

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., 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-103
June 19, 2008

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.	30-025-21147
5. Indicate Type of Lease STATE ☒ FEE ☐	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name Kemnitz SWD	
8. Well Number	1
9. OGRID Number	147179
10. Pool name or Wildcat SWD; Wolfcamp	
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	4090' GR

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other SWD

2. Name of Operator
Chesapeake Operating, Inc.

3. Address of Operator
P.O. Box 18496
Oklahoma City, OK 73154-0496

4. Well Location
Unit Letter E : 1980' feet from the North line and 660' feet from the West line
Section 27 Township 16 S Range 34 E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
4090' GR

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☒	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
OTHER: ☐		OTHER: ☐	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Dear Sirs/Madams:
Please find the following procedure for plug and abandonment of this well.
In addition please find an amended NMOCD C-144(CLEZ) pit permit.

RECEIVED
MAR 25 2009
HOBBSOCD

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Bryan Arrant TITLE Sr. Reg Compl. Specialist DATE 03/24/2009

Type or print name Bryan Arrant E-mail address: bryan.arrant@chk.com PHONE: (405)935-3782

For State Use Only

APPROVED BY: Mary Brown TITLE Compliance Officer DATE 4/7/2009

Conditions of Approval (if any)

THE OIL CONSERVATION DIVISION MUST
BE NOTIFIED 24 HOURS PRIOR TO THE
BEGINNING OF PLUGGING OPERATIONS



**Kemnitz Unit 1 SWD
Plug and Abandon
Lea, NM**

Current Wellbore Information

Casing	OD	Weight	Depth Set	TOC
Surface	13 3/8"	48#	424'	Surface
Intermediate	8 5/8"	32#	4,500'	2,290'
Production	5 1/2"	17#	10,850'	8,650'

Perfs	Top Perf	Bottom Perf	Status
Lower Wolfcamp	10,756'	10,812'	SI

***NOTE – Casing leak located from 5,571'-5,637'**

GL: 4,090' KB: 17' KB Height: 4,107'

Procedure

1. Test anchors
2. MIRU pulling unit. NDWH NUBOP.
3. Receive rack and tally 313 jnts 2 7/8" WS.
4. RIH tag RBP (currently has 2 sx cmt bailed on top) @ 8,750'. Bail 2 more sx cmt on top of plug (35' minimum).
5. Fill 5 1/2" casing with salt gel mud containing 9.5 pound brine and 12.5 lbs of gel per barrel. NOTE* - not going to be able to fill due to casing leak.
6. PUH to 5,750'. ~~Spot 25 sx cmt inside csg.~~ **WOC & TAG NO DEEPER THAN 5521'.**
SQZ 35
7. Perforate 5 1/2" csg at 4,550' (50' below 8 5/8" csg shoe) and then squeeze with cement to have 100' outside csg. Spot an additional 100' cmt inside csg. Estimated TOC @ 4,450'. WOC. Tag plug to verify.
8. Perforate 5 1/2" csg at 2,720' (50' below salt base) and then squeeze with cement to have 100' outside csg. Spot an additional 100' cmt inside csg. Estimated TOC @ 2,620'. WOC. Tag plug to verify.
9. Perforate 5 1/2" csg at 1,620' (50' below salt top) and then squeeze with cement to have 100' outside csg. Spot an additional 100' cmt inside csg. Estimated TOC @ 1,520'. WOC. Tag plug to verify.
10. Perforate 5 1/2" csg at 474' (50' below 13-3/8" csg shoe) and then squeeze with cement to have 100' outside csg. Fill remainder 5 1/2" csg with cement to surface.
11. ND BOP. Cut off 5-1/2", 8-5/8" & 13-3/8" casings 3' below ground level.
12. Weld on an ID plate. RD and release Well Service Unit. Restore location.

