

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
May 27, 2004

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. 30-015-26582
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator Chesapeake Operating Inc.		6. State Oil & Gas Lease No.
3. Address of Operator P.O. Box 11050 Midland, TX 79702-8050		7. Lease Name or Unit Agreement Name Pecos Irrigation Co. A
4. Well Location Unit Letter <u>G</u> : 2310 feet from the <u>North</u> line and <u>1980</u> feet from the <u>East</u> line Section <u>10</u> Township <u>23S</u> Range <u>28E</u> NMPM County <u>Eddy</u>		8. Well Number <u>2</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3002 GR		9. OGRID Number <u>147179</u>
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>		
Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____		
Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____		

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

OTHER: Work Over ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

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.

Chesapeake, respectfully, request permission to Work Over this well per the attached procedure.

RECEIVED

APR 21 2006

OCU-ARTESIA

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☒.

SIGNATURE Shay Stricklin TITLE Production/Regulatory Asst. DATE 04/19/2006

Type or print name Shay Stricklin E-mail address: sstricklin@chkenergy.com Telephone No. (432)687-2992
For State Use Only District II Supervisor

APPROVED BY: District II Supervisor DATE APR 24 2006
Conditions of Approval (if any):

**Pecos Irrigation Co. A #2
Workover Procedure
Eddy County, New Mexico**

April 17, 2006

GENERAL INFORMATION

Location: 2310' FNL & 1980' FEL, Sec 10 – T23S – R28E
API No.: 30-015-26582

WELL INFORMATION

<u>String OD</u>	<u>Weight & Grade</u>	<u>Depth</u>	<u>ID</u>	<u>Drift</u>	<u>Burst</u>	<u>TOC</u>
8-5/8"	24# K55	0' - 518'	8.097"	7.972"	2950	0'
5 -1/2"	14/15.5# K55	0' - 6242'	4.950"	4.825"	4270	0'

Brushy Canyon "C" (Delaware) perms: 6082 – 84'; 6092 – 6116'

Proposed Brushy Canyon "D" perms: 6140 – 50'

TD/PBTD: 5710' / 5660'

PROCEDURE:

1. MIRU Service Rig and requisite equipment. NU BOP. RIH with 4-3/4" bit and collars on 2-7/8" N80 tubing. Drill up CIBP at 6000' and push to PBTD 6200.
2. RU Wireline Service Co. Perforate the Delaware via casing gun from 6140 – 50' w/ 4 SPF (41 holes), 90 degree phasing, 23 gram charge, .37" hole. Correlate to OH Neutron/Density log dated 1/29/91.
3. RIH w/ 5-1/2" packer, SN, and tubing. Swing packer at 6150'. Spot 200 gal of 15% NEFE Acid. Pull packer to 6130', reverse excess acid into tubing. Set packer. ND BOP, NU tree. Establish rate with 2% KCL water. Break down zone with an additional 1000 gal of same acid. Treat at rates approaching 4 to 5 BPM. Displace to perms with 2% KCL. Max pressure 6000#. Launch 50 ball sealers during job. Note ISIP, 15, 10, and 5 minute pressure. If zone communicates with upper zone, pull packer to ~ 6050'. Test backside to 1000#. Bullhead 2000 gal of same acid into zones. Pump a 750# slug of rock salt as a diverter after 1000 gallons. Displace to perms with 2% KCL water.
4. RIH w/ MA, PS, SN, TAC (at ~ 5900') and 2-7/8" tubing. Space out and land with SN at ~6160'.
5. ND BOP, NU wellhead. Swab well in to clean up.
6. RIH w/ 1-1/4" pump and 76 tapered Grade D rod string. Run pump, 154 – 3/4", and 91 – 7/8". Space out/seat pump. Load and test. RDMO PU.
7. Set 228 pumping unit and PWOP at 6 SPM.