Form 3160-4 (April 2004)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

HOBBS OCD OCD Hobbs

MAR 2 6 2013

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

Type of Well		· WEI	T CC	JMPLE	HON (	)н н	ECOMPLE	- HON	REPOR	RIAN	ID LOG			N	5. Lo	ease Serial No. 163368 (SL	& BHL)	
Name of Opension   Section   Secti							_		en $\square$ PI	ug Back						<del></del>	· · · · · · · · · · · · · · · · · · ·	===
Methodurure Oil Company		•	_											7	Ur	nit or CA Agre	ement Name and N	0.
3. Address PO Box 5270   Sax Phone No. (include area coule)   Sax Phone No. (includ		-		2027														
Hobbs, NM 82841   575.393.5905   30.022.540873     A surface 1919 FSL & 150 FEL   At top prod. interval reported below 1878* FSL & 43* FEL   15. Date T.D. Recheed   16. Date Completed   03.06/13   12. Sec. T. R. M., on Block and leading   16. Date T.D. Recheed   16. Date Completed   03.06/13   12. County or Farish   18. State   17. New 7. TVD   96.56*   TVD   PVE (Submit randyvis)   PVE (Submit ra																		
A surface   1910   FSL & 150   FEL		Hobb	s, NM	88241				•						_				
At step pred, interval reported below 1878 FSL & 43 FEL  At lotal depth 2034 FSL & 342 FWL  At lotal depth 2034 FWL	4. Locati	ion of Well	(Report	t location	clearly and	in acce	ordance with	Federal	l requireme	uts)*								
At total depth 2034' FSL & 342' FWL   15. Duer TD. Reached   16. Duer Completed   03/06/13   17. Elevitions (DF, RKB, RT, GL)   17/22/12   10/122/13   10 De A   X  Ready to Prod.   3630' GF, RKB, RT, GL)   3630' GF, RKB, RT, GL)   3630' GF, RKB, RT, GL)   37. Elevitions (DF, RKB, RT, GL)   37.	At sur	face 191	0' FSL	& 150'	FEL									-		<u> </u>		
At 10al depth 2034' FSL & 342' FWL	At top	At top prod. interval reported below 1878' FSL & 43' FEL													Survey or Area Sec 13, T19S, R32E			
1.2722/12												Le	Lea County NM					
TVD 9656'  TVD 9656'  TVD 9656'  TVD 9656'  TVD 9656'  TVD NA  22. Was well cored?	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -										17							
Type Electric & Other Mechanical Logs Run (Submit copy, of each)   22. Was well cored?   No   Yes (Submit analysis)   Yes (S	8. Total	Depth: M	ID 144	400'	1	19. Ph	ig Back T.D.:	MD 1	4375'		20. De	pth I	Bridge P	lug Set				
CCL, GR & CNL		T	VD 96	556'			-	TVD	9656'						1	TVD NA		
CCL, GR & CNL	21. Type l	Electric &	Other	Mechanic	al Logs Ru	n (Sub	mit copy of e	ach)										
Hole Size   Size/Grade   WL (#/ft.)   Top (MD)   Bottom (MD)   Stage Cementer   Depth   Type of Cement   Top   Amount Pulled   171/2"   13 3/8" J&H   54.5 & 48.8"   0   1355'   1150   344   Surface   NA   12 1/4"   9.5/8" N & J   40 & 36#   0   4404'   1730   558   Surface   NA   83/4"   7" P110   26#   0   10039'   1400   462   Surface   NA   NA   NA   NA   NA   NA   NA   N	•																	
Hole Size   Size(Frade   Wt. (Hit.)   Lop(MD)   Bottom (MD)   Depth   Type of Cement   (BBL)   Cement   Lop'   Annual Number   Cement   Cement   Lop'   Cement   Lop'   Annual Number   Cement   Ceme		Ť	- $-$		T	Ť	<del></del>	TStage	: Cementer	No.	of Ske &	1	Slurry V	Vol. I			A Dulla d	
12   1/4"   9.5/8"   N. & J   40 & 36#   0	Hole Size				D)	Bottom (MD)		1 -				(BBI	_)	Cement Top*		Amount Puned		
Size	17 1/2"				<u> </u>									ļ				
A Tubing Record   Size   Depth Set (MD)   Packer Depth (MD)   Size   Depth Set (MD)   Packer Depth (MD)   Size   Depth Set (MD)   Packer Depth (MD)   Packer Depth (MD)   Size   Depth Set (MD)   Packer Depth (MD)   Packer Depth (MD)   Packer Depth (MD)   Size   Depth Set (MD)   Packer Depth (MD)   Packer Depth (MD)   Size   Depth Set (MD)   Packer Depth (MD)   Packer Depth (MD)   Size   Depth Set (MD)   Size   Depth Set (MD)   Size   Depth Set (MD)   Packer Depth (MD)   Packer Depth (MD)   Packer Depth (MD)   Size   Depth Set (MD)   Packer Depth (MD)   Packer Depth (MD)   Size   Depth Set (MD)   Packer Depth (MD)   Size   Depth Set (MD)   Packer Depth (MD)   Size   Depth S				ļ					-									
A Tubing Record   Size   Depth Set (MD)   Packer Depth (MD)   Size   Depth Set (MD)   Packer Depth (MD)   Size   Depth Set (MD)   Packer Depth (MD)   27/8"   9350'   N/A				<del> </del>	-		Lir	Liner										
Size   Depth Set (MD)   Packer Depth (MD)   Size   Depth Set (MD)   Packer Depth (MD)   Size   Depth Set (MD)   Packer Depth (MD)		1	-		1-2						· • · · · · · ·	+	IVA				1111	
Size   Depth Set (MD)   Packer Depth (MD)   Size   Depth Set (MD)   Packer Depth (MD)   Size   Depth Set (MD)   Packer Depth (MD)												T						
