

**SAMSON  
CHRON COMPLETION REPORT**

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UNIVERSITY 8-13 #1                      040632-0000 OPERATOR . SAMSON LONE STAR, LLC  
PROSPECT . JUNO    CONTRACT . ROBINSON #3  
DEAL . . SRC DRILLING DEALS    SURF LOC . 715' FWL & 828' FNL  
LEGAL . . UNIVERSITY LAND BLK 8 SEC 13                      AFE NO . . 2008DOM0108646  
COUNTY . . ANDREWS    PR TD . . 10,300'  
STATE . . TEXAS  
DISTRICT . 51 51 - W. Texas - Nw  
(1,159/2,642)                      (TL /GC -JF)                      (1/0.75)

02/12/2008 CURRENT DEPTH:              360'    DAILY PROGRESS:              275'

**\*\*SPUD WELL 02/11/08\*\***

Move in Robinson Rig 3-rig up Drilling from 85' to  
360'-WOB=all-RPM=100-360 GPM Circulate and condition hole  
to run surface casing Trip out to run surface casing Rig up  
casing crew-running 13 3/8" 48# H-40 ST&C casing

02/13/2008 CURRENT DEPTH:              1,192'    DAILY PROGRESS:              832'

**\*\*RAN, SET & CEMENTED 13-3/8" CASING\*\***

Finish running 9 joints of 13 3/8" 48# H-40 STC casing -  
shoe @ 355' Float collar @ 312' Circulate and condition  
hole to cement-rig down casing crew Safety meeting with  
Halliburton cementers-rig up Halliburton Test lines to  
1,000 psi-pump 20 bbls of water-400 sxs Premium Plus Cement  
class "C"+1.6% Calcium Chloride-yield=1.34 Weight=14.8  
ppg-water=6.38 gps-drop plug-displace with 43 bbls  
Water-plug bumped-float held-37 bbls of cement to surface  
Cemented @ 6 BPM Rig down Halliburton-wait on cement Cut  
casing-weld on head Nipple up BOPE-function test Make up  
BHA-trip in hole Drilling shoe tract Drilling 360' to  
874'-WOB=20k-RPM=60-362 GPM Wireline survey @ 829' = 1/2  
deg. Drilling 874' to 1,192'-WOB=20k-RPM=60-362 GPM Amy  
with the TRRC notified @ 14:00 hrs-02/11/2008-issued job  
#1591

02/14/2008 CURRENT DEPTH:              3,080'    DAILY PROGRESS:              1,888'

Drilling from 1,192' to 1,350'-WOB=20k-RPM=65-362 GPM  
Wireline survey @ 1,303' = 3/4 deg. Drilling from 1,350' to  
1,858'-WOB=20k-RPM=65-362 GPM Wireline survey @ 1,811' =  
1/2 deg. Drilling from 1,858' to 2,334'-WOB=20k-RPM=65-362  
GPM Wireline survey @ 2,287' = 1 deg. Drilling from 2,334'  
to 2,811'-WOB=20k-RPM=65-362 GPM Wireline survey @ 2,766' =  
1 deg. Drilling from 2,811' to 3,080'-WOB=20k-RPM=65-362 GPM

02/15/2008 CURRENT DEPTH:              4,298'    DAILY PROGRESS:              1,218'

Drilling from 3,080' to 3,288'-WOB=20k-RPM=65-360 GPM-52  
FPH Wireline survey @ 3,241' = 1/2 deg. Drilling from  
3,288' to 3,788'-WOB=20k-RPM=65-360 GPM-50.0 FPH Wireline  
survey @ 3,741' = 3/4 deg. Drilling from 3,788' to  
4,278'-WOB=20k-RPM=65-360 GPM-61.2 FPH Wireline survey @

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4,228' = 3/4 deg. Drilling from 4,278' to  
4,298'-WOB=20k-RPM=65-360 GPM-40 FPH

02/16/2008 CURRENT DEPTH: 4,990' DAILY PROGRESS: 692'

