

DAKOTA RESOURCES, INC.  
**UNIVERSITY AMANDA #1**  
467' FWL & 1870' FSL  
SEC. 6, BLK. 30  
CRANE CO., TX  
API #: 42-103-36483  
Proposed TD: 9500'  
AFE: \$1,983,966 PROP: 286-1  
PERMIT #: 798420

**8/27/14:** Luchini and Mertz Land Surveying Company staked location.  
DC: \$3,250 TWC: \$3,250

**11/20/14:** Move in notice to University Lands.

**11/24/14-12/2/14:** Orbit Construction building location and reserve pit.  
DC: \$29,000 TWC: \$32,250

**12/5/14:** Lined pit and hauled 10 loads of fresh water and 10 loads of brine water. JB Hunt Rig 4 moving in Tuesday.  
DC: \$9,538 TWC: \$41,788

**12/9/14:** JB Hunt Rig #4 moved in. Just Trucking hauled water.  
DC: \$5,000 TWC: \$46,788

**12/11/14:** Depth: 345'. Present Operation: drilling at 41 ft/hr. Finished rigging up JB Hunt rig #4. Mix spud mud. Spud at 7:30 pm 12/10/14. MW: 8.7. Vis.:35. pH: 11. Chlorides: 1,000 ppm. Run wireline survey at 4:30 am. Deviation: .5 degrees at 250'.  
DC: \$20,264 TWC: \$67,052

**12/12/14:** Depth: 894'. Present Operation: waiting on cement. Drilled 549' in 9 hours. 61 ft/hr. TOH. Rig up Byrd's casing crew and ran 22 joints 13 3/8" J-55 54.5# ST&C casing and 5 centralizers set at 891'. Cemented with 350 sks Class 'C' Lightweight cement with 3% NaCl mixed @ 12.9 ppg and followed by 325 sks Class 'C' Premium Plus with 1% CaCl mixed @ 14.8 ppg. Circulated 130 sacks cement to surface. Waiting on cement. MW: 9.2 ppg; Vis.: 45; Solids: 4.17; pH: 10; Chlorides: 1,000 ppm  
Survey: .65 @ 527'  
DC: \$91,400 TWC: \$158,452

**12/13/14:** Depth: 894'. Present Operation: finish rigging up choke lines/center BOP. Cut off surface and weld on well head. Test to 1,000 psi. Nipple up BOP and choke. Test BOP to 1,000 psi. Make up BHA. Trip in hole with BHA and tag cement at 798'.  
MW: 9.8 ppg; Vis.: 29; Solids: 4.17; pH: 10; Chlorides: 1,000 ppm  
DC: \$8,670 TWC: \$167,122

**12/14/14:** Depth: 2,254'. Present Operation: drilling from 2,425'-2,554'. Drilled 1,363' in 20.5 hours. 66.5 ft/hr. Drilled plug, float collar, and cement.  
MW: 10 ppg; Vis.: 29; Solids: 4.17; pH: 9; Chlorides: 1,000 ppm  
Survey: 1.15 @ 1,015'  
                  1.10 @ 1,485'  
                  1.00 @ 2,040'  
                  1.00 @ 2,383'  
DC: \$92,684 TWC: \$259,806

**12/15/14:** Depth: 3,749'. Present Operation: drilling from 3,390'-3,735'. Drilled 1,495' in 21.5 hours. 69.5 ft/hr.  
MW: 10.1 ppg; Vis.: 31; Solids: 1; pH: 9; Chlorides: 165,000 ppm  
Survey: 1.43 @ 2,853'  
1.40 @ 3,323'

DC: \$103,632 TWC: \$363,438

**12/16/14:** Depth: 3749'. Present Operation: test BOP and prepare to trip in hole. Rig up Lewis casing crew and ran 35 joints 8 5/8" J-55 32# ST&C casing, 48 joints 8 5/8" J-55 24# ST&C casing, and 5 joints 8 5/8" J-55 32# ST&C casing set at 3,737'. Cemented with 400 sacks Class C mixed at 12 ppg followed by 200 sacks Class C Premium Plus with 1% CaCl mixed at 14.8 ppg. Circulated 23 sacks to surface. Wait on cement 1 1/2 hours. Nipple down BOP. Set slips on 8 5/8" casing cut off. Nipple up BOP, install B-section and test to 1,200 psi.  
MW: 10 ppg; Vis.: 30; Solids: 1; pH: 10; Chlorides: 165,000 ppm  
DC: \$102,336 TWC: \$465,774

