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.

Submit to appropriate District Office

□ AMENDED REPORT

1220 S. St. Fi	ancis Dr., S	anta Fe, NN	4 87505			Santa	Fe, N	M 875	05				MENDED REFOR
APP	LICAT	IONFO	<u>R PERMI</u>	<u>Г ТО D</u>	RILI	<u>L, RE-</u>]	ENTE	E <mark>R, D</mark> I	EEPE	N, PLUGI	<u>BAÇK</u>	C,OR AD	D A ZONE
Chesapeal	ce Operat	ing Inc.	¹ OperatorNam	e and Addre	SS					147179		GRID Numb	-
2010 Ranl	cin Hwy	Midland,	TX 79701							30.025-	24955	API Number	-
³ Prop	ertyCode					⁵ Property	Name			1 30 420		6 We	ell No.
\$ 30	0015		State FC	Q Gas Co	m							1	~
			ProposedPool 1							10	Proposed	Pool 2	·
Antelope H	Ridge; Ate	oka (Gas)											
					-7 S	Surface	Locat	ion					
UL or lot no. N	Section 26	Township 23s	Range 34e	Lot		Feet fro 660			outh line	Feet from the 1980		ast/Westline ESt	County Lea
	•		⁸ Pron	osed Bott	omHa	ole Loca	tion If I	Differer	nt From	Surface			•
UL or lot no.	Section	Township	Range	Lot		Feet fro			outh line	Feet from the	e Ei	ast/Westline	County
				Δ	Iditio	onal We	ll Info	rmati	on		1		· · · · · · · · · · · · · · · · · · ·
¹¹ Work	Type Code		12 Well Type Co				/Rotary	/inau		⁴ Lease Type Cod	e	¹⁵ Gro	und Level Elevation
Р		G			R				S	-		3441 GF	
¹⁶ N	Aultiple	139	¹⁷ Proposed De 10	pth	Atok		mation			¹⁹ Contractor		12/1	²⁰ Spud Date 9/2006
Depth to Gro	undwater	100		Distanc	efrom r	nearestfres				Distance	from nea	rest surface w	
Pit: Liner	: Synthetic		nilsthick Clay	Pit Vol	ume:12	2129bbls	<u> </u>	000 Drilli	ngMetho	<u>d:</u>		1	000
	ed-Loop Syst								-	Brine Die	sel/Oi-ba	sed 🗍 Gas/	Air
C1034	a-200p 3 ys		2	¹ p	10	• • • •	10						<u></u>
	.	1		Propo	seaC	Casing a	<u>na Ce</u>	ement	Progra	<u>im</u>			
Hole	Size		sing Size		g weigh	nt/foot		Setting D	epth		of Cemen	t	Estimated TOC
20		16		65			792			440 sx	·····		
14 3/4		10 3/4		40.5			8160			950			
9-1/2		7 5/8		29.7			1208:			2300			
6 3/4		5		18			13890)		205			
	-						•						w productive zone.
Chesapeak	e, respect	fully, requ	gram, if any. Use lest permission ar From A under Under	n to add	additio			e Atoka	a zone p	er the attach	-		1234567
of my knowle constructed	edge and be according () alternativ	lief. I furthe to NMOCD	in given above is the certify that the guidelines \Box , so proved plan \Box .	e drilling p	it will l	be	Appro Title:	ved by:		CONSERSE is US DISTRICT	VATIO	NIDYSIS USGRZE	NERAL MANAG
Title: E-mail Addre	ŭ	tory Assis				l	Appro	val Date:		• • • • • •	Expira	ation Date:	
	12/2006	intwenter		(432)687	-2002		Condi	tionsof A	pproval A	ttached	<u> </u>		
·			, I , , , , , , , , , , , , , , , , , ,	-132,007	2772	,							

	District I	State of	f New Mexico	Form C-102
4	1625 N. French Dr., Hobbs, NM 88240	Energy, Minerals & N	Revised October 12, 2005	
	<u>District II</u> 1301 W. Grand Avenue, Artesia, NM 88210		VATIONDIVISION	Submit to Appropriate District Office
	District III	1220 Sout	State Lease - 4 Copies	
	1000 Rio Brazos Rd., Aztec, NM 87410		Fee Lease - 3 Copies	
	District IV	Santa F	Fe, NM 87505	
	1220 S. St. Francis Dr., Santa Fe, NM 87505			☐ AMENDED REPORT
	WE	ELL LOCATION AND	ACREAGE DEDICATION	PLAT
	'API Number	' Pool Code	·P	'ool Name

30-025-24955	ber		Antelope Ridge; Atoka (Gas)							
Property Code		[°] Property Name								er
300018	State FQ	Gas Com	Com							
'OGRID No.				'Operator I	Name				'Elevation	
147179	Chesapea	ke Operat	perating Inc.					3441 GR		
				¹⁰ Surface	Location					
UL or lot no. Secti	on Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East	/West line		County
N 26	23S	34E		660	North	1980	West		Lea	
		¹¹ B	ottom Ho	le Location I	f Different From	n Surface				
UL or lot no. Secti	on Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East	/West line		County

				×		
" Dedicated Acres	" Joint or Infill	"Consolidation Code	¹⁵ Order No.			
320	N					

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.

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\$	F16	• • • • • • • • • • • • • • • • • • • •	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.
6			Signature Signature Shay Stricklin Printed Name
A Contraction			¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.
			Date of Survey Signature and Seal of Professional Surveyor: Certificate Number

State FQ Gas Com #1 Lea County, New Mexico

November 30, 2006

GENERAL INFORMATION

Location: 660' FNL & 1980' FWL, S26 – T23S – R34E <u>API No.:</u> 30-025-24955

WELL INFORMATION

<u>String OD</u>	Weight & Grade	Depth	ID	<u>Drift</u>	<u>Burst</u>	TOC
10-3/4"	40.5# K55	0' - 5160'	10.050"	9.894"	3130	550'
7-5/8"	29.7# S95	0' - 12085'	6.875"	6.750"	8180	4725'
5"	18# P110	11759' - 13890'	4.276"	4.151"	13620	12045'

Morrow Sand: 13380 – 479' (OA) Atoka Sand: 13096 – 13103'

Proposed Atoka Bank perfs: 12410 - 13' & 12418 - 48'

TD/PBTD: 13910'/ 13850'

Re-Completion Procedure

- 1. MIRU Service Rig and requisite equipment. Kill well as required with 7% KCL. NDWH, NU BOP. Release Unipac and POOH laying down 2-7/8" Hydril tubing.
- 2. MIRU Wireline Service Unit. Run a GR/CCL log and correlate depth with Compensated Neutron-Density log dated 8/29/75 to set a 5" CIBP at 13050'. Pull correlation strip from ~13200' to 12200'. Bail 2 sx of cement on 5" plug.
- 3. Load hole with 2% KCL and pressure test to 1000#.
- 4. RIH w/ casing gun. Perforate the Atoka Bank Lime w/ 2 SPF, 23 gram charge, .37" holes, 60 deg. phasing, from 12418' 48' (61 holes) and from 12410 13' (7 holes).
- 5. RIH w/ 5" treating packer and SN picking up 4.7# tested and inspected 2-3/8" N80 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 12448'.
- 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 ~12360'. 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/ 2,300 gal of same acid. Displace w/ 2% KCL. Do not over-displace. Pump at 5 to 6 BPM max. Launch 75 ball sealers in last 1500 gallons of job. Note rates and pressures. Note ISIP. Max pressure 8000#.

- 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. Over-displace by 30 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. RDMO.