Drilling from 4,298' to 4,622'-WOB=25k-60 RPM-360 GPM-46.3  
FPH Rig service Drilling from 4,622' to 4,749'-WOB=25k-60  
RPM-360 GPM-23.1 FPH Wireline survey @ 4,702' = 3/4 deg.  
Drilling from 4,749' to 4,990'-WOB=25k-55 RPM-360 GPM-23.0  
FPH

02/17/2008 CURRENT DEPTH: 5,280' DAILY PROGRESS: 145'

Drilling from 4,990' to 5,099'-WOB=25k-RPM=60-360 GPM-16.8  
FPH Rig service Drilling from 5,099' to  
5,135'-WOB=25k-RPM=60-360 GPM-36 FPH Circulate hi-vis sweep  
and condition mud to run intermediate casing Spot hi-vis  
pill on bottom Drop survey tool - trip out of hole to run  
casing - proper fill Safety meeting with lay down crew -  
rig up lay down machine Lay down BHA - proper fill Cable on  
lay down machine parted - wait on replacement line -  
install Safety meeting with casing crew - rig up casing  
crew Running 8 5/8" 32# J-55 LT&C casing - wash through  
tight hole in Red beds - 85 joints of 124 joints run @  
report - proper displacement Linda-operator 8-with the  
Texas Railroad Commission notified @ 09:00 hrs - 02/16/2008  
of cementing plans

02/18/2008 CURRENT DEPTH: 5,135' DAILY PROGRESS: 0'

**\*\*RAN, SET & CEMENTED 8-5/8" CASING\*\***  
Finish running intermediate casing-wash through tight areas  
Ran 123 joints of 8 5/8" 32# J-55 LT&C-shoe @ 5,110' - FC @  
5,067' Circulate and condition hole to cement-full returns  
Safety meeting with Halliburton-pump stage 1 cement-20 bbls  
water-lead 720 sxs Interfill C+5 lbm Gilsonite+0.125 lbm  
Poly-E-Flake Weight=11.5 ppg-yield=2.77-water=15.97  
gps-tail= 300 sxs POZ Premium Plus+0.6%Halad(R)-9+5 lbm  
salt-weight=14.2 ppg Yield=1.35-water=6.28 gps-drop wiper  
plug-displace with 309 bbls-plug Bumped-floats held Drop  
Weatherford plug-open DV tool-circulate with rig pump-40  
bbls Cement to surface Stage 2 cement-20 bbls  
water-lead=400 sxs Interfill C+5 lbm Gilsonite 0.125 lbm  
Poly-E-Flake-weight=11.5 ppg-yield=2.77-water=15.97 gps  
Tail=150 sxs Premium Plus-weight=14.8 ppg-yield=1.33-water  
6.34 gps-drop Weatherford plug-displace with 114 bbls water  
Plug bumped-DV tool closed-115 bbls of cement to surface  
Nipple down BOPE-Install 8 5/8" Larkin head-Nipple up BOPE  
and test Clean rig floor-make up new BHA

02/19/2008 CURRENT DEPTH: 5,651' DAILY PROGRESS: 516'

Trip in hole to DV tool @ 1,858' Drilling out DV tool Trip  
in hole to float collar @ 5,065' Drilling shoe tract plus

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10' of new hole Trip out of hole for a PDC bit and new BHA  
Slip and cut drilling line Make up new BHA and trip in hole  
Drilling from 5,135' to 5,590'-WOB=20k-RPM=60-360 GPM-60.7  
FPH Wire line survey @ 5,543' = 1/2 deg. Drilling from  
5,590' to 5,651'-WOB=20k-RPM=60-360 GPM-24.4 FPH

02/20/2008 CURRENT DEPTH: 6,448' DAILY PROGRESS: 797'

Drilling from 5,651' to 5,813'-WOB=20k-RPM=60-360 GPM-32.4  
FPH Service rig Drilling from 5,813' to  
6,067'-WOB=20k-RPM=60-360 GPM-46.2 FPH Wireline survey @  
6,020' = 1/2 deg. Drilling from 6,067' to  
6,448'-WOB=20k-RPM=60-360 GPM-30.5 FPH Encountered a water  
flow containing traces of hydrogen sulfide at +/- 5,200' -  
increased weight of drilling fluid to 8.9 ppg No gain in  
pits while drilling - treated sulfides out of mud system  
BGG=10u-CG=30u-survey gas=120u

