Form 3160-4 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137

Expfres: November 30, 2000

	**	LL CC	אואור ב		ON OR I	KEUUM	IPLE	HON	REPOR	rt ani	DLOG		5.	Lease S	Serial No.			
la Type of Wall Digital Wall St. C.												SF-078095A						
la. Type of Well Oil Well Sas Dry Other b. Type of Completion: New D West Over San										6.	6. If Indian, Allottee or Tribe Name							
b. Lype	of Comple	tion:	0	N P	ew [Work (over [Deep	en 🔲	Plug Bac	k TÎ D	iff. Resyr			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	- 01	11100 11	anic
			0	ther -							_		7.	Unit or	CA Agre	emen	it Name	and No
2. Name	of Operato	r								7	 	<u> </u>	1 .		ŭ			r una 110.
					Hallado	r Petro	leum	110		William	1		8.	Lease N	lame and	Well	No.	
3. Address Hallador Petroleum, LLP 3a. Phone Northeliade area code)										_	Horton #1B							
1	1660 Lin	coln S	t Su	ite 2	700 De	nver CC	200	264					9.	API We	ll No.			
1660 Lincoln St., Suite 2700, Denver CO 80264 4. Location of Well (Report locations clearly and in accordance with Federal requirements)*												30-045	5-30	165				
							accordance with Federal requirements) *						10	10. Field and Pool, or Exploratory				
At surface 2370' fs					370' fsl, 1	1750' fel, Sec 7 T31N R 1 W 555 2003						1	Blanco-Mesaverde					
At top prod. interval reported below Same										,	11. Sec., T., R., M., or Block and							
• •		· reporte	a ociov	· Ju	1110				\$	r Teil I				Survey	or Area	ום וכ 7 -	DCK and) D11\\/
At total d	lepth			sa	me	Vine to the second of the seco					12.				13. State			
	Spudded			Same 15. Date T.D. Reached 16 Date Completed								San Juan NN			NM			
	04/23	/nn		To. Bate Completed							17.	17. Elevations (DF, RKB, RT, GL)*						
10 7				<u>_</u>	05/01/00 D&A Ready to 08/21/00								6250 KB 6238 GL					
18. Total	-	MD TVD	74	90	19.	Plug Back	(T.D.:		5575			20. Dept	h Bridge					
21. Type			lechani	anl I	ogs Run (S			TVD				i		, i iug se	TVD			
High R	es. Indu	ction.	Spect	rai [ogs Run (S Density I	ubmit cop	y of ea	ich) Ioutror	ما سال		22. Wa	as well con	[X]	No 🗖	Yes (Su	bmit	copy)	
_		•			- 0.10/ty 1	-pitricii	iiai iv	eulioi	ı, mıgn	Res. I		as DST rur	1 🔼	No 🗖	Yes (Su	bmit	copy)	
23. Casir	g and Line	r Record	(Ranc	rt all	strings set						Dit	ectional S	urve 🛚	No	Yes Yes	(Sub	mit cop	y)
	Size/Grad	1		T^{-}				Ctops										
	. 1	de Wt.	(#/ft.)	T	op (MD)	Bottom	(MD)		Cementer epth		f Sks. &	Slurry \		Cement	Top*		A moun	+ D11-4
12-1/4	9-5/8	K-5	5 36	s	urface	21	9		19		of Cement (BBL)						Amount Pulled	
8-3/4	7	K-5	5 20	s	urface	317			173		91			surface CIR				
6-1/8	4-1/2	J-55	11.6		2748	733			331		88			surface CIR 5124 CBL				
24 Tubin	4-1/2			2748		733			48	120			2748		CBL			
24. Tubin														2140	Cit 1			
2-3/8		Set (MD)	Pack	er De	pth (MD)	Size	е	Depth S	Set (MD)	Packer I	Depth	Siz	e.	Dent	h Set (MI	,,	Darler	0 . 0 .
2-3/0	51	30	-											Берг	ii Set (IVIL	<i>"</i>	Раске	r Set (MD)
25. Produ	cing Interv	ale																
	Formatio				Ton	D ::			rforation									
A)	Mesave								rforated Interval			Size	No.	No. Holes		Perf. Status		
B)					4900	536		4908-5					38		open			
C)								4346-4626			1/2"		3	39		squeezed		
D)						<u> </u>												
27. Acid, 1	Fracture, Ti	reatment	, Ceme	nt Sq	ueeze, Etc.													
	Depth Inter			<u>_</u>						mounta		214						
	4908-55	65		150.	,000# 20)/40 san	d wit	h nitro	gen for	amount a	nd type of	Material						
	4346-46	_		160	000# 20	/40 san	d wit	h nitro	gen foa	amed s	lick wa	ter frac						
	4346-4626 32.5 bbls cement squeeze																	
	4346-46			31.5	bbls ce	ment so	ueez	ze						·				
28. Produc																		
	Test Date	Hours	Test			Gas	Water		Oil Gravit	у	Gas		Production	n Method				
08/21/00		Tested 24	Produc	ction	O BBL	MCF	BBL	•	Corr. API	ŀ	Gravity	[Domony				
	Tbg. Press.	Csg.	24 Hr.			633 Gas	Water	0	011.0						Flowir	าต		
Size		Press.	Rate			MCF	BBL		Oil Gravit Corr. API	у [Well Status					<u> </u>		
	SI	420			0	633		0					В	roduci				
28a. Production - Interval B							<u></u>		Producing ACCEPTED FOR RECO									
	Test Date	Hours Tested	Test Produc			Gas	Water		Oil Gravit	y (Gas	Į,	roduction	Method	- : - i)	<u> </u>	H OF	<u>-CORI</u>
		103100	loduc	uon	BBL	MCF	BBL	i	Corr. API		Gravity							
	Tbg. Press.	Csg.	24 Hr.	-	Oil (Gas	Water		Oil Gravity	W 1: 2		SFP 0 1 2000						
ize	Flwg.	Press.	Rate	- 1		иСF	BBL	i	Corr. API	′] ^v	Vell Status							
Saa inst	SI .			▶↓										FARM	mal Un	à Fis	do ok	IFFICE
see instruct	tions and sp	paces for	additio	onal d	lata on rev	erse side)								134			и	

