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

รภิวิริกากัด

## RECEIVE State of New Mexico

Form C-101 June 16, 2008

JUN 16 ZOH Oil Conservation Division HOBBSOGO South St. Francis Dr.

Submit to appropriate District Office

☐ AMENDED REPORT

1220 S, St. Er	ancis Dr., S	Santa Fę, NM	87505		,	Santa re,	NM 8/3	005					
API	PLICA'	TION FO	OR PERM	IT TO	DRIL	L, RE-E	NTER,	DEEP	EN, PLUGE			DD A ZONE	
			Operator Name Chesapeake Op P.O. Box	e and Addre	ess S. /	-			147179	<sup>2</sup> OGRID			
		Ç	P.O. Box klahoma City, C	18496 0K 73154-0	496				30 - 025-22	' ለPI N 284 I			
33°	33904 1 Penin							ty Name  "Well No.  1					
	,		Proposed Pool 1					a i	1 1 7 Prop	osed Pool 2	2		
		SWD; Que	een (Quail Quee	n Unit)	7.0			96	البا				
P Y.		- 4. 1		T	.1	Surface L			- X 1.	1	i	<del>, , , , , , , , , , , , , , , , , , , </del>	
UL or lot no G	Section 11	Township 195	Range 34E	Lot !	lđn	Feet from the	Nontre	South line	Feet from the 1980'	East/We	st line	County Lea	
, .			<sup>8</sup> Pro	oposed B	ottom H	ole Locatio	n If Diffe	erent Fro	m Surface	1			
UL or lot no.	Section	Township'	Range	Lot	ldn	Feet from the	North/S	South line	Feet from the	,East/Wes	st line	County	
	L	·			Additio	nal Well	Inform			·	1		
	Type Code E		12 Well Type Co I	ode,		Cable/Rota	· ·	ı	Lease Type Code S		is Grou	nd Level Elevation 3973	
	uļtiple N		17 Proposed Dep 5297	oth		Formation Queen			19 Contractor			Spud Date ASAP	
		<b>!</b>						1		L		•	
				<sup>21</sup> Prop	osed C	Casing an	d Ceme	nt Prog	ram.		١		
Hole S	ize	Cași	ng Size	Casing	g weight/fo	oot ·	Setting D	epth	Sacks of Cement		Estimated TOC		
. 11"		8	5/8"		24#		307		150 sxs		Surface		
7.7/8	3"	5	1/2"	<del></del>	17#		\$300'		250 sxs		4000'		
			· e	. (	D ria	inal	Well	ben	e				
					<u> </u>								
			this application gram, if any. Us				give the dat	tà on the p	resent productive z	one and pro	oposed í	new productive zone.	
Please find the	e procedure	to convert th	nis well to an inj d C-144(CLEZ)	ection well	for the Q		nit:			,			
R-12952, R-1			o	, p. , p. , , , , , , , , , , , , , , ,	•								
K-12832, K-1	2,932-M, K,-	-1 Z932-D											
					Dor	mals Ext	oires 2	Years	From Appl	roval			
					rei	Date U	inless E	de ablant	d Ongerast	<b>y</b>			
						2000	Pli	gbac	K				
			,				•	•					
<sup>23</sup> I hereby cer best of my kn	rtify that the owledge an	e information d belief.	given above iş.	true and co	implete to	the	ŎIL CONSERVATION DIVISION						
Signatûre;	1		1			An							
<b></b>	Du.	/	drew	9		. Visi	Approved by:						
Printed name:		<u></u>		V		Ţid	e: PAC	TDOI	CI MA EMONS				
Bryan Affant							٢,	INUL	eum enomi	ren			
Title:							oroval Date	:	F	Expiration I	Dàte:		
Senior Regula	ntory Comp	liance Specia	list	<del></del>			<del></del>			<del></del>			
È-mail Addre	ss:						JUN	17	2009				
bṛyaṇ.ạrrạnt@	ichk.com		Ţ				- • •	. '	LUU/				
Dâte:			Phone:			Cor	ditions of A	Approval A	attached 🔲				
δήρεζες			405:035.378	27		7/2000 405:035.3782							



# Pennzoil State 1 Convert to Injection Lea County, New Mexico

#### Well Information

Location:

1,980' FNL & 1,980' FEL Sec. 11-T19S-R34E

CHK Prop Num:

891040

API Num:

3002522841

PBTD/TD:

5,297' / 5,300'

#### Casing and Tubular Data:

STRING	@P((lii))	WEIGHT (DIG)	GRANDE	110((in))	DRIFT (In)	ागणस्थाः (१९५))	(ii)	11006
Surface	8.625	24	PHONE MANAGEMENT OF STREET	8.097	7.972	2,950	397'	Surf
Production	5.500	17		4.892	4.767	7,740	5,297'	4,000'
		,						(Calc.)
Tubing	2.375	4.7		1.995	1.901	7,700	5,201'	N/A

#### Perforation Data:

FORMATION	1(0)?	IMOITTON	HEICHT	DEVENTY BHOTT	HOUES	PHYASING	COMMENTS	
Queen	4,993	5,235'	242'	??	??		Producing	

For further detail, please see attached wellbore schematic.

