OCD-ARTESIA

Form 3160-4 UNITED STATES (April 2004) DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT								FORM APPROVED OMBNO 1004-0137 Expires March 31, 2007							
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										5	5 Lease Serial No NM SWD-1182-A LC-28936D				
a Type	of Well	Oil	Well C	as Well	□Dry 🔽	Other					6			e or Tribe Nam	
b Type of Completion New Well Work Over Deepen Plug Back Diff Resvr, Other PB of SWD disposal interval										7	7 Unit or CA Agreement Name and No			ıd No	
2 Name of Operator Havenor Operating Company										8	8 Lease Name and Well No Sand Hills SWD #1				
3 Address 904 Moore Ave, Roswell, NM 88201-1144 3a Phone No (include area code) 575-626-4518											9	9 AFI Well No 30-015-29104			
4 Location of Well (Report location clearly and in accordance with Federal requirements)*										10	10 Field and Pool, or Exploratory				
At surface 660'FSL & 2220' FEL Sec. 31, T17S-R30E										11	Wc - SWD 300, WOL				
At to	p prod inte	erval repoi	rted below	Same as si	ırface							- Survey	y or Area	31-17S-30E	
At to	tal depth	Same as	surface								12	Count Eddy	y or Parish	13 State NM	
14 Date Spudded 15 Date T D Read				e T D Read	ched 16 Date Completed Ready to Proc				o Drad	17 Elevations (DF, RKB, RT, GL)*					
. Total	Depth	MD		19	Plug Back T D	MD		· A			Plug Set	MD			
	•	rvd 13,6	500		_	TVD 1	12,957			_	_	TVI)	10,100	
CBL	<u>,</u>				ubmit copy of	each)			Was I	well cor DST rur tional S	1 ⁷ 🔽		Yes (Sub	mit analysis) mit report) Submit copy)	
	Ť		d (Report a		T	Stage	Cementer	No e	of Sks &	Slurry	Vol		m .	Amount Pul	lled.
Iole Size	Size/Gi	ade W	t (#/ſt) Ţ	Top (MD)	Bottom (MD	,,, -	epth		of Cement	(Bl	BL)	Cement	Top*	Amount rui	
						-									
	+														
T.1	ng Record					1.									
Size	<u> </u>	n Set (MD) Packer De	epth (MD)	Size	Deptl	Set (MD)	Packer	Depth (MD)		Size	Depth	Set (MD)	Packer Depti	h (MD)
3-1/2	8332		8332		5-1/2	26.	Perforation	Record	1						
Produ	icino fillery	ais			Bottom		Perforated			Size	No H		I	Perf Status	
	Formatic	n		Тор	Bottom							oles			
Wol		n		Тор	Bottom		- 8862		0.42		384	oles			
Wol	Formatic	n		Тор	Bottom						384	oles			
Wol	Formatic fcamp - S	wD	Cement Sque		BOILOIN						384	oles			
Wol	Formatic fcamp - S Fracture, T Depth Inter	wD reatment,		eze, etc		8354	- 8862 - A	mount a		2	384	oles	RE	CEIV	/ED
Wol	Formatic fcamp - S Fracture, T Depth Inter	wD reatment,		eze, etc	5% HCl + 5,	8354	- 8862 - A	mount a	0.42	2	384	oles	RE	CEIV	/ED
Wol	Formatic fcamp - S Fracture, T Depth Inter	wD reatment,		eze, etc		8354	- 8862 - A	mount a	0.42	2	384	bles		CEIV	
Wol 7 Acid, 8358 -8	Fracture, T Depth Inter 862	reatment, val	20,	eze, etc	5% HCI + 5,	8354	- 8862 A		nd Type of M	2 Material				CEIVUG 18	
Wol Acid, 8358 -86 B Produ	Formatic teamp - S Fracture, T Depth Inter	reatment,		eze, etc	5% HCl + 5,	8354	- 8862 - A	nty	0.42	2 Material	384				
Wol Acid, Produ Date First roduced	Fracture, T Depth Inter	reatment, val	Z0,	eze, elc 000 gal 7.	5% HCl + 5,1 Gas MCF Gas	8354 000# salf	- 8862 A	nty	nd Type of M	Aaterial	roduction N	fethod	NMC	OCD AR	TESIA
Acid, 8358 -8i Prodi	Fracture, T Depth Inter 862 Test Date Test Date Tby Press Flwg	reatment, val Hours Tested Csg Press	Test Production	eze, etc 000 gal 7. Oil BBL	5% HCI + 5, Gas MCF Gas MCF	8354 Water BBL Water	Oil Grav Con Al	oty	Gas Giantty Weil Statu	Aaterial P	AC(fethod DEP	NMC		TESIA
