

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

WELL API NO.

30-015-37551

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

VO-7679

7. Lease Name or Unit Agreement Name

Bebop BPE State

8. Well Number

1H

9. OGRID Number

025575

10. Pool name or Wildcat

Wildcat; Bone Spring

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

Surface D : 660 feet from the North line and 330 feet from the West line
BHL M : 391 feet from the South line and 650 feet from the West line
Section 36 Township 25S Range 31E NMPM Eddy County

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

3313'GR

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 ☐
DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

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

OTHER: ☐

OTHER: Completion Operations ☒

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.

4/20/11 - NU BOP.

4/21/11 - RIH with bit and tagged up at 5945'. RU swivel and drilled down to 5955' and circulated 100 bbls. TIH with scraper and cleaned DV tool. Tested to 3000 psi for 30 min, tested good.

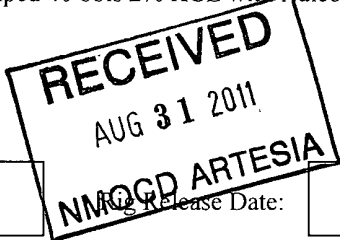
4/24/11 - Put 1000 psi on casing. Started logging to surface.

4/25/11 - Tagged cement at 12,577'. Drilled out to 12,633' and tagged float collar. Pickled down tubing, pumped 500g Zylene and 1200g 15% HCL acid. Flushed with fresh water. Spotted 2500g 7-1/2% double inhibited HCL acid at 9764'.

4/26/11 - Pumped 5 bbls 7-1/2% HCL acid into formation at 12,633'. Perforated Bone Spring 12,660', 12,532', 12,404' and 12,276'.

Pumped 60 bbls fresh water down casing. Pumped 40 bbls 2% KCL with Nalco Chem EC-1385-A at 12,244'. Circulated hole with 300 bbls 2% KCL with EC-1385-A.

4/27/11 - ND BOP.



CONTINUED ON NEXT PAGE:

Spud Date:

1/31/11

Log Release Date:

4/19/11

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

SIGNATURE Tina Huerta TITLE Regulatory Compliance Supervisor DATE August 29, 2011

Type or print name Tina Huerta E-mail address: tinah@yatespetroleum.com PHONE: 575-748-4168

For State Use Only

APPROVED BY: T.C. Shepard TITLE Geologist DATE OCT 11 2011

Conditions of Approval (if any):

Form C-103 continued:

6/13/11 – Acidized with 2500g 7-1/2% HCL acid ahead of frac. Frac with slick water, 25# linear gel, 30# borate XL, 6534 bbls fluid, 15,000# 100 mesh sand, 67,000# 30/50 white sand, 129,000# 20/40 white sand, 34,500# 20/40 RCS. Spotted 2500g 7-1/2% HCL acid at 12,148'. Set a flow through plug at 12,212'. Perforated Bone Spring 12,148' (12), 12,020' (12), 11,892' (12) and 11,764' (12). Acidized with 2500g 7-1/2% HCL acid ahead of frac. Frac with slick water, 25# linear gel, 30# borate XL, 6956 bbls fluid, 15,036# 100 mesh sand, 71,995# 30/50 white sand, 118,089# 20/40 white sand, 57,741# 20/40 RCS. Spotted 2500g 7-1/2% HCL acid at 11,636'. Set flow through plug at 11,700'. Perforated Bone Spring 11,636' (12), 11,508' (12), 11,380' (12) and 11,252' (12). Acidized with 2500g 7-1/2% HCL acid ahead of frac. Frac with slick water, 25# linear gel, 30# and 25# borate XL, 6283 bbls fluid, 15,636# 100 mesh, 64,721# 30/50 white sand, 104,391# 20/40 white sand, 36,885# 20/40 RCS.

6/15/11 – Pumped down 5-1/2" 17# casing at 10 BPM. Pressure increased from 250 psi to 7000 psi instantly. Started breaking when shutting down. Tried pumping at 5 BPM. Unable to pump in at 5 BPM. Pumped in at 2 BPM at 6300 psi. Worked pressure and rate up and down letting sand slowly itch out. Pumped a total of 149 bbls at 2-3 BPM. Slowly pressured up to 7100 psi. Let pressure drop to 5000 psi.

