Form 3160-4 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

OCD-Antesia

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

	WELL	OMPL	EHON O	K KE	COMP	LETT	ON RE	=POR	I AND	LOG		3. L	ease Seriai IMLC0287	1NO. 1	
la. Type of	Well 🛛	Oil Well			☐ Dry		Other	***************************************				6. If	Indian, All	ottee or	Tribe Name
b. Type of Completion New Well								Resvr.	7. Unit or CA Agreement Name and No. NMNM111789X						
2. Name of												8. Lo	ease Name	and We	
	PÉRATING 550 WES				jackson 100	@conc				de area cod	e)	1	PI Well No		UNIT 132
	MIDLAND	, TX 797	701-4287				Ph	: 432-6	86-3087		1			30-01	5-36265-00-S1
	of Well (Rep Sec 10	T17S R	ion clearly and 29E Mer Ni	d in acc	ordance	with Fe	deral req	urremen	الآ)* الميلينية الميلينية المحقومة	TEL	0 1	10. 1	RAYBUR	ool, or I	Exploratory KSON
At surfa	ce SESE	330FSL	ion clearly an 129E Mer NN 1350FEL 32 below	2.84282	N Lat,	104.05	ا 848 VV ا	-on-		Dran - W	1	11. S	Sec., T., R., r Area Se	, M., or c 10 T	Block and Survey 17S R29E Mer NMP
At total		еропеа в	elow				,		DEC E	2 2810		12. (County or I		13. State NM
14. Date Sp	oudded				Reached			Lia Da	te Comple	eted Sil			Elevations		3, RT, GL)*
08/09/2	2010		08.	/13/201				D D (04/2010	Ready to	Prod.		36	07 GL	
18. Total D	Depth:	MD / TVD	5010 5010		19. Plu	g Back	T.D.:	MD TVD	4	1945 1945	20. De	oth Bri	dge Plug S		MD TVD
	lectric & Oth		mical Logs R	un (Sub	mit copy	of each)				s well core	d?	No No	☐ Yes	(Submit analysis) (Submit analysis)
											ectional Su	rvey?	No No	H Yes	(Submit analysis)
23. Casing ar	nd Liner Reco	ord (Repo	ort all strings I			Bottom	Store	Cement	er No	of Sks. &	Slurry	Vol	Τ		
Hole Size	Size/Gi	rade	Wt. (#/ft.)	To _l (MI		(MD)		Depth		of Cement			Cement	Top*	Amount Pulled
12.250	 	625 J55	24.0		0	38		054		35				0	
7.875	5.5	600 J-55	17.0		0	500	0	351	8	95	50		<u> </u>	0	
												,			
24. Tubing	Record		L.,	<u> </u>			L		1						
	Depth Set (M		acker Depth	(MD)	Size	Dep	oth Set (MD)	Packer D	epth (MD)	Size	Do	epth Set (M	ID)	Packer Depth (MD)
2.875 25. Produci		4185	 			1 2	6 Perfor	ation Re	cord		<u></u>	<u> </u>			
	ormation	I	Тор	Т	Botto				d Interval		Size		No. Holes	Τ	Perf. Status
A)	SR-QN-G	B-SA							4081	TO 4330	0.4	10			N, Yeso
B)	Y	'ESO		4812	4	886				TO 4633	0,4				N, Yeso
C)	<u>, , , , , , , , , , , , , , , , , , , </u>			\dashv					4812	TO 4886	0.4	110	1 5 6		N, Yeso
	racture, Treat	ment, Ce	ment Squeez	e, Etc.						1	a source of	. i	11		ILVVIII.
	Depth Interva		330 ACIDIZI	- 141/0 0	12 CALC	450/ AC	10	-	Amount a	ind Type of	Material				
			330 FRAC V					30 OTTA	WA SANE), 20,351# 1	6/30 SLC.		FC 1	9 200	NACO DA C TV 4854 S
			633 ACIDIZI									1		7 11/1	
29 Product	45 tion - Interval		633 FRAC V	V/22,137	GALS G	EL, 67,6	327# 16/	30 OTTA	WA SANE), 18,515# 1	6/30 SLC.	L		20	
Date First	Test	Hours	Test	Oil	Gas		Water	Oil	Gravity	Gas	- 26	Produc	tion Method' -	× 1141 (1)	ACEMENT 1
Produced 10/15/2010	Date 11/06/2010	Tested 24	Production	BBL 98.0	MC	76.0	BBL 257.	1	т. API	Grav	vity	CARL	SBAD FI		FFICE MPING-UNIT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MC	7	Water BBL	Ga: Rat	s:Oil	Wel	Status	·			
	SI	70.0		98		276	257		2816		POW				
28a. Produc	ction - Interva		Tage	Lou	10		130	lo	Consider	16		Dec 4	dian Mark - J		The state of the s
Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MC		Water BBL	Co	Gravity rr. API	Gas Gra		Produc	tion Method	יים סום	MDING UNIT
10/15/2010 Choke	11/06/2010 Tbg. Press.	Csg.	24 Hr.	98.0 Oil	Gas	276.0	257 Water		s;Ōil	Wel	l Status	L	ELECT	KIC PU	MPING UNIT
Size	Flwg. S1	Press. 70.0	Rate	BBL 98	МС	F 276	BBL 257	Rat	io		POW				
	•	•					•			1					1,000

