Form 3160-4
(September 2001)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

OUD-ARTESIA

FORM APPROVED OMB NO 1004-0137 Expires January 31, 2004

18. Type of Well	I ^E														NM- Lease Serial No.					
Deepen Plug Back Did Revry Other O																				
Name of Operator													_							
2.9 All the of Operators Address See Process See															\		7 Unit	or CA	Agree	ment Name and No
Address 31	2. Name o	f Operator	 r										1					N		W 1131 6m2
3. Address 3. Photos No. (trebular data code) 3. Photos No. (trebular data code	$\left(\frac{2}{4}\right)$														s Leas	te Name	daral	well No.		
FO Box 2270 Hobbs, NM 82841	3. Addres	SS								3	3a Phone	No. (inc	clude d	area c	ode)					
At surface 1700 FNL & 850° FWL, Unit E Sec 27, T16S, R28E At total depth 1976° FNL & 850° FWL, Unit F Sec 27, T16S, R28E At total depth 1976° FNL & 850° FWL, Unit F Sec 27, T16S, R28E At total depth 1976° FNL & 131° FEL, Unit FL, Sec 27, T16S, R28E 12 Completed 12 Date 7.D. Reached 13 Date 7.D. Reached 13 Date 7.D. Reached 12 Date 7.D. Reached 12 Date 7.D. Reached 12 Date 7.D. MD 10355° 20 Depth Bridge Plug Set MD NA 7.D. MD 10355° 7.D. MD) '	30-015-36853					
At top prod. interval reported below 1801* FNL & 651* FWL, Unit F See 27, T16S, PARMOCD ARTESIA At total depth 1976* FNL 331* FEL, Unit H, See 27, T16S, R28E 12 County or Parish 13 State 14. Date Spudded 15 Date TD. Reached 16. Date Completed 1984 County or Parish 17 State TD. M. D. 10395* TD. D. D	4. Location of Well (Report location clearly and in accordance with Federal requirements)*																ool, or	Exploratory		
At total depth 1976 FNL 331 FEL, Unit H, Sec 27, T16S, R28E 14. Date Spudded 15 Date T.D. Reached 15 Date T.D. Reached 16 Date Completed 17 Elevations (DF, RKB, RT, GL)* 17 Elevations (DF, RKB, RT, GL)* 17 Elevations (DF, RKB, RT, GL)* 18 Date T.D. Reached 19 Date T.D. Reached	At surface 1700' FNL & 850' FWL, Unit E Sec 27, T16S, R28E													-						
1. State	At top prod interval reported below 1801 FNL & 651 FWL Unit F Sec 27 T165 Page 4 OCD ADTECIA														11. Sec., T., R., M., on Block and Survey or Area					
At lotal depth 1976 FNL 331* FEL, Unit 4, Sec 27, T16S, R28E	Attop	prod. mici	(vai ic	porteu	CIOW	1001 FN	VL & O	JI I WL,	OIII F	360 27	, 1103,10	MINIC		АП	ILCO					
14. Date Spudded	At tota	ıl depth	1976' F	NL 33	1' FEL, 1	Unit H, S	ec 27,	T16S, R2	8E							1		-	ai 1511	
11/08/08	14. Date	Spudded			15 Dat	e T.D. R	eached											DF. R		
18. Total Depth: MD 10469/ TVD 6651' 19. Plug Back T.D. MD 10395' TVD 6651' 20. Depth Bridge Plug Set: MD NA TVD 6651' TVD 6651' 22. Was well cored? \(\frac{1}{2} \) No \(\begin{array}{c c c c c c c c c c c c c c c c c c c		op																		
TVD 6651	11/08/08				12/12/0															
22 Was well cored Was DST run Performation	18. Total					11	9. Plu	g Back T					20.	Depth	Bridge	Plug Se			Α	
Stage Cementer No of Sks. & Sturry Vol No Ves (Submit report)	21. Type E				ical Log	s Run (S	ubmit	copy of ea		12 00.	71		22	Was	well cor	ed?			Yes (Submit analysis)
	••				Ü	`		- -	•											•
Hole Size Size/Grade Wt. (#/ft.) Top (MD) Bottom (MD) Stage Cementer No. of Sks. & Surrave Na.														Direc	tional S	urvey?	☐ N	o V	Yes (Submit copy)
Hole Size Size/Grade Wt. (#/it.) Top (MD) Bottom (MD) Depth Type of Cement (BBL)	23. Casing	and Line	Reco	rd (Rep	ort all s	trings set	in wel	1)	-	O4 ~		NT.	- C C!	₀ T		· · ·				
12 1/4" 9 5/8" J / N 36/40 0 2305" 900 C 258 Surface NA 8 3/4" 5 1/2 P 10 17 0 MD 10395 MD FO cementer 950 C 356 Surface NA 8 3/4" 5 1/2 P 10 17 0 MD 10395 MD FO cementer 950 C 356 Surface NA 8 3/4" 5 1/2 P 10 17 0 MD 10395 MD FO cementer 950 C 356 Surface NA 8 3/4" 5 1/2 P 10 17 0 MD 10395 MD FO cementer 950 C 356 Surface NA 8 3/4" 5 1/2 P 10 17 0 MD 10395 MD Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) P	Hole Size	Sıze/Gr	e/Grade Wt. (#/ft.) Top (MD)					Bottom (MD) Stag										nent Top* Amount Pulle		Amount Pulled
8 3/4" 5 1/2 P110 17 0 MD 10395' MD FO cementer 950 C 356 Surface NA	17 1/2	13 3/8"	H40	48		0		367'				400 C					Surface			NA
24. Tubing Record Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) S	12 1/4"			0			2305'							25					NA	
