UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

OCD Hobbs

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

APR 3 0 2013

5. LEASE DESIGNATION AND SERIAL NO.

2208 W. Main Street 330 CEVEL 30-025-40863	WELL COMPLETION OR RECOMPLETION REPORT AND LOG											NMNM016497								
Code	1a. Type of Well X Oil Well Gas Well Dry Other									6.	6. INDIAN ALLOTTEE OR TRIBE NAME									
Code	b. Type of Completion X New Well Workover Deepen Plug Back Diff Resyr.									CD										
2. Name of Forentee APR 1 7 20 S. PARNICK LEASE NAME Local Age of the COG Operating LLC A. Addings D. Phone No. Invalided error colled S75.748.698 CEVET	·										7.	1								
Lusk Deep Unit A #24H													NM NM 70982X BU FARM OR LEASE NAME							
22.08 W. Main Street												ZUIS								
1. Cooling of Well (Report Sections) clearly and in secondance with Federal requirements)* At surface 330 FNL & 660 FWL, Lot 1 (NWNW) of Sec 19-T19S-R32E	3. Address 3a. Phone No. (include area code)																			
	2208 W. Main Street Artesia, NM 88210 575-748-6945 CEIVED												30-025-40863							
11. SEC T. M. COR BLOCK AND SPEVEY 19. SEC. 19. S	4. Location of Well (Report location clearly and in accordance with Federal requirements)* 10. FIELD NAME																			
At round deepth 349 F684 & 763 FM7E, Lot 4 (SWSW) of Sec 19-T19S-R32E	At surface 330' FNL & 660' FWL, Lot 1 (NWNW) of Sec 19-T19S-R32E																			
14 Date Spaded 15 Date TD. Renched 15 Date TD. Renched 15 Date TD. Renched 16 Date Compiled 2/28/13 17. ELEVATIONS (DF, RKD, RT, GR, etc.)* 12/19/12 1/5/13 16 Date Compiled 2/28/13 17. ELEVATIONS (DF, RKD, RT, GR, etc.)* 12/19/12 1/5/13 18 Total Depth: MD 13660' 19. Phig beak TD: MD 13600' 19. Phig beak TD: MD 19. Phig beak TD: MD 13600' 19. Phig beak TD: MD																				
14. Date Spudded	At top prod. Interval reported below												COUNT				Έ			
12/19/12	At total depth 349-F81- & 703 FWE, Lot 4 (SWSW) of Sec 19-T19S-R32E													ea		NI	1			
18. Total Depth MD 13660' 19. Plug back T.D. MD 13600' 170 9274' 20. Depth Bridge Plug Set: MD 13600' 170 9274' 21. Type Electric & other Logs Run (Submit a coppy of each) None 22. Was well cored? ∑ No	14. Date Spudd	ed 15	5. Date T.I). Reached	d	16	5. Date C	Complete	ed			1	ELEVAT	IONS (I	OF, RKB, R	T, GR, et	c.) <u>*</u>			
Type		/12	_	1/5/13	3	.]_	L_	D&/	A				_	9'	GR	358	7'	KB		
22. Was well cored?	18. Total Depth:	MD		19.	Plug back	T.D.:	MD				20. Dep	th Bridge	Plug Set:	MD						
None		TVD	9276'				TVD		927	<u>4'</u>	<u> </u>				·	927	4'			
Directional Survey No X ves (Submit copy) No X ves (Submit copy) X ves (Sub	21. Type El	ectric & other Lo	gs Run (Su	bmit a cop	y of each)						22. Was	well co	red?	No	Ye	s (Subm	t analy	'sis)		
Casing and Liner Record (Pleport all strings set in well) Hole Size Size Grade Wt. (#ith.) Top (MD) Bottom(MD) Stage Cementer Depth No. of Sise. & Type Of Cement Sturry Vol. (Bbl) Cement Top* Amount Pulled Tol. (Wt. (#ith.) Top (MD) Bottom(MD) Stage Cementer Depth No. of Sise. & Type Of Cement Sturry Vol. (Bbl) Cement Top* Amount Pulled Top (MD) Top (MD) Stage Cementer No. of Sise. & Type Of Cement No. of Sise. & Type No. of Sise. & No. of None				N	one						Was	DST ru	Trun? X No Yes (Submit report)							
Hole Size Size Grade Wt. (#/fit.) Top (MD) Bottom(MD) Stage Cementer Concenter Concent											Dire	ectional S	Survey?	No	X Ye	s (Subm	t copy)		
