

Operated Morning Report

Type: Oil Well

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|---|--------------------|-----------------------|-------------------|--------------------------|----------------------------------|--------------------------|
| Entity: | 3017.002 | Sage 2 | | | | |
| Block: 12 | Section: 15 | Qtr/Qt | Andrews | US | TX | Andrews, TX US |
| API Number: | | | | Operator: | Bulldog Operating Company | |
| Service Co: | | | | Proposed Depth: | | |
| AFE #: | | | | | AFE Budget: | AFE Actual: |
| Formation : | | | | Working Interest: | | |
| Start Date: | 6/8/2012 | Complete Date: | 12/31/2078 | Tool Pusher: | | |
| Remarks: | | | | | | |
| Start: | 3/12/2013 | End : | 3/13/2013 | Hours: | 24 | |
| Activity: | completion | Depth: | | 0 Daily Cost: | 7,368.00 | Accum Cost: 1,029,382.00 |
| MIRU Rigged up E&P and perfed 1st set 7539.5' to 7655' 2sp/22 holes .42" 60 holes. MB COST \$7,368 | | | | | | |
| Start: | 3/13/2013 | End : | 3/14/2013 | Hours: | 24 | |
| Activity: | completion | Depth: | | 0 Daily Cost: | 4,225.00 | Accum Cost: 1,033,607.00 |
| Finish RIH w/tbg. Leave PPI swinging & RD. COST \$4,225 | | | | | | |
| Start: | 3/15/2013 | End : | 3/16/2013 | Hours: | 24 | |
| Activity: | completion | Depth: | | 0 Daily Cost: | 3,675.00 | Accum Cost: 1,037,282.00 |
| Spot acid & gel tanks. TF COST \$3,675 | | | | | | |
| Start: | 3/18/2013 | End : | 3/19/2013 | Hours: | 24 | |
| Activity: | completion | Depth: | | 0 Daily Cost: | 2,380.00 | Accum Cost: 1,039,662.00 |
| RU unit #93 & SD. TF. COST \$2,380 | | | | | | |
| Start: | 3/19/2013 | End : | 3/20/2013 | Hours: | 24 | |
| Activity: | completion | Depth: | | 0 Daily Cost: | 21,407.00 | Accum Cost: 1,061,069.00 |
| RU Elite & pickle tbg. & csg. w/1000 gals 15% HCL & spotted 12 bbls 15% HCL @ 7673' PPI perfs 6 out of 11 communicated. Fish valve & laydown tbg. Install frac sleeve & 10K frac valve, 10K goathead, 10K frac valve w/10K x 5 1/2" HP wireline adapter on top. SD. TF. COST \$21,407 | | | | | | |
| Start: | 3/20/2013 | End : | 3/21/2013 | Hours: | 24 | |
| Activity: | completion | Depth: | | 0 Daily Cost: | 198,928.00 | Accum Cost: 1,259,997.00 |
| Rigged up Elite and pumped 1st stage of acid job with 492 bbls 20% HCL 684 bbls 20# linear gel Dropped 3200# salt & 16 balls. AR 17.6 AP 2422# ISIP 808# 5 min. 719# 10 min. 689# 15 min. 670# FG 0.54. On third to last stage reached 4200# stopped rock salt and dropping balls. On last stage of gel blocked and balled well off to 5000# we shut down and surged well & started back up to 17 BPM @ 1500#. Rigged up E&P and set comp. plug @ 7500' and tested to 2000#. Perf 2nd set 7259'-7441.5' 2SPF 32 holes. On 2nd stage pumped 720 bbls 20% HCL 684 bbls 20# linear gel Dropped 5400# salt & 25 balls. AR 19.3 AP 2392# ISIP 1390# 5 min. 1076# 10 min. 946# 15 min. 871# FG 0.62. Had ball & block action up to 5000#. Set comp. plug @ 7200' and tested to 2000#. Perf 3rd set 7,001.5' - 7,166.5' 2SPF 20 holes. Rigged down E&P. Pumped 3rd stage w/ 652 bbls 20% HCL 684 bbls 20# linear gel Dropped 3400# salt & 16 balls. AR 18.6 AP 2477# ISIP 1050# 5 min. 970# 10 min. 924# 15 min. 891# FG 0.58. Had ball and block action up to 4800#, had to shut down and surge well. Rigged down Elite and hooked well up to flowback to reserve pit. MB COST \$198,928 | | | | | | |
| Start: | 3/21/2013 | End : | 3/22/2013 | Hours: | 24 | |
| Activity: | completion | Depth: | | 0 Daily Cost: | 10,200.00 | Accum Cost: 1,270,197.00 |
| Well still flowing open choke wide open. 10AM well dead ND frac valves & pull frac sleeve. NU BOP & PU 4 3/4" tooth bit & 2 7/8" J-55 Prod. Tbg. New RIH tag plug @ 7200' drill out in 42 min. RIH tag plug @ 7500' drill for 40 min. clean up & POH 10 stds. SD. TF. COST \$10,200 | | | | | | |
| Start: | 3/22/2013 | End : | 3/23/2013 | Hours: | 24 | |
| Activity: | completion | Depth: | | 0 Daily Cost: | 9,505.00 | Accum Cost: 1,279,702.00 |
| RIH drill out plug @ 7575' in total 1 hr. 20 min. Push to PB @ 7710' circ. Bottoms up & POH w/bit. RIH w/new 2 7/8" J-55 tbg.Prod. Tbg. Land SN @ 7660' w/239 jts & TA @ 6828' w/213 jts. Flange 5K wellhead up & start in hole w/2 1/2x2x24' RHBC HVR & 62 D 90 WCN new 3/4" rods & 50 new D 90 7/8" rods. SD. TF. COST \$9,505 | | | | | | |
| Start: | 3/25/2013 | End : | 3/26/2013 | Hours: | 24 | |
| Activity: | completion | Depth: | | 0 Daily Cost: | 9,389.00 | Accum Cost: 1,289,091.00 |