24. Tubing Record Size	8 3/4"	4" 5 1/2 P1 10 17		17		0 MD		10395' MD		FO cememter		950 C			35	356		Surface		NA
Size		ļ								@ 596	55' MD	-								
Size	· · · · · · · · · · · · · · · · · · ·	 					\dashv		\rightarrow											
Size	24 Tuhing	Record																		
27.8" 5800' 25. Producing Intervals Formation TOP Bottom Perforated Interval Size No Holes Perf. Status A) Wolfcamp 6707' MD 10409' MD 7138' to 10380' MD 4" 9 Open Open Open Open 27. Acid, Fracture, Treatment, Cement Squeeze, Etc Depth Interval Toest Depth Interval Frac w/877,700 gals gel , 22,500 gals 15% NeFe acid & 180,000# 30/50 white sand Frac w/877,700 gals gel , 22,500 gals 15% NeFe acid & 180,000# 30/50 white sand 28. Production - Interval A Date First Test Produced Date Tested Toest Tested Toest Production Toest Production Toest Production Toest Production BBL Gas Water BBL Gas Oil Gravity Gas Gravity Production Method Gravity NCF BBL Gas Size Flew Press Flew Press Flew Press Flew Press Flew Press Production - Interval B BBL Gas MCF BBL Gas Toest BBL Gas Depen DEC 2 1 2000 Toltris Walls Testi Production Method Testi Date Testi Production Flest Flest Production BBL MCF BBL Gravity Gas Gravity Production Method Toest Dec 2 1 2000 Toest Toest Production DEC 2 1 2000 Toltris Walls			Set (1	MD) I	Packer I	Depth (M	D)	Size		Depth Se	et (MD)	Packer I	Depth	(MD)	Si	z.e	Der	th Set (MD)	Packer Denth (MD)
Formation																	1 20,		<u>,</u>)	
A) Wolfcamp 6707' MD 10409' MD 7138' to 10380' MD 4" 9 Open 9 Open 10409' MD 7138' to 10380' MD 4" 9 Open 10409' MD 7138' to 10380' MD 4" 9 Open 10409' MD 7138' to 10380' MD 4" 9 Open 10409' MD 7138' to 10380' MD 4" 9 Open 10409' MD 7138' to 10380' MD 4" 9 Open 10409' MD 7138' to 10380' MD 4" 9 Open 10409' MD 7138' to 10380' MD 4" 9 Open Amount and Type of Material 7138' -10380' MD Frac w/877,700 gals gel , 22,500 gals 15% NeFe acid & 180,000# 30/50 white sand 10409' MD 10409' MD 7138' to 10380' MD 4" 9 Open Amount and Type of Material Frac w/877,700 gals gel , 22,500 gals 15% NeFe acid & 180,000# 30/50 white sand 11804' MB 11804 11804 11804' MB 11804 118	25. Produc	ing Interva	als							26 Per	foration	Record								
B) C) D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc Depth Interval Frac w/877,700 gals gel , 22,500 gals 15% NeFe acid & 180,000# 30/50 white sand Example 11/04/09 11/04/09 11/04/09 11/04/09 11/04/09 11/04/09 11/04/09 11/04/09 11/04/09 11/04/09 11/04/09 11/04/09 11/04/09 11/04/09 11/04/09 11/109/09 24 66 94 352 69 Water BBL Corr API Gravity Gas Gravity Production Method Pumping ACCEPTED FOR RECOR Ratio Decomple 11/04/09 ACCEPTED FOR RECOR Ratio Decomple 11/04/09 De			n		TOP			Bottom		Pe	rforated I	nterval S		Size	ıze No Hol			I	Perf. Status	
C) D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc Depth Interval Frac w/877,700 gals gel , 22,500 gals 15% NeFe acid & 180,000# 30/50 white sand 28. Production - Interval A Date First Produced Date 11/04/09 11/29/09 24		ір			67	07' MD		10409' MD		71	138' to 1038	:0' MD			4" 5		9			Open
27. Acid, Fracture, Treatment, Cement Squeeze, Etc Depth Interval Frac w/877,700 gals gel , 22,500 gals 15% NeFe acid & 180,000# 30/50 white sand 28. Production - Interval A Date First Test Date Test Producton 11/04/09 11/29/09 24 Choke Figw Press Size Figw Press Figw Press Size Figw Press F					ļ															
27. Acid, Fracture, Treatment, Cement Squeeze, Etc Depth Interval Amount and Type of Material Frac w/877,700 gals gel , 22,500 gals 15% NeFe acid & 180,000# 30/50 white sand 28. Production - Interval A Date First Date Test Production Date Test Production BBL Gas MCF BBL Gas Water BBL Gas Water BBL Gas Water Gas Gas Vorr API Gravity Corr API Gravity Production ACCEPTED FOR RECOR BBL ACCEPTED FOR RECOR BBL Date First Test BBL Date First Test BBL Date First Test Test BBL Date First Test Date Test BBL Gas Water BBL Gas Gas Open DEC 2 1 2009 /s/ Chris Walls					 		+		+											
