Form 3160-4 (October 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR INTERIOR BUREAU OF LAND MANAGEMENT (See other instructions on reverse side)

FOR APPROVED OMB NO. 1004-0137 Expires: December 31,1991

8. LEASE DESIGNATION AND SERIAL NO.

BUREAU OF LAND MANAGEMENT								SF-080917								
W	ELL CON	MPLET	ION (OR RECO	MPLE	ETION RE	PORT AND	LQG*	ru 9:	3/2	6. IF IN	DIAN, AL	LOTTEE	OR TRIBE NAME		
la. TYPE OF WELL	:	OIL WELL		GAS WELL	X .	ORY	OTHER SS JAM	13	 		7. UNI	Γ AGREE!	MENT N	AME		
b. TYPE OF COMI	PLETION: WORK OVER	□ DEEP.		PLUG (DIFF.	OTHER OTO S		,310N	NM						
### <u></u>		EN		BACK L		**************************************	C1-0-1-	4 1 1 2 1 2			8. FAR			ME, WELL NO.		
2. NAME OF OPERAT		OMPAN	J٧			At	tention: Gail M.	Jeffe	erson					B LS #7B		
B. ADDRESS AND TE											9. API	WELL NO		520670		
P.O. BOX 800 DENVER, CO. 8020 (303)830-6157									3004529670 10. FIELD AND POOL, OR WILDCAT							
LOCATION OF WE	•			and in accor	dance wi	h any state re	quirements)*				10. FIE			Mesaverde		
At surface		FNL	Ш,	JAN 1		95' FELLY	•						M., OR	BLOCK, AND SURVEY		
At top prod. inter-	val reported	d below_	~ ~~		• ,	99 9 —					(OR AREA 8	Section	34		
At total depth OIL CON. DIV. Unit G									Township 31N Range 10W							
Tit tour aspur						PERMIT NO.	<u> </u>					NTY OR		13. STATE		
				ا زیادیا	10 G.	· Litaria i i i i						San Ju	Jan	New Mexico		
5. DATE SPUDDED	16. DATE	T.D. REA	CHED	17. DAT	E COMP	L. (Ready to	prod.) 18.	ELEV	ATIONS (D	F, RKB, R				EV. CASINGHEAD		
12/05/1998	12	/12/1998	3		12	/30/1998	\$		63	09' GR						
O. TOTAL DEPTH, MI	& TVD 2	1. PLUG,	BACK	T.D.,MD 8	22. IF MULT	IPLE COMPL.,	PLE COMPL., 2			ROTARY TOOLS		OLS	CABLE TOOLS			
5660			56	600'		11011 1111		PLE COMPL., 23. INTER DRILL			YES			NO		
PRODUCING INTERV	AL(S), OF	THIS COM	IPLET	ION - TOP,	вотто	M, NAME (MI	AND TVD)*						25.	WAS DIRECTIONAL SURVEY MADE		
Blanco Mesavei	rde 4	5521-	5504	41,000		1402								NO		
				4678		900							27 WA	NO S WELL CORED		
6. TYPE ELECTRIC A	ND OTHER	LOGS RU	JN			DT, CCL							21. WA	N N		
							Report all strin	as set	in wall)					.		
B. CASING SIZE/GRADE	WEIG	HT IR/F	रा ।	DEPTH			OLE SIZE	<u> </u>		MENT,CEM	IENTIN	G RECO	DRD	AMOUNT PULLED		
CASING SIZE/GRADE WEIGHT, LB./FT. 9.625" K-55 36#			••		76'	-,	12.25" 150 sxs Ct B to surface									
7.000" K-55				3307'			8.75"	s Cl B lead	CI B tail t	to TOC @	1140'					
9.	. LIN			RECORD)				30.		TUBING RECORD			 		
SIZE	TOP (M)	TOP (MD) BC		BOTTOM (MD) SA		S CEMENT*	SCREEN (N	1D)	SIZE		DEPTH SET (MD)			PACKER SET (MD)		
4.500"	3085'		5	5657'		io sxs CI B			2-3/8"		5294*					
					J		32.	ACID	SHOT I	BDACTHE	E CE	MENT	SOUE	ZE, ETC.		
PERFORATION REC	ORD(Interva	al, size, ar	nd num	iber)			DEPTH IN		·							
5272'-5402' with 1 jspf, .							5272'		5402'	 	AMOUNT AND KIND OF MATERIAL US # of 20/40 Arizona sand					
4678'-5104' with 1 jspf, .300 inch diameter, total 42 shots fired				s fired.			4678				of 16/30	Arizona sa				
										<u> </u>						
3.*		T					ODUCTION					1	om i mi i	0.45		
DATE FIRST PRODUC' 12/29/1998		PRODU	CTION	METHOD	(Flowing		oing - size and typ owing	e of pu	mp)			shut-	in)	S (Producing or SI		
DATE OF TEST	HOURS TI	HOURS TESTED		CHOKE SIZE		OD'N FOR	OIL - BBL.	OIL - BBL.		CF.	WATER - BBL.		<i>-</i> .	GAS-OIL RATIO		
12/29/1998	14	hrs		3/4"			Trace		1.950 mcf		0					
LOW TUBING PRESS	CASING P	CASING PRESSURE		CALCULATED 24-HOUR RATE		L - BBL.	GAS - MCF.		WATER		- BBL. O		OIL GR	OIL GRAVITY - API (CORR.)		
N/A		20#			→											
4. DISPOSITION OF G	AS (Sold, us	sed for fue	l, vente	d, etc.)					İ	TEST WIT	NESSEI) BY				
O BE SOLD	AFNITE															
5. LIST OF ATTACHN	IENTS											a L	UIL	ก ยดด กะกะ		
36. I hereby certify	that the firm		nd c++-	ahad infe	matica !	a complete -	nd correct as d	tore:	ad from -	II available	*****	<u> 100£</u>	ΓIC	D FOR RECU		
30. I hereby certify	uiat the for	egoing ai	и апа /	ched miori	mauon 1	s complete a					, iccord			adu ka sassi		
SIGNED	UШ.	, XX	sec	son		TITLE _	Sr.	Adm	n St As	st.		DAT	EJAN	1011-11119999		
		- V 0 0			 											

