

Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., 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 Resources

Form C-103  
May 27, 2004

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

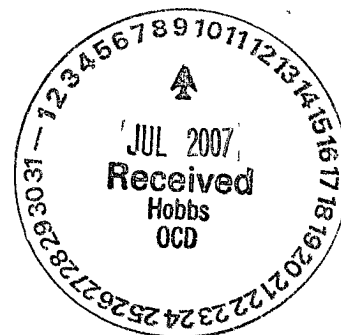
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO.
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator LEGACY RESERVES OPERATING LP		6. State Oil & Gas Lease No.
3. Address of Operator P. O. BOX 10848 MIDLAND, TEXAS 79702		7. Lease Name or Unit Agreement Name SOUTH JUSTIS UNIT
4. Well Location Unit Letter <u>  </u> P <u>  </u> : <u>660</u> feet from the <u>SOUTH</u> line and <u>990</u> feet from the <u>  </u> EAST line Section <u>13</u> Township <u>25S</u> Range <u>37E</u> NMPM LEA County		8. Well Number H18
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 240974
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>		10. Pool name or Wildcat JUSTIS BLBRY-TUBB-DKRD
Pit type <u>  </u> Depth to Groundwater <u>  </u> Distance from nearest fresh water well <u>  </u> Distance from nearest surface water <u>  </u>		
Pit Liner Thickness: <u>  </u> mil Below-Grade Tank: Volume <u>  </u> bbls; Construction Material <u>  </u>		

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

<b>NOTICE OF INTENTION TO:</b>		<b>SUBSEQUENT REPORT OF:</b>	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: Sand Frac Stimulate <input checked="" type="checkbox"/>	

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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Completed work to sand frac stimulate to increase production.  
Please see attached.



I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE X Kent Willmans TITLE Petroleum Engineer DATE 7/5/07

Type or print name Kent Willmans  
**For State Use Only**

E-mail address:

Telephone No. 432-689-5200

APPROVED BY: Maya W. Wink TITLE OC FIELD REPRESENTATIVE II/STAFF MANAGER DATE JUL 09 2007  
Conditions of Approval (if any)

**LEGACY RESERVES OPERATING LP**  
**DAILY DRILLING REPORT**

Page 1

South Justis Unit H # 18  
South Justis Blinebry/Tubb/Drinkard Field  
660' FSL & 900' FEL, Sec. 13, Unit p, T-25-S, R-37-E  
Lea Co., NM API # 30-025-11572  
GL / KB - 3076' / 3087" (11' KB)

AFE Number - 407026  
AFE Amount - \$ 265,000  
BWO: 2 BOPD x 30 BWPD x 0 MCFD

Objective: Frac Stimulation - Blinebry Formation

<u>Day</u>	<u>Date</u>	<u>Description</u>
1	5/9/07	MIRU Key Rig # 312. POH w/ 22' polish rod, 20'-7/8" rod subs, 77'-7/8" rods, 138'-3/4" rods, 15'-7/8" rods w/ guides, 4' x 7/8" rod sub w/guides, 2" x 1 1/2" x 24' pump w/ no gas anchor. Release tubing anchor. Install BOP. POH w/ 154 joints 2 3/8" tubing, 7"x2 3/8" tubing anchor, 24 jts 2 3/8" tubing, seating nipple, 178 jts 2 3/8" tubing and tallied at 5812.18'. SDFN.
2	5/10/07	RIH w/ 6 1/8 bit, 7" casing scraper on 2 3/8" tubing. Tag obstruction in csg at 5861'. Attempt to work through restriction area. Tubing would torque up. POH. Examine bit. Rig up Capitan Wireline. Run w/ 3 1/8" junk basket and tag at 6920'. Talk to engineer and elect to proceed per original workover procedure. Run GR/Comp Neutron/CCL from 6200' to 4200'. Perforate at 5108,5132,5154,5166, 5260, 5305,5328,5366,5390, 5400,5410,5426,5482, 5508,5566,5580,5594, 5614,5638,5652 w/ 1 SPF, total 20 holes. RIH w/ 7" wireline set RBP and set at 5700'. RIH w/ 7" packer and 50 joints 2 3/8" tubing. SDFN.
3	5/11/07	Finish RIH w/ 7" packer and tbq. Test RBP at 5700' to 1000# OK. Spot 2 sxs sand on top of RBP. Pull up to 5680' and circulate hole w/ 2% KCL wtr. Spot 2000 gal 15% NEFE HCL acid from 5680-4468'. POH w/ 2 3/8" tbq and pkr. Rig up tbq testers. RIH w/ 7" pkr and 55 jts 3 1/2" L-80 9.2# Buttress frac string tbq. Test tbq to 6000#. SDFN. 280 BLWTR. Rig \$5600, Supv \$1000, Packer \$900, Acid \$4500, Frac Tanks \$14000, Water \$18000
4	5/12/07	Finish testing in hole w/ 3 1/2" frac string. Set pkr at 4978' and test to 500# and would not hold.. Move pkr to 4948' and test to 500# OK. Nipple up 3 1/2" FracStack frac wellhead. Test annulus and frac head to 500# OK. Shutin well. Rig up flowback line, choke and flowback tank for forced closure after frac job. SDFN. 300 BLWTR.
5	5/13/07	SD. Sunday.
6	5/14/07	RU Weatherford Services. Test lines to 5500#. Load hole and establish pump rate on water w/ 60 BW. Acidize perms 5070'-5677' w/ 5000 gal 15% NEFE HCL acid w/ 1250 gal gelled brine and 2,500# rock salt in 2 stages at 10 BPM and 954-1265#. Frac w/ 92,500 gal 25# DynaFrac 25 X-Link gel w/ 218,885 # 20/40 Badger Brown Sand @ 2#, 4#, and 5# ed at 40 BPM and 3116-3619# and AIR of 3479#. ISIP 880#, 5 min 608#, 10 min 472#, 15 min 425#. Tie-in flowback line and adj choke and initiate forced closure flowback at 1/4 BPM. Flowback recovered 19 BLW in 1st hour and 5 BLW in 2nd hour, 24 BLW total and well died sometime in 2nd hour. Remove FracStack wellhead. Set reverse unit. POH w/ 20 jts 3 1/2" frac tbq and pkr. SDFN. 2468 BLWTR daily. 2768 BLWTR..

