

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

Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-015-20685
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. 307561
7. Lease Name or Unit Agreement Name EMPIRE SOUTH DEEP UNIT
8. Well Number 3
9. OGRID Number 272295
10. Pool name or Wildcat EMPIRE SOUTH (WOLFCAMP)
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3646 GL

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
THREE RIVERS OPERATING COMPANY, LLC.

3. Address of Operator
1122 S. CAPITAL OF TX HWY, SUITE 325, AUSTIN, TX 78746

4. Well Location
Unit Letter **N** : **660** feet from the **SOUTH** line and **1980** feet from the **WEST** line
Section **31** Township **17S** Range **29E** NMPM County **EDDY**

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:

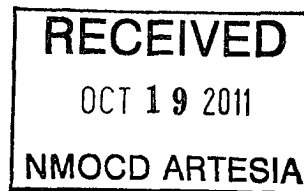
REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐

OTHER: **RECOMPLETE** ☒

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.

9/10/2011 Set CIBP @10570'
9/12/2011 Recomplete in Wolfcamp 8590'-8600'
9/13/2011 Acidize w/500 gals 15% HCL
10/6/2011 Put on pump- 2 3/8" Tbg @ 8665' (EOT)
2"x1.75" pump @ 8566' (S.N.)
Per attached w/o report



Spud Date:

08/22/2011

Rig Release Date:

10/10/2011

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

SIGNATURE

Tom Stratton

TITLE **OPERATIONS MANAGER**

DATE

Type or print name

Tom Stratton

E-mail address:

tstratton@3rn.com

PHONE:

(512)706-9849

For State Use Only

APPROVED BY:

T. C. Shynard

TITLE

Geologist

DATE

OCT 24 2011

Conditions of Approval (if any):

Three Rivers Operating

WJC, Inc.

Midland Tx, 79701

Consulting Services

ESDU #3

Recomplete from Morrow to Wolfcamp

Lee Co., NM

Bill Collier

Company Rep.

Office 685 4171

Cell 559 4005

- 8/22/2011 RU pulling unit. Blow down 5-1/2" X 8-5/8" annulus. SIP = 95 PSI. flowback 44 bbls oil. ND wellhead NU BOP. work to unset pkr 3 -4 hrs. Could not unset pkr or get off O/O tool. SIFN @ 5:30 PM.
- 8/23/2011 RU OK hot oiler and pump 45 bbls hot KCL wtr down csg and pump 100 bbls hot KCL wtr dwn tbg. Both tbg and csg pressured up. Work to release pkr and O/O tool. O/O tool finally released after another hour pkr released. Appears to be a lockset pkr. RU scanner and start scan OOH w/ tbg, pulling wet string. 6 Y; 16 B, 30 G, 6 R. Last 24 jts were green. tbg had condensate after 45 joints & tbg started gassing and bubbling over. SIFN 5:30 PM.
Will finish scanning in AM.
- 8/24/2011 SITP ≈ 40 PSI; Csg = 0 PSI; *8-5/8" X 5.5 annulus 60 PSI* . Swab fluid to tank. Finish scan tbg OOH. 339 total jts.{265 G; 8 R; 53 B; 13 Y} lost pkr on way out . Found Stand valve and bumper stop in tbg. TIH w/ slickline and found pkr @ 1600'. TIH w/ tbg and latch onto pkr. POOH w/ same. TIH w/ slick line and find PBTD 10,875' - 45' below bottom perf. SIFN 6:00 PM.
New tbg delivered in AM.
- 8/25/2011 SITP ≈ 0 PSI; Csg = 0 PSI; *8-5/8" X 5.5 annulus 60 PSI* . Load up green and red tbg. Unload white band (270 jts) tbg on rack. Tally. 344 jts on loc. Pickup csg scraper and TIH to 10,878'. POOH w/ tbg and scraper. Start in hole w/ 5.5 arrowset pkr . SIFN 6:00 PM.
Tomorrow test csg.
- 8/26/2011 SITP ≈ 0 PSI; Csg = 0 PSI; *8-5/8" X 5.5 annulus 60 PSI* . Finish TIH w/pkr and set @ 8685' (below old WLCP perfs). Pressure annulus to 800 PSI - held 10 min. no leak off. Unset pkr and move to 10,653' and set. Rig up to swab. IFL @ 5,000' FS. Make 4 runs and swab dry. Wait 1 hr and make 1 more run. FL @ 10,100'. 500' entry. 100% wtr. SIFN 6:00 PM. SI for weekend.
- 8/29/2011 SITP ≈ 0 PSI; Csg = 0 PSI; *8-5/8" X 5.5 annulus 60 PSI* . Tbg had slight blow. RIH w/ swab and FL @ 10,000'. Start swab 1 run / Hr. no entry and not rec and fluid. Made 8 runs. No entry. No Gas. Unset pkr and TIH w/ stds in derrick and lay down 6 jts. ND BOP and NU wellhead. SIFN 6:00 PM.
- 9/9/2011 SITP ≈ 0 PSI; Csg = 0 PSI; *8-5/8" X 5.5 annulus 100 PSI* . Tbg on vac. RU well service rig. Safety mtg. ND wellhead and NU BOP. POOH w/ tbg and pkr. Secure well. SIFN 6:30 PM.
- 9/10/2011 SITP = 0 PSI; Csg = 0 PSI; *8-5/8" X 5.5 annulus 100 PSI* . Bleed 8-5/8" annulus to tank mostly gas. RU Allied WL and RIH w/ gauge ring to PBTD 10,872'. RIH w/ 5.5" CIBP and set @ 10,670' KB. Attempt to load hole but would not load. Appears CIBP not holding. RIH w/ 2nd CIBP and set @ 10,570'. Load hole w/ 95 bbls of KCL wtr. Load this time. RIH w/ CBL and log 200'; pressure csg to 1,000 PSI and re-run 200' OK - Log well w/ 1,000 PSI on csg. Bond looks good. TOC @ 5,765'. RIH w/ cmt bailer and dump 35' cmt on plug - 2 runs. SIFN 9:30 PM.
Perf on Mon.
- 9/12/2011 SITP = 0 PSI; Csg = 0 PSI; *8-5/8" X 5.5 annulus 10 PSI* . RU Allied WL and perf. 8,590' to 8,600' w/ 2JSPF 22 holes. Run 4 jts and 5.5" treating pkr. RIH and lay down 73 jts. Run remaining tbg. Total 271 jts. in hole. Spot EOT @ 8,604' and pkr @ 8,476'. Secure well. SIFN 4:30 PM.
Acidize w/ 500 Gal petrol 10 15% in AM.