luction - Inter	val C				· · · · · · · · · · · · · · · · · · ·					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method		- 1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (
Date	lested	Production	BBL	MCr	BBL	Corr. API	Gravity			
Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas:Oil	Well Statu	is I		100
SI	Press.	Kate	BBL	MCF	BBL	Katio				7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
uction - Inter	val D			 -		<u> </u>				
Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method		. e
Date	lested	Production	BBL	MCF	RBL	Corr. API	Gravity			. *
Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas:Oil	Well Statu	ıs ,		
Flwg. SI	Press.	Rate	BBL	MCF	BBL.	Katio				
	(Sold, usea	for fuel, ver	ited, etc.)	1						,
•	,	•	,	2 ~			3	1. Formation (Log) Marl	cers	
							es	•		e *
ecoveries.		,				r			•	
			1							Тор
Formation		Тор	Bottom		Descript	ions, Contents, etc).	Name	M	eas. Depth
		969	+		OLOMITE	& SAND		YATES		969
RES		1837 2531				& ANHYDRITE		QUEEN SAN ANDRES	•	1837 2531
A	j	3964			OLOMITE .	& SAND		ONWARDNEO	j	2001
		4049			OCCOMITE	& ANHYDRITE				
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			1	-						
			}							
	•									
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				L						·
CID, FRAC	TURE, TR	REATMENT	, CEMENT	SQUEEZ	ZE, ETC. C	ONTINUED				
						ND 45 707 / 40/	/00 DI 0			
-4886 FRAC	VV/17,22	U GALS GE	EL, 62,303#	: 16/30 O	TAVVA SA	ND, 15,/2/# 16/	30 SLC.			
					4					
enclosed att	achments:									
ectrical/Mech	ianical Log	s (1 full set i	req'd.)		ic Report	3. D	ST Report	4. Directional S	Survey	
ndry Notice	for pluggin	g and cemen	t verificatio	n	6. Core A	nalysis	7 Ot	her:		
•										
by certify the	t the foreg	oing and atta	iched inforn	ation is co	omplete and	correct as determin	ned from all av	vailable records (see attac	hed instructions)):
		Elec						ion System.		
		Committed	to AFMSS	for proce	essing by KU	JRT SIMMONS	on 12/16/2010	(11KMS0426SE)		
(please prin) CHASIT	Y JACKSO	N			Title F	PREPARER			
										