02/21/2008 CURRENT DEPTH: 7,125' DAILY PROGRESS: 677'

Drilling from 6,448' to 6,575'-WOB=20k-RPM=60-360 GPM-42.3'  
FPH Wireline survey @ 6,530' = 3/4 deg.-service rig-monitor  
well-no flow Drilling from 6,575' to  
7,084'-WOB=20k-RPM=60-360 GPM-28.3' FPH Wireline survey @  
7,037' = 1 deg. - monitor well - no flow Drilling from  
7,084' to 7,125'-WOB=20k-RPM=60-360 GPM-27.3' FPH  
BGG=14u-CG=56u-survey gas=70u

02/22/2008 CURRENT DEPTH: 7,834' DAILY PROGRESS: 709'

Drilling from 7,125' to 7,243'-WOB=20k-RPM=60-360 GPM-26.2'  
FPH Service rig Drilling from 7,243' to  
7,561'-WOB=20k-RPM=60-360 GPM-26.5' FPH Wireline survey @  
7,514' - 1 1/4 deg. Drilling from 7,561' to  
7,834'-WOB=20k-RPM=60-360 GPM-45.5' FPH  
BGG=40u-CG=55u-maximum gas=250u

02/23/2008 CURRENT DEPTH: 8,489' DAILY PROGRESS: 655'

Drilling from 7,834' to 8,037'-WOB=20k-RPM=60-360 GPM-31.2  
FPH Wireline survey @ 7,992' = 2 1/4 deg. Drilling from  
8,037' to 8,165'-WOB=20k-RPM=60-360 GPM-25.6 FPH Wireline  
survey @ 8,165' = 2 deg. Drilling from 8,165' to  
8,451'-WOB=20k-RPM=60-360 GPM-33.6 FPH Wireline survey @  
8,404' = no survey Drilling from 8,451' to  
8,489'-WOB=20k-RPM=60-360 GPM-38 FPH  
BGG=90u-CG=110u-maximum gas=189u Maximum possible closure  
projected to 8,489' = 122.34'

02/24/2008 CURRENT DEPTH: 9,176' DAILY PROGRESS: 687'

Drilling from 8,489' to 8,514'-WOB=20k-RPM=60-360 GPM-25.0  
FPH Wireline survey @ 8,467' = 2 deg. Drilling from 8,514'  
to 8,800'-WOB=18k-RPM=60-360 GPM-26.0 FPH Wireline survey @

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8,755' = 1 deg. Drilling from 8,800' to  
9,176'-WOB=20k-RPM=60-360 GPM-37.6 FPH  
BGG=100u-CG=160u-Maximum gas=275u-survey gas=170u Maximum  
possible closure projected to 9,176' = 136.5'

02/25/2008 CURRENT DEPTH: 9,924' DAILY PROGRESS: 748'

Drilling from 9,176' to 9,277'-WOB=20k-RPM=60-360 GPM-22.4  
FPH Wireline survey @ 9,230' = 1 deg. Drilling from 9,277'  
to 9,777'-WOB=20k-RPM=60-360 GPM-37.0 FPH Wireline survey @  
9,730' = 1 deg. Drilling from 9,777' to  
9,924'-WOB=20k-RPM=60-360 GPM-36.8 FPH  
BGG=175u-CG=235u-maximum gas=550u-survey gas=330u Maximum  
possible closure projected to 9,924' = 149.51'

02/26/2008 CURRENT DEPTH: 10,400' DAILY PROGRESS: 476'