Three Rivers Operating

WJC, Inc.
Midland Tx, 79701

Consulting Services

ESDU #3
Recomplete from Morrow to Wolfcamp
Lee Co., NM

Bill Collier
Company Rep.

Office 685 4171
Cell 559 4005

- 9/13/2011 SITP = sli vac. PSI; Csg = 0 PSI; *8-5/8" X 5.5 annulus 10 PSI* .EOT @ 8,604', RU Petroplex Acid and spot 500 gal 15% Petrol 10; double inhibited over perfs. Pull up 60' w/ EOT @ 8,548' and pkr @ 8,476'. Reverse acid and set pkr. ND BOP and NU wellhead. Pressure acid in form. slowly incr pressure to 2,460 PSI and formation broke. Incr rate but pressure continued to drop to vac. ISIP = Vac. RD Petroplex . Wait 4hrs before swabbing. Make two runs and well kicked off flowing. IFL @ 3,800' ; 1st hr flow rec 6 BO/ 46 BW gassing strong. 2nd hr 950 PSI On 45/64 ck. after 1st hr 100% oil. strong gas 72 BO; flow for 1 hr on 20/64 ck stable @ FT = 650 PSI made 23 BO strong gas. Secure well. SIFN 7:30 PM.
- 9/14/2011 SI 14 hrs SITP = 1,200 PSI; Csg = 0 PSI; *8-5/8" X 5.5 annulus 0 PSI* Release rig Clean loc and RD. Send rig to ESDU #4.

Three Rivers Operating

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Midland Tx, 79701

Consulting Services

ESDU #3
Put on pump
Eddy Co., NM

Bill Collier
Company Rep.
Office 685 4171
Cell 559 4005

- 10/5/2011 Setup and move 456 pumpjack from Doss lease and set at ESDU #3
- 10/6/2011 SITP = 50 PSI; Csg = 0 PSI; Blow well down. Took delivery of 7/8" 3/4" high tensil rods. Set pumpjack yesterday from Doss well. Rig arrived @ 3 PM and rig up. ND wellhead NU BOP. Unset pkr and start POOH w/ tbg and pkr. SIFN @ 6:00 PM
- 10/7/2011 Finish POOH w/ pkr and tbg. PU bottom hole assembly and TIH w/ 3 jts tbg; 1.75 tbg pump bbl; 2 jts tbg; TAC; and 270 jts tbg.. ND BOP and NU wellhead. Determine wellhead to tall for and look for a different wellhead. SIFN @ 5:30 PM
Look for different wellhead parts.
- 10/10/2011 Check wellhead clearance. and decide plenty of room. Set TAC and ND BOP NU wellhead. RIH w/ 1.75" tbg pump, 203 3/4" rods; 136 7/8" rod w/ a 6' and 8' sub. pressure test pump to 1,000 PSI held. Install wellhead and back pressure valve in flowline. Turn on generator and leave pumping to frac tank. 126" stroke @ 9 SPM. SIFN @ 6:30 PM

TBG 2-3/8"
TAC @ 8505' - 269 jts
Pump @ 8566' - 271 jts
EOT @ 3jts below pump 8665'

Rods
a 6' and 8' sub on top
7/8" 136 rods
3/4" 203 rods
2" sub on pump
26' polish rod