17 1/2" 13 3/8" 155 54.5# 0 770' None 675 sx 0 None 12 1/4" 9 5/8" 155 36# 0 4455' 2696' 1575 sx 0 None 77/8" 5 1/2" P110 17# 0 13660' None 1875 sx 0 None 24. Tubing Record Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) 2 7/8" .8553' S. Production Interval Size Depth Set (MD) Packer Depth (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Pa	23. Casing a	nd Liner Record	(Report ali	l strings se	et in well)					· -			, , ,							
12 1/4" 9 5/8" J55 36# 0	Hole Size	le Size Size/ Grade Wt. (#/ft.) Top			Top (M	(MD) Bottom(MD)			, ,				Slurry Vol. (Bbl)		Cement Top*		mount	Pulled		
7.7/8" 5.1/2" P110 17# 0 13660' None 1875 sx 0 None	17 1/2"			5#	0		770'		Nor	ie					0		No	ne		
24. Tubing Record Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) 2 7/8" 8553				6#	0		4455	<u>'</u>			1575 sx			*		,	,Noi	ne		
24 Tubing Record Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Packer Dept		5 1/2" P11	0 17	7#	0 .		13660)'	Nor	one 18		75 sx			0		No	ne		
Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD				<u> </u>						` ,	<u> </u>]						
27/8" 8553' 25. Producting Intervals Formation Formation Top Bottom Perforated Interval Size No. of Holes. Perf. Status A) Bone Spring 9400' 13570' See Attached 0.43 460 Open B) 13560-13570' 60 Open C) D) Acid, Fracture Treatment, Cerient Squeeze, Etc. Depth Interval See Attached Froduction-Interval A Date First Test Date Production-Bibl Amount and Type of Material See Attached Se			ID) Pac	ker Denth	(MD)	Size		Depth S		Packer	Depth (MD)	·S	ize T	Denth	Set (MD)	Packet	Depth	(MD)		
25. Producting Intervals Formation Formation Top Bottom Perforated Interval Size No. of Holes, Perf. Status A) Bone Spring 9400' 13570' See Attached 0.43 460 Open B) 13560-13570' 60 Open C) 13560-13570' 70 Open C) 13560-13				ger Dopta		57.20		D optio	. ()		3 tput (2)			o gpu.		Lucke	·	- ()		
Formation		<u> </u>						26. Pe	erforation F	Record				•	,	•				
B) 13560-13570' 60 Open C) D) 27. Acid, Fracture Treatment, Cement, Squeeze, Etc. Depth Interval See Attached S				To	p -	Botto	m				Si	ze	No. of Holes Perf. Status							
C) D) 27. Acid,Fracture Treatment, Cement Squeeze, Etc. Depth Interval See Attached See Attached See Attached See Attached Test CLANIATION DULG-C- 28. Production-Interval A Date First Test Date Froduced 3/4/13 4/1/13 24 Choke Size Tbg, Press Flwg. Press. Flwg. Press. Date First Test Date Production-Interval Bbl Gas Water Bbl Gas Water Bbl Ratio Date First Test Date Production Bbl Gas Water Bbl Gravity Flwg. Press. Flwg. Press. Flwg. Press. Flwg. Production-Interval Bbl Gas Water Bbl Gas Water Bbl Gas Water Bbl Ratio Date First Test Date Production-Interval Bbl Gas Water Bbl Ratio Date First Test Date Flower Bbl Gas Water Bbl Gas Water Bbl Gas Oil Gravity Gas Gravity Production-Interval B Date First Test Date Production Bbl MCF Bbl Corr. API Gravity Date First Test Date Hours Test Date Production Bbl MCF Bbl Corr. API Gravity Date First Test Date Production-Interval Bbl MCF Bbl Corr. API Gravity Date First Test Date Production-Interval Bbl MCF Bbl Corr. API Gravity Date First Test Date Production-Interval Bbl MCF Bbl Corr. API Gravity Date First Date Production-Interval Bbl MCF Bbl Corr. API Gravity Date First Date Production-Interval Bbl MCF Bbl Corr. API Gravity Date Scan Electron Deficit Date Date Date Date Date Date Date Dat	A) E	one Spring		940	9400' 13570'			-				43		$\overline{}$	•					
