Form 3160-4 (April 2004)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137 Expires March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG												5	5. Lease Serial No.  NMIC 063621			
1- T					- A	-0/	20-		452	-	···	-			or Tribe Name	
la. Type	of Well		ll Gas				Other E		tol Bar				). II MQIAU, P	Anotee (	n Title Name	
b. Type of Completion:												_ 7	7. Unit or CA Agreement Name and No.			
2. Name of Operator											8	8. Lease Name and Well No.				
	sources In	c.		<u>~</u>		<del></del> -		13a	Phone No.	(include	area code	<u>,                                    </u>	Ranger 7 Fed Com 4H			
3. Address 3a. Phone No. (include area code)  P.O. Box 2267 Midland, Tessas 79702 432 686 3689											′   9	9. API Well No.				
P.O. Box 2267 Midland, Texas 79702 432 686 3689  4. Location of Well (Report location clearly and in accordance with Federal requirements)*											10	30-015-34418 10. Field and Pool, or Exploratory				
At surfa	ace 2310	FSL &	510' FE	1. U/:	ьī								Sand Ta	mk; I	Bone Spring	
												11	11. Sec., T., R., M., or Block and Survey or Area			
At top prod. interval reported below												L	Sec 7,	T185,		
At total	At total depth 321; page, 2, 675; page, 11/7, D											12	2. County or	Parish	13. State	
	. 331		675' ¥		/L P	-т	16 D-	40 C	mlas ad				17. Elevations (DF, RKB, RT, GL)*			
14. Date S	spuaaea	115. Da	te T.D. Rea	acned				te Com D & A	•	₹ Read	y to Prod.		17. Elevations (DF, RRB, R1, GL)			
8/03	3/06	8/	27/06			-	D & A Ready to Prod.  9/21/06						3507 GL			
	Depth: MD			19. Plug	Back T.D.:	MD	·		•	20.	Depth Bri	dge Plu	ıg Set: M	D		
	TVD		043			TVI	D			Щ.				VD		
21. Type	Electric & Othe	r Mechani	cal Logs R	un (Subr	nit copy of ea	ach)				l	as well core		No [	<b>≝</b>	Submit analysis)	
										Was DST run Directional Survey		_	No Yes (Submit report			
23. Casin	g and Liner Rec	ord (Repo	rt all string	s set in	well)						rectional St	u vey:		ها ا	es (Submit copy)	
Hole Size	Size/Grade	Wt.(#ft.)	<u> </u>	T	Bottom (MD)	Sta	age Cem	enter	No.of SI	ks. &	Shurry	Vol.	Cement T	Con#	Amount Pulled	
			, , , , , , , , , , , , , , , , , , , ,			Depth			Type of Cement		(BBI	.)			Alikoult Fulled	
	14 3/4 11 3/4 42			-	398				320 C 1065 POZ C		<del> </del>		Surface Surface			
11	8 5/8	32	+		3225	-					<del>                                     </del>		Suria	ce		
7 7/9					9668				250 C 715 TXT Lite				Surface			
7 7/8	5 1/2	17		-	3000	-			/13 TAL	ши			Surra			
	ļ		_	$\dashv$		-					<b></b>		<del> </del>	-		
24. Tubin	g Record					L					L		<u> </u>			
Size	Depth Set (	(MD)	Packer Depth	(MD)	Size	D	epth Set	(MD)	Packer D	epth (MD	) Si:	ze .	Depth Set	(MID)	Packer Depth (MD)	
2 3/8 7889																
25. Produ	cing Intervals					26.	Perfor	ration R	ecord			-,				
	Formation		Тор	Top Bottom		<u> </u>	Perforated Interval				Size		No. Holes		Perf. Status	
A) Bone Spring					<del> </del>		8960 - 9450					<del> </del>	30	1	Producing	
	<u>B)</u>						82	<u> 250 – </u>	8730			+-	30	<b> </b> -		
<u>C)</u>						├-				-		┼		├		
D)	B =	~	L			Щ.						т—		↓	<del></del>	
27. Acid,	Practure, Treat	ment, Cen	ient Squeez	e, Etc.												
	250 - 9450		-	/ 7	940 bbls				Amount and				**			
	230 - 3430		FLAC	: W/ /	340 DUE	811	.CK W	acer;	337000	108 2	U/4U S	Ther	LC.			