2.7/8"   9350'   N/A     26.   Perforation Record   Size   No. Holes   Perf. Status	4 Tubing	-					•			,					<del> ,</del>			
26. Perforation Record   Formation   Top   Bottom   Perforated Interval   Size   No. Holes   Perf. Status		+	Set (M)	D) Pack		(D)	Size	Dept	h Set (MD)	Packer	Depth (MI	D)	Si	ze	De	pth Set (MD)	Packer Depth (M	(D)
Performation		1	ls		N/A			26	Perforation	Record	}				Л		<u> </u>	
9723' - 9656' TVD  9723' - 9656' TVD  7. Acid, Fracture, Treatment, Cement Squeeze, etc.  Depth Interval  10105' - 14375'  Frac w/475,984 gals Slickwater & 328,443 gals 20# Linear gel & 1,368,879 gal 20# X-Link gel carrying  150,040# 100 Mesh & 2,502,540# 20/40 Sand & 574,260# 20/40 SB Excel.  8. Production - Interval A  Date First Test Hours Test Test Production BBL MCF BBL Gor. API Gravity Gra					Тор		Bottom						No. H	No. Holes Perf. Status				
One	) Bone	e Springs			7670	i	14400'		10105' - 14375' MD			Ports		30		•	Open	
Oracle   Continue	3)							9723' - 9656'		TVD	TVD			<b></b>				
Amount and Type of Material   Amount and Type of Material	C)																	
Depth Interval   Amount and Type of Material		Fracture Tr	eatment	Cement :	Squeeze et	<u> </u>	· · · · · · · · · · · · · · · · · · ·										<del></del> ,	
Frac w/475,984 gals Slickwater & 328,443 gals 20# Linear gel & 1,368,879 gal 20# X-Link gel carrying   150,040# 100 Mesh & 2,502,540# 20/40 Sand & 574,260# 20/40 SB Excel.		_ <del></del>		, coment	oquoeze, et				A	mount a	nd Type of	`Ma	iterial					
8. Production - Interval A  Date First Test Date John Test Produced Date Tested Production BBL MCF BBL Cort. API Gravity  Choke Tbg. Press. Csg. Press. Press. NA SI 240 120 367 131 1483 357 Open  Bal. Production - Interval B  Date First Test Date BBL MCF BBL Ratio  Date First Test Date BBL MCF BBL Ratio  Choke Tbg. Press. Csg. Press. Press. Press. Press. Press. Rate BBL MCF BBL Ratio  Date First Test Date Tested Production BBL MCF BBL Ratio  Date First Test BBL MCF BBL Ratio  Choke Tbg. Press. Csg. Press. Rate BBL MCF BBL Ratio  Date First Test BBL MCF	10105' - 14375' Frac w/475,984 gals Slickwater & 328,443 gals 20# Linear gel & 1,										,368,8 B Exc	79 g el.	al 20# X-Li	nk gel carrying				
Date First Date First Production Date Date First Production Date Date First Production Date Date Date Date Date Date Date Date															E A H		MOTTAL	_
Produced 3/06/13 Date Tested 3/07/13 24 Production BBL 367 131 BBL 1483 39.0 Gravity 0.7982 ESP  Choke Tbg. Press. Csg. Flwg. Press. NA SI 240 120 367 131 1483 357 Open  Ba. Production - Interval B  Date First Test Date Tested Date Tested Date Tested Date Froduction BBL Gas MCF BBL Gravity Corr. API Gravity Gas Gravity Corr. API Gravity Corr. API Gravity Gravity Corr. API Gravity Gas Gravity Production Method MAR 2 4 2013  Choke Tbg. Press. Csg. Flwg. Flwg. Size Flwg.					····										M	1119	4/3	
NA SI 240 120 367 131 1483 357 Open  Ba. Production - Interval B  Date First Date Tested Production BBL MCF BBL Orit Gravity Corr. API Gas Gravity Production Method MAR 2 4 2013  Choke Tbg. Press. Csg. Press. Flwg. SI Press. SI Press. SI Press. Press. SI Production Method MAR 2 4 2013	Produced	roduced Date Tested		Tested Produc			MCF E	BL	Corr. Al	API Gra		ravity				west Name Sales Bases	00 0500	
NA SI 240 120 367 131 1483 357 Open  Ba. Production - Interval B  Date First Date Tested Production BBL MCF BBL Orit Gravity Corr. API Gas Gravity Production Method MAR 2 4 2013  Choke Tbg. Press. Csg. Press. Flwg. SI Press. SI Press. SI Press. Press. SI Production Method MAR 2 4 2013	Choke										Well St	atus	11:		1, 1,	11-11-	UN KLU	11
Ba. Production - Interval B  Date First Test Hours Tested Production BBL MCF BBL Oil Gravity Corr. API Gas Gravity Production Method MAR 2 4 2013  Choke Tbg. Press. Csg. Press. Rate BBL MCF BBL Ratio  Choke Size Five. Press. SI					1			Open		1	17		/ ! I	1 time had 1				
Date First Date Frest Date Production Date Frest Date Date Production Date Date Date Date Date Date Date Date	1								<u> </u>						+			
Size Flwg. Press. Rate BBL MCF BBL Ratio	Date First Produced	ate First   Test   Hours									Gas Gravity		Prod	luction A	dethod	MAR 2	4 2013	
Size Five. Press. Rate BBL MCF BBL. Ratio	Choke	hoke Tbg. Press. Csg. 24 F		24 Hr.					Gas/Oil			Well Status			1	1/20	1	
	Size	Flwg.							. Ratio					2	DISCHINE LAND MASING		ID MASIACE!	7HT
	*(See inst		d snace	s for addi	tional data	on pas	<u>re 2)</u>							7	NT("	/*** *** 1.24   *  31.41	TEXT OF	

