



**Well Name: UNIV BLK 9 7L**

API: 4200338716  
Spud Date: 1/8/2010

County: Andrews

State: Texas

**Objective: DRILLING SIDETRACK**

First Reported: 1/8/2010

Finalized: 1/16/2010

Rig: Key Energy

Rig Number: 115

Rig Type: Pulling Unit

RigUp Date: 01/08/2010

Rig Release Date:

AFE#: 906971

AFE Total: \$1,205,400.00

AFE Remaining: \$694,213.55

**Activity Date: 01/29/2010 Report Date: 01/30/2010**

Depth End: 12,238.00

Footage: 0.00

Days From Spud: 21.46

**Operation Summary:**

MIRU Basin TT. RIH w/Peak PKR assemble on 250 jts 3-1/2" WS tbg. Hydro teting tbg to 8,000# psig. SD 120' above window. SWI. SDFWE. CMIC- H Wilson

DWC: \$9,300.00

CWC: \$362,686.45

**Activity Date: 01/30/2010 Report Date: 01/31/2010**

Depth End: 12,238.00

Footage: 0.00

Days From Spud: 22.46

**Operation Summary:**

SD for Saturday

DWC: \$0.00

CWC: \$362,686.45

**Activity Date: 01/31/2010 Report Date: 02/01/2010**

Depth End: 12,238.00

Footage: 0.00

Days From Spud: 23.46

**Operation Summary:**

SD for Sunday

DWC: \$0.00

CWC: \$362,686.45

**Activity Date: 02/01/2010 Report Date: 02/02/2010**

Depth End: 12,238.00

Footage: 0.00

Days From Spud: 24.46

**Operation Summary:**

Turned pipe 1/2 turn & went out window. Cont in & turn pipe 1/2" & went into lateral. Cont on dn until EOT is @ 12, 189'. Drop 1" ball dn tbg to set in dn jet sub. RU pmp trk. Press up on hydro- port to set hydraulic PKRS. Perfomed push/ pull tst everything was good. Cont to press up on tbg until hydro-port is opened. Load csg w/110 BFW & tst csg to 500# psig. NU frac valve. TIH till EOT is @ 12,189' w/top of pkrs @ ±10,095', ±10,676', ±10,835', ±10,986', ±11,156', ±11,318', ±11,479', ±11,639', ±11,832', ±12,024'. Rabbit pipe in hole. Hydrotest tbg to 8,000 psig while TIH. SWI. SDFN. CMIC- H Wilson.

DWC: \$98,000.00

CWC: \$460,686.45

**Activity Date: 02/02/2010 Report Date: 02/03/2010**

Depth End: 12,238.00

Footage: 0.00

Days From Spud: 25.46

**Operation Summary:**

Stand-by. CMIC- H Wilson

DWC: \$9,500.00

CWC: \$470,186.45

**Activity Date: 02/03/2010 Report Date: 02/04/2010**

Depth End: 12,238.00

Footage: 0.00

Days From Spud: 26.46

**Operation Summary:**



Stand-by day. CMIC- H Wilson

DWC: \$10,500.00

CWC: \$480,686.45

Activity Date: 02/04/2010 Report Date: 02/05/2010

Depth End: 12,238.00

Footage: 0.00

Days From Spud: 27.46

Operation Summary:

Cudd couldn't get mix right in emulsified acid . Cudd is going to try & finish mixing tonight & pmp in the am. SWI. SDFN. CMIC- H Wilson,

DWC: \$10,500.00

CWC: \$491,186.45

Activity Date: 02/05/2010 Report Date: 02/06/2010

Depth End: 12,238.00

Footage: 0.00

Days From Spud: 28.46

Operation Summary:

