

District I

1625 N. French Dr., Hobbs, NM 88240

District II

811 South First, 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 ResourcesOIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103

Revised March 25, 1999

WELL API NO.
30-015-33702

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name:

Spurck 16 State

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 Drilling Company

RECEIVED

3. Address of Operator

JUN 01 2005

OCD-ARTESIA

105 South 4th St., Artesia, NM 88210

4. Well Location

Unit Letter D : 660' feet from the North line and 330 feet from the West lineSection 16 Township 17S Range 28E NMPM Eddy County

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

3549'

8. Well No.

4

9. Pool name or Wildcat

Undes Red Lake Shores Glorieta

Yeso

11. 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. ☐PLUG AND ABANDONMENT ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETION ☐CASING TEST AND CEMENT JOB ☐

OTHER:

☐

OTHER: Perf, Acid, Cement Squeeze

☒

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.

See attachment.

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

SIGNATURE

Karen J. Leishman

TITLE

Operations TechDATE 5/31/2005

Type or print name

Karen J. Leishman

Telephone No. 505-748-8463

(This space for State use)

JUN 02 2005

APPROVED BY

FOR RECORDS ONLY

DATE

Conditions of approval, if any:

Attachment to Sundry
dated 5/31/2005

Spurck 16 State #4
Section 16-17S-28E
Eddy County, NM
30-015-33702

- 2/16/2005 RIH with 4" perf gun, 1 SPF, .41" holes, as follows;
3378', 3382', 3388', 3392', 3406', 3411', 3416', 3422', 3430', 3434',
3460', 3468', 3483', 3486', 3494', 3500', 3510', 3520', 3522', 3529',
3535', 3538', 3554', 3558', 3570', 3584', 3588', 3598' and 3600'.
- 2/17/2005 Acidized well with 250 gals. 15% HCL acid. Started PPI and acidized
11 holes with 2.5 bbls. acid each. Shut down, fluid leaking around
wellhead. NOTE: Notified Brian Arrant, NMOCD of current operations.
- 2/18/2005 Pressured surface casing to 500 psi, lost 250 psi in 15 mins. RIH with
packer and set at 3350'. Pressure tested 5 1/2" casing to 1000 psi, for 15
mins. Pressure dropped 10 psi in 15 mins.
- 3/1/2005 RU and PPI perfs 3378'-3600' with 3000 gals 15% HCL. Pumped 52
bbls. and noticed fluid entering cellar. Shut down and flushed well with
100 bbls. water and unset packer. Reversed 100 bbls. water to pit. Set
packer and began swabbing.
- 4/21/2005 TIH and set RBP at 2780' and pumped 50' sand on top of RBP. RIH and
perforated 2680'-2684', 1 SPF. RIH and set cement retainer at 2630'.
Pressured tested well to 4000 psi, losing 100 psi/min.
- 4/22/2005 RU and pumped 12 bbls 10% HCL acid to bottom of tubing and set
retainer. Pressured up perfs to 4000 psi and broke down perfs at rate of
2 BPM (1525 psi). Pumped 100 sxs. Class "C" + 7/10% FL-62 + 3/10%
CD-32 (yld 1.33, wt 14.8). Pumped 19 bbls and shut down pump.
Shut in pressure on squeeze 1600 psi.
- 4/23/2005 Drilled out cement retainer and 50' cement. Pressure tested squeezed perfs
to 1000 psi, lost 100 psi/min. RIH with cement retainer and set at 2597'.
Pumped into perfs at rate of 2 BPM, 2200 psi.
- 4/24/2005 Cemented with 150 sxs Class "C" + 7/10% FL-62 + 3/10% CD-32 (yld
1.33, wt 14.8). Pumped 23 bbls cement and 12.5 bbls. flush. Staged and
squeezed 4 times with final squeeze of 3000 psi. Reversed out 50 bbls.
water.
- 4/26/2005 Drilled out cement retainer and cement. Pressure test to 1200 psi for 30
mins, held good.
- 4/27/2005 Pressured casing to 1620 psi for 30 mins., held good. Set RBP at 650' and
dumped 50' sand on top of RBP. Pressure tested RBP to 1000 psi, held
good. Perforated 4' below surface casing shoe at 494', 4 SPF, 4 holes.
- 4/29/2005 Broke down perfs with 6 bbls 15% HCL. Pumped 75 sxs Class "C" + .7%
FL62 + .3% CaCl (yld. 1.33, wt 14.8) and 25 sxs Class "C" + 1% CaCl
(yld 1.33, wt 14.8) tail. Staged with 2 bbls. cement with final SIP 650 psi.
Left 1/2 bbl. cement on perfs.

May 31, 2005
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4/30/2005	Drilled cement out. Pressure tested will to 1600 psi and lost 500 psi per minute.
5/3/2005	Pumped 150 sxs. Class "C" FL-62 + CD-32 + 1% CaCl ₂ . Staged with last 8 bbls. of cement and staged 14 times with last stage at 4000 spi. Bled pressure down to 250 psi and left 2 bbls. on top of perms.
5/4/2005	Tagged cement at 293', drilled cement out to 438'
5/5/2005	Finished drilling out cement and tested casing to 1500 psi for 30 mins., held good. RIH and set packer at 3277'.
5/6/2005	Acidized well with 3500 gals 15% HCL and dropped 70 – 7/8" ball sealers. Flushed well with 57 bbls. water.
5/11/2005	Loaded casing with 28 bbls. water and tested to 600 psi. Pumped 6100 gals. of 20% NEFE acid and 9240 gals. gelled water. Began swabbing well.
5/12/2005	RIH with tubing and began pumping well.