Contacts

Workover Foreman

Lynard Barrera
Office: 575-391-1462
Cell: 575-631-4942

Production Engineer

Doug Rubick
Office: 405-879-3178
Cell: 405-208-3185

Production Foreman

Steve Serna
Office: 575-391-1462
Cell: 575-390-9053

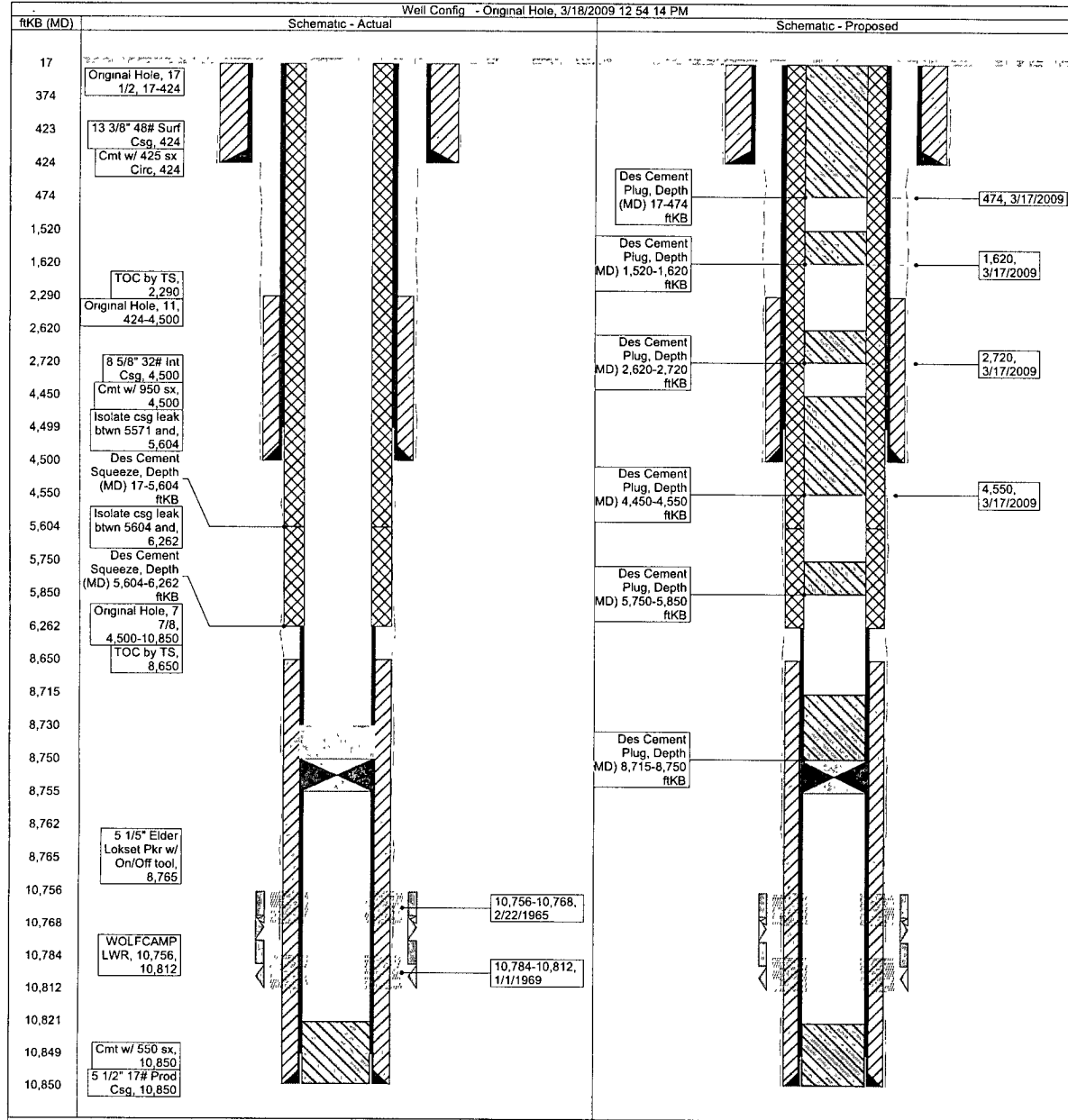


Proposal - Completion

KEMNITZ UNIT 1

Field: SEC 27, 16S-34E, 1980 FNL & 660 FWL
County: LEA
State: NEW MEXICO
Location: SEC 27, 16S-34E, 1980 FNL & 660 FWL
Elevation: GL 4,090.00 KB 4,107.00
KB Height: 17.00 SEC 27, 16S-34E, 1980 FNL & 660 FWL

Spud Date: 12/30/1964
Initial Compl. Date:
API #: 3002521147
CHK Property #: 891018
1st Prod Date: 3/1/1965
PBSD: Original Hole - 10821.0
TD: 10,850.0



Cement										
Start Date	String	Wellbore	Stg No	Fluid	Amount (sacks)	Class	Yield (ft ³ /sack)	Density (lb/gal)	Comment	
12/30/1964	Surface, 424 0ftKB	Original Hole			425					
1/12/1965	Intermediate, 4,500.0ftKB	Original Hole			950					
2/16/1965	Production, 10,850 0ftKB	Original Hole			550					