Form 3160-4 (February 2005)

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

MAR 3 1 2009 UNITED STATES
DEPARTMENT OF THE INTERIOR HOBBSOUDREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO 1004-0137 Expires March 31, 2007

												`		1					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG													5 Lease Serial No NM 14496						
la Type o b Type o	f Well f Completion		Oil Wel New We		Gas Well Work Over	Dry Deepen		Other Plug Back] Dıf	f Resvr.				6 1	f Indian	, Allottee or	Tribe N	ame	
			Other _			<u> </u>				Í				7 (Jnit or (CA Agreeme	nt Nam	e and No	
2 Name o	f Operator	ich I I	rd.											1		ame and We	II No		
3 Address 303 West Wall Street, Suite 1800 3a Phone No (include area code)													Ling Federal No. 4 9 AFI Well No						
4 Location	Midland, TX		lacation			dance with Fede	,	432	:-687 -			/		30-	025-38	3748			
4 Location	1660' F				a in accord	ance with Fed	erai	requirements)						10 Qu	Field ai ail Ridd	nd Pool or E ge (Morrow	xplorate /)	ry /	
At surfa		<u>د</u> د	2010 1						M	CIr		日興		11	Sec , T	P M on	Dlook o	nd	
				1660' F	SL & 231	0' FEL		LOU		ΓIL	JEI	M			Survey	or Area Sec	31, T19	S, R34E	
	od interval	•												al -2	County	or Parish		State	
At total of	lepth 1660	'FSL	& 2310	'FEL										Léa	1		N	М	
14 Date Spudded 15 Date T D Reached 16 Da										te Completed 01/17/2009					17 Elevations (DF, RKB, RT, GL)*				
18 Total I	Depth MD	,577'	ug Back T D	М	MD 13,240' Ready to Prod 20 Depth Bridge Plug					ge Plug S	3623' GL Set MD 13,240'								
TVD 13,577' TVD 13,240'													TVD	13.240'					
21 Type Electric & Other Mechanical Logs Run (Submit copy of each) GR - CCL 22 Was well cored? Was DST run?											un?			Yes (Subm Yes (Subm					
23 Casing	g and Liner F	Record	(Report	all string	s set in wel	7)					Direc	tional	Survey?	1	10 1 7	Yes (Subm	it copy)		
Hole Size			Wt (#/f		op (MD)	Bottom (M.	D)	Stage Ceme	enter	3	f Sks &	T-	Slurry V	ol	Cen	nent Top*		Amount Pulled	 1
17 1/2"	13 3/8"		54.5 &	Surf	ace	1586.5'		Depth		1000 sx	f Cement	28	(BBL) 80		Surfa			,	
			48							~~		T-						·	
12 1/4"	9 5/8"		36 & 40) Surf	ace	5172.2'		3480.66'		1600 sx	HL"C"	+ 5	73		Surfa	се			
8 3/4"	E 4/0"		47.0.00			10.500.07		10.000.011		600 sx '			42		*		ļ		
0 3/4	5 1/2"		17 & 20) Surf	ace	13,569.97'		10,662.01'		860 sx I		-1-			3463'	TS			
24 Tubing	g Record							270 s	sx	755 sx s Econo			118						
N/A	Depth S	Set (M	D) Pa	cker Dept	h (MD)	Sıze		Depth Set (N					Size		Dept	th Set (MD)	P	acker Depth (1	MD)
	ing Intervals			,,				26 Perfora	ation F	Record		Щ.						 -	
	Formation	n ′			ор	Bottom		Perfora				Sız	e	No I	Holes		Perf	Status	
	Morrow "A			13,190'		13,216'		13,190' - 13,216'			0.25"		2	24		Open	Iter	n 26 contin	ued
	Morrow "C			13,248'		13,260' 13,293'		***13,248' - 13,260' ***13,264' - 13,293'			0.25" 0.25"		13				emarks.		
D) Continued in Remarks						10,290		** 13,378' - 13,380'			0.42"		1:			Closed			
	racture, Trea		. Cement	Squeeze,	etc.				,		15.								
13,190' - 1	Depth Interv	val		∆cidizo:	w/ 2000 o	als of Metha	nol	Acotio Acid	A	mount and	d Type o	Mat	erial						
13,190' - 1						s of 7 1/2% N			ibited	Acid.									
13,264' - 1	3,293'					als of 10% N					ealers 8	24	7/8" Ball	Sea	ers.				
13,378' - 1						als of 10% M													
28 Product Date First	on - Interva	l A Hours	Test	t	Oil	Gas	Wa	ter Oil	l Grav	ıtv	Gas		Product	on M	othod				
Produced	ł I	Tested				J.	ВВ	1	rr AP		Gravity		Flowin		emoa			1	
1-25-09		24	_	→	0	77.8	0	N/	/A		.6576								
Choke Size	Tbg Press Flwg	Csg Press	24 F Rate		Oıl BBL	Gas MCF	Wat BBI		s/Oil		Well St	itus	100	A	kellar laru lar	ron	had last	0 0 D D	1
	SI 40							1	uo		Produ	cing	AUU	Łŕ′		J FUK	KL	CORD	
8a Produc	tion - Interv	al B			0	77.8	0	0			<u> </u>	_						7	<u> </u>
Date First	Test Date	Hours	Test		Oil		Wat		Gravi	ity	Gas	\dashv	Producti	on M	ethod			<u> </u>	+-
roduced		Tested	Proc	luction	BBL	MCF	BBI	L Coi	rr AP	I	Gravity				MAR	2 8 20	009		
hoke	Tbg Press (~en	24 F	Jr.	24	Con	117		-10.1			_			11	2			
lize	Flwg	Press	Rate		Oil BBL		Wat BBI	I	s/Oıl tıo		Well Sta	tus		<u> </u>	+6	M	/		
	SI	•	_	→ │							1		/BUI	RFAI	J OF L	AND MAI	NAGEI	MENT	

