Form 3160-4 (August 2007)

(See instructions and spaces for additional data on page 2)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

OCD-HARBS OCD

FORM APPROVED OMB NO. 1004-0137 Expires July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOGAN 0.5^{-2012}											12 :	5. Lease Serial No. NMNM12412				
1a. Type of Well Gas Well Dry Other										- ,	6. If Indian, Allotee or Tribe Name					
b. Type	b. Type of Completion:										r,.	7. Unit or CA Agreement Name and No				
2 Name	of Operator					· · · · ·	-		= -					T 11 3 T		
	sources In										18	8. Lease Name and Well No.				
3. Address 3a. Phone No. (include area code)											le)	Usk 23 Federal 3H 9 API Well No.				
	ox 2267 Mi				7	F 1 7		432-3	<u>686-3</u>	8689		30-025-	4016	6		
4. Location of Well (Report location clearly and in accordance with Federal requirements)*											10	10. Field and Pool, or Exploratory Lusk; Bone Spring, East				
At surface 1980' FNL & 330' FWL, U/L E											1	Lusk; E			<u>-</u>	
At top prod. interval reported below											_	Survey or Area Sec 23, T19S, R32E 12. County or Parish 13. State				
At total depth 1940' FNL & 378' FEL, U/L H												z.County or 1 ea	arish	13.State		
14 Date Spudded 15. Date T D. Reached 16. Date Completed											1	17. Elevations (DF, RKB, RT, GL)*				
D & A X Ready to Prod.											·					
7/31/11 9/03/11 11/12/11 18. Total Depth: MD 14000 19. Plug Back T D.: MD 13967 20. Depth Bridge									idae Ph	ge Plug Set: MD						
10. Total	TVD		1000 9823	17. Tiug D	ack I D	TVD	13	967	20. 1	ocpui bi	iuge i ii	ge Flug Set. MD TVD				
21. Type	Electric & Othe			un (Submit	copy of ea	ich)			22 W	as well co	ored?	X No	<u> </u>	Yes (Submit analysı	s)	
Was DST run											un	X No	<u> </u>	Yes (Submit report		
CND, L			- 17	 					D	Pirectional	Survey?	No No	<u>x</u>	Yes (Submit copy)		
23. Casing	g and Liner Red	cord (Repo	ort all string	zs set in wel	1)	- C		1 27 661	_	-		 				
Hole Size	Size/Grade Wt (#ft) Top (MD)		(D) Botto	Bottom (MD)		nenter h		To of Sks & pe of Cement		Vol BL)	Cement Top*		Amount Pulled			
14-3/4	/4 11-3/4 42			1	1075				7.			surface				
11	1 8-5/8 32			4800		3122		1300	C			surface				
7-7/8	7-7/8 5-1/2 20			13	13967			350 C-1500 H				surface				
24. Tubing	g Record							l								
Size	Depth Set (MD) I	Packer Depth	(MD)	Size	Depth Se	ot (MD)	Packer Dep	th (MD)	1 6	ıze	Donth Sat	(MT)	Poster Durch (
2-7/8	8885	Depth Set (MD) Packer Depth (ימו (מוט)	(NE) SIZE		Depth Set	(IVID)	Packer Depth (I	VID)					
	cing Intervals					26 Perfo	ration R	ecord		•						
	Formation		Top Bottom			Perforated Interval				Size		No Holes		Perf Status		
A)	Bone Spri	9781		9909 - 13745				0.44		288		Producing				
B)											_					
C)		· · · · · ·						· · · · · · · · · · · · · · · · · · ·								
D)													<u> </u>			
	Fracture, Treatr	nent, Cerr	ient Squeez I	e, Etc.												
Depth Interval Amount and Type of Material										_						
99	09 - 13745	. <u> </u>	Frac w/ 2961 bbls 7-1/2% HCl acid, 1196540 lbs 100 m 40/70 sand, 23447 bbls load													
			40//	U Balid,	2344/	DDIS TO	ad]	RECL	AM	ATION		
												DUE .		2-/2		
28 Product	ion - Interval A															
Date First	Test	Hours	Test	Oıl	Gas	Water	Oil Gra	Dr' 1	Gas r	—	roduction	1 Method	ים ר	TOODD		
Produced 11/12/11	Date 11/26/11	Tested 24	Production	BBL 107	MCF 78	BBL 334	Corr A	13.0	Gravity		, ED.	[FI] F(Pump	計ししばり		
Choke	Tbg Press	Csg	24	Oil	Gas	Water	Gas ⁻ (Vell Sta	rus 100						
Size 10/64	Flwg. 320	Press.	Hr	BBL	MCF	BBL	Ratio	728	1	POW		•			1	
	tion-Interval B	·						- 			1	nec 3	20	11	+	
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gra		Jas	P	roduction	Method	- "*		+	
Produced	Date	Tested	Production		MCF	BBL	5501 7	(Gravity			& Cm				
Choke Size	Tbg Press Flwg	Csg Press	24 Hr	Oıl BBL	Gas MCF	Water BBL	Gas (Oil V	Vell Stat	tus	BUREA	OF LAN	D MAR	NAGEMENT		
	SI		→			1				\ '	(<u>[</u> []	RI SRAD F	IELD (OFFICE		

