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

## OCD Hobbs

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137 Expires: October 31, 2014

## WELL COMPLETION OR RECOMPLETION REPORT AND LOGOBBS OCT

										0100	3 OCD	LC 0	29509	9B			
la. Type of Well Oil Well Gas Well Dry Other b. Type of Completion: New Well Work Over Deepen Plug Back Diff. Re							f. Resvr.	Resvr.,   AN 0 4 2012			6. If Indian, Allottee or Tribe Name N/A						
Other: Acid Gas Injection Well											7. Unit or CA Agreement Name and No. N/A						
2. Name of Operator Frontier Field Services, LLC  RECEIVED										Malja	Lease Name and Well No.     Maljamar AGI #1						
3. Address 4200 Skelly Dr. SE. 700, Tulsa, OK 74135  3a. Phone No. (include area code) (918) 492-4450											9. API Well No. 30-025-40420						
4. Location of Well (Report location clearly and in accordance with Federal requirements)*											10. F	10. Field and Pool or Exploratory					
130'FSL, 1813' FEL,Sec. 21, T17S, R32E NMPM, Lea Co. NM At surface											11. S	Wolfcamp  11. Sec., T., R., M., on Block and Survey or Area 130'FSL, 1813' FEL,Sec. 21, T17S, R32E NMPM, Lea Co. NM					
At top prod. interval reported below											•	or Parish		3. State			
At total depth  14. Date Spudded   15. Date T.D. Reached   16. Date Completed 12/10/2013												Lea County NM  17. Elevations (DF, RKB, RT, GL)*					
03/22/201	12			/09/20	12	D & A Ready to Prod.					4016	4016 GR,4031 KB					
18. Total D	•	D 10.1	83'		19. Plu		MD CVD 5	187' sidetrac		20. Depth	Bridge Plug		MD CVD				
21. Type E				gs Run	(Submit cor		1,100	1107 Sideliac		22. Was v		☐ No	· <b>Z</b>	Yes (Subm			
Logs have	e already b	een su	bmitted	to BLI	М						OST run? ional Survey	<b>☑</b> No		Yes (Submi		)	
23. Casing	and Liner I	Record (	Report at	l string	s set in wel	1)								100 (010111	, <b>,</b> ,		
Hole Size	Size/Gr	Size/Grade Wt. (#/ft.)		T	op (MD) Bottom (MD)		)   S	Stage Cementer Depth		No. of Sks. & Type of Cement		urry Vol. (BBL)		Cement Top*		Amount Pulled	
17 1/2"	13 3/8"	4	18#	0'		890'			700 sl				· · · · · · · · · · · · · · · · · · ·		60 bbls return to sur.		
12 1/4"	8 5/8"	2	24#	0'		4200'			1650 s	sks				200 bbls ref		bls return to sur.	
7 7/8"	5 1/2" 15 1/2# 0'			10,183'		175 sks corre											
	ļ					-				s therma					ļ		
	ļ			-		<del> </del>			<del> </del>	sks lead e							
24. Tubing	Record					<u> </u>			200 SF	S tall Hall	<u>,  </u>				l		
Size 2 7/8"		Set (MD	9452'		th (MD)	Size	De	Depth Set (MD) Packer Depth (MD) Size				Dep	pth Set (MD) Packer Depth (MD)				
25. Produc							26.	Perforation						,			
Formation Top						Bottom	-	Perforated Interval Size				No. Holes Perf. Status shots/ft open					
A) Wolfcamp-Acid Gas Injection B)								1				4 shots					
<u>C)</u>							009'-10130'	3-3331	1		4 shots/ft open		<del> </del>				
D)																	
27. Acid, F			Cement S	queeze	, etc.									<u> </u>			
9,579'-10,	Depth Inter	val		0 bblo	150/ UOI	171 bblo 240	V HCI		Amount	and Type o	f Material						
9,579-10,	130		<del>  4</del>	o bbis	15% HCI	_, 171 bbls 249	% HCI	<u> </u>									
			-+													-50	
			$\neg +$								<del></del> -			=00	DF(	:0RV	
28. Product					lo:	lo 1	**	67.6	· .	- In	6.7	TOES	TFI	J FUN	115	7 1	
Produced	Test Date	Hours Tested	Test Prod	uction	Oil BBL		Water BBL	Oil Gra Corr. A		Gas Gravity		OCCUPATION FOR			2013		
Choke	Tbg. Press.	Čsg.	24 H	т. '	Oil	Gas	Water	Gas/Oi		Well St	atus	+	JA	<i> </i> 4			
Size	Flwg. SI	Press.	Rate		BBL	MCF I	BBL	Ratio				X		D Z	MANA	GEMENT	
28a. Produc Date First		val B Hours	Test		Oil	Goe h	Water	Oil Gra	wity	Gan	Decd	uction M	REAU	LSBAD FT	thu o	1 /2 /2	
Produced	1 csi Date	Tested		action	BBL <sub>.</sub>		water BBL	Corr. A		Gas Gravity		uction M	E	31	/-1	1-2013	
Choke	Tbg. Press.		24 H	r.	Oil		Water	Gas/Oi		Well St	atus						
Size	Flwg. SI	Press.	Rate		BBL	MCF I	BBL	Ratio									

