

Submit 1 Copy 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
October 13, 2009

OIL CONSERVATION DIVISION
1220 South 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 PROPOSALS.)		WELL API NO. 30-015-39246 ✓
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator Chesapeake Operating, Inc. ✓		6. State Oil & Gas Lease No.
3. Address of Operator P.O. Box 18496 Oklahoma City, OK 73154		7. Lease Name or Unit Agreement Name BIG SINKS 2 24 30 STATE ✓
4. Well Location Unit Letter E : 1980' feet from the North line and 200 feet from the West line Section 2 Township 24 S Range 30E NMPM County Eddy		8. Well Number 1H ✓
		9. OGRID Number 147179 ✓
		10. Pool name or Wildcat WILDCAT; BONE SPRING ✓
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3485' GL		

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: Change Inter Casing Setting Depth ☒		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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Chesapeake respectfully request to deepen the setting depth of the intermediate string of casing to 4200'.
This is to ensure that we drill down through and below the salt section to set intermediate.
Original plans were to set casing at 4130'.



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. Regulatory Compl. Sp.

DATE 08/11/2011

Type or print name Bryan Arrant

E-mail address: bryan.arrant@chk.com

PHONE: (405)935-3782

For State Use Only

APPROVED BY:

Donald May

TITLE Field Supervisor

DATE 8-23-11

Conditions of Approval (if any):

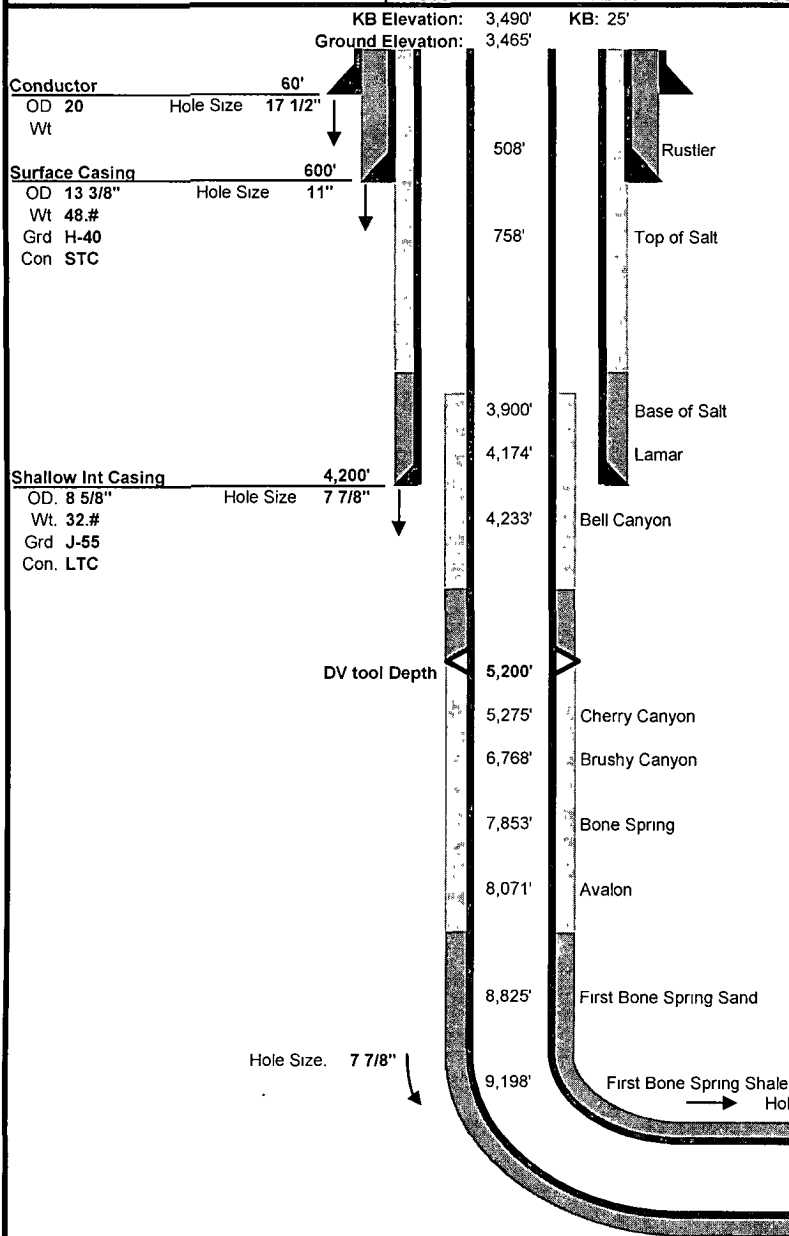
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Drilling Engineer: Chrs Gray
Superintendent: Cecil Luttrull
Geologist: Carl Standley