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201 D.	1 -1 1 1	- 10	<u> </u>										
	duction - Inte		IT	Io:	16	hir .	Ton .						
Produced	Test Date	Hours Tested	Production	Oil BBL	Gas MCF	Water B3L	Oil Gravity Corr. API	Gas Gravity	Production Method				
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas : Oil	Well Status		····			
Size	Flwg. SI	Press.	Rate	BBL	MCF	BBL	Ratio						
28c. Production - Interval D													
	Oate First Test Hours Test Oil Gas Water						Oil Gravity	Gas Gravity	Gas Gravity Production Method				
Produced	Date	Tested	Production	BBL	MCF	BBL	Corr. API						
Choke Size	Tbg. Press. Flwg. Si	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status					
29 Disni		S (Sold use	d for fuel v	antad atc.					· · · · · · · · · · · · · · · · · · ·				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold													
	nary of Poro	us Zones (Ir	nclude Aqui	31. Formatio	31. Formation (Log) Markers								
tests,	all important including de ecoveries.	nt zones of p											
For	Formation Top			<u> </u>	Descrip	ptions, Content	s, etc.		Name				
Nacimiento Ojo Alamo		surface 1024		water zo water zo				Ojo Alamo	Nacimiento Ojo Alamo Kirtland Shale				
Fruitlar	Fruitland 2370 2833 gas zone								Kirtland Shale 10 Fruitland 23				
Picture	d Cliffs	2833		gas zon					Pictured Cliffs Lewis Shale				
Lewis S		3010	4398	gas zon	е								
Cliff Ho	House 4398 4632 gas zone							Cliff House	е	3010 4398			
Menefe	1 1 13							Menefee	7002				
Point L	t Lookout 5032 5448 gas zone							Point Look		5032			
Dakota	ota 7230 gas zone					Macos Sh	ale	5448					
Danoia	kota 7230 gas zone						Dakota		7230				
								all tops me	all tops measured from KB				
32. Addit	ional remark	s (include p	lugging pro	cedure):									
perf 4 holes @ 5111, squeeze 122 sacks cement, cement top 5030 CBL. Perf 4 holes @ 5010, squeeze 95 sacks cement, cement top 4900 CBL. Perf 4 holes @ 4860, squeeze 50 sacks cement, cement top 4848 CBL. Perf 4 holes @ 4650, squeeze 85 sacks cement, cement top 4030 CBL. Squeeze lap at 2748 with 120 sacks cement, cement top 2748 CIR.													
33. Circle enclosed attachments:													
1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey 5. Sundry Notice for plugging and cement verificatio 5. Core Analysis 7. Other													
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*													
Name (please print) Timothy Lovseth								Manager c	Manager of Exploration and Geology				
Signat	ure	100		-ti	<u>\</u>		Date _	8,	125/00				
T(41- 10 1	ISC Section	1001 and						7					

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 the U States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.