

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

Energy, Minerals and Natural Resources

CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-103

Revised August 1, 2011

HOBBS OGD

JAN 17 2012

RECEIVED

WELL API NO.

30-025-30956

5 Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

E-1921

7. Lease Name or Unit Agreement Name

PHILLIPS STATE

8. Well Number

1

9 OGRID Number

272295

10. Pool name or Wildcat

OSUDO; UPPER BONE SPRING

Wildcat  
<97704>

4 Well Location

Unit Letter O : 990 feet from the SOUTH line and 1980 feet from the EAST line

Section 17 Township 21S Range 35E NMPM County LEA

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

3649 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 ☐

OTHER ☐

SUBSEQUENT REPORT OF:

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

OTHER REVISE - RECOMPLETION IN BONE SPRING ☒

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.

REVISED

SEE ATTACHED

STAGE 1: 2<sup>nd</sup> Bone Spring - 10,236' - 10,410' - Did not frac

STAGE 2: 2<sup>nd</sup> Bone Spring - 9,674' - 9,818' - Frac w/ 3,267 gals 15% Hcl & 148,396 # 20/40 Curable Resin & 3617 bbls Slickwater & 30# Borate Gel

STAGE 3: 1<sup>st</sup> Bone Spring - 9,300' - 9,559' - Frac w/ 2, 184 gals 15% Hcl & 182,300 # 20/40 Curable Resin & 4113 bbls Slickwater & 25# Borate Gel

STAGE 4: Avalon - 8,446' - 8,621' - Frac w/ 1,176 gals 15% Hcl & 195,300 # 30/50 white sand & 47,476# 20/40 Curable Resin & 4,623 bbls Slickwater & 25 # Borate Gel

12,353 bbls to recover

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 TOM STRATTON TITLE OPNS MGR DATE 1/13/12

Type or print name TOM STRATTON E-mail address: tstratton@3rn.com PHONE: 512-706-9849

For State Use Only

APPROVED

BY:

TITLE

DATE

JAN 19 2012

Conditions of Approval (if any):

PA Osudo Morrow <GAS>

JAN 23 2012

## Three River Operating Company LLC

## Drilled Out Wellbore Schematic

Lease	Phillips State 1
Field	Osudo
County	Lea
Location	Sec. 17, Twp 21S, Rge 5E
State	NM
Log Date	12/25/2004
KB - ft	3664
GL - ft	3649
API #	30-025-30956

Tree	7-1/16" Double Valve 5K Frac Stack
Packer Fluid	N/A

Intermediate  
< 9 625", 43.5 ppf, N-80, LTC  
5650'

Marker Jt.

TOC @ 8175'  
as per Bond Log

Stage 4 Avalon  
8446-8621 22 Holes  
126,000 # 20/40 White Sand & 48000 # 20/40 Curable Resin  
4285 bbl of Slickwater & 25# Borate Gel

195,000 # 30/50 + 4263 bbls  
+ 47,476 # 20/40

Stage 3 1st Bone Springs  
9300-9559 26 Holes  
132,000 # 20/40 White Sand & 48000 # 20/40 Curable Resin  
4285 bbl of Slickwater & 25# Borate Gel

182,300 # 20/40  
+ 4113 bbls

Stage 2 2nd Bone Springs  
9674-9818 20 Holes  
148,000 # 20/40 Curable Resin  
3810 bbls of Slickwater & 25# Borate Gel

148,396 # 20/40  
+ 3617 bbls

Stage 1 2nd Bone Springs  
10236-10361 24 Holes  
162,000 # 20/40 Curable Resin  
3810 bbls of Slickwater & 30# Borate Gel

PERF'D  
DID NOT FRAC

100' of Cement  
CIBP @ 10513'

TOL @ 10463'

35' of Cement  
CIBP @ 11750'

35' of Cement  
CIBP @ 12348'

Float Collar @ 12,540'

Morrow Perfs Abandoned  
11,848' - 12,483'  
See Original Wellbore

7", 23 ppf, S-95, LTC @ 0 - 8290'  
7", 26 ppf, S-95, LTC @ 8290' - 10,463'  
5", 18 ppf, P-110, LTC @ 10463' - 12,580'

Prepared by	Tom Bailey
Date	8/15/2011

TD - ft	12580'
PBTD - ft	10,413', Cement Plug

## Three Rivers Operating

WJC, Inc.  
Midland Tx, 79701

Consulting Services

Phillips St 1  
Bone Avalon Frac  
Lee Co., NM

Bill Collier  
Company Rep.

