Submit 3 Copies To Appropriate District Office	State of New Mexico	Form C-103	
District I 1625 N French Dr., Hobbs, NM 88240	Energy, Minerals and Natural Resources	WELL API NO.	
District II	OIL CONSERVATION DIVISION	30-025-20603 <b>/</b>	
1301 W Grand Ave , Artesia, NM 88210 District III	1220 South St. Francis Dr.	5. Indicate Type of Lease STATE X FEE	
1000 Rio Brazos Rd., Aztec, NM 87410 District IV	Santa Fe, NM 87505	6. State Oil & Gas Lease No.	
1220 S St Francis Dr., Santa Fe, NM 87505			
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		7. Lease Name or Unit Agreement Name Kemnitz State Lower Wolfcamp East Unit	
PROPOSALS.)  1. Type of Well: Oil Well X Gas Well Other		8. Well Number 6	
2. Name of Operator	9. OGRID Number 147179		
Chesapeake Operating Inc.  3. Address of Operator 2010 Rankin Hwy		10. Pool name or Wildcat Kemnitz; Wolfcamp	
Midland, TX 79701		Kemnitz; Wolfcamp	
4. Well Location	660 Coat from the SOUTH line and 60	60feet from theWESTline	
Unit Letter M :	feet from the SOUTH line and 60  Township 16S Range 34E	NMPM CountyLea	
Section 22	11. Elevation (Show whether DR, RKB, RT, GR, etc.		
	4090 GR		
Pit or Below-grade Tank Application _ o	r Closure ater Distance from nearest fresh water well Di	stance from nearest surface water	
Pit type Depth to Groundware Pit Liner Thickness: mil		Construction Material	
	Appropriate Box to Indicate Nature of Notice		
NOTICE OF IN PERFORM REMEDIAL WORK  TEMPORARILY ABANDON  PULL OR ALTER CASING	PLUG AND ABANDON 🗵   REMEDIAL WO	RILLING OPNS. P AND A	
OTHER:	☐ OTHER:		
13. Describe proposed or comp of starting any proposed we or recompletion.	leted operations. (Clearly state all pertinent details, a ork). SEE RULE 1103. For Multiple Completions: A	nd give pertinent dates, including estimated date Attach wellbore diagram of proposed completion	
	ermission to Plug this well per the attached procedure	2970	
• / •		(188 101772	
		NOV 2007  Received  Hobbs  OCD	
		/ NOV 2007 61	
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		Nobbs Nobbs	
		100 July 100	
	THE ACT OF THE PROPERTY AND THE PROPERTY	202924262625	
THE OIL CONSERVAT	ion division must		
NOTIFIED 24 HOL	IRS PRIOR TO THE		
LEGINNING OF PLUG			
	enna en millenile (1969 -		
I hereby certify that the information	above is true and complete to the best of my knowled	lge and belief. I further certify that any pit or below-	
grade tank has been/will be constructed or	closed according to NMOCD guidelines X, a general permit [	or an (attached) alternative OCD-approved plan [].	
SIGNATURE	TITLE Regulatory Tech.	DATE_11/06/2007	
Type or print name Shay Strickling For State Use Only	E-mail address:sstricklin@		
APPROVED BY: Haulu	TITLE TITLE	e hystaff manage $_{ m DATE}$ NOV $2$ $1$ $2007$	
Conditions of Approval (if any)		,	



# Kemnitz Unit 6 Plug and Abandonment Lea County, NM

#### **Plug and Abandonment Procedure**

1. Notify the NMOCD 24 hrs in advance prior to commencing plug and abandonment operations.

### **Current Wellbore Information**

Surface Casing (10-3/4", set at 415') TOC Surface,

Intermediate Casing (7-5/8", 24# H-40 (0'-1,249') & 26.6# J-55 (1,249'-4,530') TOC Surface, Production Casing (4-1/2",10.5# (0'-4,998') & 11.6# N-80 (4,998'-10,060') & 13.5# N-80 (10,060'-10,857')) TOC 2,400'(Calc)

GL: 4,090' KB: 12' KB Height: 4,102'