Drilling from 9,924' to 10,040'-WOB=20k-RPM=60-360 GPM-17.8  
FPH Rig service Drilling from 10,040' to  
10,260'-WOB=20k-RPM=60-360 GPM-44.0 FPH Wireline survey @  
10,215' = 1 deg. Drilling from 10,260' to  
10,400'-WOB=20k-RPM=60-360 GPM-35.0 FPH Circulate and  
condition mud to make a clean up trip Drop survey-SLM out  
of hole-no drag-proper fill Maximum possible closure  
projected to 10,400' = 157.82'

02/27/2008 CURRENT DEPTH: 10,400' DAILY PROGRESS: 0'

**\*\*LOGGING WELL\*\***

Finish trip out of hole Lay down stabilizers-Tri Collar-PDC  
bit-make up roller cone bit Trip in hole-no drag-no  
fill-proper displacement Circulate and condition mud to  
log-displaced 150 bbls of influx water To reserve pit-mud  
weight = 9.05 ppg-vis = 44 Trip out to log-chain out 10  
stands-proper fill-no drag Safety meeting with Halliburton  
loggers-rig up lubricator and tools Logging with  
Halliburton-Dual Spaced Neutron Spectral Density Dual  
Laterolog Microguard-loggers TD = 10,400' - no hole  
problems Monitor well while logging-well flowing one bbl  
each 10 minutes Rig down Halliburton loggers Trip in  
hole-no drag-no fill-full returns Circulating and  
conditioning mud to run casing-displaced 250 bbls Water  
influx to reserve pit-building volume

02/28/2008 CURRENT DEPTH: 10,400' DAILY PROGRESS: 0'

**\*\*RAN, SET & CEMENTED 5-1/2" CASING\*\***

Circulate and condition mud to lay down drill string-build  
volume Safety meeting with Allen's lay down crew-rig up lay  
down machine Lay down drill string-chain out 30 joints-no  
drag-proper fill Safety meeting with Allen's casing  
crew-rig up casing tools Running 261 joints of 5 1/2" 17#  
P-110 LT&C casing-proper displacement Shoe @ 10,393' -  
float collar @ 10,309' - marker jt @ 9,292' DV packer @

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4,982' - no drag - no fill on bottom Safety meeting with Halliburton cementers - rig up cementing head Circulate and condition mud with rig pump - displace 400 bbls Of influx water to reserve pit Cementing with Halliburton-stage 1-lead=275 sxs InterFil-C-@ 11.5 ppg 2.81 yield-16.3 gps water-tail=700 sxs Premium @ 14.4 ppg-1.31 yield 5.95 gps water-drop plug-displace with 130 bbls fresh water-110 bbls 9.5 ppg fresh water mud-plug bumped 500 psi over-floats held Cemented and displaced @ 7.5 bpm-slowed to 3.5 bpm-lost returns 180 bbls into a 240 bbl displacement Spaced casing for Larkin head-drop Davis Lynch DV packer bomb Texas RailRoad Commission notified of procedure-issued job # 1591

02/29/2008 CURRENT DEPTH: 10,400' DAILY PROGRESS: 0'

**\*\*RELEASED RIG @ 12:00 P.M. 02/28/08 - DROP FROM REPORT  
PENDING COMPLETION OPERATIONS\*\***  
Set DV packer - open DV tool - circulate 170 bbls of 9.5 ppg fresh Water mud - full returns - no cement Cementing second stage-pump lead cement=325 sxs InterFil C-11.5 ppg 2.77 yield-15.99 gps water-tail=100 sxs Premium-14.4 ppg-1.31 yield 5.96 gps water-drop closing plug-displace with 117 bbls fresh water Plug bumped-DV tool sleeve closed-17 bbls of cement to surface Rig down Halliburton-monitor 8 5/8" by 5 1/2" annulus-static Nipple down BOPE-set slips in Larkin bowl-back off landing joint Install 5 1/2" screw on Larkin head with cap-rig released @ 12:00 hrs Rigging down-100% and 100% moved to University 8-10 #1

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03/10/2008

**\*\*BEGIN COMPLETION OPERAITONS\*\***  
HELD SAFETY MEETING:

DAILY SUMMARY MIRU WSU.

NU BOP.

Pickup 4 3/4" milltooth bit, 4 3/4" string mill, 6- 3 1/2' DCs, and tubing.

