Form 3160-4 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM A'PPROVED OMB No 1004-0137

BUREAU OF LAND MANAGEMENT WELL COMPLETION OF DECOMPLETION DEPOPE AND LOG										Expires July 31, 2010						
LV	WELL (COMPL	ETION O	RREC	OMF	PLETI	ON R	EPOF	₹T	AND L	OG	}		ase Serial 1 MNM2923		
la Type o	f Well	Oil Well	☐ Gas V	Vell [Dry		Other					,	6 If	Indian, All	ottee o	r Tribe Name
b Type of Completion New Well Work Over Deepen Plug Back Diff Resvr									7 Unit or CA Agreement Name and No.							
2. Name o	f Operator APEAKE OF	ERATIN	IG, INC. E	-Mail: Igo			INDA (ase Name : OTOS C F		
3 Address	PO BOX		. OK 73154	n496				Phone 405-			area code	1	9 A	PI Well No	30-0	15-35356-00-S1
4. Location	n of Well (Re		,		rdance	with Fe	1						10 Field and Pool, or Exploratory SAND DUNES-DELAWARE, WEST			
At surf	ace SWSE	660FSL	1980FEL						C	ICT 1	1 2007	-				Block and Survey
At top	prod interval i	reported b	elow SWS	SE 660F	SL 198	30FEL		(O	CD-AF	RTESIA	Δ	or Area Sec 9 T24S R31E Mer NMP			
At total	depth SW	SE 660F	SL 1980FEI	L								1		DDY	arisn	13. State NM
14. Date Spudded 06/12/2007 15. Date T D Reached 06/12/2007 □ D & A Ready to Prod 08/10/2007											rod	17. Elevations (DF, KB, RT, GL)* 3478 GL				
18 Total I	•	MD TVD	8538 8538			ig Back		MD TVI		829 829		20 Dep		dge Plug Se		MD TVD
21. Type I SD DS	electric & Oth OTH OTH	er Mecha SDL DSN	mical Logs Ri NLDSST MS	un (Subm FL	it copy	of each	1)				Was	well cored OST run? tional Sur	? vey ⁹	₩ No	\vdash Yes	s (Submit analysis) s (Submit analysis) s (Submit analysis)
23 Casing a	and Liner Rec	ord (Repo	ort all strings													- -
Hole Size	Size/G		Wt (#/ft)	Top (MD)		Bottom (MD)	1 -	Cemen Depth	iter		f Sks & f Cement	Slurry (BB		Cement '	Гор*	Amount Pulled
17.500		75 H-40			0	92		·····			760			,	.0	
11 000		525 J-55 500 N-80			0	440 835					1150				0 3905	
0.07	3, 3,3	00 11 00	110		+	- 000		_			1100	 			0300	
															1	
24. Tubing	g Record															<u> </u>
Size	Depth Set (N	1D) P	acker Depth	(MD)	Size	Dep	oth Set (MD)	P	acker Dep	th (MD)	Size	De	pth Set (M	D)	Packer Depth (MD)
2.875	ing Intervals	6562				\perp	6 Perfo	ration B	000	rd						
	ormation	- 1 -	Тор		Botto							Size	1 8	No Holes		Perf Status
A) DELAWARE			ТОР		8222			Perforated Interval 5834 TO 5855			5120		OPEN			
B)	6758 TO 6766						33 Open									
C) 7257 TO 7521 50 Open						1										
D)										7977 T	O 8222			56		
27 Acid, F	racture, Treat		ment Squeeze	, Etc												
	Depth Interv		855 ACID W	/1500 CA	7 50/	HCI DI	= ACID I	M/4200	_		Type of M		27200	# 16/20 SL	. !	
			766 ACID W						_						- :	REMARKS)
															•	EE REMARKS)
·																SEE REMARKS)
28 Produc	tion - Interval	Α							-							
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MC	-	Water BBL		ıl Gr		Gas Gravit		Product	on Method		,
08/16/2007	09/23/2007	24	\Box	55 0		04 0	1903	3 0						ELECTE	RIC PU	MPING UNIT
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL 55	Gas MC	: 104	Water BBL 190	R	as O atio	ıl	Well S	atus POW		way we c		
28a. Produ	ction - Interva	al B					L				I				1	
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MC	F	Water BBL		ıl Gr. orr		Gas Grava	ACC	PT	ED FOF	RE	
Choke Size	Tbg Press Flwg	Csg Press	24 Hr Rate	Oil BBL	Gas MC	F	Water BBL		as O atio	ıl	Well	'S/ t		VID T 10	2007	GLASS

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #56607 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** BLM REVISED **