Wol 7 Acid, 8358 -8: 8 Produced Choke Choke Clack Choke Clack Choke Clack C	Fracture, T Depth Inter 862 Lection - Inter Test Date They Press Flwg SI uction - Inter uction - Inter uction - Inter	reatment, val Hours Tested Csg Press erval B	Test Production	eze, etc 000 gal 7. Oil BBL	5% HCI + 5, Gas MCF Gas MCF	8354 000# salt	A A Control of Gas/Oil	nty Pl	0.42	Aaterial P	roduction N	Tethod lethod	TED	FOR R	RTESIA
Wol Acid, Acid, Basses Produced Choke	Fracture, T Depth Inter 862 Test Date Tbg Press Fing Si Suction - Inter Test Date Test Date Test Test Date Test The Press The Test Date	reatment, val erval A Hours Tested Csg Press Hours Tested Csg Csg Csg Csg Csg Csg Csg Csg Csg Cs	Test Production 24 Hi Rate Test Production	eze, etc 000 gal 7. Oil BBL Oil BBL	Gas MCF Gas MCF Gas MCF Gas MCF Gas MCF	Water BBL Vater BBL	A de la contraction of the contr	nty Pl	Gas Gravity Well Statu	Aaterial P	AC(Tethod lethod	NMC	OCD AR	RTESIA
Note Produced Choke Care First Produced Choke Care First Produced Choke Care First Produced Choke Care First Produced	Fracture, T Depth Inter 862 Iction - Inte Test Date Thy Piess Flug SI Tog Press Flug SI Tog Press Flug SI	reatment, val Hours Tested Csg Press Hours Tested Csg Press	Test Production 24 Hi Rate Test Production 24 Hr Rate	eze, etc 000 gal 7. Oil BBL Oil BBL Oil BBL	Gas MCF Gas MCF Gas MCF Gas MCF	Water BBL Water BBL	A di Oil Grava A di Oil Grava Al Con	nty Pl	Gas Gravity Gas Gravity Gas Gravity	Aaterial P	AC(Tethod lethod	TED	FOR R	RTESIA
8358 -86 Barroduced Choke Size *Choke troduced *Choke *	Fracture, T Depth Inter 862 Liction - Inter Test Date Tog Press Fing SI Liction - Int Test Date The Press Fing SI Liction - Int	reatment, val Hours Tested Csg Press erval B Hours Tested Csg Press	Test Production 24 Hi Rate Test Production 24 Hr Rate for additional	eze, etc 000 gal 7. Oil BBL Oil BBL Oil BBL	Gas MCF Gas MCF Gas MCF Gas MCF	Water BBL Water BBL Water BBL	Oil Grac Con Al Oil Grac Con Al Gas/Oil Ratio Gas/Oil Ratio	otty Pf ity	Gas Gianty Well Status Well Status	Aaterial P	AC(fethod PP Interpolation	TED AUG 1 OF LAP	FOR R	ECOR

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201 D 1		10	··											
Date First	uction - Inte	Hours	Test	Oil	Gar	Water	Oil Centre	Gas	Production Method					
Produced	Date	Tested	Production	Oil BBL	Gas MCF	BBL	Oil Gravity Corr API	Gravity	Froduction Wethod					
Choke Size	Tbg Press Flwg SI	Csg Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	Well Status					
	luction - Int													
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method					
Choke Size	Tbg Piess Flwg SI	Csg Piess.	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	Weil Status					
29. Disp	osition of C	Gas (Sold, a	used for fuel,	vented, etc	.		. l. ·				,			
Shov	30. Summary of Porous Zones (Include Aquifers): Show all important zones of porosity and contents thereof: Cored intervals and all dull-sten tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressure and recoveries								31 Formation (Log) Markers					
For	Formation		Top Bottom		Descriptions, Contents, etc.				Name	Top Meas. Depth				
32. Addıl	tional iemai	ks (include	pługging pr	ocedure).						703 AUS 10 PM 3: 38	CAPISATION			
☐ Ele	ectrical/Mec ndry Notice	chanical Lo for pluggi	ogs (1 full seing and ceme	req'd.) nt verificat	Georgian Co	the appropria cologic Repoi ore Analysis omplete and c	t DST Report	BL	nal Survey ble records (see attached instruct					
Name	(please prin	n) Kay F	lavenor				Title Geolog	gist						
Signa	ture	KAY	HAV	ano	6			2011						
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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.