Tag DV tool and LD 5 jts.

Secure well and shutdown

24 HOUR FORECAST: Drillout DV tool and clean out to PBTD.

03/11/2008

HELD SAFETY MEETING:

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DAILY SUMMARY TIH and tag @ 4978'.

Pickup swivel and break cir.

Drill cement to 4998' and drill out DV tool.

Clean up DV tool with string mill.

TIH and tag @ 10310'.

Circulate hole clean.

LD 3 jts.

Secure well and shutdown

24 HOUR FORECAST: Displace hole with 2% KCL, LD tubing.

03/12/2008

HELD SAFETY MEETING:

Pickup 3 jts.

Displace hole with 2% KCL.

LD tubing and BHA.

Secure well and shutdown

24 HOUR FORECAST: Run CBL.

03/13/2008

HELD SAFETY MEETING:

DAILY SUMMARY:

RU HES wireline and RIH with 4.65" GR to PBTD @ 10290', DV tool @ 4983'

POHand LD GR, RIH with radial bond log.

Make repeat section and try to pressure up casing and started injecting @ 1Bbl/min 700psi.

Run main pass with 0psi.

RD HES wireline.

RD and move WSU.

24 HOUR FORECAST: Evaluate bond log.

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03/14/2008

**\*\*DROP FROM REPORT PENDING FURTHER ACTIVITY\*\***  
HELD SAFETY MEETING:

DAILY SUMMARY: No activity.

DROP FROM REPORT UNTIL FURTHER ACTIVITY

03/26/2008

**\*\*RESUME OPERATIONS\*\***  
HELD SAFETY MEETING:

DAILY SUMMARY: MIRU WSU.

SICP 200psi.

Well flowing @ 30 Bbls/hr.

Had high H2S alarm, Pump 80 Bbls 10# brine down casing.

TIH with packer and tubing.

Isolate leak between 5357'-5423'

When coming up with packer, packer hung up @ 5375', work packer free.

TOH with tubing.

03/27/2008

HELD SAFETY MEETING:

DAILY SUMMARY: RU HES wireline and RIH with CCL.

Had small gap in 5358' collar.

POH and RD wireline.

Secure well and shutdown.

24 HOUR FORECAST: Build alignment tool.

03/30/2008

03/28/08 thru 03/30/08 No activity.

03/31/2008

HELD SAFETY MEETING:

DAILY SUMMARY: Pickup casing alignment tool and TIH with

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tubing.

Get on depth with CCL.

Pump tubing volume through retainer.

Set retainer, shear out, sting in, test backside to 500psi.

Establish rate 2.5BPM 850psi.

Pump 10Bbls 10% CaCL, 6 Bbl fresh spacer, 24 Bbls Flo Chek, 300 sx HalCem C mixed @ 14.8PPG.

Slow rate with 5Bbls remaining in tubing, final psi: .3BPM 1250psi.

Sting out of retainer, reverse out.

TOH with tubing and setting tool.

Secure well and shutdown.

24 HOUR FORECAST: TIH with bit and collars.

04/01/2008

HELD SAFETY MEETING:

DAILY SUMMARY: Pickup Baker 4 3/4" mill tooth bit, 6- 3 1/2" DCs.

TIH with 57 stands of tubing.

Secure well and shutdown.

24 HOUR FORECAST: Start drilling.

04/02/2008

HELD SAFETY MEETING:

DAILY SUMMARY: TIH and tag @ 5329'.

Pickup swivel and start drilling cement to retainer @ 5334'

Drill out retainer in 2 hours, then tubing plugged up, could not get tubing cleared.

TIH with tubing and change bit.

TIH with tubing and start drilling @ 5336', drill to 5342'.

Circulate hole clean and LD 2 jts.

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Secure well and shutdown.

24 HOUR FORECAST: Cont drilling.

04/03/2008

HELD SAFETY MEETING:

DAILY SUMMARY: Pickup tubing and swivel and start drilling  
@ 5342'

Drill out @ 5376'

Circulate hole clean and test casing to 500psi, test good.