**12/17/14:** Depth: 4,376'. Present Operation: drilling. Drilled 627' in 13.5 hours. 46 ft/hr. Finish nipple up BOP. Trip in hole and tag cement at 3,370', 40' above float. Drill plug and float.  
MW: 9.2 ppg; Vis.: 28; Solids: 1; pH: 12; Chlorides: 165,000 ppm  
Survey: 1.10 @ 4,164'  
DC: \$42,636 TWC: \$508,410

**12/18/14:** Depth: 5,445'. Present Operation: drilling. Drilled 1,069' in 22.5 hours. 47.5 ft/hr.  
MW: 9 ppg; Vis.: 29; Solids: 5.5; pH: 10; Chlorides: 65,000 ppm  
Survey: 0.75 @ 4,376'  
0.60 @ 4,890'  
DC: \$72,692 TWC: \$581,102

**12/19/14:** Depth: 6,342'. Present Operation: drilling. Drilled 897' in 21 hours. 42.7 ft/hr.  
MW: 9 ppg; Vis.: 29; Solids: 5.5; pH: 10; Chlorides: 65,000 ppm  
Survey: 0.50 @ 5,403'  
1.09 @ 5,873'  
0.69 @ 6,128'  
0.83 @ 6,257'

DC: \$60,996 TWC: \$642,098

**12/20/14:** Depth: 6,513'. Present Operation: drilling. Drilled 171' in 6.5 hours. 26 ft/hr. condition and circulate mud. Trip out of hole to pick up new survey tool. Make up BHA and trip back in hole.  
MW: 9.2 ppg; Vis.: 29; Solids: 7.1; pH: 10.1; Chlorides: 80,000 ppm  
DC: \$14,625 TWC: \$656,723

**12/21/14:** Depth: 7,326'. Present Operation: drilling. Drilled 813' in 20.5 hours. 60.2 ft/hr.  
MW: 9.5 ppg; Vis.: 44; Solids: 9; pH: 10; Chlorides: 105,000 ppm; WL: 8 cc  
Survey: 0.75 @ 6,591'  
0.80 @ 6,850'  
0.80 @ 7,014'  
1.00 @ 7,155'

DC: \$55,284 TWC: \$712,007

**12/22/14:** Depth: 8,011'. Present Operation: drilling. Drilled 685' in 20 hours. 34.3 ft/hr.  
MW: 9.65 ppg; Vis.: 38; Solids: 8.7; pH: 10; Chlorides: 105,000 ppm; WL: 8 cc  
Survey: 0.50 @ 7,657'  
0.50 @ 7,757'

DC: \$46,580 TWC: \$758,587



**1/1/15:** Depth: 9,185'. Present Operation: Condition and circulate mud. Waiting on Schlumberger wireline truck due to weather. Slip and cut 120 foot of drilling line. Trip in hole, wash and ream to bottom.  
MW: 9.8 ppg; Vis.: 62; Solids: 1.20; pH: 10; Chlorides: 63,000; WL: 5  
DC: \$27,240 TWC: \$934,416

**1/2/15:** Depth: 9,185'. Present Operation: C/O shive, raise derrick, and string up new drilling line spool. Condition and circulate mud, TOH, Rig down and lay Derrick over, Repair rig and work on crown shive. Shlumberger wireline truck still grounded due to weather.  
MW: 9.8 ppg; Vis.: 72; Solids 1.20; pH: 10; Chlorides: 63,000; WL: 5  
DC: \$20,400 TWC: \$954,816

**1/3/15:** Depth: 9,185'. Present Operation: Wait on Fuel. TOH to casing shoe. Wait on trucks for diesel. Schlumberger wireline truck still grounded due to weather.  
MW: 9.6 ppg; Vis.: 65; Solids 1.20; pH: 9; Chlorides: 63,000; WL: 5  
DC: \$20,400 TWC: \$975,216