6/16/11 – Spearhead 2000g 7-1/2% HCL acid ahead to attempt to open perforations for pump down. Pumped 32 bbls fluid at 17 BPM and pressured up to 7000 psi. Pumped down casing at 2 BPM at 5600 psi. Pumped a total of 316 bbls. When acid on bottom perf at 11,636' pressured dropped from 5600 psi to 3800 psi. Pumped in at 10 BPM at 4800 psi until acid was displaced past bottom perf at 11,636'. Pressure increased to 7000 psi. Flowed back total of 400 bbls fluid with good gas. Pumped 5000g 7-1/2% HCL acid. Displaced with 270 bbls fluid. When acid started into perfs 11,252'-11,636' pressure decreased from 5200 psi to 3800 psi at 26 BPM. Dropped rate down to 11.5 BPM at 2580 psi. Spotted 2500g 7-1/2% HCL acid at 11,124'. Set a flow through plug at 11,188'. Perforated Bone Spring 11,124' (12), 10,996' (12), 10,868' (12) and 10,740' (12). Frac with slick water, 25# linear gel, 25# borate XL, 6076 bbls fluid, 12,135# 100 mesh sand, 47,237# 30/50 white sand, 93,946# 20/40 white sand, 41,085# 20/40 RCS.

6/17/11 – Pumped into perfs 10,740'-11,124' with 4000g 7-1/2% HCL acid. Pumped a total of 270 bbls fluid at 2-3 BPM at 5800-7200 psi. When acid on perfs, pumped in at 4 BPM at 6800 psi. Pumped 3000g 7-1/2% HCL acid at 2 BPM at 7200 psi. When acid on pump in at 6 BPM at 5600 psi. Pumped in at 7 BPM at 4800 psi for 12 min. Flowed another 100 bbls fluid back. Pumped 5000g 7-1/2% HCL acid at 9400' with 2 BPM at 7000 psi. When acid on perfs at 11,124', broke back to 19 BPM at 6800 psi. Dropped down to 7 BPM at 4900 psi. Pumped for 6 min. Pumped plug and guns down at 7 BPM at 5000 psi. Plug and guns pumping in at 60 to 100'/min.

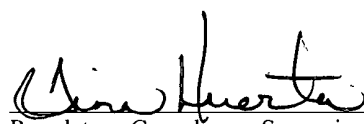
6/18/11 – Circulated down to 10,150' and started circulating medium amounts of sand from 10,150'-11,162' and tagged plug. Circulated hole clean.

6/19/11 – Pumped down 5-1/2" 17# casing and into perfs 10,740'-11,124' at 12 BPM at 6700 psi. Pumped 5000g 7-1/2% HCL acid into perfs. Dropped down with rate to 6.5 BPM at 5600 psi. Unable to get high enough rate at a low enough pressure to pump plug and guns down.

6/20/11 – Set 5-1/2" 17# plug and setting tool on 2" coil tubing to a depth of 10,676'. Dropped 1/2" ball and pumped 90 bbls behind ball. Spotted 1000g 7-1/2% HCL inhibitor acid from 10,640'-9610'. TOH with coil tubing and setting tool. Perforated Bone Spring 10,612' (12).

6/21/11 – Pumped slick water down 5-1/2" 17# casing and into perfs 10,612' at 8 BPM at 950 psi. Pumped 100 bbls fluid at this rate. Pumped a 4.65" GR and guns down at 12 BPM at 2000 psi to a depth of 9000' and guns stopped moving at this point. Pumped down again and stopped at 9000'. GR had several inches of sand. Pumped down to clear casing. Pumped 25# linear gel at 28 BPM at 42 psi. Pumped 300 bbls fluid. Pumped GR and guns down at 12 BPM at 2000 psi. Acidized 10,612' with 2500g 7-1/2% HCL at 20 BPM bringing rate up to 38 BPM at 7000 psi. Set a wooden plug in bottom of flow through composite plug. TIH with plugged flow through composite plug and set at 4500'. Well stopped flowing from around wellhead. Set 2nd 5-1/2" 17# composite plug at 4200' for insurance to control well.

