Form 3160-4 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

NOVPOPTATESTE

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

	***				COMPL		<u>TWW</u> T	CD P	MAE	DEPA !		MM9080		
la. Type of		Oil Well	_		☐ Dry	Other					6. If I	ndian, All	ottee o	r Tribe Name
b. Type of Completion New Well Work Over Deepen Plug Back Diff. Other									☐ Diff.	Resvr.	7. Unit or CA Agreement Name and No.			
	ERGY CON					ct: VICKIE Z@SM-ENI						se Name SAGE 34		
. Address	3300 N "/ MIDLANE	A" STREE D, TX 797		-200			Phone N : 432-68	o. (include 8-1709	area code	e)	9. AP	I Well No		30-015-39785
Location	of Well (Re	eport locati	on clearly a	nd in acco	ordance wit	h Federal rec	quirements	s)*						Exploratory E SPRING
At surfa	ice 1880F	FSL 330F\	NL								11. Se	c., T., R.,	M., or	Block and Survey
At top p	orod interval	reported be	elow 168	4FSL 84	4FWL							Area Second		19S R29E Mer
At total depth 1781FSL 463FEL										ED	DDY		NM	
14. Date Spudded 07/08/2012 15. Date T.D. Reached 09/23/2012 16. Date Completed □ D & A										Prod.	17. Elevations (DF, KB, RT, GL)* 3317 GL			
8. Total D	<u> </u>	MD TVD	1237 8071		19. Plug B		MD TVD	12: 80				ge Plug Se		MD TVD
CÔMPE	lectric & Oth ENSATED I	NEUTRO	V/HNGŠ; H	II-RES L	ATERLOG	each)			Was	well cored DST run? ctional Sur	Ē	No i	🔲 Yes	s (Submit analysis) s (Submit analysis) s (Submit analysis)
Casing ar	nd Liner Rec	ord (Repo	rt all string:	T			C	<u> </u>	·	T 61	I			
Hole Size	Size/G	irade	Wt. (#/ft.)	Top (MD			Cementer Depth	1	f Sks. & f Cement	Slurry (BB		Cement 7	Гор*	Amount Pulled
17.500				215				650		59 0				
12.250 8.750	 	625 J-55 00 P-110	36.0 17.0			3310 2318			155 288		524 561		0	
0.700	0.00	707 110	17.0			20.0	<u>`</u>				501			
			· · · · · · · · · · · · · · · · · · ·							4				
4. Tubing	Record			L				L						
Size	Depth Set (M		cker Depth	(MD)	Size	Depth Set (N	MD) F	acker Dep	th (MD)	Size	Dep	th Set (MI	D)	Packer Depth (MD)
2.875	ng Intervals	7348				26. Perfora	ation Page	ard.		<u> </u>	<u> </u>			
	rmation		Тор		Bottom	 	Perforated			Size	I No	. Holes		Perf. Status
	BONE SPI	RING		8340	12205	1		8340 TO	12205	0.37			OPE	
<u>) </u>	_										4			
)						 								
	acture, Treat	ment, Cem	ent Squeez	, Etc.										
<u>I</u>	Depth Interva		05 206 881	C 150/ D	INICE HOL	, 30,600 BBL		mount and				 		
	834	0 10 122	05 390 661	-3 15% D	INEFE HOL	, 30,000 BBL	S FLUID,	1,303,100#	Z0140 SA	300, 300,0	14# RC3	· ~T	A 79 .17	ADDIONI
											R		A IVI	ALIUN
2 Producti	on - Interval	Δ									10	UE	<u> </u>	1-1-5
e First	Test	Hours	Test	Oil	Gas	Water	Oil Gi		Gas		Production	Method		
	Date 11/09/2012	Tested 24	Production	BBL 516.0	MCF 604.0	BBL 380.0	Соп	API 42.8	Gravi	0.79	El	ECTRIC F	PUMP :	SUB-SURFACE
• [Tbg. Press. Flwg. 240 Si	Csg. Press. 175.0	24 Hr. Rate	Oil BBL 516	Gas MCF 604	Water BBL 380	Gas:O Ratio	il 605	Weil:	Status	CCF	PTF	n F	OR RECOI
	ion - Interva	L		310	004	380	<u> </u>	003		POWIN	<u>vv</u>	. Lan	וע	UN NEUUI
First	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gr Corr.		Gas Gravi		Production	Method		
outeu	Jak	4 COLEU		200	,wer	395	Con.		Giavi	'		NOV	2	5 2012
: }	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:O Ratio	il	Well !	Status		24	m	\sim
	ons and space	SSÍON #16	50590 VER	IFIED B	Y THE BL	M WELL II	NFORMA	ATION SY	STEM		BUP			D MANAGEMENT
	() PEKA I	UK-5U		רם ייי טו	CKAIU	K-9UB	WIIIE	, ~~ UP	EKALO	K-5U	RIMITION	יי עים	ELD OFFICE
										_				

