

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

Form C-103
Revised August 1, 2011

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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)		WELL API NO. 30-015-33562
1. Type of Well: Oil Well ☐ Gas Well ☒ Other		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator THREE RIVERS OPERATING COMPANY, LLC		6. State Oil & Gas Lease No.
3. Address of Operator 1122 S. CAPITAL OF TX HWY, SUITE 325, AUSTIN, TX 78746		7. Lease Name or Unit Agreement Name PINE SPRINGS 2 STATE
4. Well Location Unit Letter E : 1980 feet from the NORTH line and 810 feet from the WEST line Section 02 Township 26S Range 25E NMPM County EDDY		8. Well Number 1
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3584 GR		9. OGRID Number 272295
		10. Pool name or Wildcat WHITE CITY SOUTH FIELD

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: ☐
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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.

Well is currently completed in the Wolfcamp (9,823'-9,971'), in 2007, producing 50-60 mcfpd on compression. The formation has only produced 53,000 mcf with very little reserves remaining.

Please see attached document for procedure to recomplete in the Bone Springs formation.

DENIED

* To recomplete to new zone - MUST File C-101, C-102.



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: 08/11/2011

Type or print name TOM STRATTON

E-mail address: tstratton@3rnr.com

PHONE: 512-706-9849

For State Use Only

APPROVED BY:

DENIED

TITLE: Field Supervisor

DATE: 8-23-11

Conditions of Approval (if any):

*



AUGUST 10, 2011

PINE SPRINGS 2 STATE 1
API # 30-015-33562
SEC 2-26S-25E
WHITE CITY SOUTH FIELD
EDDY COUNTY, NM

WELL IS CURRENTLY COMPLETED IN THE WOLFCAMP 9823 - 9971' IN 2007 PRODUCING 50 - 60 MCFPD ON COMPRESSION. THE FORMATION HAS ONLY PRODUCED 53,000 MCF WITH VERY LITTLE RESERVES REMAINING.

RECOMMENDATION: RECOMPLETE WELL IN BONE SPRINGS FORMATION AS FOLLOWS:

3RD BS 8002-8234'
2ND BS 7452-7528'
1ST BS 6657-6851'
1ST BS 6083-6310'
AVALON 5616-5904'
(ALL PERFS 2 SPF)

WELLBORE:

13-3/8" 48# H40 @ 403' W/ 450 SX, CMT TO SURFACE
9-5/8" 40# N80 @ 5227' W/ 3635 SX, CMT TO SURFACE; DV TOOL @ 1500'
5-1/2" 20# P110 @ 11,900' W/ 1485 SX, TOC -
2-3/8" 4.7# N80 TBG
PACKER SET @ 9712'
CURRENT PERFS: WOLFCAMP 9823 - 9971' (CIBP SET AT 10,784')

PROCEDURE:

1. PREPARE LOCATION; TEST ANCHORS, SET TANKS, BOARDS AND RACKS FOR RIG
2. BLOW WELL HEAD PRESSURE OFF DOWN LINE; PUMP DOWN TBG WITH 10# BRINE TO KILL
3. NU BOP; RELEASE PKR & PULL TBG & PKR OOH; KEEP HOLE LOADED WITH 10#
4. RIG UP WIRELINE & RIH W/ GR-JB TO 9800'
5. RUN GR-CCL-CBL FROM 9800' TO TOC
6. RIH & SET CIBP @ 9800'; DUMP 35' CMT ON TOP.
7. PRESSURE UP THE CASING TO 6500#
8. PERF 3RD BS 8002-8234' W 2SPF; BREAKDOWN PERFS

- ACIDIZE & FRAC W/ 155,000# 20-40 RESIN SD @ 40 BPM W 160,000 GALS GEL WATER
9. SET CFP @ 7700'; PRESSURE UP TO 3000#
 10. PERF 2ND BS @ 7452-7528' W 2 SPF; BREAKDOWN PERFS
ACIDIZE & FRAC WITH 79,500# 20-40 RESIN SD @ 20 BPM W 100,000 GALS GEL WATER
 11. SET CFP @ 7000'; PRESSURE UP TO 3000#
 12. PERF 1ST BS @ 6657-6851' W 2 SPF; BREAKDOWN PERFS
ACIDIZE & FRAC WITH 104,000# 20/40 RESIN SD @ 30 BPM W 120,000 GALS GEL WATER
 13. SET CFP @ 6450'; PRESSURE UP TO 3000#
 14. PERF 1ST BS @ 6083-6310' W 2 SPF; BREAKDOWN PERFS
ACIDIZE & FRAC WITH 155,000# 20-40 RESIN SD @ 40 BPM W 160,000 GALS GEL WATER
 15. SET CFP @ 6000'; PRESSURE UP TO 3000#
PERF AVALON 5616-5904' W 2 SPF; BREAK DOWN PERFS
ACIDIZE & FRAC W 178,000# 20-40 @ 60 BPM W 180,000# GEL WATER
 16. FLOW BACK WELL UNTIL IT DIES
 17. DRILL OUT 4-CFP'S W AIR-DRILL UNIT; CLEAN OUT TO PBTD - 9765'
 18. RUN PRODUCTION TUBING, RODS & PUMP
 19. SET PUMPING UNIT & ENGINE TO TEST WELL
 20. SET APPROPRIATE SEPARATION AND STORAGE ON LOCATION FOR OIL, GAS AND WATER.
 21. TEST WELL.