															<del></del>	
28. Produc	tion - Interval A	<u> </u>	<del>!</del>													
Date First	Test	Hours	Test	Oil	Gas		Vater	Oil		Gas	Pro	oduction	1 Method			
Produced <b>9/21/0</b>	Date 9/26/06	Tested 24	Productio	n BBI	MCF 850	BBL Gra		Gravit	.y	Gravity	Pumping			ing		
Choke Tbg. Press. Cs		Csg.	24 Oil Gas Hr. BBL MCF			Water Gas: Oil V			Well Sta	Well Status						
3126	SI 190	Press.	<u> </u>	► BBI	MCF	В	BL	Ratio	2098		POW					
28a. Produ	ction-Interval B															
Date First Produced	Test Date	Hours Tested	Test Oil Gas Production BBL MCF			Water Oil BBL Gravit		$\sqrt{}$	Gas Gravity			Method				
		<b></b>				4		<b></b>								
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr.	Oil BBI	Gas MCF		/ater BL	Gas: C Ratio	) 1	Well Sta	tus					
(See instruction	SI is and spaces for add	litional data e	n nage 2)						1				<del></del>			

		Test	Oil	Gas	Water	Oil		Gas	Production Method	
Date	Tested	Production	BBL	MCF	BBL	Gravity		Gravity	Troduction Medica	
Flwg. SI	Press.	Hr.	BBL	MCF	BBL	Ratio		wen Status		
		T	0:1	Ta	I Water	Loa		Con	Decduration Mathed	
Date	Tested	Production	BBL	MCF	BBL	Gravity		Gravity	Production Method	
Flwg. SI	Press.	Hr. →	BBL	Gas MCF	BBL	Gas: Oil Ratio		Well Status		
n of Gas (So	ld, used for fi	uel, vented, etc	2.)		SOLD					
important	zones of po oth interval	prosity and co	ntents th					31. Format	tion (Log) Markers	
on	Top	Rottom		Descriptions, Contents, etc.					Name	Тор
	P									Meas.Depth
										2350
									_	3260
										4290 6845
										i
								1		7470 8050
1	}									
ŀ										
İ										
	İ									
1										
al remarks (	include plug	ging procedur	e):							
which items	have bee at	tached by plac	ing a che	eck in the a	ppropriate	boxes:				
cal/Mechan	ical Logs (1	full set req'd)		Geol	ogic Repo	rt DS	ST Report	X Direct	tional Survey	
Notice for	plugging an	d cernent verif	ication	Core	Analysis	Oti	her			
certify that	the foregoin	g and attached	informa	tion is con	nplete and	correct as de	etermined f	rom all availa	able records (see attached in	structions)*
ease print)	STan Wa	agner					Title	Regulat	cory Analyst	
	1	. /				-				
Il	ent	low					Date	9/28/06	5	
							•	2,20,00		
	Test Date  Tbg. Press. Flwg. SI  Test Date  Test Date  Ton-Interval  Test Date  Tog. Press. Flwg. SI  n of Gas (So  of Porous important cluding detained and recover and recov	Tog. Press. Flwg. SI  On-Interval D  Test Date  Test Date  Test Date  Test On Fress. Flwg. Flwg. Flwg. Flwg. Flwg. Flwg. Floress. Flwg. Fress. Floress. Flwg. Fress. Flwg. Fress. Flwg. Fress. Flwg. Fress. Flwg. Fress. Flwg. Fress. Floress. Floress. Floress. Floress. Floress. Flwg. Fress. Floress. Flores	Test Date Tested Production  Tbg. Press. Csg. Press. SI  On-Interval D  Test Date Tested Production  Test Date Tested Production  Tog. Press. Csg. Press. Press. SI  on of Gas (Sold, used for fuel, vented, etc. of Porous Zones (Include Aquifers): important zones of porosity and concluding depth interval tested, cushis and recoveries  on Top Bottom  which items have bee attached by place cal/Mechanical Logs (1 full set req'd) of Notice for plugging and cement verification of the plugging and cement verification of the plugging and attached certify that the foregoing and attached certification of the c	Test Date Tested Production BBL  Tog. Press. Csg. Press. Hr. BBL  On-Interval D  Test Hours Date Tested Production BBL  Tog. Press. Csg. Press. Hr. BBL  Tog. Press. Csg. Press. Hr. BBL  Tog. Press. Csg. Press. Hr. BBL  Tog. Press. Csg. Press. Hr. BBL  on of Gas (Sold, used for fuel, vented, etc.)  