MIRU Cudd acid company. Mixed emulsified all night,. A. Lateral fr/12,020'-12,238' dwn tbg w/13,000 gals emulsified acid & 7,000 gals 15% HCL acid @ 15-50 BPM & 8,000 psig (max). Record ISIP-. RU W/4" IRON. INSTALL POPOFF ON TCA & SET @ 500 PSIG. MONITOR TCA FOR COMMUNICATION. Drop 1.375" aluminum ball in last 5 bbls of flush in previous step to seat on 1.313" strata-port ball activated treating sleeve @ 11,925'. Shut down pumps & make sure that the ball is going down the tubing. Load hole w/fresh wtr & open strata-port @ 11,925'. A. Lateral fr/11,827'-12,020' dwn tbg w/12,000 gals emulsified acid & 6,000 gals 15% HCL acid @ 15-50 BPM & 8,000 psig (max). Record ISIP- . Drop 1.5" aluminum ball in last 5 bbls of flush in previous step to seat on 1.438" strata-port ball activated treating sleeve @ 11,732'. Shut down pumps & make sure that the ball is going down the tubing. Load hole w/fresh wtr & open strata-port @ 11,732'. A. Lateral fr/11,634'-11,827' dwn tbg w/12,000 gals emulsified acid & 6,000 gals 15% HCL acid @ 15-50 BPM & 8,000 psig (max). Record ISIP- . Drop 1.625" aluminum ball in last 5 bbls of flush in previous step to seat on 1.563" strata-port ball activated treating sleeve @ 11,539'. Shut down pumps & make sure that the ball is going down the tubing. Load hole w/fresh wtr & open strata-port @ 11,539'. A. Lateral fr/11,472'-11,634' dwn tbg w/10,000 gals emulsified acid & 5,000 gals 15% HCL acid @ 15-50 BPM & 8,000 psig (max). Record ISIP- . Drop 1.75" aluminum ball in last 5 bbls of flush in previous step to seat on 1.688" strata-port ball activated treating sleeve @ 11,377'. Shut down pumps & make sure that the ball is going down the tubing. Load hole w/fresh wtr & open strata-port @ 11,377'. A. Lateral fr/11,310'-11,472' dwn tbg w/10,000 gals emulsified acid & 5,000 gals 15% HCL acid @ 15-50 BPM & 8,000 psig (max). Record ISIP- .

Operation Detail:

Drop 1.875" aluminum ball in last 5 bbls of flush in previous step to seat on 1.813" strata-port ball activated treating sleeve @ 11,215'. Shut down pumps & make sure that the ball is going down the tubing. Load hole w/fresh wtr & open strata-port @ 11,215'. A. Lateral fr/11,148'-11,310' dwn tbg w/10,000 gals emulsified acid & 5,000 gals 15% HCL acid @ 15-50 BPM & 8,000 psig (max). Record ISIP,- . Drop 2.0" aluminum ball in last 5 bbls of flush in previous step to seat on 1.938" strata-port ball activated treating sleeve @ 11,053'. Shut down pumps & make sure that the ball is going down the tubing. Load hole w/fresh wtr & open strata-port @ 11,053'. A. Lateral fr/10,986'-11,148' dwn tbg w/10,000 gals emulsified acid & 5,000 gals 15% HCL acid @ 15-50 BPM & 8,000 psig (max). Record ISIP,- . Drop 2.125" aluminum ball in last 5 bbls of flush in previous step to seat on 2.063" strata-port ball activated treating sleeve @ 10,891'. Shut down pumps & make sure that the ball is going down the tubing. Load hole w/fresh wtr & open strata-port @ 10,891'. A. Lateral fr/10,824'-10,986' dwn tbg w/10,000 gals emulsified acid & 5,000 gals 15% HCL acid @ 15-50 BPM & 8,000 psig (max). Record ISIP- . Drop 2.25" aluminum ball in last 5 bbls of flush in previous step to seat on 2.188" strata-port ball activated treating sleeve @ 10,729'. Shut down pumps & make sure that the ball is going down the tubing. Load hole w/fresh wtr & open strata-port @ 10,729'. A. Lateral fr/10,662'-10,824' dwn tbg w/10,000 gals emulsified acid & 5,000 gals 15% HCL acid @ 15-50 BPM & 8,000 psig (max). Record ISIP- MONITOR TCA FOR COMMUNICATION. RD acid company.

DWC: \$10,500.00

CWC: \$501,686.45

STIMULATION & TREATMENT

#	Stim Type	Top Depth	Btm Depth	ISP	5 MIN	10 MIN	15 MIN	AIR	ATP	MTP	Total Water
1	Acid Frac	10662	12236								

End of Report