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Cont. RIH w/2 1/2x2x24' RHBC HVR pump 62 new D 90 WCN 3/4" rods 125 new D90 WCN 7/8" rods & 117 new D 90 WCN 1" rods spaced out w/2'-4'-6"x1" ponies. Hung well on with good pump action. RD. TF
COST \$9,389

Operated Morning Report

Type: Oil Well

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|--------------------|--------------------|-----------------------|------------|--------------------------|-------------------------|---------------------------------|
| Entity: | 3017.002 | Sage 2 | | | | |
| Block: 12 | Section: 15 | Qtr/Q: TX | Andrews | US | Andrews, TX | US |
| API Number: | | | | Operator: | Mack Energy Corporation | |
| Service Co: | | | | Proposed Depth: | | |
| AFE #: | | | | | AFE Budget: | AFE Actual: |
| Formation : | | | | Working Interest: | | |
| Start Date: | 6/8/2012 | Complete Date: | 12/31/2078 | Tool Pusher: | | |
| Remarks: | | | | | | |
| Start: | 3/26/2013 | End : | 3/27/2013 | Hours: | 24 | |
| Activity: | producing | Depth: | 0 | Daily Cost: | 0.00 | Accum Cost: 1,420,837.00 |
| Stain on tubing. | | | | | | |
| Start: | 3/27/2013 | End : | 3/28/2013 | Hours: | 24 | |
| Activity: | producing | Depth: | 0 | Daily Cost: | 0.00 | Accum Cost: 1,420,837.00 |
| Stain on tubing. | | | | | | |
| Start: | 3/28/2013 | End : | 3/29/2013 | Hours: | 24 | |
| Activity: | producing | Depth: | 0 | Daily Cost: | 0.00 | Accum Cost: 1,420,837.00 |
| Stain on tubing. | | | | | | |
| Start: | 3/29/2013 | End : | 3/30/2013 | Hours: | 24 | |
| Activity: | producing | Depth: | 0 | Daily Cost: | 0.00 | Accum Cost: 1,420,837.00 |
| stain on tubing | | | | | | |
| Start: | 3/30/2013 | End : | 3/31/2013 | Hours: | 24 | |
| Activity: | producing | Depth: | 0 | Daily Cost: | 0.00 | Accum Cost: 1,420,837.00 |
| stain on tubing | | | | | | |
| Start: | 3/31/2013 | End : | 4/1/2013 | Hours: | 24 | |
| Activity: | producing | Depth: | 0 | Daily Cost: | 0.00 | Accum Cost: 1,420,837.00 |
| 1% oil cut | | | | | | |
| Start: | 4/1/2013 | End : | 4/2/2013 | Hours: | 24 | |
| Activity: | producing | Depth: | 0 | Daily Cost: | 0.00 | Accum Cost: 1,420,837.00 |
| 1% oil cut | | | | | | |
| Start: | 4/2/2013 | End : | 4/3/2013 | Hours: | 24 | |
| Activity: | producing | Depth: | 0 | Daily Cost: | 0.00 | Accum Cost: 1,420,837.00 |
| 5% oil cut | | | | | | |
| Start: | 4/3/2013 | End : | 4/4/2013 | Hours: | 24 | |
| Activity: | producing | Depth: | 0 | Daily Cost: | 0.00 | Accum Cost: 1,420,837.00 |
| 1% OIL CUT | | | | | | |
| Start: | 4/4/2013 | End : | 4/5/2013 | Hours: | 24 | |
| Activity: | producing | Depth: | 0 | Daily Cost: | 0.00 | Accum Cost: 1,420,837.00 |
| WATER | | | | | | |
| Start: | 4/5/2013 | End : | 4/6/2013 | Hours: | 24 | |
| Activity: | producing | Depth: | 0 | Daily Cost: | 0.00 | Accum Cost: 1,420,837.00 |
| WATER | | | | | | |
| Start: | 4/6/2013 | End : | 4/7/2013 | Hours: | 24 | |
| Activity: | producing | Depth: | 0 | Daily Cost: | 0.00 | Accum Cost: 1,420,837.00 |
| WATER | | | | | | |
| Start: | 4/7/2013 | End : | 4/8/2013 | Hours: | 24 | |
| Activity: | producing | Depth: | 0 | Daily Cost: | 0.00 | Accum Cost: 1,420,837.00 |