**1/4/15:** Depth: 9,185'. Present Operation: Trip out of hole. Wait on fuel. TIH and condition and circulate mud. Abort open hole logs. TOH to prepare to run 5 ½" casing.  
MW: 9.6 ppg; Vis.: 65; Solids 1.20; pH: 9; Chlorides: 63,000; WL: 5  
DC; \$20,400 TWC: \$995,616

**1/5/15:** Depth: 9,185' Present Operation: Run Casing. Rig up floor and swap boom to run 5 ½ casing. Rig up Lewis Casing Crew and ran 135 joints 5 ½" 17# N-80 and 80 joints 5 ½" 17# L-80 LT&C casing. DV tool set at 7,470'.  
MW: 9.6 ppg; Vis.: 65; Solids 1.20; pH: 9; Chlorides: 63,000; WL: 5  
DC; \$195,524 TWC: \$1,191,140

**1/6/15:** Depth: 9,185'. Present Operation: jetting pits, rig released at 6:00 am. Finished running 5 ½" casing. Circulate and cement first stage with 425 sacks 50:50 Class H Poz Blend mixed at 14.4 ppg. Displaced with 37 bbls fresh water followed by 171 bbls mud. Cement second stage with 330 sacks 50:50 Class H Poz Blend mixed at 11.8 ppg. Cement tail with 100 sacks Class H mixed at 15.6 ppg. Displaced with 162 bbls fresh water. Bump plug at 7:30 pm and rig down cementers. Nipple down BOP and set slips at 10:00 pm. Make final cut and install tubing head.  
DC: \$54,019 TWC: \$1,245,159

**1/7/15:** Depth: 9,185'. Present Operation: rigging down. Rigged down JB Hunt Rig #4 and prepare to move to next location.  
DC: \$128,477 TWC: \$1,373,636

**2/17/15:** Move in Lucky rig.  
DC: \$735 TWC: \$1,374,371

**2/18/15:** RU pulling unit. Set pipe racks and catwalk. Unload 2 7/8" tubing. Tally tubing and DC's. Rig up reverse unit, and install stripping head. PU BHA and RIH with tubing to 6,700'. SDON.  
DC: \$58,907 TWC: \$1,433,278

**2/19/15:** Continue RIH with tubing. Tag DV tool at 7,465'. Test casing to 350 psi for 15 minutes. RIH and tag a little cement at 9,027'. Had good cement on top of float collar. Drilled float collar at 9,098'. Drilled 5' of cement below float collar to 9,103'. Circulate hole and displace with 2% KCl water. POH 5 jts. SDON.  
DC: \$6,735 TWC: \$1,440,013

**2/20/15:** P.O.H. Laydown 2 7/8 tubing and BHA. Fill hole for displacement with 50 bbls 2% KCL. Nipple down stripping head. Nipple up cap. Rig P.U. down and clean mud pit. Mark Hughes back drag Katelyn #6 location. Move P.U. to Katelyn #6 and spot in.  
DC: \$5,175 TWC: \$1,445,188

**3/2/15:** Move in and rig up Schlumberger Wireline and mast. Run Compensated Neutron and Spectral Gamma Ray to 5,500'. Run Cement Bond Log from top of cement at 2,968' with 1,500 psi held on casing while logging.  
 DC: \$15,039 TWC: \$1,460,227

**3/6/15:** RU Allied Wireline Perforate 8944'-8946', 8982'-8984', 9010'-9013', 9028'-9031' all 6 SPF Total 60 holes. Made 3 Dump Bailer runs to spot 5 gal. acid across each of perms. Rd Allied Nu well lead. Shut down over night.

DC: \$10,020 TWC: \$1,470,247

**3/7/15:** Performance Wellhead NU 10K Frac Stack. RU KillTruck. Break Perfs w/ 2% KCI water @ 2500#. Increase Rate to 2 BPM @ 2000# Pump 20 bbls KCI water. SWI will Frac Monday AM 3-9-15.