Office 685 4171  
Cell 559 4005

- 10/19/2011 Check loc. set mat board and pipe racks. Check well head 5K.
- 10/20/2011 Road rig to loc. and rig up. work with wellhead and finally get valves working. Unload 2-7/8" W.S. ND wellhead. NU BOP. SIFN @ 4:00 PM
- Set CIBP tomorrow.
- 10/21/2011 RU Dialog and RIH w/ 7" csg. GR/JB to top of liner 14,492'. RIH w/ 5.0" csg GR/JB. TIH w/ 5.0" CIBP and set @ 10,532'. Make six bailer runs and spot 105' cmt 10xs. cmt on plug. TOC @ 10,440'. SIFN @ 7:00 PM
- 10/24/2011 RU and TIH w/ 5.5" csg scraper w/ bit, and 2-7/8" WS. Pickup and TIH and tag TD @ 10,435'. Start POOH w. scraper. SIFN @ 6:00 PM
- 10/25/2011 Finish POOH w/ scraper. Rig up Allied Wireline run CBL from new PBTD 10,413' to 7,660'. TOC 8,160'. Hold 1000 psi on csg while running log. RD Allied and pump truck. Start TIH w/ tbg open ended. SIFN @ 5:00 PM
- 10/26/2011 Finish TIH w/ tbg open ended. Tag PBTD and pull up 2 jts. Wait on Petroplex for tomorrow. SIFN @ 2:00 PM
- 10/27/2011 RU Petroplex and pump 500 gal. xylene, followed by 1,000 gal. 15% HCL to clean and pickle csg. Follow w/ 400 bbls 2% KCL wtr. and circ out. 1 BPM. Spot 500 gal 15% acetic from 10,365' to 10,000'. Start laying down tbg. SIFN @ 5:00 PM
- 10/28/2011 Lay down 2-7/8" work string. Install 7-1/16" 5K frac valve. double tighten. Release work string. SIFN @ 4:00 PM Ready for wireline tomorrow.
- 10/29/2011 Rig up Key and pressure test frac valve and head to 5,000 PSI. Held 10 min. no leak off. RU Allied wireline and TIH to perf. 10,356' to 10,361'; Pressure to 4,800 PSI and would not break. No bleed off. Perf 2 interval 10,296' to 10,300' w/ 4,000 PSI ; pressure fell to 3500 psi. Pump into zone @ 4,500 PSI but no rate. Try 3 times. Perf top interval 10,236' - 10,239'. RD wireline. Pump into perfs at .25 BPM @ 3,600 PSI. ISIP 3,550. 10 min = 3200 PSI. SIFN @ 4:00 PM
- 10/31/2011 No pressure on well. RIH w/ 7" pkr, 3 jts tail pipe; and 324 jts tbg picking up in singles. Spot EOT @ 10,,370' Wait on acid trk tomorrow. SIFN @ 5:30 PM
- 11/1/2011 No pressure on well. RU Acid Specialties and spot 500 gal acid from 10,360'. Pull 3 stds. and set pkr. pressure acid into formation 3200 PSI ; 2.5 BPM @ 3800 PSI; 4 BPM @ 4500 PSI; pump 15 bbls. ISIP = 4465 psi; 5 min = 3370 PSI; 10 min = 3261 PSI; and 15 min = 3216 PSI. bleed off pressure and unset pkr and move pkr down to 10,320' set. Pump into lower perfs @ 2.5 BPM @ 3900 PSI; 4 BPM @ 4500 PSI. ISIP 4450 PSI. Test complete. Unset pkr and start laying down tbg. SIFN @ 6:00 PM
- 11/2/2011 No pressure on well. Finish laying down workstring tbg. ND BOP NU frac head. RD pulling unit. clean loc and secure well. Release workstring and pkr. SIFN @ 1:00 PM

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- 11/21/2011 RU Cudd frac , HOWCO plugs; Allied wireline. Attempt to frac stage 1 but too tight. Abort stage one. Set plug and go to stage 2. Stage appeared to be tight but f=after watch for 2.5 hours formation broke and were able to get frac job off. Set plug and perf 3rd stage. Displace 60 bbls of acid out perfs. SIFN @ 11:30 PM Ready for stage 3 tomorrow.
- 11/22/2011 Finish frac job stages 3 and 4. Finish job at 11:45 AM. SIFN @ 2:30 PM Will start flowback 7 AM tomorrow.
- 11/23/2011 Move in flowback crew and start flowback @ 7:30 AM. SICP 1250 PSI. Open on a 10/64th ck. . Will start flowback @ 45 - 50 BPH.
- 11/26/2011 Move in and attempt to RU Warrior 2" coil tbq. Wind too high and could not rig up head. SI until tomorrow.
- 11/27/2011 Finish RU Warrior injector head and GIH w/ 6.128" mill and mill out 3 ] 8,700'; 9,600'; 9,900' ] composite plugs. Circ clean to 10,400'. sweep hole several times. POOH w/ 2" tbq. OOH @ 10:30 PM. ND plug catcher; RD Warrior and release back to flowback crew.