6/23/11 – Pumped 260 bbls fresh water down 5-1/2" 17# casing and out of bradenhead. After pumping 5 bbls fluid, acid started circulating to flow back tank. Circulated hole clean.


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August 29, 2011

Form C-103 continued:

6/27/11 – Pumped 5 sx sand down 2-7/8” tubing and let settle out on bridge plug at 4200’ (35’ sand). 5-1/2” casing held 1000 psi from 1247’ up to surface.

6/28/11 – Hole in casing at 1248’. 5-1/2” casing above 1248’ and below 1248’ tested good.

6/29/11 – Circulated hole with 100 bbls fluid to make sure no acid was left in the hole.

6/30/11 – Shoot collars at 1400’, backoff at 1400’. TOH with 29 jts 5-1/2” casing and located holes in casing. Holes had been shot in casing by TCP guns.

7/4/11 – TIH with 33 jts 5-1/2” 17# P-110 casing with collar on bottom of first jt. Tagged at 1400’. Screwed into 5-1/2” casing – pin looking up and torque casing string to make sure string was made up completely. Tested 5-1/2” casing from 4165’ to surface to 3000 psi and held good for 15 min. ND BOP.

7/6/11 – Drilled plug at 4200’ in 10 min. Drilled plug at 4500’ in 26 min. Drilled plug at 10,676’ in 28 min. Drilled plug at 11,188’ in 41 min. Drilled plug at 11,700’ in 28 min. Drilled plug at 12,212’ in 24 min. Circulated clean down to 12,670’.

7/28/11 – Cleaned well out to 11,413’. Pumped 40 bbls down tubing.

8/1/11 – Pumped 40 bbls down casing. Set 5-1/2” Halliburton flow through plug at 10,676’. Dropped 1.742” ball. Circulated 75 bbls. Tested casing to 4000 psi for 30 min, good. Circulated 200 bbls.

8/2/11 – Perforated Bone Spring 10,612’ (12), 10,484’ (12), 10,356’ (12) and 10,228’ (12).

8/12/11 – Acidized with 2500g 7-1/2% HCL acid ahead of frac. Pumped another 2000g 7-1/2% HCL acid. Pumped another 6000g 7-1/2% HCL. Frac with slick water, 25# linear gel, 25# borate XL, 6493 bbls fluid, 13,941# 100 mesh sand, 69,770# 40/70 white sand, 39,818# 20/40 white sand, 26,726# 20/40 white sand. Spotted 2500g 7-1/2% HCL acid at 10,100’. Set flow through plug at 10,164’.

Perforated Bone Spring 10,100’ (12), 9972’ (12), 9844’ (12) and 9716’ (12). Acidized with 2500g 7-1/2% HCL acid ahead of frac. Frac with slick water, 25# linear gel, 25# borate XL, 6579 bbls fluid, 14,899# 100 mesh sand, 57,286# 20/40 white sand, 77,841# 20/40 white sand, 91,154# 20/40 white sand. Spotted 2500g 7-1/2% HCL acid at 9588’. Set flow through plug at 9652’. Perforated Bone Spring 9588’ (12), 9460’ (12), 9332’ (12) and 9204’ (12). Acidized with 2730g 7-1/2% HCL acid. Frac with slick water, 15,997# 100 mesh, 210,820# 20/40 Jordan-Unimin, 68,220# 20/40 Jordan-Unimin. Drilled out plug at 9659’ in 16 min. Drilled out plug at 10,164’ in 25 min. Drilled out plug at 10,659’ in 17 min. Cleaned out to PBD 12,675’. Drilled out all flow through plugs.

8/22/11 – RIH with GR/JB to 8300’. Set AS-1 packer with 2.25” F profile at 8100’.

8/23/11 – Set 2-7/8” 6.4# L-80 tubing at 8104’.

