 1/4" OHTD = 270' 8 5/8" csg @ 266'
Kirtland	511'_		_	Surface plug: 0 - 562'
Fruitland	1767 <b>'</b>		-	Top of Plug 4 - 1784'
Fruitland Coal	2107'	<b>解為</b>		
Pictured Cliffs	2250+		_	Base of Plug 4 - 2312 4 1/2" DV @ 2448'
Cliffs Lewis	2397'		_	# 1/2 DA 6 5448.
Chacra	3358 <u>'</u>			
		,,,,	_	Top of Plug 3 - 3737'
Cliff Hou	se 38 <u>1</u> 4'		_	Cement retainer @ 3805'
Menefee	40421		-	Squeeze holes @ 3864'
Pt.Lookou	t4614'			
Mancos	4898		_	4 1/2" DV @ 5055"
Gallup	5924	( <del>1.0</del> 0.0)		Top of Plug 2 - 5821'
			-	Squeeze holes@ 5975'(did not break @ 1100 psi)
				Bottom of Plug 2 - 6046'
			-	Top of Plug 1 - 6626' Cement retainer @ 6694'
Dakota	6753 <u>'</u>			Dakota perfs: 6768 - 6840'
Burro Cyn	7003 <u>*</u>		_	PBTD = 7010'
		2000年	_	7 7/8" OHTD = 7080' 4 1/2", 10.5 ppf csg @ 7080'
				, - , -0.0 ppr cay e 1000