

Submit 1 Copy To Appropriate District  
Office  
District I - (575) 393-6161  
1625 N. French Dr., Hobbs, NM 88240  
District II - (575) 748-1283  
811 S. First St., Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV - (505) 476-3460  
1220 S. St. Francis Dr., Santa Fe, NM  
87505

State of New Mexico  
Minerals and Natural Resources  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505  
RECEIVED  
AUG 11 2014

Form C-103  
Revised July 18, 2013

WELL API NO. 30-025-36622	
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No. VO-5542	
7. Lease Name or Unit Agreement Name Cash-BNF State Com	
8. Well Number 2	
9. OGRID Number 025575	
10. Pool name or Wildcat X-4 Ranch; Morrow, West	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4,209'	

**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 ☐

2. Name of Operator  
Yates Petroleum Corporation

3. Address of Operator  
105 South Fourth Street, Artesia, NM 88210

4. Well Location  
Unit Letter F : 1500 feet from the North line and 1340 feet from the West line  
Section 18 Township 10S Range 34E NMPM Lea County

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>	PLEASE SEE ATTACHED <input checked="" type="checkbox"/>	OTHER: <input type="checkbox"/>	

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.

Yates Petroleum Corporation plans to repair the casing on this well as follows:

1. NU BOP. TOH with open ended tubing. Tag on top of fish and POOH. Continue with fishing operations as necessary to fish remaining tubing and packer out.
2. Make a bit and scraper run to 12,000'. Run an Imaging Caliper Log to inspect casing integrity from 6,000' to surface. Determine whether casing should be cut from above TOC and replaced with new casing or if casing damage can be repaired by a squeeze job.
3. If casing is to be repaired by a squeeze job, set a composite plug at least 50' below the squeeze interval making sure to set it in good casing below 5,000'. Set packer just above plug and test plug to 2000 psi. Release packer and pick up to 50' above squeeze interval. Test backside to 2000 psi for 30 min (record test on 3000 psi, 1 hour chart).

**CONTINUED ON NEXT PAGE:**

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 Laura Watts TITLE Regulatory Reporting Technician DATE August 8, 2014

Type or print name Laura Watts E-mail address: laura@yatespetroleum.com PHONE: 575-748-4272


**For State Use Only**

APPROVED BY: Malcolm Brown TITLE Dist Supervisor DATE 8/11/2014  
Conditions of Approval (if any)

AUG 11 2014

**Form C-103 continued:**

4. Open intermediate casing at surface and attempt to establish circulation. Release packer and TOOH. Set a composite cement retainer 50' above squeeze interval. Squeeze damaged casing and lift cement up to at least 3,000'. Sting out of retainer, reverse tubing clean and POOH to WOC.
5. Drill out cement retainer and cement, pressure test casing to 2,000 psi. Drill out composite plug and circulate clean. POOH.
6. TIH with production packer to 11,961'. Swab the well back on and return to production.

  
\_\_\_\_\_  
Regulatory Reporting Technician  
August 8, 2014



ARTESIA PETROLEUM CORPORATION  
105 SOUTH FOURTH STREET  
ARTESIA, NEW MEXICO 88210  
TELEPHONE (505) 748-1471

Cash BNF State Com #2  
1500' FNL & 1340' FWL  
Sec. 18-10S-34E  
Lea County, New Mexico  
API # 30-025-36622

Workover Procedure  
AFE # 14-178-0

5/2/81  
8/1/81

**Executive Summary:**

Fish parted tubing and packer, repair casing and return to production.

TD: 12,550'  
PBTD: 12,466'  
GR: 4,209'  
KB: 4,229'

Surface Casing: 13 3/8" 48# csg at 427'. Cemented with 420 sx. Cement circulated.  
Intermediate Casing: 9 5/8" 36# & 40# csg at 4,084'. Cemented with 1420 sx. Cement circulated.  
Production Casing: 5 1/2" 17# csg at 12,550'. Cemented with 2580 sx. TOC at 5,000' by CBL.

**Workover Procedure:**

1. MIRU well service unit and NU BOP. TOH with open ended tubing. RIH with impression block, tag on top of fish and POOH. Continue with fishing operations as necessary to fish remaining tubing and packer out.
2. After completing fishing operations, make a bit and scraper run to 12,000'. POOH w/ bit and scraper. RU WL to run an Imaging Caliper Log to inspect casing integrity from 6,000' to surface. Determine whether casing should be cut from above TOC and replaced with new casing or if casing damage can be repaired by a squeeze job.
3. If the casing is to be repaired by a squeeze job then set a composite plug at least 50' below the squeeze interval, making sure to set it in good casing below 5,000'. RIH with packer, set packer just above plug and test plug to 2000 psi. Release packer and pick up to 50' above squeeze interval. Test backside to 2000 psi for 30 min (record test on 3000 psi, 1 hour chart).
4. Open intermediate casing at surface and attempt to establish circulation. Release packer and POOH. TIH with a composite cement retainer and set 50' above squeeze interval. Squeeze damaged casing and lift cement up to at least 3,000'. Sting out of retainer, reverse tbg clean and POOH to WOC.