28b Prod	uction - Inte	rval C					· · · · · · · · · · · · · · · · · · ·									
	· · · · · · · · · · · · · · · · · · ·	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Gas	Production Method						
Produced		Tested	Production	BBL	MCF	BBL	Corr API	Gravity								
Choke	Tbg Press		24 Hr	Oil	Gas	Water	Gas/Oil	Well Sta	itus							
Size	Flwg Si	Press	Rate	BBL	MCF	BBL	Ratio									
	51		→													
28c Prod	28c Production - Interval D Date First Lest Date Hours Test Oil Gas Water Oil Gravity Gas Production Method															
Date First Produced	Lest Date	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas								
Produced		→				Gravity										
Choke	Гbg Press		24 Hr Rate	Oil	Gas MCF	Water BBL	Gas/Oil	Well Sta	tus							
Size	Flwg SI	Press		BBL			Ratio									
			-													
29 Dispos The gas wa		Solid, us	ed for fuel, ve	nted, etc)												
30 Sumn	30 Summary of Porous Zones (Include Aquifers) 31 Formation (Log) Markers															
•										Strawn - 12,169' T / Mid MRW "C" - 13,280'						
Show all important zones of porosity and contents thereof Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and										Atoka - 12,390' T / Mid MRW "D" - 13,348'						
recoveries									T / Mid MRW "A" - 13,186' T / Mid MRW "E" - 13,368'							
T / Mid MRW "B" - 13,246' T / Mid MRW "F" - 13,388'																
Eorn	aatron	Top Bottom			Dagare	ntiona Contoni	ta ata			Name	Тор					
Formation		100	Bottom		Descriptions, Contents, etc					Name	Meas Depth					
		ļ														
		ĺ				•										
32 Addıtı	onal remark	s (include	plugging proc	edure)				, 			<u> </u>					
Item 25 c	continued -		Morrow "E" - Morrow "F" -													
Item 26 c	Middle Morrow "F" - 13,392' - 13,398' Item 26 continued - **13,392' - 13,398' - 0.42" - 36 Holes - Closed.															
** Perfs f	rom 13,37 from 13,24	8' - 13,38 48' - 13,2	80' & 13,392 60' & 13,26	' - 13,39 <mark>8</mark> 4' - 13,29	' are closed o	off by a CIBF d by a CIBP	⁹ @ 13,349' w @ 13,240'.	/ 15' of cmt. o	on to	р.						
	,	, –	,	, -		•										
33 Indicat	a which iter	ne have be	an attached by	, placing a	ahaak in tha an	mromrioto hovo										
33 Indicate which items have been attached by placing a check in the appropriate boxes																
☑ Electrical/Mechanical Logs (1 full set req`d)						Geologic Report DST Repo				oort Directional Survey						
Sund	lry Notice for	r plugging a	and cement ver	rification	□ Co	Core Analysis Other										
34 I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*																
Name (please print) Kim Tyson Title Regulatory Analyst																
					<u> </u>											
Si	Signature / Cm 2 ym Date 03/17/2009															
Title 18 U	S C Section	1001 and	Title 43 U S (Section	1212, make it a	crime for any	person knowing	lv and willfully	to m	ake to any department or agency	of the United States any					

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

(Continued on page 3)

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