

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

HOBBS OCD

OCT 18 2011

RECEIVED

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30-015-20964

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

B-2023-13

7. Lease Name or Unit Agreement Name

EMPIRE SOUTH DEEP UNIT

8. Well Number

4

9. OGRID Number

272295

10. Pool name or Wildcat

EMPIRE SOUTH (WOLFCAMP)

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 G : 2230 feet from the EAST line and 1980 feet from the NORTH lineSection 32 Township 17S Range 29E NMPM County EDDY

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

3583 GL

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

NOTICE OF INTENTION TO:

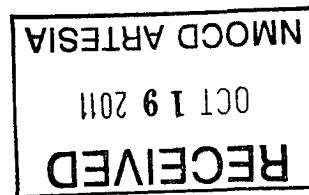
PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐TEMPORARILY ABANDON ☐ CHANGE PLANS ☐PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

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

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.

Returned well to production. Please see attached summary for details.



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

TITLE OPERATIONS ENGINEER

DATE 10/06/11

Type or print name TOM STRATTON

E-mail address: tstratton@3rnr.com

PHONE: 512-706-9849

For State Use Only

OCT 24 2011

APPROVED BY:

TITLE

DATE

Conditions of Approval (if any):

Three Rivers Operating

WJC, Inc.
Midland Tx, 79701

Consulting Services

ESDU #4
Return to prod
Lee Co., NM

Bill Collier
Company Rep.
Office 685 4171
Cell 559 4005

- 8/15/2011 RU pulling unit. Well in down stoke. No elec. Latch onto rods and part @ 1 rod down. Fish rod box and pump stuck. could not work free. Back-off and rec 46 rods. ND wellhead and find tbg parted 18" below head. Could not see fish. SIFN @ 5:30 PM.
- Gang to bring tbg tomorrow. Order overshot to fish tbg.
- 8/16/2011 RIH w/ 5.5 X 2.375 overshot and catch fish 18' below surface and pickup and work w/ anchor. release anchor. Drop down to tag TD 6' down. Est fill @ 8,449'; 99' fill from PBTD - fill to top perms. Pull 3jts and encounter oil in tbg. swab to csg. Pull to rod part and work with stuck pump. Pump came free but drug 80' up hole. Came free and POOH w/ rods and pump. SIFN @ 6:00 PM.
- 8/17/2011 RU hot oil and pump 215 bbls hot KCL wtr to clean tbg. RU scanner and start POOH w/ tbg. Lot of tbg cork screwed. pull 189 jts [85 Y; 7 B; 71 G; and 6 red]. Expect to lose 150 to 200 jts. SIFN @ 5:30 PM.
- 8/18/2011 Finish scan OOH. Last 85 jts all green. Decide to lay down all tbg. RIH w/ yellow (bowed) and lay down. String of white band to arrive in AM.
[85 Y; 7 B; 173 G; and 9 red]. 274 total jts + 1 mud jt. TAC 48 jts up. SIFN @ 3:30 PM.
- Pickup new string tomorrow.
- 8/19/2011 Unload string of white band tbg from Smith Pipe Abiline. 272 jts tallied. Load old tbg & send to Carlsbad yard. PU 4-3/4" bit and 5.5 csg scraper and pick up tbg TIH. At 210' hit obstruction. Able to work thru. TIH w/ 251 jts ~ 7980'. SIFN @ 6:00 PM.
- Will finish pick up tbg and tag tomorrow.
- 8/20/2011 POOH w/ bit and scraper. check spot at 320'. Still the same hitting hard but could work thru. SIFN @ 4:00 PM. Set up string mill for Mon.
- 8/22/2011 RU Grey wireline and run csg inspection log from 8,400 to surf. Found csg parted at 232' to 238' FS. Appears to be in a collar. May have jumped a pin when tbg parted. Rest of csg appeared to be OK. No leaks indicated. Dig out cellar and work on wellhead bolts. Set up wellhead crew to remove bolts tomorrow. SIFN @ 6:30 PM
- Will pull parted csg tomorrow.
- 8/23/2011 RU Man Services hyd wrenches and remove bolts from wellhead. Order 2 jts. 5.5" 17# N-80 csg. Use Weatherford 5.5 spear to pull csg. Unable to release bowl in wellhead. 100,000# pull. call for csg jack and RU and release csg @ 125,000# w/ jacks. RU csg crew and lay down 226' 5.5 17# w/ IJ extreme line thread. Csg parted in box of IJ. Remaining upset looking up. pump 130 bbls wtr in csg. Put BOP back on well. SIFN @ 6:30 PM
- 8/24/2011 RU Rotary wireline to chem cut. Decide better to mechanical cut. RD Rotary WL. W/O inside cutter. RU power swivel RIH w/ inside cutter, 6 - 3-1/8" drill collars, and spot cutter at 249'. RU and cut 5.5 20# csg. RD power swivel and pump truck. Secure well. SIFN @ 7:00 PM
- In AM lay dwn DC, cutter, and run csg.
- 8/25/2011 RIH w/ spear and catch cut 5.5" pipe. (12' piece). Could not pull. work on pipe. See lift pressure immediately 9" = 40K pull. Decide may have cmt around pipe. RIH w/ 5.5" RBP and attempt to set @ 7,025'. Pulling unit broke down. Clutch out. Release all personnel. Secure well. SIFN @ 7:00 PM
- Will repair rig tonight.

Three Rivers Operating

WJC, Inc.
Midland Tx, 79701

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In AM will run Cmt Bond Log.

ESDU #4
Return to prod
Lee Co., NM

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Company Rep.