Wellbore Schematic Attached


Regulatory Compliance Supervisor
August 29, 2011

WELL NAME: Bebop BPE St #1H FIELD

LOCATION: Unit D, 660' FNL and 330' FWL (Surf) Sec 36-25S-31E Eddy County

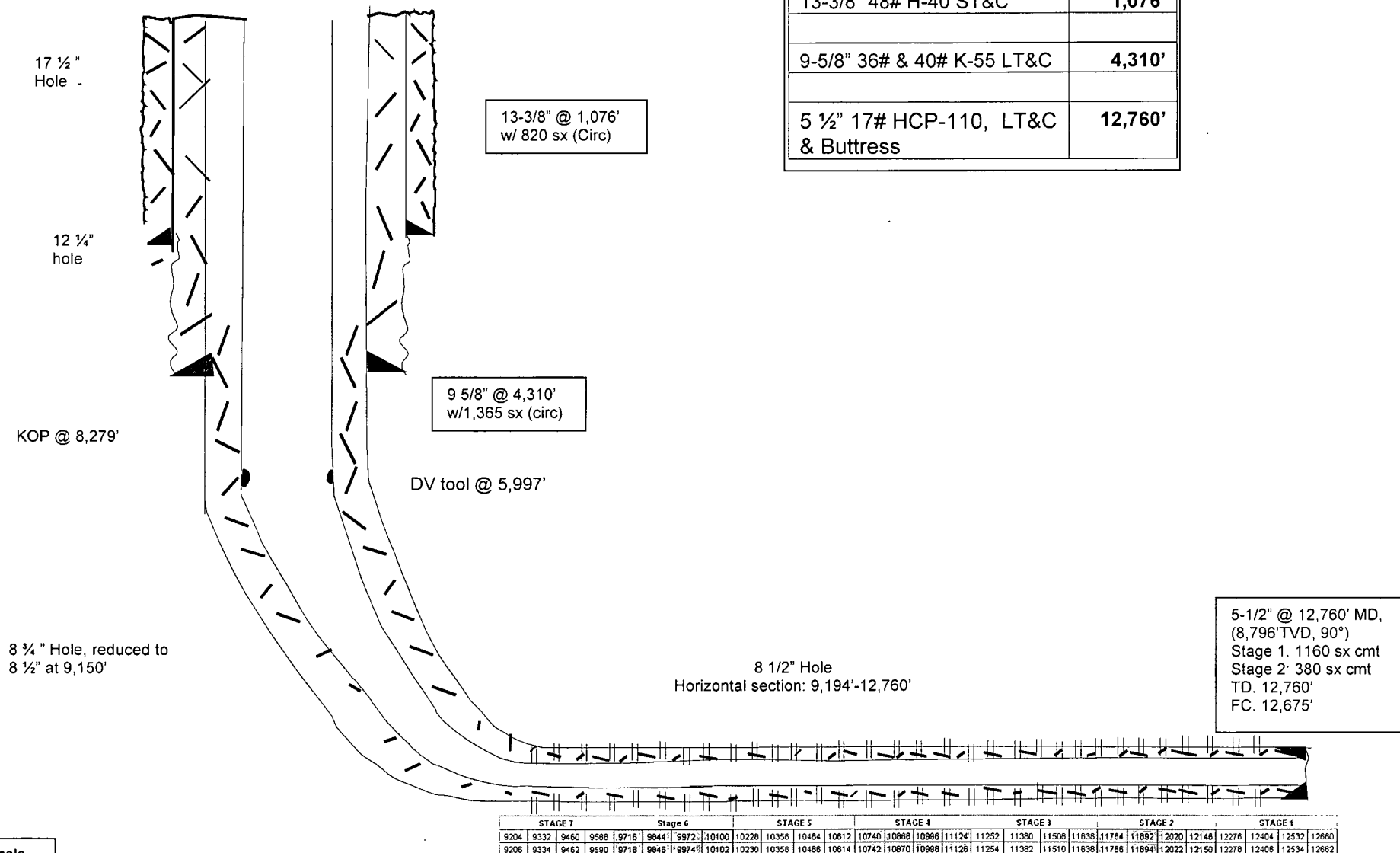
GL: 3,313' ZERO: KB: 3,334.6'

SPUD DATE: 3/15/11 COMPLETION DATE:

COMMENTS: API No.: 30-015-37551

CASING PROGRAM

13-3/8" 48# H-40 ST&C	1,076'
9-5/8" 36# & 40# K-55 LT&C	4,310'
5 1/2" 17# HCP-110, LT&C & Butress	12,760'



Not to Scale
4/15/11
MMFH