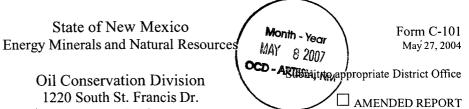
District I 1625 N. French Dr., Hobbs, NM 88240 District II

1301 W. Grand Avenue, Artesia, NM 88210 District III

1000 Rio Brazos Road, Aztec, NM 87410 District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

Oil Conservation Division 1220 South St. Francis Dr.



Santa Fe, NM 87505

State of New Mexico

			7(Operator Name	and Addre	SS S	<u>., KĿ-</u>]	ENIE	K, DI	LEPE	147179	20	GRID Num	ber	UNE	
Chesapeake Operating Inc. 2010 Rankin Hwy Midland, TX 79701												³ APl Number				
											30-015-	30 015-23523 6 Well No.				
³ PropertyCode State IX Gas Com								Name Well No.								
⁹ ProposedPool 1								¹⁰ ProposedPool 2								
Mosley Ca	awn					r toposeu rooi 2										
		_		-		7 S	Locat	ion_								
UL or lot no Section Township Range			Lot Idn Fe			rom the North/S		outh line			East/Westline		County			
H 6 24S 25E 2030									North 890		<u> </u> Ea	East Eddy				
				tion If Different From Surface												
UL or lot no.	Section 6.	Towns:		Range 25E	Lot1	dn	Feet fro 2030	om the	North/S North	outh line	Feet from the 890	Ea	ast/Westline iSt	Eddy	County	
<u> </u>	L				Ac	lditio	nal We	ll Info	rmati	on						
11 Work	Additional We 11 Work Type Code 12 Well Type Code 13 Cable													round Level E	levation	
<u>P</u>	. 1. 1		<u> </u>	17 D	R				S		19.0		3894 GR 20 Spud Date			
No	Iultıple		1046	17 Proposed Dep	th	Strav		mation		¹⁹ Contractor			02/16/2007		te	
Depth to Grou	ındwater				Distanc		nearestfres				Distance	from nea	om nearest surface water			
Pit: Liner	: Synthetic	<u>800</u>		hick Clay	Pit Vol	ume:12	2129 _{bbls}	1000 1000 DrillingMethod:								
	Closed-Loop System Closed-Loop System									Fresh Water X Brine Diesel/OI-based Gas/Air						
Proposed Casing and Cement Program																
														1770.0		
Hole S 17 1/2	size	13 3/8	Casıng		Casing weight/foot			Setting Depth 437		Sacks of Cement 370 sx CL C		t	Estimated TOC			
12 1/4		9 5/8						2785		1550 sx Cl C						
7 7/8	5 1/2			17#			11046			1820 sx Cl H			···			
						.,,										
				is application i n, if any. Use					the data o	on the pre	sent productive	zone and	proposed n	iew producti	ve zone.	
									e Straw	n zone	per the attac	hed pro	ocedure.			
											1					
											1					
NSL- Required to Produce BQ)																
²³ I hereby certify that the information given above is true and complete to the best							OIL CONSERVATION DIVISION									
of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines , a general permit , or							Approved by:									
an (attached) alternative OCD-approved plan.								BRYAN G. ARRANT								
Printed name: Shay Stricklin								DISTRICT II GEOLOGIST								
								Title:								
								Approval Date: DEC 1 8 2007 Expiration Date: 1 8 2008								
E-mail Address: SStricklin@chkenergy.com																
Date: 05/04/2007 Phone: (432)687-2992					Conditionsof Approval Attached											

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

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1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico

Energy, Minerals & Natural Resources Department

OIL CONSERVATIONDIVISION

1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-102 Revised October 12, 2005

