In Lieu of Form 3160-4 (July 1992)

UNITED STATES DEPARTMENT OF THE INTERIOR

SUBMIT IN DUPLICATE FORM APPROVED OMB NO. 1004-0137

Expires: February 28, 1995

	BU	5. LEASE DESIGNATION AND LEASE NO. SF-078771						
				· · · · · · · · · · · · · · · · · · ·	: **	6. IF INDIAN, ALLOTT		
w	ELL COMPLE	TION OR RECO	MPLETION RE	EPORT AND LO	G*	T UNIT ACREMENT	NAME	
	FWELL: FOIL WELL	7. UNIT AGREEMENT NAME ROSA UNIT						
	FCOMPLETION: EW WELL WORKOV							
	OF OPERATOR	8.FARM OR LEASE NAME, WELL NO.						
-		9. API WELL NO.	A UNIT #8B					
3. ADDRE.	SS AND TELEPHONE NO.		-26632					
4. LOCA	TION OF WELL (Re	port location clearly at	37-2 TULSA, OK 7410 and in accordance with a	my State requirements)*	10. FIELD AND POOL, OR WILDCAT		
At Sur	face: 2010'FNL & 21	70'FEL				BASIN DK		
	production interval re l depth:	ported below:				11. SEC., T.,R.,M., OR BLOCK AND SURVEY OR AREA		
Ation	t deptii.					SE/4 NW/4 SEC 26-31N-6W		
				14. PERMIT NO.	DATE ISSUED	12. COUNTY OR RIO ARRIBA	13. STATE NEW MEXICO	
	16. DATE T.D.	17. DATE COMPLETED	(READY TO PRODUCE)	18. ELEVATIONS (DK,	RKB, RT,GR,ETC.)*	19. ELEVATION CAS	INGHEAD	
15. DATE SPUDDED 10/10/2001	REACHED 10/19/2001		3/2001		l' GR		CABLE TOOLS	
20. TOTAL DEPTH, N	MD & TVD 7' MD	21. PLUG, BACK T.D., N 7932	D&TVD MD	22. IF MULTCOMP., HOW MANY 2	23. INTERVALS DRILLED BY	ROTARY TOOLS X		
		PLETION - TOP, BOTTOM	, NAME (MD AND 1VD)*		-	25. WAS DIRECTIONAL SURVEY MADE YES		
BASIN DK	7805' – 7940' AND OTHER LOGS RUN					27. WAS WELL CORED		
IND/GR & D	EN/NEU/TEMP					NO		
	(Report all strings set in well SIZE/GRADE.	I) WEIGHT, LB./FT	DEPTH SET (MD)	HOLE SIZE		CEMENT, CEMENTING RECORD AMOUNT PULLED		
	'4" H-40	40#	40# 264'		225 SX -	225 SX - SURFACE		
7-5/8	7-5/8" N-80		26.4# 3615'		l	830 SX – SURFACE		
29.LINER RECORD		BOTTOM (MD) SACKS CEMENT*		SCREEN (MD)	30. TUBING RECORD SIZE	DEPTH SET (MD)	PACKER SET (MD)	
5-1/2"	TOP (MD)	BOTTOM (MD) 7955'	335 SX		2-1/16"	7860'	6035'	
31. PERFORATION	RECORD (Interval, size, and		, 72, 76, 97, 01,	32.ACID, SHOT, FRAC DEPTH INTERVAL (MD)	TURE, CEMENT SQUEEZ AM	SQUEEZE, ETC. AMOUNT AND KIND OF MATERIAL USED 0/40 Acfrac SB Excel resin coated proppant		
<u>Dakota:</u> 7805', 97', 7915', 18',	22', 30', 34', 37' and	, 52', 55', 59', 62', 65' 40'. Total of 23 (0.38	") holes	7805' – 7940'	80,000# 20/40 Act			
33.PRODUCTION					<u> </u>			
	RST PRODUCTION	PRODU	JCTION METHOD (Flowing,	gas lift, pumping-size and ty	pe of pump)	WELL STA	TUS (PRODUCING OR SI)	
DATE OF FIR	(21 PRODUCTION		Flo	SI waiting on pipeline				
DATE OF TEST	TESTED	CHOKE SIZE	PRODN FOR TEST	OIL - BBL.	GAS – MCF	WATER - BBL.	GAS-OIL RATIO	
01/02/02	3 hr	3/4"	PERIOD		159			
FLOW TBG PRESS		CALCULATED 24-HOUR RATE		OIL - BBL.	GAS - MCF	WATER - BBL.	OIL GRAVITY-API (CORR.)	
90	1020			1,273				
34. DISPOSITION O	OF GAS (Sold, used for fuel,	TEST WITNESSED	BY: LARRY HIGGINS					
35. LIST OF ATTAC	_		CONES, WELLBORE DIA					
36. I hereby certify			d correct as determined from a	dl available records				
SIGNED	Tracy	K030	TITLE	Production Analyst	DATE	v 15, 2002		