Depth Interval Frac w/877,700 gals gel , 22,500 gals 15% NeFe acid & 180,000# 30/50 white sand 28. Production - Interval A Date First Produced Date Tested Production BBL MCF BBL Corr API Gravity Choke Tbg Press Size Figw Press Figw BBL MCF BBL Ratio BBL MCF BBL Ratio Production - Interval B Date First Test Hours Test Date Hours Fested Production BBL MCF BBL Oil Gravity Gas Gravity Production Method First Production BBL MCF BBL Oil Gravity Gas Gravity Production Method First Production BBL MCF BBL Oil Gravity Gas Gravity Production Method First Production BBL MCF BBL Oil Gravity Gas Gravity Production Method First Production BBL MCF BBL Oil Gravity Gas Gravity Production Method First Production BBL MCF BBL Oil Gravity Gas Gravity Production Method First Production BBL MCF BBL Oil Gravity Gravity Production Method First Production BBL MCF BBL Oil Gravity First Gravity Production Method First Production BBL MCF BBL Oil Gravity Production Method First Production BBL MCF BBL Oil Gravity Production Method First Production BBL MCF BBL Oil Gravity Production Method First Production		racture Tr	eatme	nt Cem	ent Sau	eeze Etc	<u>.</u>											<u> </u>		
Frac w/877,700 gals gel , 22,500 gals 15% NeFe acid & 180,000# 30/50 white sand 28. Production - Interval A Date First Test Produced Date Tested Production 11/04/09 11/29/09 24 66 94 352 43 0 780 Pumping ACCEPTED FOR RECOR Choke Tbg Press Csg Flgw Press Size Flgw Press Size Flgw Press Size Flgw Press Tested BBL MCF BBL Ratio NA 75 75 66 94 352 651 Open Date First Test Hours Tested BBL MCF BBL Ratio Date First Test Hours Tested Production BBL MCF BBL Ratio Date First Test Hours Tested Production BBL MCF BBL Ratio DEC 2 1 2009 /s/ Chris Walls			_	,		*****					An	nount ar	nd Typ	e of M	laterial					
Date First Produced Date Production Date Date Date Date Date Date Date Date	7138' -10380	' MD			Frac w/	877,700 ga	als gel,	22,500 gals	15% N	eFe acıd	& 180,000	# 30/50 v	white sa	and	·					
Date First Produced Date Production Date Date Date Date Date Date Date Date																				
Date First Produced Date Production Date Date Date Date Date Date Date Date					ļ															
Date First Produced Date Production Date Date Date Date Date Date Date Date	20 Day J	tion I	m/ol A												*					
Produced Date Tested Production BBL MCF BBL Corr API Gravity 11/04/09 11/29/09 24 → 66 94 352 43 0 780 Pumping ACCEPTED FOR RECOR Choke Size Figw Si 75 75 66 94 352 651 Open Rate Production - Interval B Date First Produced Date Test Production BBL Gas MCF BBL Gas MCF BBL Gas Oil Ratio Open Test Production BBL Gas MCF BBL Gas Oil Ratio Open Test Production BBL Gas MCF BBL Gas Gravity Production Method MCF MCF BBL Gas Gravity Production Method MCF MCF BBL MCF BBL Gas Gravity Production Method MCF MCF BBL MCF BBL MCF BBL MCF BBL MCF BBL MCF BBL MCF MCF BBL MCF MCF BBL MCF BBL MCF MCF BBL MCF BBL MCF	Date First		_			Oil	To	as .		.	Oil Gravi	ty	Gas	3	Pro	duction N	Method			
Choke Size Tbg Press Flgw NA 75 75 24 Hr Rate BBL Gas MCF BBL Gas Oil Ratio Open 18a Production - Interval B Date First Produced Date Test Test Production BBL Date Freduction BBL Date Reserved Date Test Test Production BBL MCF BBL MCF BBL Gas Oil Ratio Open 18a Production - Interval B MCF BBL Gas Water BBL Corr API Gas Gravity Production Method Corr API Gravity Corr API Gravity Production Method Size Production Method	Produced		Tested	Pr	oduction	BBL	N	MCF	i	Corr Al		•		Gravity		,				
NA S1 75 75					Hr		_		_						Pumping		AC.C	FPT	FN	FOD DECOM
NA S1 75 75		Flgw		Ra	ate								wel	ı otatu\$		- 1'	1	<u> </u>	LU	I ON KECOKI
Date First Test Hours Test Oil Gas Water Production Date Tested Production BBL MCF BBL Corr API Gas Gravity Production Method /s/ Chris Walls	NA		75		<u> </u>	66		94	3	352	6	51	Ope	n						
Produced Date Tested Production BBL MCF BBL Corr API Gravity 1000 Method Method McF API Gravity 1000 Method						1			Leve		1.									1 2000
Choke Size Tbg Press Flwg SI Call Press Size Size Tbg Press Size Size Tbg Press S												ty			Pro	duction M	lethod	/s	/ Cr	rie Mau-
Choke Size Tbg Press Call Press Flwg SI Call Press Size Flwg SI Call Press Size Size Tbg Press Size Flwg SI Cart Shad Field Office Size Size Size Size Size Size Size Siz	Ī				\rightarrow									-			L DITE	PEALLO	F 1 4 2	valls
SI S			Call Press										Wel	l Status	3		- DUI	CARIS	H LAN	ID MANAGEMENT
		SI		"	→			•	""										2,101	TELD OFFICE

