Form 3160-4 (April 2004)

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

OCD Hobbs
RECEIVED
FORM APPROVED
OMBNO 1004-0137
Expires. March 31, 2007

Address POB 51937 Midland, TX 79710		WEI	LL CC	OMPLE	HON	OH I	RECOMPLE	HON	I REPOR	11 AN	DEGRE	Ų	<b>452</b>	01	<b>0</b> 5	Lease	Senal No	NM011	35	
Type of Completion	la Type o	f Well	<b>7</b> 01	l Well	Gas	Well [	DryOt	her	L.W.,		HO	BE	BSO	d	F-6.	If Ind	ıan, Allott	ee or Tril	e Name	
Address POB 51937   Midland, TX   79710					lew Wel			Deep	en Plu	ıg Back	Dı	ıff F	Resvr, .		7.	Unit	or CA Agr	eement N	ame and N	0
At surface   990' FNL & 990' FN	2. Name	of Operato	r Edg	e Petrole	um Op	eration	Company, In	c.						1	8		Name and	d Well No	). 4 Federal	# 6
At surface   990' FNL & 990' FN	3. Addres	s POB 5	51937	Midland	, TX 7	9710					,	area	code)		9.		Vell No	6 3c	0-0-	- 5.37
At uting prod. interval reported below  At top prod. interval reported below  At total deight  At top prod. interval reported below  At total deight  At top prod. interval reported below  At total deight  At to	4 Location	on of Well	(Repor	t location	clearly o	and in ac	ccordance with I	Federa	l requiremen	its)*				$\top$	10.		and Pool,	or Exploi	atory	
At top prod interval reported below  At total depth  At total	At surf	face o	on FN	II & 00A	' FFI.									-						
A total depth   15. Date TD Reached   16 Date Completed   69/23/2008   17. Elevations (DF, RKB, RT, GL)*   35/20/2006   18/20/2006   19 Plug Black TD   MD   69/40   20. Depth Brindge Plug Set   MD   69/85*   71 VD   71 V	At top														11	Sec., Surve	T,R,M, y or Area	on Block Sec. 34,	and T-198, R-3	2E
15 Date Spussed   15 Date TD Reached   16 Date Completed   09/23/2008   17 Ebrations (DF, RKB, RT, GL)*   32/20/2008   32/20/2008   19 Plug Back TD   MD   6946*   20 Depth Bendge Plug Set   MD   6985*   TVD   TVD   2 Was well cored*   TVD	-	•	•														-	h 13		
19   Plug Back T D MD   6946'   17   17   17   17   17   17   17   1				15.	Date T.	D. Reac	hed		16 Date C	omplete	ed 09/2	23/2	008	+				RKB, R		
TVD	02/17	/2006			03/2	0/2006			D&	ŁΑ	₹ −	_				3567'	GL			
L. Type Electric & Other Mechanical Logs Run (Submit copy) (each)   22   Was well cored?   No   Yes (Submit analysis)   Yes	i8. Total I	-		30"		19 P	Plug Back T D		6946'		20. D	epth	Bridge P	lug	Set			6985'		
CBL/GR/CCL/High Def Ind/GR, Neutron/GR, Gamma Tool   Was DST run?   No   Drectional Survey?   No   No   Nes (Submit report)																				
CBL/GR/CCL/High Def Ind/GR, Neutron/CR, Gamma Tool   Directional Survey?   No   Yes (Submit copy)	7.1				_	•	• • •				1									
Casing and Liner Record   Report all strings set in well	CBL/	GR/CCL	/High I	Def Ind/C	CR, Ne	utron/G	GR, Gamma To	ool			j				<u></u>			•		
Formation   Top   Bottom   Formation   Top   Bottom   Performated Interval   Size   Depth Set (MD)   Packer Depth (MD)   Size   Depth Set (MD)   Packer Depth (MD)	3. Casını	g and Lin	er Reco	ord (Rep	ort all s	strings s	set in well)							-J					1.7/	_
17.5"   13.375	Hole Size	Size/Gra	ade \	Wt (#/ft)	Тор	(MD)	Bottom (MD)						Slurry V (BBI	Vol. L)	T .	Cemen	t Top*	Amo	unt Pulled	