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Top Bottom Descriptions, Contents, etc. Name													
Production Target Production Product				T _m	Tou	1.5	· 1						
Size Free											Production Method	,	
Due Fin		Flwg.							Wei	Il Status			
Delego Treated Delego Treated Production Bell Delego D	28c. Prod	luction - Interv	al D										
Price Pric													
SOLD 30. Summary of Porous Zones (Include Aquifers): Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem casts, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries. Formation Top Bottom Descriptions, Contents, etc. Name Top Additional remarks (include plugging procedure): 200 201 201 201 201 202 203 204 205 206 207 208 208 208 208 208 208 208		Flwg.							Wel	.1 Status			
30. Summary of Porous Zones (Include Aquifers): 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 receveries. Formation Top Bottom Descriptions, Contents, etc. Name Top Mess. D YATES CAPITAN REEF 2888 CAPITAN REEF 2018 BOING SPRING 7800 131 232 243 244 245 245 245 245 245 245 245 245 245	29. Dispo	sition of Gas(S	Sold, used f	or fuel, vent	ed, etc.)								
tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries. Formation Top Bottom Descriptions, Contents, etc. Name Top Mess. D. CAPITAN REFERENCE 288 CAPITAN REFERENCE 288 DELLAWARE BONE SPRING 5544 280 DELLAWARE BONE SPRI			Zones (Inc	lude Aquife	rs):				.—	31. For	mation (Log) Markers		
Formation Top Bottom Descriptions, Contents, etc. Name Mess. D YATES CAPITIAN REEF 268 CAPITIAN REEF 268 Sept 394 Sept 3	tests,	including deptl							es				
DELAWARE BONE SPRING 5548 2ND BONE SPRING 5548 2ND BONE SPRING 7803 2ND BONE SPRING 5548 2ND BONE SPRING 5548 7803 32. Additional remarks (include plugging procedure): LOGS WILL BE MAILED TO YOU TODAY WITH A COPY OF THIS WELL COMPLETION OR RE-COMPLETION REPORT AND LOG. DIRECTIONAL SURVEY IS ATTACHED. 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 cernent 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 #160590 Verified by the BLM Well Information System. For SM ENERGY COMPANY, sent to the Carlsbad Name (please print) MALCOLM KINTZING Title RESERVOIR ENGINEER		Formation Top					Descripti	ons, Contents, etc	s, etc. Name			Top Meas. Depth	
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: 84. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions): Electronic Submission #160590 Verified by the BLM Well Information System. For SM ENERGY COMPANY, sent to the Carlsbad Name (please print) MALCOLM KINTZING Title RESERVOIR ENGINEER	32. Addition 1 OGS	Sold NOV 1.9 PM 2: 5	nclude plug	gging procec	dure):	COPY OF	THIS WE	ELL COMPLETIO	ON OR R	CAI DEI BOI 2NI	PITAN REEF LAWARE NE SPRING D BONE SPRING	1361 2686 3946 5548 7803	
	1. Elec 5. Sund 34. I hereby Name (p	trical/Mechani dry Notice for p y certify that th please print) M	cal Logs (1 plugging ar e foregoing	g and attache Electro	ed information ed information ic Submiss For S	6. on is compl	. Core Ana lete and cor	rect as determine by the BLM WANY, sent to the	7 d from all ell Inform Carlsbac	Other: available r nation Syst d	ecords (see attached instru em.		
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	Field to the		01 - 177	- 42 13 ° C	Santian 12:	2	, ,						