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

Ul

28b. Produ	ction - Inte	rval C	,										
Date First ? Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method				
Choke Tbg Press Csg Flwg Press SI		Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status					
28c Produ	ction - Inte	rval D	<u> </u>	ــــــــــــــــــــــــــــــــــــــ									
Date First Produced	Test Hours Test Date Tested Production		Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method					
Choke Size	Thg Press Flwg SI	Csg. Press	24 Hr Rate	Oıl BBL	Gas MCF	Water BBL	Gas. Oil Ratio	Well Status	Well Status				
29. Dispos	ition of Ga	s (Sold use	d for fuel, v	vented, etc	;.)	L							
30. Summa	ary of Poro	us Zones (I	nclude Aq	uifers):				31. Format	tion (Log) Markers				
tests,	all import including o coveries.	ant zones of lepth interv	of porosity al tested, cu	and conte Ishion use	nts thereof: d, time tool o	Cored intervopen, flowing	als and all drill-sten and shut-in pressure	n I	, o				
Form	ation	Top Bottom			Desc	riptions, Con	tents, etc.		Name	Top Meas. Depth			
Ya	tes	438 MD											
Bower	s Sand	983 MD											
Qua	een	1164 M											
San A	andres	1963 M											
Glorieta		3334 M											
Tubb		4468 M											
Abo		5411 M						İ					
Wolfcamp		6707 M								,			
T	D	10409'											
							•						
32. Additi	onal remar	ks (include	plugging p	rocedure):									
33. Cırcle	enclosed a	ttachments						-					
① Ele	ectrical/Me	chanical Lo	gs (1 full so	et req'd)	2	Geologic Rep	oort 3 DST R	Report 4	Directional Survey				
5 Su	ndry Notice	e for pluggii	ng and ceme	ent verifica	ation 6	Core Analysi	s 7Other	Completion sun	dry, Deviation Report, C104, GYR	RO			
34. I herel	by certify t	hat the fore	going and a	ittached in	formation is	complete and	correct as determine	ed from all avai	lable records (see attached inst	tructions)*			
Name	(please pri	int) Jackie	Lathan				Title Hobbs R	Regulatory					
Signat	ure	Jacx	ie }	Bat	nan		Date 12/11/0)9					
Title 18 U	S C Secti	on 1001 an	d Title 43 U	JSC Sec	tion 1212 m	ake it a crime	e for any person kno	wingly and wil	llfully to make to any departm	ent or agency of the United			

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