28h Prod	uction Inte	erval C	·		<del></del>						
28b. Production - Inte		Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method	· · · · · · · · · · · · · · · · · · ·	
Produced		Tested	Production	BBL	MCF	BBL	Corr. API	Gravity		•	
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status			
	SI		-								
28c. Prod	uction - Inte	rval D		I							
Date First	Test Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method		
Produced		Tested	Production	BBL	MCF	BBL	Corr. API	Gravity			
Choke Tbg. Press. Size Flwg.		Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status			
	SI	11055.	Maic	BBC	WICI	BBL	Kuno				
	l sition of Gas	s (Solid, us	sed for fuel, ve	nted, etc.)			1				
N/A											
30. Sumn	nary of Poro	ous Zones	(Include Aqui	fers):		31. Format	tion (Log) Markers				
	ng depth int					intervals and all ing and shut-in p					
			<del>-</del>			! 		<del></del>		Тор	
Formation		Тор	Bottom		Des	criptions, Conte	nts, etc.		Name	Meas. Depth	
						ddish brn, course t					
7 Rivers Fm. 2134' 3103' 2103' 3464'					ian, coarse to f gra k gray-reddish brn			ļ			
Grayburg Fm. San Andres Fm.		3464' 3858'	3858' 5444'			ray, very fine grain v fine grained, der				,	
			6227' 6963'			f buff-lt tan, v fn gm, buff-lt tan, v fn gm,	, dense, tr vugs, , dense, tr vugs, limey l	Р			
Tubb Fm. Abo Fm.						sl limey. Grd to limesto ale	ne				
Wolfcamp Fm.		9564'	10165'	LIMES <sup>1</sup>		-buff-It tan, v fn gri	n, dense, thin shale				
Cisco Fm.		10165	10183'	LIMES	TONE: offwhite	e-buff, vfn, dense, t	race fossils				
32. Addit	ional remarl	ks (include	plugging pro	cedure):	<del></del> -						
Data and	d reports h	nave alre	ady been su	bmitted t	o BLM.						
33. Indica	ite which its	ms have h	een attached h	v placing	a check in th	e appropriate bo	xes:	4			
								eport	☐ Directional Survey		
☐ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☐ Directional Survey ☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☐ Other:											
						-	<del></del>	m all available	records (see attached instructions)*		
			berto A. Gut		\				Field Services, LLC		
	Signature Date 12 28 12										
Title 18 II	S.C. Section	n 1001 an	d Title 43 II S	C. Section	12 make	it a crime for an	v nerson knowingly	and willfully to	o make to any department or agency	of the United States any	
false, ficti	tious or frau	idulent sta	tements or rep	resentation	s as to any n	natter within its	urisdiction.		achieve to any department of agency	2. Int office build any	
(Continue	d on page 3)	)		- :		r				(Form 3160-4, page 2)	