- 2. Test anchors
- 3. Rack 355 joints of 2-3/8" N-80 workstring.
- 4. MIRU pulling unit. ND wellhead. NU BOP.
- 5. TIH w/ 2-3/8" tubing. Tag up @ new PBTD Approximately @ 10,600'. Circulate 4-1/2" casing with salt gel mud containing 9.5 pound brine and 12.5 lbs of gel per barrel.
- 6. PUH to 7,600'. Spot 25 sx cmt inside csg.
- 7. PUH to 4,580. Spot 25 sx cmt inside csg. Tag plug.
- 8. PUH to 2,670'. Spot 25 sx cmt inside csg.
- 9. Perforate 4-1/2" csg at 1,710' (25' below Salt) and then squeeze with cement to have 50' outside csg. Spot an additional 50' cement inside csg. Estimated TOC @1,660' tag plug to verify.
- 10. Perforate 4-1/2" csg at 465' (50' below 10-3/4" csg shoe) and then squeeze with cement to have 100' outside csg. Spot cmt inside csg to surface.
- 11. ND BOP. Cut off 4-1/2", 7-5/8", and 10-3/4" 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: 505-391-1462

Cell: 505-631-4942

Production Foreman

Steve Serna

Office: 505-391-1462 Cell: 505-390-9053 Asset Manager

Charlie Robinson Office: 405-879-8522 Cell: 405-213-5343

Field Engineer

Doug Rubick

Office: 505-391-1462 Cell: 505-441-7326

## **Current Wellbore Schematic**



## **KEMNITZ UNIT 6**

Field:

**HUME QUEEN** 

County: LEA
State: NEW MEXICO
Elevation: GL 4,090.00
KB Height: 12.00

KB 4,102.00

Location: SEC 22, 16S-34E, 660 FSL & 660 FWL

Spud Date: 2/15/1964 Initial Compl. Date: API #: 3002520603 CHK Property #: 891023 1st Prod Date: PBTD: Original Hole - 10846.0 TD: 10,860.0

Report Printed: 11/6/2007

Well Config: - Original Holo, 11/6/2007 2:32:32 PM Schematic - Actual		Well History Date   Event	
The contract of the contract o	Schometta - Astaci	4/20/1964	PERF @ 10734'-746' w/ 4 jspf. ACDZ w/ 1000 gal.
THE TRACE DESCRIPTION OF THE PROPERTY OF THE P		7/18/1980 7/19/1980	Cut 4 1/2" csg @ 5000'. Spot 25sx class H plug @ 5039'-4937'. Spot 50 sx plug @
Original Hole, 12 1/4, 12, 415		7/22/1980	4597'-4434'. CIBP @ 4325' w/ 16' cmt cap. PERF Ponrose Queen @ 4038'-54' w/ 4
10 3/4" Surf Csg, 415		7/24/1980	
Cmt w/ 400 sx. Circ, 415		7/29/1980	FRAC w/ 20000 gal WG-11 and 9000# 20/40 & 28000# 10/20 sd.
Original Hole, 8 3/4, 415, 4,350 TOC by Vol Calc, 2,400  Perfs @ 4038'-54' are behind 4		9/19/1980	Set 5 sx plug on CIBP, set plug #1 @ 4100'-4000' w/ 20 sx Class C w/ 2 % CaCl, set plug #2 @ 1600'-1560' w/ 20 sx class C w/ 2% CaCl, set plug #3 @ 100' to surf w/ 20 sx class C w/
1/2" csg., 4,038	4,038, 4,054, 7/22/1980	8/1/1981	2% CaCl. Sol dry hole marker. P&A'd well.  Note: Orig perfs @ 10734'-746' were sqzd below a rotainer set @ 10622' w/ 150 sx "H". Drilled out plugs to top of 4 1/2" csg stub @ 4998'.  Drossed off top of 4 1/2" csg stub
		3/8/1995	and circ hole clean. Ran 4 1/2" 10.5# csg w/ Bowen csg patch & tied into 4 1/2" csg stub. PERF @ 10734'-738'. ACDZ w/ 500 gal 15% Ne acid. ACDZ 10734'-738' w/ 1500 gal 15%
		9/29/1997	acid. PERF @ 10716'-726', 20 holes.
7 5/8" Int Csg, 4,530		6/29/2006	ACDZ w/ 1500 gal 15% acid. Tubing - Production set at
Cmt w/ 450 sx, 4,530		10/2/2007	10,796.0ftKB on 6/29/2006 00:00 TOH w/ rods, pump & tbg.
		10/4/2007	Tubing - Production set at <set Depth?&gt;ftKB on 10/4/2007 00:00</set 
Cut off 4 1/5" Csg. Tie back in and cmt w/ 400 sx, 5,000		10/4/2007	CIBP @ 10600' w/ 2 sx cmt. Woll TA'd
Original Hole, 6 3/4, 4,350, 10,860			
	10,716, 10,726, 9/29/1997		
	10,734, 10,738, 8/1/1981	:	
PBTD, 10,846			
Cmt w/ 400 sx, 10,857 4 1/2" Prod Csg, 10,857			
TD, 10,860, 4/15/1964			

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