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Cell 559 4005

- 8/26/2011 Rig repaired. Set RBP and attempt to load hole. Well kick off and flowed 34 bbls oil. Pump 220 bbls (40 bbls over capacity and did not load. POOH w/ tbg and WO loggers. Rig up and run CBL from 7000 to surf. Poor bonding. Little or no cmt. RIH w/ pkr to 1585'. Attempt to load and would not load. TIH to 3139' would not load w/ 12 bbls; well started flowing again - still flowing at 7:30 PM. Flow total 51 bbls. today. Secure well. SIFN @ 7:45 PM SI for weekend
- 8/29/2011 SI over weekend. TP & CP = 0 PSI. TIH w/ pkr looking for leak. Test down to RBP still leaking. Latch onto RBP to move. Could not reset RBP. Move up and down but would not reset. POOH w/ PKR and RBP. Secure well. SIFN @ 6:45 PM
- 8/30/2011 RIH w/ PKR and RBP; Set RBP @ 7,456'. POOH w/ 1 std and set pkr. Pressure up but would not hold. Move RBP dwn 60' to 7,522' and set pkr 1 std up. pressure to 500 PSI but would not hold; Try setting RBP and Pkr and numerous depths and set pkr 10' above RBP but could not get to hold. Drop standing valve and pressure tbg. after 2nd try get tbg to hold 3,000 PSI. Fish Stand. valve and retry pressure pkr plug. would not hold. Report in. Will POOH w/ pkr and plug tomorrow. (Derrick hand got sick). Secure well. SIFN @ 6:00 PM
- 8/31/2011 POOH w/ tbg, Pkr, RBP. RIH w/ new PKR and RBP; Set RBP @ 7,680'. POOH w/ 1 std and set pkr. 7,618'. Pressure up but would not hold. Move PKR dwn to 7,664'. pressure tbg. but would not catch pressure; Try setting RBP @ 7,545' and Pkr @ 7,529' but could not get to hold pressure. Report in. POOH w/ pkr and plug. Secure well. SIFN @ 6:00 PM Will run tbg. bailer tomorrow to clean out rat hole.
- 9/1/2011 TIH w/ tbg bailer to 8,518' and rig up pump truck pumping 2 BPM. Drill and bail to 8,533' hard bottom. [11' below perfs]. POOH w/ tbg. and bailer. [Iron sulfide and scale in bailer] RU hydro tester and start in hole w/ 1 jt tailpipe, Pkr, tbg. testing to 6K PSI. All tbg. tested OK. Set Pkr. w/ EOT @ 8,448' and Pkr @ 8,417'. Secure well. SIFN @ 6:30 PM Will swab tomorrow.
- 9/2/2011 SITP = vac. SICP = 10 PSI. RIH w/ swab; IFL @ 6,100'. 1st 2 runs 100% oil. After 8th run gas increasing. After 9th run well tried to flow. Today make 11 runs and rec 27 BO and 26 BW. 53 BBLs total. Last run after SI for 1 hr. and had 1,000' of entry. CP still at 10 PSI. Secure well. SIFN @ 5:30 PM SI for weekend.
- 9/6/2011 SI 85 hrs. SITP = 10 PSI SICP = 10 PSI. RIH w/ swab; IFL @ 5,800'. 1st 2 runs 100% oil. After 8th run gas increasing 10 BO / 32 BW. 10th run FL @ 6,900' FS 14 BO & 37 BW. FL held @ 6,900' FS all day. Total 14 BO & 37 BW in 9 hrs 28% oil cut. Secure well. SIFN @ 5:30 PM.
- 9/7/2011 SI 14 hrs. SITP = 50 PSI; SICP = 0 PSI. RIH w/ swab; IFL @ 7,200'. 1st 2 runs 100% oil. FL Make 12 runs and rec total 11 BO and 7 BW. FL held @ 7,700' FS. After first few runs well started gassing heavily. Having to wait for well to blow down before each run. Release pkr. ND BOP NU wellhead. Ready to run pump & rods in AM. Secure well. SIFN @ 5:30 PM.
- 9/8/2011 SI 14 hrs. SITP = 0 PSI; SICP = 0 PSI. Finish install equipment on wellhead. RIH w/ 16' X 1.5" pump and rods. [237 - 3/4"; 97 - 7/8"; 2 - 6' subs.] Seat pump and pressure tbg to 1,000 PSI. Stroke pump to check pump action. Hang well on. SIFN @ 3:30 PM. Leave pumping w/ good pump action. Release pulling unit.

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Replace PKR
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- 9/14/2011 RU well service unit and unseat pump and POOH w/ rods. [16' X 1.5" pump and rods. [237 - 3/4"; 97 - 7/8"; 2 - 6' subs.] ND wellhead and NU BOP. Unset arrowset pkr. and start POOH w/ tbg. SIFN @ 6:00 PM.
- 9/15/2011 Finish POOH to pkr and remove rental compr. pkr and install locset pkr. and TIH. Space out and set pkr w/ 15K tension. ND BOP Nu welhead. RU Petroplex and acidize down tbg w/ 1,500 gal 15% w/ Petrol 10. Displace to top perf. No pressure through job. ISIP = 0 PSI. RD acid trks. TIH w/ rods. [16' X 1.5" pump and rods. [237 - 3/4"; 97 - 7/8"; 2 - 6' subs.] Seat pump and load hole pressure to 500 PSI. SIFN @ 7:00 PM.
- 9/16/2011
Install new stuffing box and wait for well to pump up. RD and move to Empire #12. Released rig @