Pickup tubing and tag bottom @ 10123', start drilling.

Check reverse hand's computer talley and noticed that after  
jt 306 it quit adding his tools to the tubing.

Stop drilling.

Rerun talley, new talley showed that we tagged @ 10305' and  
drilled to 10344'

Circulate hole clean.

Test casing to 500 psi, test good.

Secure well and shutdown.

24 HOUR FORECAST: Displace hole with 2% KCL.

04/04/2008

HELD SAFETY MEETING:

DAILY SUMMARY: TIH and tag bottom, displace hole with 2%  
KCL.

Start LD tubing, stand back 8500'

Pickup Weatherford AS1X packer and TIH with tubing

Set packer @ 8504' and test to 8500psi, test good.

Bleed off release packer and leave hanging.

Secure well and shutdown.

24 HOUR FORECAST: LD tubing.

04/06/2008

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04/05/08 thru 04/06/08 SDFWE.

04/07/2008

HELD SAFETY MEETING:

DAILY SUMMARY: LD tubing and packer.

Secure well and shutdown.

24 HOUR FORECAST: RD and move WSU.

04/08/2008

**\*\*DROP FROM REPORT PENDING FURTHER ACTIVITY\*\***  
HELD SAFETY MEETING:

DAILY SUMMARY:

RDMO.

FINAL REPORT UNTIL FURTHER ACTIVITY

04/10/2008

**\*\*RESUME OPERATIONS\*\***  
HELD SAFETY MEETING:

DAILY SUMMARY:

MIRU WSU.

Move 2 7/8" tubing off piperacks.

Secure well and shutdown.

24 HOUR FORECAST: Change wellhead, perf stage #1.

04/11/2008

HELD SAFETY MEETING:

DAILY SUMMARY:  
Change wellhead to the head needed for frac.

RU HES wireline.

RIH with 3 1/8", 11gm, .42" EHD, 19.15" Titan G outlaw  
casing guns configured 2 SPF 120 degree phasing and pef the  
following intervals:

9948'-9972'

10012'-10046'

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Secure well and shutdown.

24 HOUR FORECAST: PU frac string.

04/13/2008

4/12-4/13/08 No Activity

04/14/2008

HELD SAFETY MEETING:

DAILY SUMMARY:

Unload 2 7/8" and 3 1/2" tubing on pipe racks.

Wait on 12.95# test tools.

RU tubing testers.

Pickup 5 1/2" X 2 7/8" AS1X packer w/ 2.31 X nipple, and on/off tool, 2 7/8" 8rd X 2 7/8" PH6 X-over with frac ring, 4 jts 2 7/8" 7.9# P-110 tubing, 2 7/8" PH6 X 3 1/2" PH6 X-over with frac ring, and 68 jts 3 1/2" 12.95# P-110 tubing.

Test all conections to 5000psi.

Secure well and shutdown.

24 HOUR FORECAST: Cont. PU frac string.

04/15/2008

HELD SAFETY MEETING:

DAILY SUMMARY:

Contunieve picking up 3 1/2" tubing.

Assembly:

1- 5 1/2" X 2 7/8" AS1X packer w/ 2.31 X nipple, and on/off tool,  
1- 2 7/8" 8rd X 2 7/8" PH6 X-over with frac ring  
4- jts 2 7/8" 7.9# P-110 tubing  
1- 2 7/8" PH6 X 3 1/2" PH6 X-over with frac ring  
314- jts 3 1/2" 12.95# P-110 tubing.

EOT @ 9875'

Test conections to 5000psi.

Secure well and shutdown.

24 HOUR FORECAST: PU 6 jts, spot acid, LD 50 jts, set packer, displace acid.

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04/16/2008

**\*\*DROP FROM REPORT PENDING FURTHER ACTIVITY\*\***  
HELD SAFETY MEETING:

DAILY SUMMARY:

Pickup 6 jts to 10060' and spot 500gal 15% Ferchek SC acid.

LD 50 jts of tubing.

Set packer and land tubing.

