Form 3160-4 (October 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENTRECEIVED

(See other instructions on reverse side FOR APPROVED OMB NO. 1004-0137 Expires: December 31,1991

5. LEASE DESIGNATION AND SERIAL NO. SF 078949

WELL (COMPLETIO	N OR REC	OMPLETION	DEDO	4 A.	ID I O	C*	6. IF INDIAN, A	LLOTTEE O	R TRIBE NAME
la. TYPE OF WE	T. OIL	☐ GAS	6.0							
b. TYPE OF CO	WEL	L L! WELL	DRY C	170AHG =	I Př	1 1:58		7. UNIT AGRE	EMENT NAM	Œ
NEW	WORK DEEP OVER EN	PLUG BACK	DIFF.	OTHER,	REC	OMPLET	ION	0. 51514.051		
2. NAME OF OPER	* *			Attention:			4	8. FARM OR L		, WELL NO. YON UNIT # 109
	UCTION COMPA	ANY		Nand	y I. W	hitaker'		9. API WELL N		TON UNIT # 10s
3. ADDRESS AND		2004] » /// // // // // // // // // // // //	300450	8234
	DENVER, CO. 8				303-	-830-503	39 ——-	10. FIELD AND		
At surface	NELL (Kepon location 850 FSL	clearly and in acc	ordance with any State r	equirements)*				West Ku	tz Picture	d Cliffs Gas Poo
At ton prod. into	erval reported below		1040 1 112					11. SEC., T., R. OR AREA	M., OR BLO	OCK. AND SURVEY
	avai reported below							M	Section	18
At total depth								1	29N F	lange 12W
			14. PERMIT NO).	DATE	ISSUED		12. COUNTY OR	PARISH	13. STATE
	- ₁					الرفاقة والمراجع والمطورة ومراجع المراجع	agranguas agran menuman a	. San J	uan	New Mexico
5. DATE SPUDDED	16. DATE T.D. RE.		TE COMPL. (Ready to	prod.)	18. ELE			r, gr, etc.)	19. ELEV	. CASINGHEAD
09/30/1961	10/11/196 D & TVD 21. PLUG,		07/09/1997	THINK IT COLUMN			534 RKB			
0. TOTAL DEPTH, M	6180 PLUG	BACK T.D.,MD 1650 CIBP	& TVD 22. IF MUL HOW M	TIPLE COMPI ANY*	,	23. INT	ERVALS	ROTARY TO	OLS	CABLE TOOLS
			P, BOTTOM, NAME (M		(19)	<u> </u>	間別	YES	he	NO AS DIDECTIONAL
	URL(S), OF THIS CO LIFFS 1429-145(P, BOTTOM, NAME (M	12/			_ W		25. W St	AS DIRECTIONAL RVEY MADE
				<u> </u>	UG 1	2 199	7			NO
. TYPE ELECTRIC A	AND OTHER LOGS RI	UN					<u></u>		27. WAS V	VELL CORED
	- ·		CBL		L (C(0[別。	DIV			N
CASDIC STREET	F. 1		CASING RECORD	Report all sh	ings set				-	
CASING SIZE/GRAD 8 5/8"			2-1	IOLE SIZE			EMENT, CEM	ENTING RECO	RD .	AMOUNT PULLEI
4 1/2"	22.7		348 357	12 1/4" 7 7/8"	250 S					
	10.0		6202 6180		925 3					
				·						
).		LINER RECOR	D			30.		TUBING RE	CORD	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN	(MD)	SIZ	E	DEPTH SET (M	D) I	ACKER SET (MD)
						2 3/8	"	1463"		
VED50D17101170				32.	ACIT	OHOM				
ERFORATION REC	ORD(Interval, size, an	d number)		DEPTH 1				E, CEMENT S		
1429 - 1450 .340" DUA	2 JSPF 21 TOTAL SHOT	s		1429		1450		RESH WATER A		
						1400	JIO BBLS F	NESH WATER A	ND 108,127#	16/30 SAND
ATE FIRST PRODUCT	TON PRODUC	TION METHOD	PRO (Flowing, gas lift, pumpi	DUCTION						
	TROBOG	TION METHOD		ng - size ana ry UMPING	pe of pun	rp)		WELL S shut-ii		-
TE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR	OIL - BBL.		GAS - M	CF.	WATER - BBL.		OIL RATIO
07/24/1997	· 12	1 "	TEST PERIOD	TST	М	1	STM	25	John John	-OIL KATIO
OW TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RAT	OIL - BBL.	GAS -			WATER - B		OIL GRAVE	TY - API (CORR.)
0	0		TSTM		TST	a		50		. == (======)
	AS (Sold, used for fuel,	vented, etc.)					TEST WITN	ESSED BY		
BE SOLD	TAMPO								PTED	CAD DEM
LIST OF ATTACHM	ENTS D FRAC INFORMAT	LION						NUUL	ITLU	TUTT TIEGU
									XII A	
	and to to tegoing and	augused inform	ation is complete and	correct as de	ermined	from all	available re	cords	AUG Ø	7 1997
		#// // / /		_	1 CC A	ssistant				30-1997

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

MIRUSU 7/3/97

TIH SET CIBP AT 5921', LOAD AND CIRC HOLE TEST TO 500 PSI FOR 15 MIN. HELD OKAY. TIH RAN CBL FROM CIBP TO SURFACE. ESTIMATED TOC 380'. SPOTTED CMT PLUG ON TOP OF CIBP TO 5800 W/ 10 SXS CLS B CMT TO PERMANENTLY ABANDON THE BASIN DAKOTA.

SPOTTED CMT PLUG FROM 4965 - 5154' W/15 SXS CLASS B CMT.

TIH SHOT SQZ HOLES AT 3000' 2 JSPF .340" TO COVER MESAVERDE. SET CMT RETAINER @ 2914' AND PREP TO SQZ. SQUEEZE 50 SXS CLS B CMT.

SET CIBP AT 1650'. PRES TEST CSG TO 2000 PSI FOR 15 MIN HELD OKAY.

PERFORATED THE PICTURED CLIFFS 1429 - 1450' W/2JSPF .340" DIA. 21 TOTAL SHOTS FIRED.

FRAC PICTURED CLIFFS FORMATION W/ 516 BBLS OF FRESH WATER AND 108,127# 16/30 SAND.

TIH WASHOVER PIPE, OVERSHOT AND 6 DRL COLLARS, CLN OUT TO FISH LATCH ONTO FISH, JAR ON FISH, TOH L/D TOOLS AND FISH. TIH C/O SAND FILL FROM 1517 TO 1638' W/ $N_{\rm 2}$.

SWABBED WELL 72 HRS. RCVD 180 BBLS WATER. GAS WAS TSTM.

TIH C/O SAND W/AIR TO 1648'.

TIH RAN 2 3/8" TBG LANDED AT 1463'. W/B INSTALLING RODS & PUMP.

RDSUMO 7/25/97

DIRECTURE CLIFFS	S	400				
2960 4196 5830 5968 5966 6180		IOF	BOTTOM	DESCRIPTION, CONTENTS, ETC.		TOP
2960 5830 5968		1430	1653		NAME	MEAS. DEPTH
5830 5968		2960	4196			
89 60 80		5830	5968			
		5968	6180			
	-					