RESPECTFULLY SUBMITTED,


TOM STRATTON
OPERATIONS

CURRENT:

CURRENT

WELL NAME: Pine Springs 2 State #1 FIELD: White City South (97592) LSE#: 036847
 STATE: NM COUNTY: Eddy LOCATION: 1980' FNL & 810' FWL of 2-26S-25E
 API NO: 30-015-33562 SPUD DATE: 10/30/2004 FORMATION: Wolfcamp
 TD: 11900' PBD: 11788' (3/28/05) ELEVATION: 3584' GL

PIPE RECORD								CEMENT & HOLE DATA				
CSG	OD	GRADE	THD	WT/FT	TOP	BTM	# JTS	BIT SIZE	DEPTH	SX	WT.	TOC
Surf	13 375"	H40	STC	48 00#	0'	403'	9	17 500"		450		42'
Inter	9 625"	N80	BTC	40 00#	0'	5227'	123	12 250"		3635		Surf
Prod	5 500"	P110	LTC	20 00#	0'	11900'	280	8 875"		1455		
Tbg	2 375"				0'	+9712'						

Remarks:

11/17/04: Bond log found TOC on 9 5/8" @ 550' Perf'd csg @ 520' and ran 510 sxs Prem Plus

3/17/05: Frac w/ 125,000# 18/40 VersaProp, 352 tons Co2 downhole
 Avg pump rate-34.8 BPM, Ave pressure-6642#

8/4/05: First Sales (Morrow)

4/13/06: Acidize perms-(10814' - 10891') w/2000 gals 7 1/2% NeFe Dropped 33 ball sealers during job
 First Sales (Atoka)

5/30/06: Pump 2000 gal 15% ferachek Flush 51 bbls 4% KCL

2/2/07: Acidize perms (9823' - 9971') w/2000 gals 15% NeFe Drop 24 balls

2/2/07: First Sales (Wolfcamp)

CAPACITIES	(bbl/ft)	(ft/bbl)	(cf/ft)
TBG 2 375 in #			
CSG 9 625 in 40#	07580	13 19	42570
CSG 5 5 in 20#	02210	45 09	12450

VOLUME BETWEEN	(bbl/ft)	(ft/bbl)	(cf/ft)
TBGxCSG 2 375x9 625			
TBGxCSG			
CSGxHOLE			
TBGxHOLE			

PERFORATION RECORD					
DATE	TOP	BTM	ZONE	STATUS	SPF
3/15/2005	11404'	11674'	Morrow	Abandon	4
5/26/2006	10950'	11014'	Atoka	Abandon	2
4/12/2006	10814'	10891'	Atoka	Abandon	2
2/1/2007	9823'	9830'	Wolfcamp	Active	2
2/1/2007	9917'	9971'	Wolfcamp	Active	2

Dr. Dia. - 4.151"

Collapse - 8830"

Yield - 11,400"

Pkr @ +9712'

9823'-9830' WC

9917'-9918', 9969'-9971'

CIBP @ 10784'

10814-10818 } Cmt sqz and Re-perf

10884-10891

10950-10952

10984-10986

10992-10994

11000-11002, 11012-11014

MJ@11105 61'

CIBP@11380' w/35' cmt on top (TOC @ 11345')

2 375 @+9712"

11404-06

CIBP@11515'

11553-57

11638-40

CIBP@11660'

11672-74

Tagged w/GR @11788' (3/28/05)

FC@11854'

5 5 @11900'

FS@11900'

As of 04/13/2007:

305 jts + 8' sub to pkr 9712'

X NIPPLE @ 9707'

XN NIPPLE @ 9726' to 9727'

EOT @ 9727'

SRC Wt%:

LOGS: Triple Combo (12/25/04)

LANDMAN: R. Buress GEOLOGIST: R. Johnson

TUBULAR GOODS PERFORMANCE					
Material	ID (in)	Drift (in)	Collapse* (psi)	Burst* (psi)	Tensile* (lbs)
9 625" N80 BTC 40#	8 921	8 765	2,020	3,520	453,000
5 5" P110 LTC 20#	4 778	4 653	11,080	12,640	548,000
2 375" #	1 995	1 901	11,780	11,200	104,300

* Safety Factor Not Included

PREPARED BY: LeAnne Haskins
 DATE: 6/8/2005
 Updated: 4/16/2007 RB

OFFICE: (432) 683-7063
 FAX: (432) 683-6847

PROPOSED:

WELL NAME: Pine Springs 2 State #1 FIELD: White City South (97592) LSE#: 036847
 STATE: NM COUNTY: Eddy LOCATION: 1980' FNL & 810' FWL of 2-26S-25E
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CSG 5 5 in. 20#	02210	45 09	12450

VOLUME BETWEEN	(bbl/ft)	(ft/bbl)	(cft/ft)
TBGxCSG: 2 375x9 625			
TBGxCSG:			
CSGxHOLE			
TBGxHOLE:			
TBGxHOLE			

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== AVALON 5616-5904'
 == 1ST BLS 6083-6310'
 == 1ST BLS 6657-6851'
 == 2nd BLS 7452-7528'
 == 3rd BLS 8602-8234'

CIBP 9800'
 w/35' cmt
 9823'-9830' WC
 9917'-9918', 9969'-9971'

As of 04/13/2007:

305 jts + 8' sub to pkr 9712'
 X NIPPLE @ 9707'
 XN NIPPLE @ 9726' to 9727'
 EOT @ 9727'

SRC W/:

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LANDMAN: R. Buress

GEOLOGIST: R Johnson

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 11672-74

- Tagged w/GR @11788' (3/28/05)
 FC@11854'
 5.5 @11900'
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PREPARED BY: LeAnne Haskins
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