

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

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
June 16, 2008

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit to appropriate District Office

☐ AMENDED REPORT

MAR 25 2011

HOBBSOCD

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN,
PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Chesapeake Operating, Inc. P.O. Box 18496 Oklahoma City, OK 73154-0496		² OGRID Number 147179
³ Property Code 38381	⁵ Property Name Chambers Strawn Unit	³ API Number 30 - 025-33623
⁹ Proposed Pool 1 Shoe Bar, Strawn, West		¹⁰ Proposed Pool 2

⁷ Surface Location									
Unit H	Section 7	Township 16 South	Range 36 East	Lot Idn	Feet from the 1700'	North/South North	Feet from the 900'	East/West line East	County Lea

⁸ Proposed Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Additional Well Information

¹¹ Work Type Code P	¹² Well Type Code 1	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3900' GR
¹⁶ Multiple No	¹⁷ Proposed Depth 11,982'	¹⁸ Formation Strawn	¹⁹ Contractor TBD	²⁰ Spud Date

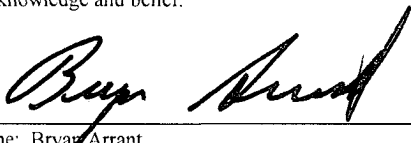
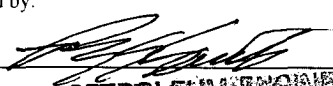
²¹ Existing Casing and Cement for Well-bore

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2"	13 3/8"	54.5#	412'	475	Surface
11"	8 5/8"	28# & 32#	4261'	1700	Surface
7 7/8"	5 1/2"	17#	12,000'	705	4230' by CBL

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Chesapeake Operating, Inc. proposes to convert this well to injection (R-13303, A). Please find the procedure to convert to injector, actual and proposed well-bore schematics, and NMOC's C-102 and C-144 (CLEZ) pit permit.

Permit Expires 2 Years From Approval
Date Unless Drilling Underway
Recomplete
to Inj.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: 		Approved by: 	
Printed name: Bryan Arrant		Title: PETROLEUM ENGINEER	
Title: Sr. Regulatory Compliance Specialist		Approval Date: APR 05 2011	Expiration Date:
E-mail Address: bryan.arrant@chk.com			
Date: 3/24/2011	Phone: 405.935.3782	Conditions of Approval Attached <input type="checkbox"/>	

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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102

Revised July 16, 2010

Submit one copy to appropriate

District Office

RECEIVED**MAR 25 2011**
HOBBSUCD☐ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

¹ API Number 30-025-33623		² Pool Code 97100 96649		³ Pool Name Shoe Bar; Strawn, West	
⁴ Property Code 38381		⁵ Property Name Chambers Strawn Unit			⁶ Well Number 1
⁷ OGRID No. 147179		⁸ Operator Name Chesapeake Operating,			⁹ Elevation 3900' GR

¹⁰ Surface Location

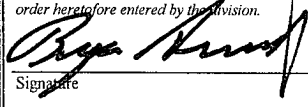
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	7	16 South	36 East		1700'	North	900'	East	Lea

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. R-13303, A
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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.

<div style="position: relative; height: 400px;"> <div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; border: 1px solid black;"></div> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%);"> <div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; border: 1px solid black;"></div> <div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; border: 1px solid black;"></div> <div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; border: 1px solid black;"></div> <div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; border: 1px solid black;"></div> </div> </div>	1700' FNL 900' FEL		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. <div style="display: flex; justify-content: space-between;"> <div style="width: 80%;">  Signature </div> <div style="width: 15%;"> 3/24/2011 Date </div> </div> <div style="border-top: 1px solid black; padding-top: 5px;"> Bryan Arrant Printed Name </div> <div style="border-top: 1px solid black; padding-top: 5px;"> bryan.arrant@chk.com E-mail Address </div>
	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:		
	Please Refer to Original Plat		
			Certificate Number

Chambers Strawn Unit 1
Sec. 7-T16S-R36E, 1,700 FNL & 900 FEL
Lea County, NM
API #3002533623
CHK Prop #811888
3/23/2010



Convert to Injector

Well Data

Casing: 5.5" 17# N-80 @ 12,000'
PBDT: 11,982'
Elevation: 3,960' KB 3,942' GL
WI (%): 78.76

DV Tool: 8,199'

Open Perforations:
Strawn 11,392' – 11,480' (4-6 SPF)

Tubular Specifications

SIZE	WEIGHT	GRADE	BURST	COLLAPSE	YIELD	DRIFT (ID/OD)	CAPACITY (FT./GAL)	CAPACITY (FT./BBL)
5.5"	17#	N-80	7740 psi	6280 psi	348K	4.767" / 6.050"	1.0242	43.01

Procedure

1. MIRU PU. ND WH. NU BOP. TOH & LD any production equipment. (Run bit & scraper if deemed neccessary)
2. RU hydrotesters. PU 2-7/8" pump out plug, 1.43" SS F-nipple w/ 1.385" No-Go, 2-7/8" N-80 IPC sub, 2-7/8" X 5-1/2" injection packer, on/off tool w/ 1.5" SS F-nipple & 2-7/8" N-80 IPC tbg. TIH while hydrotesting & set injection packer 50' from the top perforation @ 11,392'. RD hydrotesters.
3. Release on/off tool. Load hole w/ packer fluid and displace from tbg w/ 2% KCL.
4. Latch into on/off tool. Pressure up on casing to ensure integrity for OCD. Pressure up on tubing to pump out plug.
5. RU acid crew. Pump 5000 gal 15% NEFE HCL job on Strawn perforations from 11,392' – 480'. Displace acid w/ tubing volume of 2% KCL.
6. ND BOP. NU WH. RDMO PU.

