

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

WELL API NO.
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name SOUTH JUSTIS UNIT
8. Well Number F18
9. OGRID Number 240974
10. Pool name or Wildcat JUSTIS BLBRY-TUBB-DKRD
11. Elevation (Show whether DR, RKB, RT, GR, etc.)

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
LEGACY RESERVES OPERATING LP

3. Address of Operator
P. O. BOX 10848 MIDLAND, TEXAS 79702

4. Well Location
Unit Letter A0 : 660 feet from the SOUTH line and 1980 feet from the WEST line
Section 13 Township 25S Range 37E NMPM LEA County

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____

Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

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 ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

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

OTHER: Sand Frac Stimulate ☒

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 Kent Willmans TITLE Petroleum Engineer DATE 7/5/07

Type or print name Kent Willmans

E-mail address:

Telephone No. 432-689-5200

For State Use Only

APPROVED BY: Shayla W. Wind TITLE OC FIELD REPRESENTATIVE II/STAFF MANAGER
Conditions of Approval (if any):

DATE JUL 09 2007

LEGACY RESERVES OPERATING LP
DAILY DRILLING REPORT

Page 1

South Justis Unit F # 18
South Justis Blinbry/Tubb/Drinkard Field
660' FSL & 1980' FWL, Sec. 13, Unit N, T-25-S, R-37-E
Lea Co., NM API # 30-025-11565
GL / KB - 3191' / 3203' (12' KB)

AFE Number - 407024
AFE Amount - \$ 265,000
BWO: 0 BOPD x 140 BWPD x 0 MCFD

Objective: Frac Stimulation - Blinbry Formation

<u>Day</u>	<u>Date</u>	<u>Description</u>
1	6/13/07	MIRU Lucky well service. RIH w/ 7" casing scrapper and picking up 2 7/8" work string down to 5858'. POH. RIH w/ 7" packer and 60 jts 2 7/8" tbg to 1890'. SDFN.
2	6/14/07	Finish RIH w/ packer and set at 4928'. Load casing w/ 80 BW and test 500#. POH w/ packer. Rig up Capitan Wireline. RIH 7" CIBP and set at 5810'. POH. Perforate 4972'-5022-5068-5134-5170-5274-5490-5510-5553-5611-5629-5728-5746 w/ 1 SPF total 13 holes. RIH w/ 7" packer while picking up 3 1/2" work string and testing in hole to 6000#. SDFN.
3	6/15/07	Finish RIH w/ tbg to 5803'. Break circulation. Spot 2000 gal 15% NEFE HCL from 5803'-2501'. Pull up to 4918'. Install FracStack. Set pkr. Load casing w/ 115 BW. Test to 500# OK. SDFN.
4	6/16/07	RU Cudd Frac Services. Acidize perms 4972'-5800' w/ 5000 gal 15% NEFE HCL acid and 5000 gal gelled brine and 10,000# rock salt in 3 acid stages and 2 salt block stages at 8+ BPM and 1100# Had problems w/ rate flowmeters during the job and unsure of exact rates, but know pumping higher due to tank straps. Suspect possible salt accumulation in meters as meters started working properly later in job. Shutdown job while pumping 3rd acid stage with the 2nd salt block stage in the tubing as reached 4500# pressure max. Possible screenout or bridge in tbg. Attempted to resume job 2nd time and immediately pressured up to max pressure. Wait 20 min for salt to dissolve. Attempt to resume job 3rd time and pressured up. Start pumping 4th time and pumped away all remaining acid and 100 BW flush to dissolve rock salt. Well went on vacuum. Start frac job. Frac w/ 62,748 gal and 68,000 # Brady Brown 20/40 sand at ave. of 38 BPM and 3440# and well screened out on 4 #/gal stage at 4500#. Original design was 92,500 gal and 220,000# w/ Super DC Resin Coated sand in 5#/gal tail. During job pumped pad stage at 3217-2918#, 2 #/gal stage at 2988-3253# and 4 #/gal stage at 3295#-4653# at screenout on 20/40 Brady Sand. Able to flush to btm of tbg w/ 43 bbls. ISIP 849#, 5 min 633#, 10 min 506#, 15 min 404#, 2214 BLWTR. SDFN.
5	6/17/07	SD Sunday.
6	6/18/07	SICP 140#. Bleed well down and no fluid recovered. Release packer. POH laying down 3 1/2" frac string. RIH w/ 2 7/8" hydrostatic bailer w/ 2 7/8" work string. Tagged fill at 5510'. Clean out to 5635'. POH w/ bailer. RIH w/ bailer and 18 stands 2 7/8" workstring. SDFN. 2214 BLWTR.
7	6/19/07	Finish RIH w/ Hydrostatic bailer. Tag fill at 5602'. Clean out to 5686'. POH w/ bailer and found plugged w/ rock salt from divertor job. RIH w/ bailer. Tag fill at 5680'. Clean out to 5783'. POH w/ bailer. SDFN. 2214 BLWTR.
8	6/20/07	RIH w/ hydrostatic bailer. Tag fill at 5780'. Clean out 30' to CIBP PBTD at 5810'. POH laying down 90 joints 2 7/8" work string when rig motor blew. Shut down for repairs to rig. Will possible take up to four days for repair. Plan to move rig off hole and move in another rig. SDFN. 2214 BLWTR.
9	6/21/07	Rig down Lucky pulling unit. Taking rig in for repairs. Rig up Basic Well Service. Finish POH laying down 2 7/8" rental work string. RIH w/ bull plugged mud anchor at 4943', 4' x 2 3/8" perf sub, 2 3/8" seating nipple at 4906', 1 jt Enduralloy, 28 joints 2 3/8" tbg, 7" x 2 3/8" tubing anchor at 4010' and 21 joints 2 3/8" tubing. Shut in well. SDFN. 2214 BLWTR.
10	6/22/07	Finish RIH w/ 107 jts more (128 jts total) of 2 3/8" production tubing. Remove BOP. Set tubing anchor w/ 17 pts tension. Flange up wellhead RIH w/ 10' gas anchor, 2"x 1 1/2"x 20'-4' pump, 21K shear tool, 6-1 1/2" K-bars, 95-7/8" steel rods, 61-1" (0.98") Fibercom fiberglass rods, 12' fiberglass subs, 1 1/4"x 22' polish rod, 12"x 1 1/2" liner. Load tubing w/ 6 bbl and test 500#. Clean location. Rig down pulling unit. 2214 BLWTR.