2.875"   7.625"   29.7 N80   0   42.57"   30.25"   10.50 sx C   2740"   none	17.5"	13.375	5 5	54.5 J55	,0		896'		, <b>,</b>						surfac		e	none	•	<del></del>
A Tubing Record   Size	12.25"	10.75	- 4	45.5 J55	0		3060'			680 s	х С					urfac	e	none	2	_
A Tubing Record   Size	9.875"				<del> </del>			302	25'			4			$\rightarrow$			none	<u> </u>	
Size   Depth Set (MD)   Packer Depth (MD)   Size   Depth Set (MD)   Packer Depth (MD)   Packer Depth (MD)   Packer Depth (MD)	6.5"	4.5"		11.6 N80	0		7999'	<u> </u>		575 s	x H	4	87.89		1	3358'		none		
Size   Depth Set (MD)   Packer Depth (MD)   Size   Depth Set (MD)   Packer Depth (MD)   Packer Depth (MD)   Packer Depth (MD)		ļ			<u> </u>		<del> </del>	+		<u> </u>		_			_					
Size   Depth Set (MD)   Packer Depth (MD)   Size   Depth Set (MD)   Packer Depth (MD)   Packer Depth (MD)   Packer Depth (MD)	M Tubino	Pagard					<u>L</u>													
27/8"   7878'   4655'   2 3/8 x 4 1/2   26. Perforation Record			Set (M	ID) Pack	er Denth	(MD)	Size	Den	th Set (MD)	Packer	Denth (N	MD)	Si	7e		Dept	Set (MD	Pack	er Denth (N	4D)
Second   Production   Squeeze, etc	2 7/8"	<del></del>	501 (17)			()		Dep	ui 500 (z.)	- uonei	D opin (ii	,				p	1000 (1.12	, , , , , , , , , , , , , , , , , , , ,	(II	
Delaware			als					26.	Perforation	Record	i									
Accepted For Record  Depth Interval  Amount and Type of Material  Amount and Type of Material  Alig 2 0 2010  Is/Roger Hall  BUREAU OF LAND MANAGEMENT  CARLSBAD FIELD OFFICE  BBL Corr API Gravity  Gravity  Froduction Method  Frost Object Press Cag  Produced Object Obj		Formation	n		To	-				Interval		S	ize			es		Perf Sta	tus	
Accepted For Record  Amount and Type of Material  Alig 2 0 2010  Is/Roger Hall  Bureau of Land Management  CarlsBad Field Office  Bureau of Land Management  CarlsBad Field Office  Boll Gas  Froduction - Interval A  Date First Test Hours  Tested Production BBL MCF BBL Corr API Gravity  Gravity  Bureau of Land Management  CarlsBad Field Office  Corr API Gravity  Gravity  Bureau  CarlsBad Field Office  Corr API Gravity  Bureau  CarlsBad Field Office  Froduction Method  Production Interval A  Date First Test BBL MCF BBL Ratio  BBL MCF BBL Ratio  Production Interval B  Date First Test Plwg Press Sa Ball MCF BBL MCF BBL Corr API Gravity  Froduction Interval B  Date First Test Production BBL MCF BBL Corr API Gravity  BBL MCF BBL Corr API Gravity  Production Method  Choke Tbg Press Csg 24 Hr Production BBL MCF BBL Ratio  BBL MCF BBL Ratio  Choke Tbg Press Csg 24 Hr Rate BBL MCF BBL Ratio  BBL MCF BBL Ratio  Water Gas/Oil Ratio  Well Status  Well Status  Well Status  Well Status  BBL MCF BBL Ratio  Well Status  BBL MCF BBL Ratio  Well Status  Well Status		vare			4270	<u>'       </u>	7800'		4725'-6786'			3 1/2		2	298		ļ			