ture	(Electro	nic Submis	sion)			Date 1	12/14/2010	•		
	,		/				· · -			
	Test Date Tog. Press. Flwg. SI uction - Inter Test Date Tbg. Press. Flwg. SI sition of Gas FURED nary of Porou all important including deperoveries. Formation ORES A ional remark: CUD, FRAC -4886 ACID -4886 FRAC e enclosed att ectrical/Mech ndry Notice in by certify that	Test Date Tested The Press Flwg. Press. SI uction - Interval D Test Hours Tested The Press Csg Press. SI uction of Gas(Sold, used Flwg. SI) sition of Gas(Sold, used Flwg. SI) all important zones of princluding depth interval ecoveries. Formation PRES A ional remarks (include princluding depth interval ecoveries. Formation PRES centrological exploration of Press. SI centrological exploration of Gas(Sold, used Flwg. Sold) coveries. Formation CHASIT centrological exploration of Gas(Sold, used Flwg. Sold) coveries. Coveries. CHASIT CHASIT CHASIT CHASIT	Test Date Tested Production The Press Csg Press Rate SI Date Tested Production Test Pross Press Rate SI Tested Production Test Production Test Production The Press Press Rate SI Production Top Press Rate SI Production Top Including depth interval tested, cush coveries. Formation Top Press Rate SI Production Top Include Aquif Rate SI Production Top Including depth interval tested, cush coveries. Formation Top Press Rate SI Production Top Include Aquif Rate SI Production Test Production T	Test Date Tested Production BBL The Press Csg 24 Hr. Rate BBL BBL Date Test Date Press. St Production BBL Date Test Date Production BBL Date Tested Press. Csg Press. Rate BBL St Press. Press. Press. Press. Press. Press. Rate BBL St Press.	Test Date Tested Production BBL MCF The Press Csg 24 Hr BBL MCF Test Date Test Press Rate BBL MCF Test Date Test Production BBL MCF Test BBL MCF Test BBL MCF Test BBL MCF Test Date Test Production BBL MCF Test BBL MCF Test BBL MCF Test Date Tested Production BBL MCF Test Date Test Press Rate BBL MCF Test BBL MCF Test Date Test BBL MCF Test BBL MCF Total Press Rate BBL MCF Test Dotal Press Rate BBL MCF Total Press Rate BBL MCF Total Press Rate BBL MCF Test Data Rate Rate Rate BBL MCF Total Rate Rate Rate Rate BBL MCF Total Rate Rate Rate Rate Rate Rate Rate Rate	Test Date Hours Tested Production BBL MCF BBL	Test Date Tested Production BBL Gas Water BBL Corr API The Press Cag 24 Hr BBL Gas Gas BBL Gas BBL Ratio Test Date Test Corr API Test Date Test Corr API Test Date Test BBL Gas BBL Gas BBL Gas Gas Gll BBL Gas Gas Gll BBL MCF BBL Gas Gll BBL Gas Gas Gll Gravity Test Date Test Production BBL MCF BBL Corr API Test Tested Production BBL MCF BBL Corr API Test Date Test Date Test Date Gas Gas Gll Gas Gas BBL Gas Gas Gll Gas Gas Gas Gll Gas	Test Date Production BBL MCF BBL Corr API Gravity The Press Cog 24 Hr Date BBL MCF BBL Ratio The Press Cog 24 Hr Date BBL MCF BBL Ratio Test Date Production BBL MCF BBL Ratio Test Date Production BBL MCF BBL Ratio Test Cog 24 Hr Date BBL MCF BBL Ratio Test Date Production BBL MCF BBL Corr API Gravity The Press Rate BBL MCF BBL Ratio To Press Rate BBL MCF BBL Ratio To Press Rate BBL MCF BBL Ratio The Press Rate BBL MCF BB	Total Date Tested Production BBL Correct Production BBL Correct Production Method BBL Correct Production BBL Correct Production Method BBL Correct Production BBL Correct BBL Corre	Dec Pode P

Additional data for transaction #98996 that would not fit on the form

27. Acid, Fracture, Treatment, Cement Squeeze, etc., continued

Depth Interval 4812 TO 4886 4812 TO 4886

Amount and Type of Material ACIDIZE W/3244 GAL 15% ACID FRAC W/ 17220 GAL GEL, 62303# 16/30 OTTAWA SAND, 15727# 16/30 SLC