MAR 2.8 2013

*28b. Produ	iction - 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				
Troduced	;		->				53 / 1	S.I.v.i.y					
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status					
	SI		Natc -										
	uction - Int		I.r.	o'i		I Wat	07.0						
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method				
			->				Gas/Oil						
Choke Size	Size Flwg. Press. Rate BBL MCF BBL Ratio												
29. Disp	osition of C	Gas (Sold, i	used for fuel,	vented, e	(c.)	_ l.,							
30 Sumi	mary of Poi	rous Zones	(Include Aq	nifers)	31 Format	31. Formation (Log.) Markers							
Shov tests.	v all import	tant zones	of porosity	and conter	nts thereof: l, time tool o	Cored interval pen, flowing	als and all drill-sten and shut-in pressure	n	ion (esp. manois				
Forn	nation	Тор	Bottom		Desc	riptions, Cont	ents, etc.		Name	Top Meas. Depth			
	•							1	ustler	1260'			
								I .	op of Salt ase of Salt	1440' 1800'			
,									ates	3020'			
									ueen elaware	4160' 5790'			
								i i	one Spring	7670'			
							•						
						•							
			:										
32. Addit	ional remar	rks (includ	e plugging pi	ocedure):		-		<del></del>	1-1-012				
			1 66 51	, ,			•						
33. Indica	te which its	mes have b	een attached	by placin	g a check in	the appropria	ite boxes:						
X Ele	ectrical/Med	chanical Lo	ogs (1 full se	t req'd.)	□G	eologic Repo	rt DST Report	x Direction	al Survey				
Sui	ndry Notice	for pluggi	ng and ceme	ent verifica	tion C	ore Analysis	X Other: Com	p sundry, Dev	Rpt, C104, Gyro, Final C10	2, C144 Clez, pkr port			
24 11				. 1 1: 6				10 11 21					
34. There	by certify th	nat the fore	going and at	tached into	ormation is c	omplete and o	correct as determined	d from all availa	ble records (see attached instru	actions)*			
Name (	please prin	11) Jackie	Lathan				Title <u>Hobbs</u>	, Regulatory					
Signat	ture	Jac	rie_	×	ath	an	Date <u>03/07/</u>	/13					
Tid. 101	ICC C	1001	J.T.J. 42 T		<b>,</b>		- f		C. II				
1100 18 U	.s.c Section	on 1001 ar	iu 1111e 43 U	1.5.C Sect	uon 1212, m	ake it a crime	e ior any derson kno	wingly and will	fully to make to any departme	ent or agency of the United			

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.