28b. Producti	ion - Inter	val C				٠.	- <u>-</u>								
Date First Produced				Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity						
Choke Size	Tbg. Press. Csg. Flwg Press			24 Hr	Oıl BBL	Gas MCF	Water BBL	Gas. Oil Ratio	Well Status						
28c. Product	tion-Interv	val D			L					·					
Date First Produced				Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Production Method Gravity						
Choke Size	Tbg Pre- Flwg. SI	ss Csg Pres		24 Hr	Oil BBL	Gas MCF	Water BBL	Gas. Oil Ratio	Well Status			-			
29 Dispositi	on of Gas	(Sold, used	for fue	l, vented, etc	c.)	<u> </u>	SOLD		· · · · · · · · · · · · · · · · · · ·	· · · · · ·					
30. Summary of Porous Zones (Include Aquifers):									31. Format	31. Formation (Log) Markers					
	ng depth in			nd contents then used, time t											
Format	tion	Тор		Bottom		Descri	ptions, Co	ntents, etc.		Name	Top Meas Depth				
Rustler		1030			 				Rustler	·	1030				
Base Sa		1050		2600					Yates		2815				
Yates		2815	.						Seven Ri	vers	3165				
Seven Rivers		3165							Queen		4060				
Capitan		3264							Cherry C	Canvon	5060				
Queen		4060							Brushy C	- 1	6024				
Cherry Cyn		5060							- I	Spring Carbonate		7530			
Brushy Cyn		6024				1st Bone Spring Sand						8700			
1st BS Carb		7530				2nd Bone Spring Carbonate						9000			
1st BS Sand		8700							2nd Bone	Spring Sand	9	9284			
2nd BS Carb		9000							3rd Bone	Spring Carbonate	9	9781			
2nd BS S		9284									r_)				
3rd BS (Carb	9781										OSS STATE			
32. Addition	nal remark	cs (include	pluggi	ng procedur	e).				······		1 15				
				,								AND MOM			
33. Indicate X Electri Sundry	ical/Mech	anical Log	gs (1 ful			Geolog	ppropriate gic Report Analysis		ort X Directi	onal Survey					
34 Thereby	cettifuk	a it sala	VI A L	R. s. t. s.	ınformati	ion is com-	nlete and a	orrect as determin	ed from all avail	able records (see attached in	oterrotion-*				
	244-4	and the same	- CONTRACTOR	والمراقض	iiioiinati	ion is com	piete aliu t				istructions)*				
Name (pl	euse prini	<u>star</u>	ı Waqı	ner		·· · · · · · · · · · · · · · · · · · ·		Tit	tle <u>Regulato</u>	ory Analyst	-				
Signature Atam Na								Da	11/29/11						
			7 (<i>V</i>								···········			
"41- 10 TTO C	O	1001 1	വയാണം വി	ים היסיד בו		10 1									

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