5. TIH with 4 3/4" bit and collars. Drill out cement retainer and cement, then pressure test casing to 2,000 psi. Drill out composite plug and circulate clean. POOH.
6. TIH with production packer to 11,961'. Swab the well back on and return to production.

Engineer: Brice A. Letcher Date: 8/17/14 JWP 8/7/14  
Brice A. Letcher

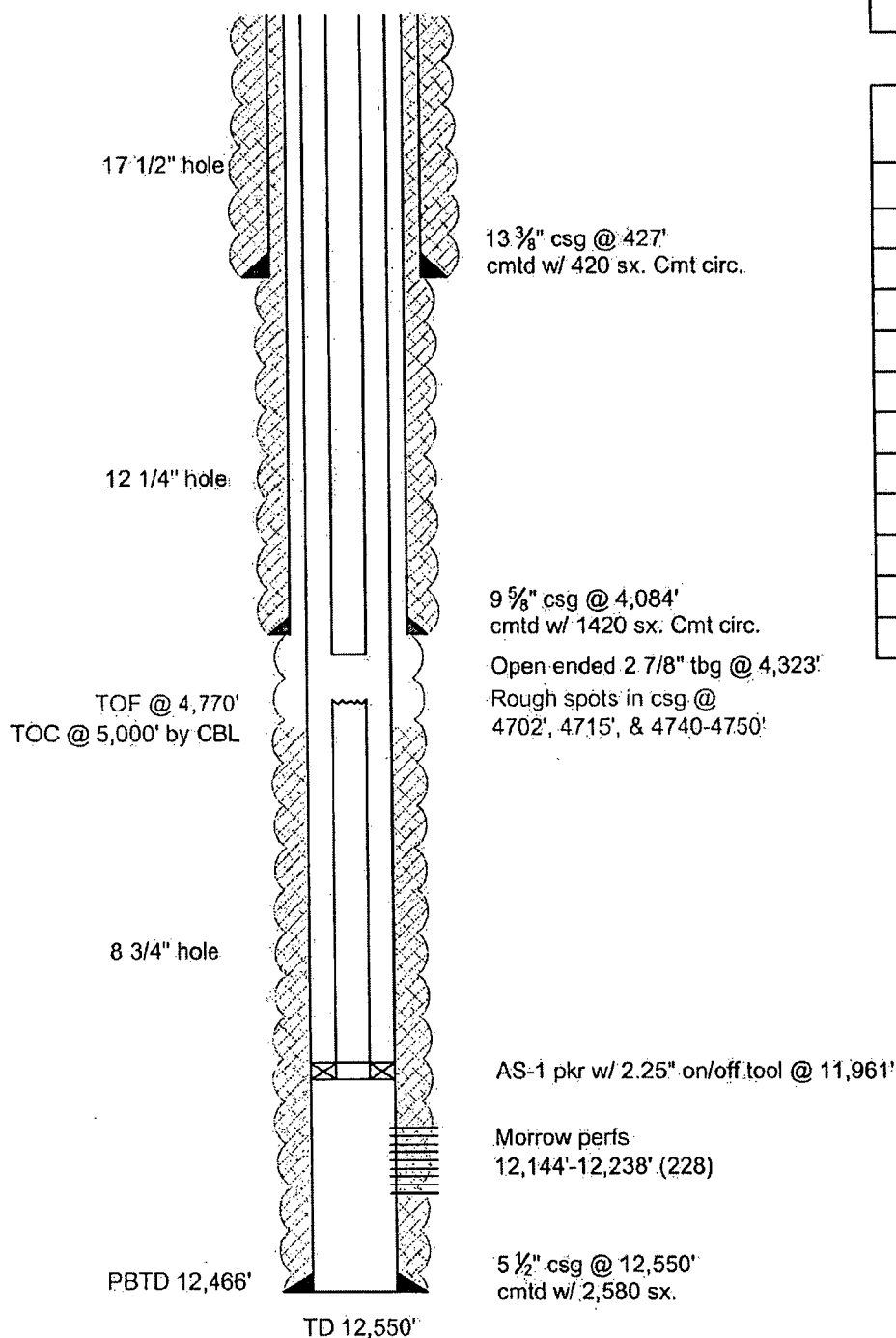
CC: Master File

Well Name: Cash BNF State Com #2 Field: \_\_\_\_\_  
 Location: 1500' FNL & 1340' FWL Sec 18-10S-34E  
 County: Eddy State: New Mexico  
 GL: 4,209' Zero: \_\_\_\_\_ KB: 4,229'  
 Spud Date: 4/4/2004 Completion Date: 7/22/2004  
 Comments: API # 30-025-36622