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**DAILY DRILLING REPORT**

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South Justis Unit H # 18  
South Justis Blinbry/Tubb/Drinkard Field  
660' FSL & 900' FEL, Sec. 13, Unit p, T-25-S, R-37-E  
Lea Co., NM API # 30-025-11572  
GL / KB - 3076' / 3087' (11' KB)

AFE Number - 407026  
AFE Amount - \$ 265,000  
BWO: 2 BOPD x 30 BWPD x 0 MCFD

Objective: Frac Stimulation - Blinbry Formation

<u>Day</u>	<u>Date</u>	<u>Description</u>
7	5/15/07	Little pressure on wellhead. Finish laying down 3 1/2" frac tbg and 7" pkr. RIH w/ 3 1/2" notched collar on 2 3/8" tbg. Tag top of sand at 5552', 148' of fill. MIRU power swivel. Attempt to load hole pumping 390 BW and well would not load and circulate. Discuss w/ Midland office. Will get 1 frac tank of water on location and increase rate to attempt to circulate. LD power swivel. Pickup string to top perf. SDFN. 390 BLWTR daily. 3158 BLWTR..
8	5/16/07	Open well. RIH and re-tag PBTD at 5552'. PU off btm . Attempt to load hole again w/ 300 BW. Only got slight blow at surface and no circ. POH and LD 3 1/2" notch collar. PU and RIH w/ 3 1/8" Bull Dog bailer and flapper w/ 4 1/2" wash shoe on btm and 2 3/8" tbg. Tag at 5552'. Bail fill down to 5625' and stopped recovering fill. POH and empty bailer. RIH w/ bailer and cleanout to 5695'. Pickup bailer above perfs SDFN. 300 BLWTR daily. 3458 BLWTR..
9	5/17/07	Run back in hole and retag PBTD and found 6' fill on 7" RBP which had fallen back overnight. Try to bail and would not bail. POH w/ 2 3/8' tbg and bailer. Clean bailer and RIH. Bail down to top of RBP. POH. RIH w/ 7" retrieving tool and tag RBP. PU tbg swivel. Wash top of RBP and recover 1' of fill off of RBP. Release 7" RBP. LD tbg swivel. POH w/ 2 3/8" tbg and 7" RBP. SDFN. 50 BLWTR daily. 3508 BLWTR.
10	5/18/07	PU and RIH w/ bullplug set at 5134', 1 jt 2 3/8" mud anchor, 2 3/8"x4' perf sub, 2 3/8" SN set at 5097', 1 jt 2 3/8" Enduralloy tubing, 30 jts 2 3/8" tbg, 7"x 2 3/8" TAC set at 4082', and 125 jts 2 3/8" tbg. ND BOP. Set TAC w/ 12000 # tension. NU wellhead. Prep to laydown steel rods and run FiberRod FG rodstring. RIH w/ 138-3/4" steel rods and POH laying down steel rods. RIH w/ 2"x1.5" rod pump w/ gas anchor, 1-1 1/2" K-bar, 21000# shear tool, 5-1 1/2" K-Bars, 15- 7/8" steel rods w/ rod guides, 80-7/8" steel rods , 67-1"(0.98") FiberRod FiberCom FG rods w/ 7/8" SH-SMC's, 9', 6' and 1' FG pony rods of 1" (0.98") FiberCom w/ 7/8" SH-SMC's, and 1 1/4" x 22' polish rod. Space well out. Hang well on . MIRU Kill truck . Load tbg w/ 7 bbls of 2% KCL wtr. Pressure up to 500# OK. Turn well on. Had good pump action . RDMO unit. Left well on hand . SDFN. 7 BLWTR daily. 3515 BLWTR..