Atlantic B LS #7B

	Mancos	Pt. Lookout	Menefee	Cliff House	Lewis Shale	Pictured Cliffs	Fruitland Coal	Kirkland	Ojo Alamo	FORMATION	37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereo depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):
	5504	5254	4862	4552	3200	3042	2430'	1754	1570'	TOP	S ZONES: (Show used, time tool ope
										воттом	all important zones of poron, flowing and shut-in press
										DESCRIPTION, CONTENTS, ETC.	37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):
		walder over							MANA	NAME	38.
U.S. GOVERNMENT PRINTING OFFICE: 1991-574-226									MEAS. DEPTH	T	GEOLOGIC MARKERS
NG OFFICE: 1991-574-226									TRUE VERT. DEPTH	TOP	

Atlantic B LS #7B - Subsequent of Completion Operations January 11, 1999

Move in to complete 12/16/98. RU tbg head and pressure tested to 3000#. Held okay. Run TDT, CCL and CBL logs from 200' to 5661' to pick perfs.

Perforated at 5272', 5274', 4277', 5281', 5284', 5287', 5290', 5292', 5295', 5307', 5314', 5315', 5319', 5321', 5324', 5327', 5329', 5332', 5336', 5338', 5340', 5342', 5354', 5357', 5360', 5363', 5366', 5370', 5374', 5376', 5378', 5389', 5393', 5395', 5398', 5402' with 1 jspf, .300 inch diameter, total 36 shots fired.

Break down formation with 500 gals of 7.50% acid and dropped 55 ball sealers and did not see any ball action. Run junk basket to knock balls off. Frac'd with N2 foam and 110,056# 20/40 Arizona sand. Set CIBP at 5192'. Pressure tested to 2000#, held okay.

Perforated at 4678', 4684', 4686', 4696', 4706', 4723', 4729', 4741', 4757', 4761', 4768', 4772', 4779', 4785', 4790', 4794', 4800', 4803', 4810', 4813', 4816', 4820', 4829', 4832', 4835', 4840' 4845', 4849', 4853', 4856', 4861', 4896', 4898', 4907', 4909', 4911', 4913', 4916', 4920', 4923', 5010', 5014', with 1 jspf, .300 inch diameter, total 42 shots fired.

Breakdown formation with 500 gals of 7-1/2% acid formation broke 1500# and dropped 63 ball sealers and saw good ball action. Knock balls off with junk basket. Frac'd with N/2 foam and 146,112# of 16/30 Arizona sand.

ND frac head and NU flow back tree. Flow second stage frac. Flow back for 24 hrs to cleanup.

Move in service rig 12/23/98 and blow well down. ND frac head and NUBOP's. Flow to clean up. Start cleaning out with tbg. TIH PU bit and tbg. Blow down casing to start milling on CIBP. TIH and tag 47' of fill on CIBP. Drill out CIBP and flow well and clean out to PBD at 5600'. TOH to 7" casing and RU to flow. Flow both zones (Pt. Lookout and Cliffhouse) to clean up with 3/4" choke. TIH and tag and clean out 25' of fill, flow well to clean out.

Tested on 12/29/98 for 14 hrs on 3/4" choke, recovered 1.950 mcf, trace oil and no water. Casing pressure 120#. No tubing in hole.

Land 2-3/8" tbg at 5294'.

Rig released 17:00 hrs on 12/30/98.