D) 27. Acid,Fracture Treatment, Cement Squeeze, Etc. Depth Interval See Attached See Attached See Attached See Attached RECLAMATATION Production-Interval A Date First Produced 3/4/13 4/1/13 24 Choke Size Test Date Production-Interval Bibl Date First Test Date Press. Flwg. Production-Interval Bibl Date First Froduced Test Date Production-Interval Bibl Date First Froduction First Dil Gas McF Bibl Corr. API Gravity Gas Gravity Corr. API Gravity Froduction Bibl Ratio Production-Interval Bibl Date First Froduction-Interval Bibl Date First Bibl	B)				'				13560-13570'				60			Open				
28. Production-Interval A Date First Test Date Flive. Tested Production Size Attached The Depth Interval A Date First Test Date Flive. Tested Production Interval B Date First Test Date Flive. Tested Production Interval B Date First Test Date Flive. Size Test Date Flive. Tested Production Interval B Date First Test Date Flive. Test Date Flive. Size Tested Production Interval B Date First Test Date Flive. Size Test Date Flive. Size Tested Production Interval B Date First Test Date Flive. Size Test Date Flive. Size Tested Production Interval B Date First Test Date Flive. Size Test Date Flive. Size Tested Production Interval B Date First Test Date Flive. Size Test Date Flive. Size Tested Production Interval B Date First Test Date Flive. Size Test Date Flive. Size Tested Production Interval B Date First Test Date Flive. Size Test Date Flive. Bbl Gas Water Gas: Oil Gravity Gas Gravity Corr. API Gravity Gravity Froduction Method Production Method Gas Water Gas: Oil Gravity Gas Gravity Date Flive. Bbl Gas Water Gas: Oil Gravity Gravit	C)								·											
Depth Interval See Attached See Attached See Attached																				
See Attached Sea Oil Gravity Self-Ratio See Attached Sea Oil Gravity See Attached Sea Oil Gravity See Attached See Attached See Attached See Attached See Attached See Attached Sea Oil Gravity See Attached See Attached Sea Oil Gravity See Attached See			, Cement So	queeze, Et	c. 1		· ·				17 (14						<u></u>	<u>.</u>		
28. Production- Interval A Date First Produced 3/4/13 4/1/13 24 Test Dil Bbl MCF Bbl Ratio Total Production Interval B Date First Test Date Press State Production Interval B Date First Test Date Press Press Press State Production Bbl MCF Bbl Ratio Date First Test Date Production Interval B Date First Test Date Production Bbl MCF Bbl Ratio Test Date Production Interval B Date First Produced Test Date Production Bbl MCF Bbl Ratio Test Date Production Interval B Date First Test Date Production Bbl MCF Bbl Ratio Test Date Production Bbl MCF Bbl Ratio Test Date Production Bbl Ratio Test Date Production Bbl Ratio Date First Production Bbl Ratio Test Date Production Bbl Ratio Date First Production Bbl Ratio		<u> </u>										. 4	<u> </u>					·		
28. Production- Interval A Date First Produced 3/4/13 4/1/13 24 Froduction Bbl MCF Bbl Corr. API Gravity Choke Size Tbg. Press Flwg. S20# 280# 570 235 1242 28a. Production- Interval B Date First Test Date Production Interval Bbl Corr. API Gravity Choke Size Tbg. Press Flwg. Test Date Production Bbl MCF Bbl Ratio Test Date First Test Date Production Interval Bbl MCF Bbl Corr. API Gravity Test Date First Test Date Production Bbl MCF Bbl Corr. API Gravity Test Date First Test Date Production Bbl MCF Bbl Corr. API Gravity Test Date First Test Date Production Bbl MCF Bbl Corr. API Gravity Choke Size Tbg. Press Fiwg. Press. SI Dig. Press Fiwg. SI Dig. Press MCF Bbl Ratio Bb		Attached								366	Attached							——		