Casing Program	
Size/Wt/Grade	Depth Set
13 3/8" 48# H-40	427'
9 5/8" 36# & 40# J-55	4,084'
5 1/2" 17# J-55, L-80 & HCP-110	12,550'

Tops of Formations	
Formation	Top
Rustler	2,040'
Yates	2,708'
San Andres	3,962'
Glorieta	5,410'
Tubb	6,898'
Abo	7,738'
Wolfcamp	8,980'
Atoka Shale	11,436'
Morrow	12,004'
Austin	12,240'
Lower Mississippian Lime	12,386'

**BEFORE**



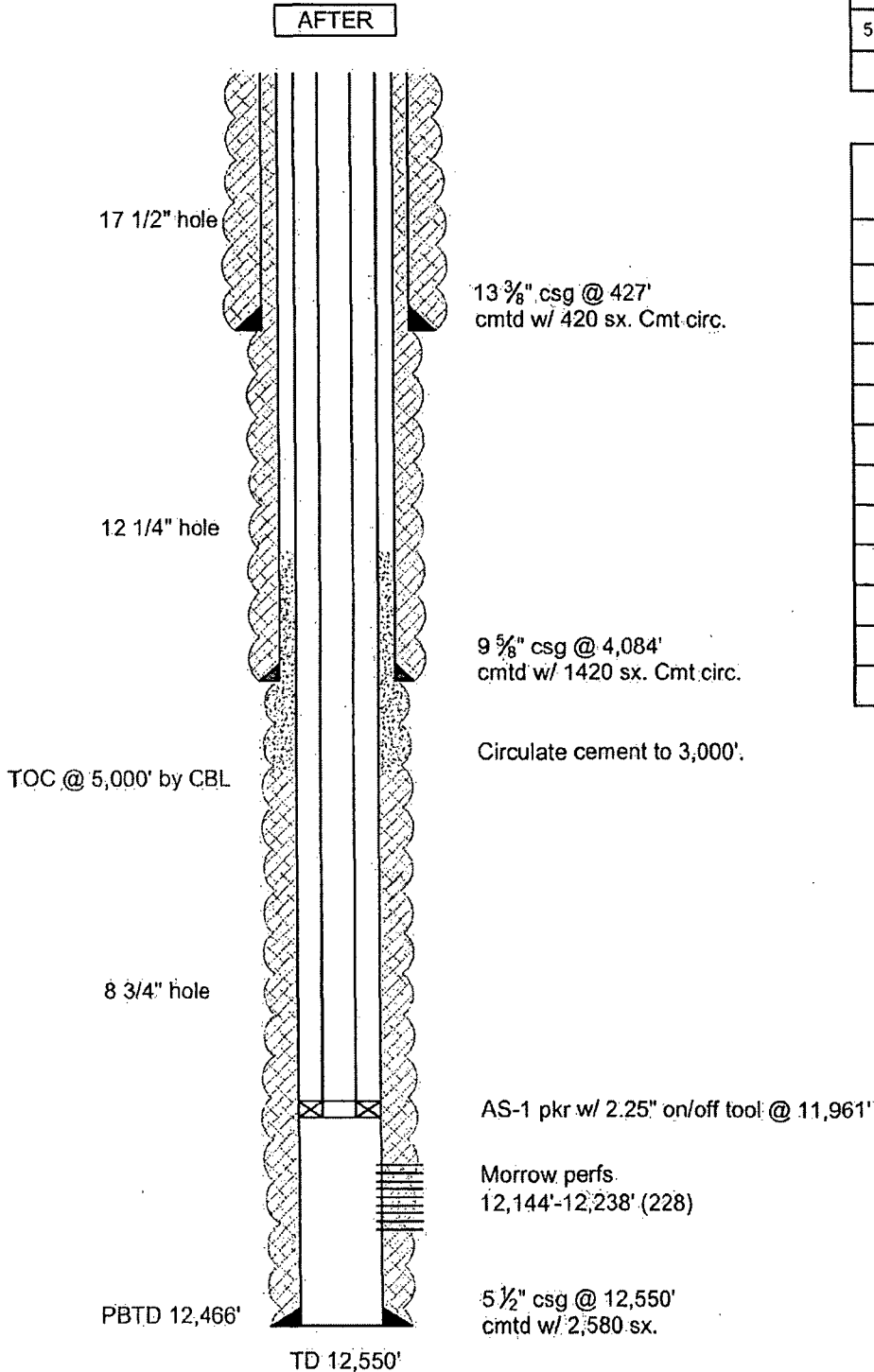
SKETCH NOT TO SCALE

DATE: 8/6/2014

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