Submit to Appropriate District Office

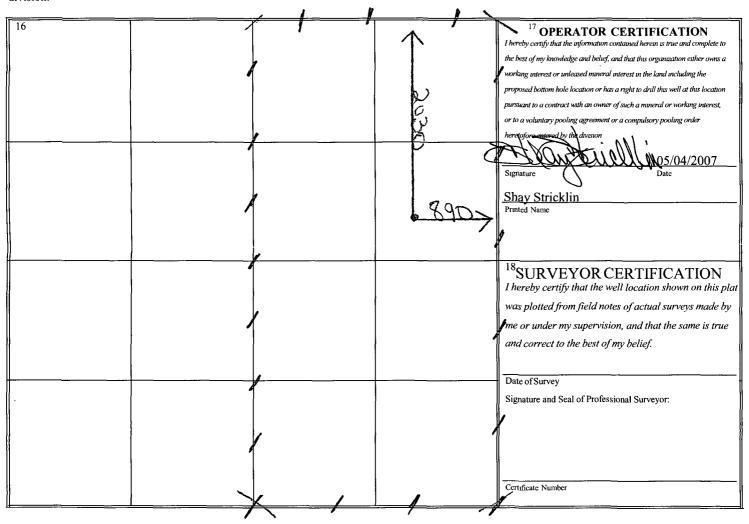
State Lease - 4 Copies
Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number			² Pool Code		³ Pool Name							
30-015-23523					Mosley Canyon; Strawn							
ode		'Well Number										
	State IX	Gas Com						001				
lo.		' Elevation										
	Chesapea	3894 GR										
				¹⁰ Surface	Location							
Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line			County		
6	24S 25E			2030	North	890	East		Eddy			
		11 Bc	ttom Ho	le Location I	f Different From	n Surface	1,000		J			
Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West lin			County		
6	24S	25E		2030	North	890	East		Eddy			
¹³ Joint or	Infill "(Consolidation (Code "Oro	der No.								
			1									
	Section 6	Section Township 6 24S Section Township 6 24S	State IX Gas Com Chesapeake Operati Section Township Range 6 24S 25E Section Township Range 6 24S 25E Section Township Range 6 24S 25E	State IX Gas Com Chesapeake Operating Inc. Section Township Range Lot Idn 6 248 25E 11 Bottom Ho Section Township Range Lot Idn 6 24S 25E	State IX Gas Com Chesapeake Operating Inc. Chesapeake Operating Inc. Chesapeake Operating Inc. Section Township Range Lot Idn Feet from the 24S 25E 2030 Township Range Lot Idn Feet from the 24S 25E 2030	State IX Gas Com Property Name	Mosley Canyon; Strawn Property Name State IX Gas Com Operator Name Chesapeake Operating Inc. Operator Name Operator Name Chesapeake Operating Inc. Operator Name Opera	Mosley Canyon; Strawn State IX Gas Com Property Name State IX Gas Com Operator Name Chesapeake Operating Inc. Surface Location Section Township Range Lot Idn Feet from the North/South line Feet from the East Section Township Range Lot Idn Feet from the North Surface Section Township Range Lot Idn Feet from the North/South line Feet from the East Section Township Range Lot Idn Feet from the North/South line Feet from the East Section Section Township Range Lot Idn Feet from the North/South line Section Section Section Township Range Lot Idn Section North/South line Section Section	State IX Gas Com Operator Name Operator	Mosley Canyon; Strawn Mosl		

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



State IX Com #1 Re-Completion Procedure Eddy County, New Mexico

GENERAL INFORMATION

Location: 890' FEL & 2030' FNL, Sec 6 - T24S - R25E

API No.: 30-015-23202

WELL INFORMATION

String OD	Weight & Grade	Depth	ID	Drift	Burst	TOC
13-3/8"	48# H40 STC	0' - 437'	12.715"	12.559"	1730	0,
8-5/8"	28/24# K55 LTC	0' - 2785'	8.017"	7.892"	1340	0,
5-1/2"	17# K/N80 LTC	0' - 11046'	4.892"	4.767"	5320	2600'

Morrow Perforations: 10471 – 10882' (OA)

TD/PBTD: 11046'/10886'

Recommended Perforations

Strawn 9442 – 9606' (OA) Brushy Canyon (Delaware) 4696 – 4716'