		TRUE VERTICAL DEPTH								
38 GEOLOGIC MARKERS	TOP	MEASURED DEPTH								
		NAME								
	NAME									
37. SUMMARY OF POROUS ZONES: (Shaw all important zones of porosity and contents thereof; cored intervals, and all drill-stern, tests, including depth interval tested, as cushion used, thin tool open, flowing and shut-in pressures, and recoveries):	DESCRIPTION, CONTENTS, ETC.									
	MOTTOM		3468'	5271'	5359'	5582'	6083	7803'		
	TOP		3318'	3468'	.1251	5359,	5582,	,6083,	7803'	
37. SUMMARY OF POROUS Z. custion used, time tool open	NO ET A MACH		PICTURED CLIFFS	LEWIS	CLIFFHOUSE	MENEFEE	POINT LOOKOUT	MANCOS	DAKOTA	44

ROSA UNIT #8B BLANCO MV/BASIN DK

Location: 2010' FNL, 2170' FEL SE/4 NW/4 Section 26(F), T31N, R6W Rio Arriba Co., NM

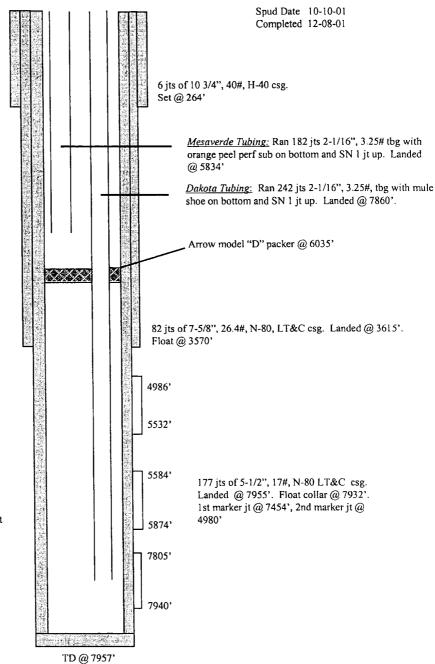
Elevation: 6311' GR

Tops	Depth
Kirtland	2515'
Pictured Cliffs	3318'
Cliff House	5271'
Point Lookout	5582'
Mancos	6083'
Dakota	7803'

<u>CliffHouse/Menefee</u> 4986' - 5532' (31, 0.38" holes) 80,000# of 20/40 sand in 1886 BBI's slick water.

Point Lookout 5584' - 5874' (41, 0.38" holes) 80,000# of 20/40 sand in 1893 BBI's slick water.

<u>Dakota</u> 7805' - 7940' (23, 0.38" holes) 80,000# of 20/40 Acfrac SB Excel resin coated proppant carried in 60Q Spectre G foam



HOLE SIZE	CASING	CEMENT	VOLUME	CMT TOP
14 3/4"	10 3/4"	225 s x	3 17 cu.ft.	230'
9 7/8"	7 5/8"	830 s x	1557 cu.ft.	3555'
6 3/4"	5 V2"	335 s x	692 cu.ft.	7891

PBTD @ 7932'