DC: \$10,920 TWC: \$1,481,167

**3/8/15:** SD until Monday

**3/9/15:** Rig up Pro Petro + Frac Devonian Formation as follows:

Stage	Name	Fluid Type	Stage Volume (Gal.)	Slurry Rate	Prop. Conc.	Stage Prop	Prop Type
1	ACID SPEAR	15% HCl	2500	25	0	0	-
2	Pad	Profor 12	25,000	90	0	0	-
3	Prop	"	14,000	"	0.5	7000	40/70 Prem
4	Prop	"	14,000	"	1	14,000	40/70 Prem
5	Prop	"	22,000	"	1	22,000	30/50 Prem
6	Prop	"	24,000	"	2	48,000	30/50 Prem
7	Prop	"	24,000	"	3	72,000	30/50 Prem
8	Prop	"	16,000	"	4	64,000	30/50 SDC
9	Flush	Slick Water	8700	90	0	0	-

Average Treating Pressure 4617 PSI Avg. Rate 89 BPM

ISIP 2821 PSI 5" SIP-2798 PSI 10" SIP 2744 PSI  
 15" SIP 2706 PSI SWI RD Pro Petro

LWTR 3819 BBLs

**3/10/15:** SWI Prep to Flow Back-RU to Pit and Prep to recover load.

DC: \$138,120 TWC: \$1,619,287

**3/11/15:** SICP 1600#-Install CK and begin flow back to Pit on 16/64" CK- Recovering lead at approximately 60 BFPH. Flowed one hour & pressure dropped to 1350#. Reduced CK size to A 10/64" and recovery load at rate of 30 BPH 1300# FCP. Left on 10/64" CK for two hours and 1250#FCP. Recovery app. 20-30 BFPH. Open CK to 11/64" CK & left flowing to pit overnight. Recovered app 420 BBL load water-All Gel appears to be broken & no sand.  
 DC: \$3720 TWC: \$1,623,007

**3/12/15:** Well still flowing on 11/64" CK @ 20 BFPH no oil cut open choke to 14/64" CK and recovery app. 30 BFPH. Left well flowing until noon and SWI. Flowing pressure had dropped to 300# on 14/64" checked SICP@6pm & was 800#. Left well SI. Plan to RU & Run Packer in am. Recovered app. 100 bbls load & LWTR 3299.

DC: \$2,520

TWC: \$1,625,527

**3/13/15:** SICPC 800am 950#. RU Capitan WL & Lubricator. Ran 4.625" OD Gauge Ring & JB to 8900'. Make up PKR & set on WL. Set 5 1/2' OD AS-1X w/ Carbide inserts & 2.25" profile nipple w/on/ off tool, PKR @ 8860'. Bled pressure to RD Capitan. RD Performance Well Head & NU BOP. SWI. Shut down over night. Have set Tank Battery & are now Hooking up Battery. Install flow line to Battery. Targa to install gas meter for sales line. Will have battery completed tomorrow.

DC: \$79,440

TWC: \$1,704,967

**3/14/15:** MIRU Lucky Well Services. Talley & Rack Tubing. PU on off tool & 272 JTS 2 7/8" OD. 6.5 16/ft. N80 EUE 8 RD tbg. W/ 10'+8'+2' Pony Subs. Displace Hole w/2% KCI water containing Oxygen Scavenger & Corrosion inhibitor. N.D. BOP. Space out & Land tubing. Have 20 pts. compression test Annulus to 500#. Held OK. N.D. BOP. NU tbg valve & upper run. Pump plug out of PKR w/2500#. Have 20 pts compression on PKR. Pump 5 more bbls. Rig up flow line & left well flowing to reserve pit.

DC: \$76,174

TWC: \$1,781,141

**3/15/15:** left well flowing all night to reserve pit. On a 16/64" CK, this am FTP @ 250# & Making a slight oil cut- app. 10% oil. Switch well to Frac Tanks & continue flowing to Frac Tanks recovering app. 20 BFPH. Recovered app. 200 BF LWTR 3099 Rig Down & Release pulling unit.

DC: \$12,156

TWC: \$1,793,297