Re-Completion Procedure

- 1. MIRU Service Rig and requisite equipment. Kill well if required with 2% KCL. NDWH, NU BOP. Release Uni Packer and POOH with 2-3/8" tubing.
- 2. MIRU Wireline Service Unit. Run a strip log and correlate depth with Neutron/Density log dated 12/19/80 to set a 5-1/2" CIBP at 10425'. Pull correlation strip from ~10000' to 9200' and from 5000 4500'. Bail 2 sx of cement on 5-1/2" plug.
- 3. Load hole with 2% KCL and pressure test to 1000#.
- 4. RIH w/ casing gun. Perforate the Strawn Lime w/ 2 SPF, 23 gram charge, .37" holes, 60 deg. phasing, from 9598' 9606' (17 holes) and 9442 9468' (53 holes).
- 5. RIH w/ 5-1/2" treating packer and SN on 2-3/8" tubing as follows: Re-entry guide, 4' sub, 'XN' nipple, 10' sub, Arrow Set packer, on/off tool w/ 'X' profile nipple. Space out with the EOT at 9606'. Pressure test tubing in hole.
- 6. RU Acid Service Company. Spot 200 gal of 15% HCL Acid containing 4 gpt of iron control, 1 gpt each of corrosion inhibitor, surface tension reducer, and non-emulsifier. Pull packer to 9390'. Reverse circulate to ensure packer is clear of acid, set packer. Pressure test annulus to 1000#.
- 7. ND BOP. NU tree. Pressure annulus to 1000 psi. Displace spot acid, establish rate of 4 to 5 BPM w/ 2% KCL. (Keep KCL water usage to a minimum). Acidize w/ 1,300

gal of same acid. Displace w/ 2% KCL. Do not over-displace. Pump at 4 to 5 BPM max. Launch 80 ball sealers during job. Note rates and pressures. Note ISIP. Max pressure 6000#.

- 8. Flow/swab back job. Swab/flow test zone.
- 9. Re-treat as warranted. Pressure backside to 1000# and retreat as follows:
 - a) 1500 gal 20% NeFe Acid.
 - b) 3000 gal of 20% Ultragel.
 - c) 1000 gal 20% gelled NeFe.
 - d) 4000 gal of 20% Ultragel.
 - e) 500 gal of 20% gelled NeFe. Overdisplace by 35 bbl of 2% KCL.

Treat via 2-3/8" production tubing at 5 - 6 BPM.

- 10. Flow back job. Swab to clean up and test.
- 11. Put well to sales if zone proves commercial. RDMO. If zone is not commercial, proceed with Brushy Canyon test.
- 12. Set a CIBP at 9400'. Bail 2 sx of cement on plug. Load hole with 2% KCL and pressure test to 2500#.
- 13. RIH w/ casing gun. Perforate the Brushy Canyon w/ 4 SPF, 23 gram charge, .37" holes, 90 deg. phasing, from 4696' 4716' (81 holes).
- 14. RIH w/ 5-1/2" treating packer and SN on 2-3/8" tubing as follows: Re-entry guide, 4' sub, 'XN' nipple, 10' sub, Arrow Set packer, on/off tool w/ 'X' profile nipple. Space out with the EOT at 4716'.
- 15. RU Acid Service Company. Spot 200 gal of 15% HCL Acid containing 4 gpt of iron control, 1 gpt each of corrosion inhibitor, surface tension reducer, and non-emulsifier. Pull packer to 9390. Reverse circulate to ensure packer is clear of acid, set packer. Pressure test annulus to 1000#.
- 16. ND BOP. NU tree. Pressure annulus to 1000 psi. Displace spot acid, establish rate of 4 to 5 BPM w/ 2% KCL. (Keep KCL water usage to a minimum). Acidize w/ 1,300 gal of same acid. Displace w/ 2% KCL. Do not over-displace. Pump at 4 to 5 BPM max. Launch 95 ball sealers during job. Note rates and pressures. Note ISIP. Max pressure 6000#.
- 17. Flow/swab back job. Swab/flow test zone.
- 18. Prep to frac as warranted. Kill well with 2% KCL if required. ND tree, NU BOP. Release packer. Lower through perfs to clear of ball sealers. POOH w/ tubing and packer. NU frac valve. MIRU Frac Service Company. Tie on to casing and establish rate w/ 15,000 gal of 30# XL gel pad containing additives per frac schedule. Pump an additional 4000 gal of pad containing ¼ lb/gal 16/30 Ottawa as a scour. Frac per frac schedule ramping 75,000# of 16/30 Ottawa from 1 lb/gal to 4 #/gal in 35,000 gal of 30# linear gel. Tail in with 20,000# of 16/30 resin coat at 5 #/gal in 4000 gal of linear gel at

tail of job. Total sand 76,000 lb of 16/30, 20,000 lb of resin coat. Obtain rates of 35 to 40 BPM, max pr 4250#. Cut resin activator in last tub of sand. Displace to top perf with 2% KCL. Anticipated treating pressure ~1500#. Obtain 5, 10, and 15 min SI data.