PETROLEUM ENGINEER

DELAWARE 5834 6222 CASTILE LAMAR 450 4562 4562 ELL CANYON 4411 CHERRY CANYON 6897 BONE SPRING 6897 BONE SPRING 32 Additional remarks (include plugging procedure): 5 1/2" CASING TOC @ 3605 CALC PERE'S & TREATMENT CONTD 79777-8222 GEL 75120 2040 WHITE SAND. 20760# 20/40 SUPER LC, FLUSH W/194 BBL 2% 7257-7521, 23134 GAL 30# LINEAR GEL. 46117# 20/40 WHITE SAND. 20803# WHITE SAND 2000# SUPER LC RE-FRAC WIT6500 GAL MEDALION 3000 PAD, 4000 GAL MEDALION 1/100/W1000# 25 PPG 20/40 WHITE SAND. 32000 GAL 30# LINEAR GEL W/53619# 20/40 WHITE SAND. 20120# 20/40 SUPER LC. 33 Circle enclosed attachments. 1 Electrical/Mechanical Logs (1 full set req'd.) 2 Geologic Report 3 DST Report 4. Directional Survey 5 Sundry Notice for plugging and stended information is complete and correct as determined from all available records (see attached instructions) Electronic Submission #5660? Verified by the BLM Well Information System. For CHESAPEAKE OPERATING, INC., sent to the Carisbad Committed to AFMSS for processing by KURT SIMMONS on 1003/2007 (08KM)50032SE) Name (please print) LINDA GOOD Title FEDERAL REGULATORY ANALYST Title IS 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	28b Pro	duction - Interv	val C										
The control of the co											Production Method	<u></u>	
See Production Tracer D	roduced	Baile	Tested			""		Con Ari	Gia	VIII		1,	,
32. Additional remarks (include plugging procedure):									Well	1 Status	1.		
Discrete Total Trents	30- 0-				<u> </u>	<u> </u>							
Producted Date Teerst Production Date D				Test	Tot	IGas	Nyater	Oil Gravity	I Gas		Production Method		
Size											Production Method	1	
30 Summary of Porous Zones (Include Aquilors) Show all important zones of porosity and contents theroof. Cored intervals and all drill-stem tests including depth interval tested, cushion used, time tool open, flowing and shur-in pressures and recovertes Formation Top Bottom Descriptions, Contents, etc Name Top GASTILE CASTILE CASTING TOO @ 3609 CALC PERRY S. ATREATMENT CONTD. 7977-8222 GEL. 76120 20040 WHITE SAND, 20760# 20/40 SUPER LC. FLUSH W/184 BBL 2%, 7257-7521, 23134 GAL 30# LINEAR GEL W/35619# 20/40 WHITE SAND, 20100# 25 PPG 20/40 WHITE SAND, 32000 GAL EDULINO 3000 PAJ. 4000 GAL MEDALLION W/1000# 25 PPG 20/40 WHITE SAND, 32000 GAL EDULINO 3000 PAJ. 4000 GAL MEDALLION 3000 PAJ. 4000 GAL MEDALGION 3000 PAJ. 4000 GALMEDALGION 3000 PAJ. 4000 GALMEDA		Flwg							Well	l Status	•	7	
30 Summary of Porous Zones (Include Aquifers) Show all important gares 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 recoveres Formation Top Bottom Descriptions, Contents, etc Name Top Mess Depth Mess D			Sold. used	for fuel, ven	ted, etc)	.L	L						
Formation Top Bottom Descriptions, Contents, etc Name Meas Depth DELAWARE 5834 8222	30 Sumi Show tests,	nary of Porous all important including dept	zones of p	orosity and c	ontents ther	reof: Cored	l intervals an	d all drill-stem nd shut-in press	ures	31 For	mation (Log) Mark	ers	
32 Additional remarks (include plugging procedure): 5 1/2" CASING TOC @ 3695 CALC PERFS & TREATMENT CONTD. 7977-822. GEL, 781/20 20/40 WHITE SAND, 20760# 20/40 SUPER LC, FLUSH W/194 BBL 2% 7297-7521, 2374 GAL 30# LINEAR GEL, 461/20/40 WHITE SAND, 28863# WHITE SAND, 20000# 30/40 WHITE SAND, 3000 GAL MEAALLON 3009-804 A0/00 GAL MEAALLON WHITE SAND, 20160# 20/40 SUPER 1. Electroal/Mechanical Logs (I full set req'd.) 3. Circle enclosed attachments. 1. Electroal/Mechanical Logs (I full set req'd.) 3. Sundry Notice for plugging and attached information is complete and correct as determined from all available records (see attached instructions) Electronic Submission #36607 Verified by the BLM Well Information System. For CHESAPEAKE OPERATING, INC., sent to the Carlsband Committed to AFMSS for processing by KURT SIMMONS on 1003/2007 (8KMS0032SE) Name(please print) LINDA GOOD Title FEDERAL REGULATORY ANALYST Signature (Electronic Submission) Date 10/02/2007		Formation		Top	Bottom		Descript	ions, Contents,	etc		Name		Top Meas. Depth
7257-7521. 23134 GAL 30# LINEAR GEL 46117# 20/40 WHITE SAND, 28883# WHITE SAND, 2000# SUPER LC RE-FRAC W/15000 GAL MEDALLION 3000 PAD, 4000 GAL MEDALLION W/1000# 25 PPG 20/40 WHITE SAND, 32000 GAL 30# LINEAR GEL W/53619# 20/40 WHITE SAND, 20120# 20/40 SUPER LC. 33 Circle enclosed attachments. 1 Electrical/Mechanical Logs (1 full set req'd.) 2 Geologic Report 3 DST Report 4. Directional Survey 5 Sundry Notice for plugging and cement verification 6 Core Analysis 7 Other 34 I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions) Electronic Submission #56607 Verified by the BLM Well Information System. For CHESAPEAKE OPERATING, INC., sent to the Carlsbad Committed to AFMSS for processing by KURT SIMMONS on 10/03/2007 (08KMS0032SE) Name (please print) LINDA GOOD Title FEDERAL REGULATORY ANALYST Signature (Electronic Submission) Date 10/02/2007 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	32 Addii 5 1/2 PERI	ional remarks " CASING TO FS & TREATI	OC @ 390 MENT CO	olugging processor CALC	edure):	760# 20/4	O SUPER L	.C. FLUSH W/	184 BBL 2	CA LAI BE CH BR BO	STILE MAR LL CANYON ERRY CANYON USHY CANYON	S	450 4362 4411 5793 6897
1 Electrical/Mechanical Logs (1 full set req'd.) 2 Geologic Report 3 DST Report 4. Directional Survey 5 Sundry Notice for plugging and cement verification 6 Core Analysis 7 Other 34 Thereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions) Electronic Submission #56607 Verified by the BLM Well Information System. For CHESAPEAKE OPERATING, INC., sent to the Carlsbad Committed to AFMSS for processing by KURT SIMMONS on 10/03/2007 (08KMS0032SE) Name (please print) LINDA GOOD Title FEDERAL REGULATORY ANALYST Signature (Electronic Submission) Date 10/02/2007 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	7257 SUPI 20/40	-7521. 23134 ER LC RE-FI	GAL 30; RAC W/1	# LINEAR G 5000 GAL N	EL, 461171 IEDALLIO	# 20/40 W N 3000 P	/HITE SAN AD, 4000 G	D, 28883# W⊦ GAL MEDALLIC	IITE SAND ON W/1000	, 20000#)# 25 PP		1	
Electronic Submission #56607 Verified by the BLM Well Information System. For CHESAPEAKE OPERATING, INC., sent to the Carlsbad Committed to AFMSS for processing by KURT SIMMONS on 10/03/2007 (08KMS0032SE) Name (please print) LINDA GOOD Title FEDERAL REGULATORY ANALYST Signature (Electronic Submission) Date 10/02/2007 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	l Ele	ectrical/Mecha	nical Logs	•	•			-		•	port 4	1. Direction	nal Survey
Signature (Electronic Submission) Date 10/02/2007 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		•		Electr Committed t	onic Subm For CHE	ission #56 SAPEAKI	607 Verifie E OPERAT	l by the BLM V ING, INC., ser RT SIMMONS	Well Inform nt to the Ca on 10/03/20	nation Sys rlsbad 007 (08KM	tem. (180032SE)	ed instruction	ons)
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									LULIVAL	- REGOLA	TON ANALISI	1 1 1	
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	Signat	ture	(Electron	ic Submissio	on)		<u> </u>	Date	10/02/2007	<u> </u>	····		
of the United States any false, fictitious or fradulent statements or representations as to any matter within its jurisdiction.	Title 18 U	J.S C. Section	1001 and	Title 43 U S.C	Section I	212, make	it a crime fo	or any person kn	owingly and	d willfully	to make to any depa	artment or a	gency