Well Name: Big Sinks 2-24-30 State 1H
Target: First Bone Spring Shale
County, State: Eddy, NM
Surface Location: 1980' FNL 200' FWL, Section 2, Township 24S, Range 30 E
BH Location: 1980' FNL 100' FEL, Section 2, Township 24S, Range 30 E
SHL Latitude: 32 248665
SHL Longitude: -103 859599
BHL Latitude: 32 24870953
BHL Longitude: -103 8432774
Coordinates: NAD 83

Drilling Rig: Patterson 62
Directional-Surface: Ryan
Directional-Curve: Ryan
Directional-Lateral: Ryan
Drilling Mud: Nova
Cement: Schlumberger
Wellhead: Sunbelt
Property Number: 639413
AFE Number: 156966



Wellhead Equipment	
A Section	13-3/8" x 11" 5K SOW
B Section	11" 5K X 11" 5K
C Section	11" 5K X 7-1/16" 10K
D Section	N/A
Required BOP Stack	11" 5K- Double, Annular, Rot Head, W/Orbit Valve

Mud				
Depth	Type	Weight	F. Vis	FL
60' - 600'	Spud Mud	8.4 - 8.7	32 - 34	NC - NC
600' - 4,200'	Brine	9.8 - 10.1	28 - 29	NC - NC
4,200' - 8,791'	Cut Brine	8.4 - 9	28 - 30	NC - NC
8,791' - 9,532'	Cut Brine	8.4 - 9	28 - 30	NC - NC
9,532' - 14,197'	Cut Brine	8.4 - 9	28 - 30	NC - NC

Cement							
Slurry	Top	Btm	Wt	Yld	%Exc	Bbl	Sx
Surface							
Single Slurry	17'	600'	13.5	1.73	150	182	589
Shallow Int							
Lead	25'	3,700'	12.0	1.8	150	400	1247
Tail	3,700'	4,200'	14.2	1.37	150	59	243
Production							
1st Lead	5,200'	8,600'	12.4	2.09	75	184	493
1st Tail	8,600'	14,197'	14.5	1.24	75	304	1378
2nd Lead	3,700'	4,950'	12.4	2.19	200	85	218
2nd Tail	4,950'	5,200'	14.8	1.33	200	23	98

Type	Logs	Interval	Vendor
Mudlog	Mudlog	Int Csg to TD	Suttles
OH	Triple Combo (Dual Induction)	Curve to Int Csg	TBD
LWD	MWD/Gamma	Curve/Lateral	Ryan

Directional Plan						
Target Line:	9260' TVD w/89 deg inclination					
Target Window:	20' above and 20' below					
	MD	INC	AZM	TVD	VS	DLS
KOP	8,791'	0.00	0.00	8,791'	0'	0.00
EOB	9,532'	89.00	89.56	9,268'	469'	12.00
TD	14,110'	89.00	89.56	9,348'	5,046'	0.00
Hardlines:	Lateral- 330' from all lease lines. Vertical- Actual Lease Lines					
Notes:	Please note SHL and BHL distance from lease lines					