Tog Porous Zones (Include Aquifers):  important zones of porosity and contents the duding depth interval tested, cushion used and recoveries  on Top Bottom  Top Bottom  Top Bottom  Which items have bee attached by placing a checal/Mechanical Logs (1 full set req'd)  Notice for plugging and cement verification certify that the foregoing and attached informatical certify that the foregoing and attached informatical certify that the foregoing and attached informatical certify that the foregoing and attached informatical certify that the foregoing and attached informatical certify that the foregoing and attached informatical certify that the foregoing and attached informatical certify that the foregoing and attached informatical certify that the foregoing and attached informatical certify that the foregoing and attached informatical certify that the foregoing and attached informatical certification	Test Date Tested Production BBL Gas BCF MCF  Tog. Press. Csg. 24 Oil BBL MCF  Tog. Press. Press. Hr. BBL MCF  Test Date Tested Production BBL MCF  Tog. Press. Csg. 24 Dil Gas MCF  Tog. Press. Csg. 24 Dil Gas MCF  Tog. Press. Csg. 24 Dil Gas MCF  Tog. Press. Csg. Press. Hr. BBL MCF  Tog. Press. Csg. Press. Hr. BBL MCF  Tog. Press. Csg. Press. Hr. BBL MCF  Tog. Press. Csg. Hr. BBL MCF  Tog. Press. Csg. Press. Hr. BBL MCF  Tog. Press. Csg. Hr. BBL MCF  Tog. Press. MCF  Tog. P	Test Date	Test Date   Hours   Test   Production   BBL   Gas   Water   BBL   Gravity   Thg. Press.   Cag.   24   Hr.   BBL   Gas   Gas   Water   Gas: Oil   The press   Hr.   BBL   Gas   Water   Gas: Oil   Test Date   Tested   Production   BBL   MCF   BBL   Gravity   Thg. Press.   Cag.   24   Oil   Gas   BBL   Gravity   Thg. Press.   Cag.   24   Oil   Gas   BBL   Gravity   Thg. Press.   Cag.   24   Oil   Gas   BBL   Gravity   Thg. Press.   Cag.   Hr.   BBL   MCF   BBL   Gravity   Thg. Press.   Cag.   Hr.   BBL   MCF   BBL   Gravity   Thg. Press.   Cag.   Hr.   Dill   Gas   Water   Gas: Oil   Thg. Press.   Cag.   Hr.   BBL   MCF   BBL   Gravity   Thg. Press.   Cag.   Hr.   Dill   Gas   Water   Gas: Oil   Thg. Press.   Cag.   Hr.   Dill   Gas   Water   Gas: Oil   Thg. Press.   Tested   Production   Dill   Gas   Water   Gas: Oil   Thg. Press.   Cag.   Hr.   Dill   Gas   Water   Gas: Oil   Thg. Press.   Tag.   Dill   Tag.   Dill   Thg. Press.   Tag.   Dill   Tag.   Dill   Thg. Press.   Tag.   Dill   Tag.   Dill   Thg. Press.   Tag.   Dill	Test Date   Hours   Test   Dil   Gas   MCF   BBL   Gravity    Tog. Press.   Crg. Str.   Dil   Gas   MCF   BBL   Gravity    Tog. Press.   H.   Dil   Gas   MCF   BBL   Gravity    Tog. Press.   H.   Dil   Gas   MCF   BBL   Gravity    Test   Hours   Test   Dil   Gas   MCF   BBL   Gravity    Tog. Press.   H.   Dil   Gas   Mater   Gas   Gis   Gas   Test Date Tested Production BBL MCF BBL Gravity Gas Cravity Trag Press. Csg. 24 Oil Gas MCF BBL Ratio Well Status Sn-interval D  Test Date Tested Production BBL MCF BBL Gravity Gravity Gravity Test Date Test Production BBL MCF BBL Gravity Gravity Test Date Test Production BBL MCF BBL Gravity Gravity The Press. Csg. 24 Oil Gas Water Gas: Oil Well Status The Press. Csg. 24 Oil Gas Water BBL Gravity Gravity The Press. Csg. 24 DBL MCF BBL Gravity Gravity The Press. Csg. 24 DBL MCF BBL Gravity To of Porous Zones (Include Aquifers): Important zones of porosity and contents thereof: Cored intervals and all drill-term blanding depth interval tested, cushion used, time tool open, flowing and shut-in  Top Bottom Descriptions, Contents, etc.  Queen San And Bone 2nd Bone 2nd Bone 2nd Bone 3nd Bon	Test   Bours   Tested   Production   BBL   Gas   BBL   Gas   Garety   Gravity   Gravit	