28. Production- Interval A Date First Produced 3/4/13 4/1/13 24 Froduction Bbl MCF Bbl Corr. API Gravity Choke Size Tbg. Press Flwg. S20# 280# 570 235 1242 28a. Production- Interval B Date First Test Date Production Interval Bbl Corr. API Gravity Choke Size Tbg. Press Flwg. Test Date Production Bbl MCF Bbl Ratio Test Date First Test Date Production Interval Bbl MCF Bbl Corr. API Gravity Test Date First Test Date Production Bbl MCF Bbl Corr. API Gravity Test Date First Test Date Production Bbl MCF Bbl Corr. API Gravity Test Date First Test Date Production Bbl MCF Bbl Corr. API Gravity Choke Size Tbg. Press Fiwg. Press. SI Dig. Press Fiwg. SI Dig. Press MCF Bbl Ratio Bb	<u>·</u>					_											•			
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Produced 3/4/13 4/1/13 24 570 235 1242 Corr. API Gravity Choke Size Tbg. Press Flwg. 520# 280# 570 235 1242 Production- Interval B Date First Produced Tested Production Bbl MCF Bbl Gas Water Bbl Ratio Choke Size Tbg. Press Csg Press. 280# Tested Production Bbl MCF Bbl Gas Water Bbl Gas Gas: Oil Ratio Diagram Aproduction Interval B Choke Size Tbg. Press Flwg. Si Csg Press. Si Csg Press. Si Csg Press. Si Csg Press Production Bbl Gas Water Bbl Gas Gas: Oil Bbl Gas Water Gas: Oil Gravity Gas Gravity Corr. API Gravity Gas Gas Gravity Corr. API Gravity Gas Gas Gravity Corr. API Gravity Gas Gas Gas Gravity Corr. API Gravity Gas Gravity Corr. API Gravity Gas Gravity Corr. API Gravity Gas	28. Producti	on-Interval A						_	-											
3/4/13 4/1/13 24 570 235 1242 Choke Size Tbg. Press Flwg. 520# 280# 570 235 1242 Ratio Gas: Oil Ratio Production Interval B Date First Produced Test Date Production Bbl MCF BC MCF	•	Test Date								1	·		Produ	ction M	ethod					
Choke Size Tbg. Press Press. 280# 24 Hr. Rate Oil Bbl Gas MCF Bbl Ratio Producing Producing		7/1/13		Produ	iction Bt					Соп. АР	'I Gra	vity			_Pumr	ino	~ ~	~~~		
Flwg. 520# 280# 570 235 Bbl Ratio Producing 28a. Production- Interval B Date First Produced Test Date Hours Test Production Bbl MCF Bbl Corr. API Gravity Choke Size Tbg. Press Flwg. Press. SI Difference of the production of				24 Hi	r. Rate Oi					Gas: Oil	We	Il Status	<u> </u>		riir	111		111		
28a. Production- Interval B Date First Test Date Produced Test Date Production Tested Production Bbl Gas Water Corr. API Gravity Corr. AP		Flwg.	Press.				MCF	В	bi				۽ ليا ب	1 1 3	Produci	ng la	~ U			
Date First Produced Test Date Hours Test Oil Gas Water Produced Production Bbl MCF Bbl Corr. API Gravity Gas Gravity Choke Size Tbg. Press Csg Press. Press. SI Press Press SI Production Bbl Gas Water Gas: Oil Well Status Choke Size Tbg. Press Csg Press MCF Bbl Ratio Bbl Cas Water Gas: Oil Well Status Bull ANAGEMENT CARL SRAD FIFL D OFFICE	520# 280# 570 235 1242																			
Produced Tested Production Bbl MCF Bbl Corr. API Gravity Choke Size Tbg. Press Flwg. SI Tested Production Bbl MCF Bbl Corr. API Gravity Well Status Bull AU OF LAND MANAGEMENT CARLES AD FIFLD OFFICE			1,,		la:	1	, To	1,	/atas	loa c	<u> </u>		15	<u>۲-</u>	- 14 -	7	\bot			
Choke Size Tbg. Press Csg 24 Hr. Rate Oil Bbl Gas Water Gas: Oil Well Status Flwg. SI Bbl Ratio BULYAU OF LAND MANAGEMENT CARLES AD FIFLD OFFICE		i est Date	1	1.			1						Produ	cuon M	emode 2	UIJ				
Flwg. SI Press. MCF BBI Ratio BUD AU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE			<u>L</u>		→	<u>. </u>								16	w-	>				
SI CARL SDAD EIELD OFFICE	Choke Size			24 Hz	. Rate Oi	I Bbl	1 .				We							т		
			Press.	_			MCF	BI	UI	Katto								1		
	* See instructions	and spaces for a	lditional da	ta on page	: 2)			I		<u> </u>	1/	/	(CVB	1 2 3 A	11 +1+111	111-11	,F			