ACIDENT Squeeze, etc  Depth Interval  Amount and Type of Material  AT25'-6786'  S200 gal 15% HCL, flushed w/ 61 bbl 3% KCL  Amount and Type of Material  AUC, 2 0 2010  Isl Roger Hall  BUREAU OF LAND MANAGEMENT  CARLSBAD FIELD OFFICE  Produced Date Tested Production BBL MCF BBL Corr API  Choke Tbg Press Rate BBL MCF BBL Ratio  Flwg Press Rate BBL MCF BBL Ratio  Date First Test Hours Tested Production BBL MCF BBL Ratio  Total Corr API  Gas Water Gas/Oil Well Status  Production - Interval B  Date First Test Hours Test Oil Gas Water Gas/Oil Ratio  Total Corr API  Total Oil Gas Water Gas/Oil Well Status  Production - Interval B  Date First Test Hours Test Hours Production BBL MCF BBL Ratio  Date Tiest Test Hours Research Mathod  Production - Interval B  Date First Test Hours Research Mathod  Tested BBL MCF BBL Ratio  Production Method  Production Method  Rate BBL MCF BBL Ratio  Date Five Press Rate BBL MCF BBL Ratio  Rate BBL MCF BBL Ratio  Water Rate BBL MCF BBL Ratio  Production Method  Rate BBL MCF BBL Ratio  Ratio Water Ratio  Production Method  Well Status	3) C)						··	+-						_						
Acid   Fracture   Treatment   Cement   Squeeze   etc   Depth   Interval   Amount and Type of Material   All   G   2   0   2010	<u>)</u> ))							$\vdash$						1/	101	<del>}</del> FF	<del>ITFI)</del>	<del>-F0</del> F	REC	:ORD
Depth Interval	•	racture, Ti	reatment	t, Cement	Squeeze	, etc		<u> </u>			L		<u>l</u>	†	10.	<u> </u>	11	· · ·		<b>—</b>
8 Production - Interval A  Date First Test Date Date Description Date Date Date Date Date Date Date Date									A	mount a	nd Type	of N	faterial							土 し
8 Production - Interval A  Date First Test Date Froduction BBL MCF BBL Corr API Gravity Froduction BBL MCF BBL Gravity Flwg Flwg Size Flwg Size Flwg Date Frest Caffe BBL NCF	4725'-67	86'			5200	gal 15%	6 HCL, flushed	1 w/ 61	1 bbl 3% K	CL				$\perp$		ļ	AUG_	<u>20</u>	2010	4
8 Production - Interval A  Date First Test Date Froduction BBL MCF BBL Corr API Gravity Froduction BBL MCF BBL Gravity Flwg Flwg Size Flwg Size Flwg Date Frest Caffe BBL NCF														+		<b>\</b> ,	el R	SAPI	Hall	+
Production - Interval A   CARL SBAD FIELD OFFICE														+						I I
Date   First   Test   Date   Test   Production   Date   Test   Production   Date   Production   Date   Production   Date   Date   Production   Date   Date   Production   Date   Date   Production   Date   Production   Date   Date   Production   Date   Date   Production   Date   Production   Date   Date   Production   Date   Date   Date   Production   Date   Date   Production   Date   Date   Date   Date   Date   Production   Date		ction - Inte	rval A											+	R					
17.25   36   0   38.6   .630	Date First Produced			Test Produ	ction I	Oil 3BL	Gas W MCF B	ater BL	Oil Grav Corr Al	rity PI			Proc	ducti	o <del>n M</del> e	thod				i
Size 64/64 Si 80 80 Press. Rate 17.25 36 0 2086.96 Production - Interval B  Date First Date Tested Date Tested Production BBL MCF BBL Corr API Gravity Gravity Production Method Gravity Production Method Gravity Pross Size Size Size Size Size Size Size Size	1			<del></del>			36 0		i i			-	pu	ımpi	ng					
Additional content of the state	Choke	Tbg Press									Well	Statu	S							<del></del> -
8a. Production - Interval B  Date First Test Hours Produced Date Tested Production BBL MCF BBL Corr API Gas Gravity Choke Size SI  To Press Size Size Size Size Size Size Size Size				Rate	_		1 1						pr	oduc	ing					
Date First Produced Date Test Date Tested Tested Production BBL Gas MCF BBL Corr API Gas Gravity Production Method Gravity Corr API Gas Gravity Production Method Gravity Production Pr									J											