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| Operated Morning Report |
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| Type: | Oil Well | | | | | |
| WATER | | | | | | |
| Start: | 4/8/2013 | End : | 4/9/2013 | Hours: | 24 | |
| Activity: | producing | Depth: | | 0 Daily Cost: | 0.00 | Accum Cost: 1,420,837.00 |
| 3% OIL CUT | | | | | | |
| Start: | 4/9/2013 | End : | 4/10/2013 | Hours: | 24 | |
| Activity: | producing | Depth: | | 0 Daily Cost: | 0.00 | Accum Cost: 1,420,837.00 |
| WATER | | | | | | |
| Start: | 4/10/2013 | End : | 4/11/2013 | Hours: | 24 | |
| Activity: | producing | Depth: | | 0 Daily Cost: | 0.00 | Accum Cost: 1,420,837.00 |
| WATER | | | | | | |
| Start: | 4/11/2013 | End : | 4/12/2013 | Hours: | 24 | |
| Activity: | producing | Depth: | | 0 Daily Cost: | 0.00 | Accum Cost: 1,420,837.00 |
| STAIN ON TBG | | | | | | |
| Start: | 4/12/2013 | End : | 4/13/2013 | Hours: | 24 | |
| Activity: | producing | Depth: | | 0 Daily Cost: | 0.00 | Accum Cost: 1,420,837.00 |
| WATER | | | | | | |
| Start: | 4/13/2013 | End : | 4/14/2013 | Hours: | 24 | |
| Activity: | producing | Depth: | | 0 Daily Cost: | 0.00 | Accum Cost: 1,420,837.00 |
| WATER | | | | | | |
| Start: | 4/14/2013 | End : | 4/15/2013 | Hours: | 24 | |
| Activity: | producing | Depth: | | 0 Daily Cost: | 0.00 | Accum Cost: 1,420,837.00 |
| WATER | | | | | | |
| Start: | 4/15/2013 | End : | 4/16/2013 | Hours: | 24 | |
| Activity: | producing | Depth: | | 0 Daily Cost: | 0.00 | Accum Cost: 1,420,837.00 |
| WATER | | | | | | |
| Start: | 4/16/2013 | End : | 4/17/2013 | Hours: | 24 | |
| Activity: | producing | Depth: | | 0 Daily Cost: | 0.00 | Accum Cost: 1,420,837.00 |
| WATER | | | | | | |
| Start: | 4/17/2013 | End : | 4/18/2013 | Hours: | 24 | |
| Activity: | producing | Depth: | | 0 Daily Cost: | 0.00 | Accum Cost: 1,420,837.00 |
| WATER | | | | | | |
| Start: | 4/18/2013 | End : | 4/19/2013 | Hours: | 24 | |
| Activity: | producing | Depth: | | 0 Daily Cost: | 0.00 | Accum Cost: 1,420,837.00 |
| Down on Reset | | | | | | |
| Start: | 4/20/2013 | End : | 4/21/2013 | Hours: | 24 | |
| Activity: | producing | Depth: | | 0 Daily Cost: | 0.00 | Accum Cost: 1,420,837.00 |
| Down Vibration Switch | | | | | | |
| Start: | 4/21/2013 | End : | 4/22/2013 | Hours: | 24 | |
| Activity: | producing | Depth: | | 0 Daily Cost: | 0.00 | Accum Cost: 1,420,837.00 |
| 1% OIL | | | | | | |
| 91 OIL 190 GAS | | | | | | |
| TOTAL LEASE | | | | | | |
| Start: | 4/22/2013 | End : | 4/23/2013 | Hours: | 24 | |
| Activity: | producing | Depth: | | 0 Daily Cost: | 0.00 | Accum Cost: 1,420,837.00 |
| 1% OIL | | | | | | |
| 72 OIL 188 GAS | | | | | | |
| TOTAL LEASE | | | | | | |
| Start: | 4/23/2013 | End : | 4/24/2013 | Hours: | 24 | |
| Activity: | producing | Depth: | | 0 Daily Cost: | 0.00 | Accum Cost: 1,420,837.00 |

Operated Morning Report

Type: Oil Well

1% OIL

78 OIL 198 GAS

TOTAL LEASE

| | | | | | | | |
|------------------|------------------|--------------|------------------|---------------|-----------|------|--------------------------|
| Start: | 4/24/2013 | End : | 4/25/2013 | Hours: | 24 | | |
| Activity: | producing | Depth: | | 0 Daily Cost: | | 0.00 | Accum Cost: 1,420,837.00 |
| 72 OIL 190 GAS | | | | | | | |
| TOTAL LEASE | | | | | | | |

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|------------------|------------------|--------------|------------------|---------------|-----------|------|--------------------------|
| Start: | 4/25/2013 | End : | 4/26/2013 | Hours: | 24 | | |
| Activity: | producing | Depth: | | 0 Daily Cost: | | 0.00 | Accum Cost: 1,420,837.00 |
| 88 OIL 207 GAS | | | | | | | |
| TOTAL LEASE | | | | | | | |
| *FINAL REPORT | | | | | | | |

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