	ion- Interval C			_			,					
Date First Produced	Test Date	Hours Tested	Test Production	Oil Bbl	Gas MCF	Water Bhl		Gravity T. API	Gas Gravitv	Production Meth	ođ	
Choke Size	Tbg. Press Flwg. SI	Csg Press.	24 Hr. Rate	Oil Bbl	Gas MCF	Water Bhl		as: Oil Well Status				
28c. Product	ion- Interval D											
Date First Produced	ate First Test Date Hours		Test Production	Oil Bbl				Gravity т. API	Gas Production Method Gravity			•
Choke Size	Tbg. Press Flwg. SI	Csg Press.	24 Hr. Rate	Oil Bbl 、	Gas MCF	Water Bhl	Gas Rat	: Oil io	Well Status			
29. Disposition Sold	of Gas (Sold, used	l for fuel, veni	ed, etc.)	<u> </u>		<u> </u>			1			-
	Porous Zones (in portant zones of p pth interval tested	orosity and co	ontents thereo				īs,	31. Forma	ntion (Log) Marke	rs:		
Format	tion , Top	Botto	om	Descrip	otions Content	s, Etc.			Name		N	Top Measured Depth
Bone Spring	g 700	8' 1360	50'	,				First Bo				665' 755' 2296' 7008' 8283' 9047'
32. Additiona	l remarks (inclu	de plugging	procedure)								TD.	13660'
					·							
Sundry N	/ Mechanical Logs ()	full set require	d) cation		Geologic Rep	oort S		DST Re	Deviation		rvey	
34. I hereby cert			ed information	n is complete	e and correct a					hed instructions)*		
Name (pleas Signature	e print) Storm	ni Davis	<u></u>	<u> </u>			e <u>Re</u>		Analyst			
_	ion 1001 and Title 4	3 U.S.C. Section	n 1212, make it	a crime for any	person knowin				artiment or agency of	the United States any f	alse, fictiti	ous or fraudulent

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 ststements or representations as to any matter within its jurisdiction.

(Continued on page 3) (Form 3160-4, page 2)

LUSK DEEP UNIT A #24H

30-025-40863

Sec 19-T19S-R32E

<u>Perforations</u>	7 1/2% Acid (Gal)	<u>Sand (#)</u>	Fluid (Gal)
13175-13492'	3024	303460	2,83742
12756-13073'	3023	299491	260150
12336-12653'	3019	303007	259213
11917-12234'	3024	299711	238733
11497-11814'	2997	300393	226948
11078-11395'	3000	297919	224297
10658-10975'	3086	300602	223943
10239-10556'	3011	300554	226139
9820-10136'	3012	303538	225433
9400-9717'	<u>2965</u>	283052	<u>217806</u>
Totals	30161	2991727	2386404