Contacts

Completions Superintendent: Mark Mabe (432) 556-6067
Production Foreman: Steve Serna (575) 390-9053
Production Engineer: Shannon Glancy (405) 935-8109



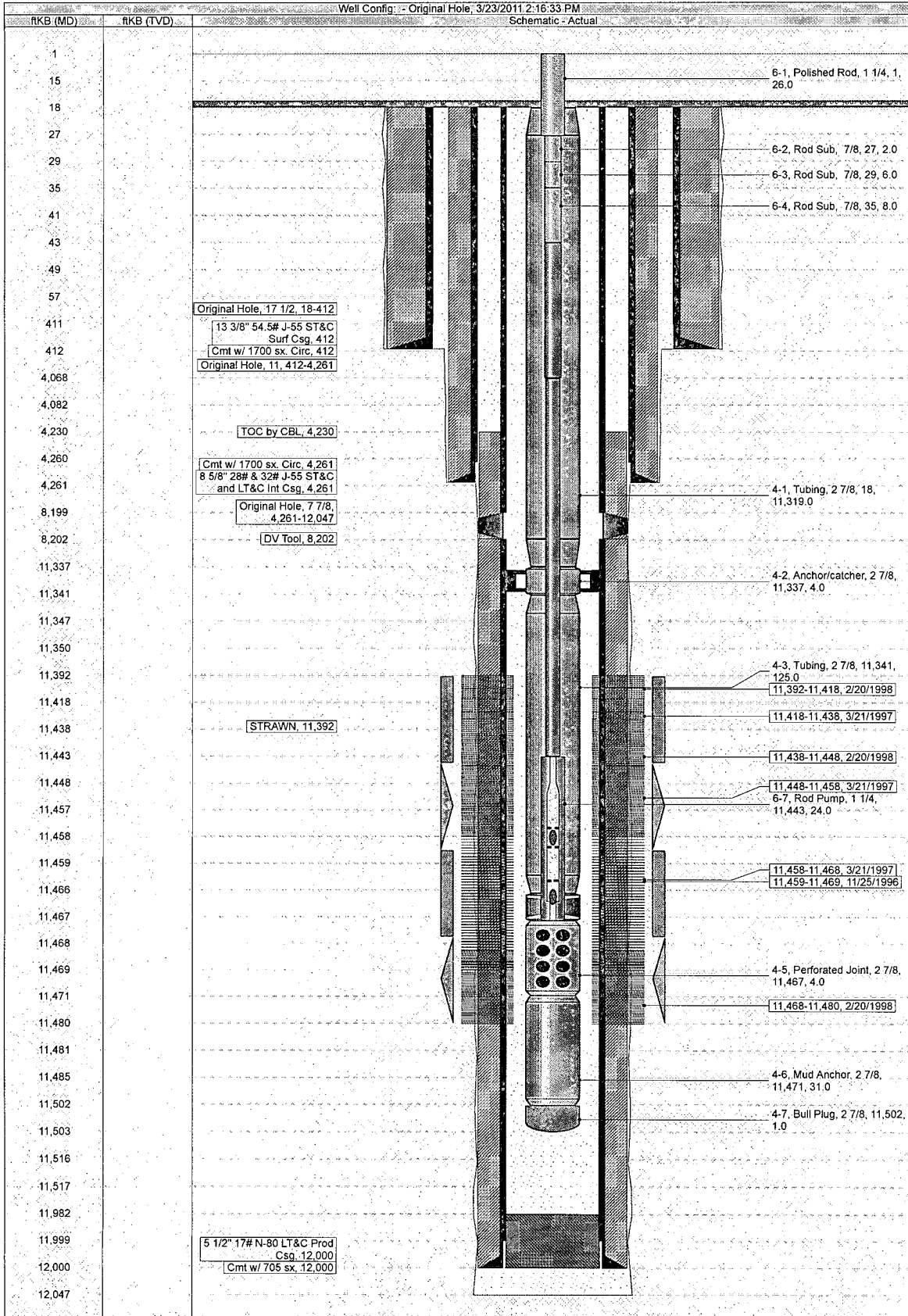
BLM Schematic

CHAMBERS STRAWN UNIT 1-7

CONFIDENTIAL

Field: LOVINGTON STRAWN PROJECT
County: LEA
State: NEW MEXICO
Location: SEC 7-16S-36E, 1700 FNL & 899 FEL
Elevation: GL 3,942.0 KB 3,960.0
KB Height: 18.0

Spud Date: 10/19/1996
Initial Compl. Date:
API #: 3002533623
CHK Property #: 811888
1st Prod Date: 11/28/1996
PBDT: Original Hole - 11982.0
TD: 12,047.0





Proposal - Workover

CHAMBERS 1-7

Field: LOVINGTON STRAWN PROJECT
County: LEA
State: NEW MEXICO
Location: SEC 7, 16S-36E, 1700 FNL & 899 FEL
Elevation: GL 3,942.00 KB 3,960.00
KB Height: 18.00

Spud Date: 10/19/1996
Initial Compl. Date:
API #: 3002533623
CHK Property #: 811888
1st Prod Date: 11/28/1996
PBTD: Original Hole - 11982.0
TD: 12,047.0