#### **Procedure**

- 1. MIRU workover rig. TOH w/7/8" and ¾" rods and 1-1/2" pump and BHA. ND WH. NU BOP. TOH w/2-3/8" production tubing.
- 2. RIH w/ bit and scraper on tubing to 5,200. POH w/ bit.
- 3. MIRU wireline unit. PU 5-1/2" CIBP, RIH and set at ~5,170'. Tag plug to verify, POH. PU bailer and RIH and bail 35' cmt on top of CIBP set at 5,150'. POH.

4. RIH and perforate Queen as follows:

FORMATION	1(0)?	ВОППОМ	HEIGHT	S#OT DEVSITY	HORES	BHWalke	COMMENTS
Queen	4,991'	5,006'	15'	3 SPF	45	60	
Queen	5,014'	5,028'	14'	3 SPF	42	60	
Queên	5,046'	5,058'	12'	3 SPF	36	60	
Queen	5,076'	5,084'	12'	3 SPF	36	60	
Total	4,991'	5,084'	53'	3 SPF	159	60 .	

Correlate to Density log from 12/7/68. RDMO Wireline unit.

- 5. PU 5-1/2" x 2-3/8" treating packer and 2-3/8" tubing and TIH to 5,180' and spot 15% HCl acid across Queen interval (4,991' 5,084'). PUH and set packer at ~4,900'.
- 6. MIRU acid service and acidize Queen (4,991' 5,084') with 5,000 gals of 15% NEFE acid using rock salt as diversion. Shut down and record ISIP, 5 min, 10 min and 15 min pressures. RDMO acid service.
- 7. Flow back well to recover spent acid. Once well is dead, unset treating packer and TOH.
- 8. TIH w/5-1/2" x 2-3/8" injection packer and 2-3/8" TK-99 plastic coated tubing to ~4,925'. Circulate packer fluid and set packer. Test backside to 500 psi for 15 minutes.
- 9. ND BOP. NU WH. RDMO workover rig.

#### **Contact Information**

Workover Superintendent:	Lynard Barerra	Office 575-391-1462 Cell 575-631-4942
Production Superintendent:	Curtis Blake	Office 575-391-1462 Cell 575-631-9936
Production Foreman:	Ralph Skinner	Office 575-391-1462 Cell 575-441-4921
Asset Manager:	Jeff Finnell	Office 405-935-4347 Cell 405-919-3305

District 1 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410

### State of New Mexico Energy, Minerals & Natural Resources Départment OIL CONSERVATION DIVISION 1220 South St. Francis Dr.

Form C-102 Revised October 12, 2005 Submit to Appropriate District Office State Lease - 4 Copies Fcc Lease - 3 Copies

District IV	Santa Fe, NM 87505
1220 S. St. Francis Dr., Santa-Fe, NM 87505	
WELI	L LOCATION AND ACREAGE DEDICATION

1220 S. St. Francis	Dr., Santa-F	Fe, NM 87505							1	$\square$ ame	NDED I	REPORT
		<u>W</u> J	ELL LC	<u>)CAT</u>	ION AND	<b>ACF</b>	REAGE DEDIC	ATION PLA	AT			
30-025-2284	API Numbe 41	ř /	961	' Pool C	Code		WD; Queen	WD; Queen 'Pool Name				
Property (	ode 7	Pennzoil St	tate /		'Pr	roperty i	Name			1 '\	Well Numb	er
OGRID N	·o	Chesapeake	•••	ing Inc		perator l	Name			3973'	'Elevation	
1,,,,,,	1	Oiloinbar	, Opt.	m.s,		rface	Location	****		1 57.5		
UL or lot no.	Section	Township	Range	Lot	ldn Feet fi	rom the	North/South line	Feet from the	È Eus	st/West line	Γ	County
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		<u> </u>	11 Bc	ottom l	Hole Locat	tion I	f Different Fron			1		
UL or lot no.	Section	Township	Range	Lot 1		rom the		Feet from the	Eas	it/West line		County
" Dedicated Acres	Joint o	r Infill " Cor	nsolidation (	Code "	" Orděř No.		<u> </u>		L			
				- 1	R-12952							
No allowable v division.	vill be ass	signed to this	completi	on until	L'all, interests	have l	been consolidated of	17 O	PEŔATO	OR CERT	rificat	
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ŕ					· —		1980'	Signature  Bryan-A  Printed Name		mid	05/22 Date	2/2009
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