Choke Tbg Press Csg Flwg Size Size Size Size Size Size Size Size	Date First	Test	Hours	Test	tion (				Oil Grav	ıty OT		No.	Proc	duction	on Me	thod				
Size Flwg Press Rate BBL MCF BBL Ratio	. 1000000	Jaio	100100	110000	<b>&gt;</b>	)DL	, D		Con Ar		Gravit	·y								
Size Flwg Press Rate BBL MCF BBL Ratio	Choke				-	)ıl		ater			Well S	Status	L						•	
	Size			Rate	E	BBL	MCF BI	BL	Ratio											
	*(See met		nd space	es for ada	itional	lata on r	nage 2)													<del></del>

201. D. 1		I C												
Date First	uction - Inte	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method					
Produced	Date	Tested	Production	BBL	MCF	BBL	Соп. АРІ	Gravity						
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status						
28c. Prod	luction - Inte	erval D												
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Gas Production Method Gravity					
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	•					
29. Disp	position of C	Gas (Sold, 1	sed for fuel,	vented, etc	:)									
Shortests	w all impor	tant zones	(Include Aquof porosity a	ind content	ts thereof:	Cored interv pen, flowing	als and all drill-sten and shut-in pressure	,	31. Formation (Log) Markers					
Fon	mation	Тор	Bottom		Desc	riptions, Con	tents, etc.		Name M.					
								Delawa Brushy Brushy Lwr Br	Canyon re Canyon Canyon (6600' sd) ushy Canyon prings Lime	4928 4980 5912 6706 7503 7590 7752				
			e plugging pr											
<b>✓</b> El	lectrical/Me	chanical L	een attached ogs (1 full se ing and ceme	t req'd.)	□G	the appropri eologic Repo ore Analysis	ort DST Repor	t	nal Survey					
34. I here	eby certify t	hat the fore	egoing and at	tached info	ormation is c	complete and	correct as determine	d from all avail	able records (see attached inst	ructions).*				
Name	(please pri	nt) Angel	a Lightner	1			Title Regu	latory Consul	tant					
Signa	ature $\frac{1}{\sqrt{3}}$	ngel	lo h	ith	ling		Date	/2010	4					

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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.

## **EDGE PETROLEUM CORPORATION WELL SUMMARY** ENGR: **Daniel Hurd** SURF LOC: 990' FNL, 990' FEL SECTION 34, T19S, R32E **SE LUSK 34 FEDERAL** LEASE: RIG: Permian #1 **BHL: STRAIGHT HOLE** WELL: No. 6 3567 ELEV. LEA CO., NM X: 680170 AREA: KB: Y: 590227 **SOUTH LUSK** FIELD: MAXIMUM HOLE CASING MUD WT. **DOGLEG** CASING DIRECTIONAL **OPEN HOLE** SANDS/ **DEPTH** SEVERITY SIZE **DETAILS** & TYPE **PROFILE** LOGGING MARKERS TVD MD PRESET 20" Conductor 40' 40' 17 1/2 SPUD 13 3/8", 54.5 ppf MUD 2º/100' 8.6-8.8 PPG 890' 890' J-55, STC Anhydrite **Yates** 2695 2695 12 1/4" 10.0-10.2 ppg 10 3/4" Brine wtr J-55, 45.5, BTC 28-34 CP 890'-3080' 0'-3080' 3080 3080 **ECP & DV Tool** Capitan 3550 3550 Reef Porosity 9 7/8" 3650 3650 8.4-8.6 ppg 7 5/8", 29.7 ppf Fresh wtr Vis 28-29 E-LOGS N-80, LTC **STRAIGHT** 2º/100' NONE 4270 4270 0'-4270' 3080'-4270' HOLE Delaware TOC @ 4170' **Cherry Canyon** 4755 4755 6 1/2" 8.4-10.4 ppg fresh/brine/mud 4270'-7800' WL 6-8 CC Vis 28-40 **Bushy Canyon** 6580 6580 E-LOGS 4 1/2", 11.6#, **STRAIGHT Triple Combo** N-80, LTC 4270' to 7800' 2º/100' HOLE 7800 7800 TD 0'-7800'