- 19. Wait on frac overnight. Flow back frac.
- 20. As well loads and dies, RIH w/ MA, PS, SN, TAC (at ~ 4500') and 2-3/8" tubing. Space out and land SN ~4725'. Swab to clean up and test zone.
- 21. Set 320-256-120 PU. RIH w/ 1-1/2" pump and API Grade D 76 tapered rod string. Run pump, 350' of 1-1/4" sinker bars, 99-34", and 76-7/8" (SH Couplings). Space out/seat pump. Load and test. PWOP at 6 SPM, 120" SL. RDMO.

CURRENT WELLBORE SCHEMATIC CHESAPEAKE OPERATING INC.

WELL

STATE "IX" COMM # 1

FIELD

Baldridge Canyon

COUNTY

: EDDY

STATE: NM

LOCATION

: 890' FEL & 2030' FNL, UNIT H, SEC. 6-T24S-R25E

ELEVATION: 3894' GL 3908' KB

API#:

30-015-23523

SPUD DATE:

11/15/80

CHK PROP #

COMPLE. DATE: 12/22/80 891274

Hole Size

17-72

12-1/4

7.7/8"

13-3/8" 48# H-40 ST&C Csq. @ 437' Cmt w/ 370 sx Class C & 2% CaCl. Circ to 10

sx to surf.

Well History:

11/15/80; Spud well 4/16/81: Perf Morrow @ 10965'-971', 10960'63',

Chesapeake

10864'-882'. Put well to sales.

1/16/92; Set CIBP @ 10,900' w/2 sx cmt (14')

Set Pkr @ 10,388'.

1/19/92; Perf Morrow @ 10471'-492' w/ strip gum Acdz w/3500 gal 7.5% Howco acd & N2 pad. 8/19/93; SI for pressure build up.

8/20/94: Swab dry to 10,000'. No fluid entry

Minimal gas.

SI 1996.

TOC @ 2,600' by Temp Survey

9-5/8" 28# & 24# K-55 LT&C Csg. @ 2,785' Cmt w/400 sx Dowell Thixset Calss C cmt w/ 1/4# Flocele/sx and 10# Gilsonite/sx, Follow w/ 850 sxs Dowell Life cmt w/1/4# Flocele/sx and 10# Glisonite/sx and 300 sxz Class C Neat cmt. Follow w/570 sxs Class C. Circ to 20 sx to

OV Tool @ 8,339' w/1210 sx

Tubing Detail as of 1(17/92: 2-3/8" tbg On/Off Tool w/ Nipple

Guiberson 5-1/2" Unr VI Packer @

10,388

Morrow @ 10,471' - 492' w/ 4 jpf

Morrow @ 10,864"-82' w/ 2 jpf CISP @ 10,900' w/ 2 sx 12' cmt

Morrow @ 10960'-963', 10965'-971', 10972'-985' w/ 2 jpf

5-1/2" 17# K-55 N-80 LT&C Csg. @ 11.046' Cmt w/610 sxs Class H w/0.75% CFR2, 0.5% Halad 22-A and 2% KCL. 2Nd Stage w/1135 sxs Trinity Lite w/

5% CFR-2, 0.4% Halad 22-A and 1/4 Flocele /sx and fall in w/75 sxs Class H neat cmt. PBTD @ 10,886'

TD @ 11,046'

9/7/06 DATE: _

PREPARED BY:____ HODATED DV

Myo Htoon AM

DATE.

11/1/06

Arrant, Bryan, EMNRD

From: Arrant, Bryan, EMNRD

Sent: Tuesday, May 08, 2007 9:10 AM

To: 'Shay Stricklin'

Subject: State IX Gas Com. #1

Dear Shay,

I need to have you resubmit an amended C-102 that shows the correct dedicated acreage for the above noted well providing this is a proposed gas well completion as noted on your C-101 form.

In addition, please let me know when Chesapeake Operating, Inc. obtains a NSL from Santa Fe for the proposed completion to the Mosley Canyon; Strawn Gas Pool.

Yours truly,

Bryan G. Arrant
District II Geologist
New Mexico Oil Conservation Division
1310 West Grand Ave.
Artesia, NM 88210
505-748-1283 Ext. 103

CC: Well file