Additional data for transaction #56607 that would not fit on the form

26. Perforation Record, continued

Perf Interval 7977 TO 8222

No. Holes 56

Perf Status

Open

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

7977 TO 8222

Amount and Type of Material 5000 Gal 7 5% HCL + 100 ball sealers

32. Additional remarks, continued

6758-6766: 24000# 16/30 SLC, FLUSH W/157 BBL FRAC FLUID

LOGS WILL BE SENT BY OVERNIGHT MAIL

(CHK PN 613357)



FORSTER DRILLING CORPORATION

2425 Fountain View Dr., Suite 305 Houston, Texas 77057 Phone 713-266-8005 Fax 713-266-8024

OPERATOR: CHESAPFAKE OPERATING WELL/LEASE. LOTUS C FED 9-12

COUNTY: EDDY, NM

STATE OF NEW MEXICO DEVIATION REPORT

166	1
671	2
925	1
1123	2
1375	1
1631	1
1882	1
2341	. 1
2658	1
3069	2
3226	2 3/4
3328	3 1/4
3489	3
3520	3
3668	3
3683	2.7
3722	2.8
3754	3.5
3765	3
3829	3
3860	3.2
4605	0.6
5515	.3
6121	2/5
6384	0.30
6653	1 1/5
6748	0.60
7078	1/2
7329	1/2
7564	1 1/5
7863	0.20
8265	1 1/4
8344	3⁄4

STATE OF TEXAS COUNTY OF ECTOR

The forgoing instrument was acknowledged before me on All All All All Budnall on behalf of Earster Drilling Corporation.

Notary Public for Ector County, Texas
My Commission Expires: 9/21/09

KATHY GIBSON MY COMMISSION EXPIRES September 27, 2009