ND BOP and NU tree.

Test tree to 7000psi.

Displace acid with 25Bbls 2% KCl @ 5.2BPM 3190psi.  
ISIP- 2192, 5min- 2109, 10min- 2101, 15min-2098.

Flow back 10 Bbls and died down to 2.5BPH.

Assembly:

1- 5 1/2" X 2 7/8" AS1X packer w/ 2.31 X nipple, and on/off tool,  
1- 2 7/8" 8rd X 2 7/8" PH6 X-over with frac ring  
4- jts 2 7/8" 7.9# P-110 tubing  
1- 2 7/8" PH6 X 3 1/2" PH6 X-over with frac ring  
270- jts 3 1/2" 12.95# P-110 tubing.

Packer set @ 8507'

Secure well and shutdown.

24 HOUR FORECAST: RD WSU, Wait on frac. Frac scheduled  
4/21/08.

DROP FROM REPORT UNTIL FRAC

04/23/2008

**\*\*RESUME OPERATIONS\*\***  
HELD SAFETY MEETING:

DAILY SUMMARY:

MIRU frac, water transfer, E/L, and pump truck. RU relief valve on csg set @ 1200#. # up csg to 700#. Open well. 1700 SITP. Frac w/86 bbls 15% HCl acid, 179,900# 20/40 Ottawa sand and 4153 bbls fluid. Pumped 3500# 10# sand plug. Flush. SD. ISIP-2497#. Ave 32.6 BPM. Pavg-7453#. SWI. PU GR, CCL, and 1 11/16" sinker bar. Test lubricator to 2000#. Open well. RIH. Correlate to neutron log run 2-26-08. Set down @ 10300'. POOH. SWI. Bled off #. NU frac. Pumped 5500# 10# ppa sand plug. SWI. NU E/L. Test

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lubricator to 2000#. Open well. RIH. Correlate. Tag @ 10250'. POOH. SWI. Bled off #. RD E/L, frac, and pump truck. RU flowback.  
Open well @ 5 PM w/2300# on 8/64 choke to tk.

Load to recover-4153 bbls.

24 HOUR FORECAST: Flowback.

04/24/2008

HELD SAFETY MEETING:

DAILY SUMMARY: Flowback.

TIME	CHOKE	TP	MCF	OPH	WPH	COMMENTS
8 PM	12/64	2350	0	0	60	
12AM	18/64	2150	0	0	131	
4 AM	18/64	1900	0	0	125	
8 AM	20/64	1550	0	0	112	
12PM	24/64	650	0	0	107	
4 PM	open	5	0	0	43	trace of oil,gas

Load to recover-4153 bbls.

Load recovered today-2328

load to recover-1825 bbls

24 HOUR FORECAST: Flowback.

04/25/2008

HELD SAFETY MEETING:

DAILY SUMMARY: Flowback.

TIME	CHOKE	TP	MCF	OPH	WPH	COMMENTS
8 PM	open	5	0	0	18	
12AM	open	5	0	1	16	
4 AM	open	5	0	1	13	
8 AM	open	5	0	1	11	
12PM	open	5	0	1	10	
4 PM	open	5	0	1	8	

Release flowback. Left well open to tk on 24/64 choke.

Load to recover-1825 bbls.

Load recovered today-340

load to recover-1485 bbls

Recovered 11 bbls oil.

24 HOUR FORECAST: Final report until further activity.

05/04/2008

04/26/08 thru 05/04/08 No activity.

05/05/2008

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HELD SAFETY MEETING:

DAILY SUMMARY: Road unit from Suggs Lease to Univ Lease  
05/02/08  
MI RU on University 8-13-1 05/05/08  
check psi tubing nofluid gas shadow  
No Pressure on casing  
RU Key pump truck pump 15 Bbls 10# Brine down tubing  
ND wellhead NU BOP Release PKR POH with tubing & PKR  
SIW SDFN

load to recover-1485 bbls

24 HOUR FORECAST: Halliburton will set Frac plug @ 9800'  
Perf 9628-9636,9650-9656,9673-9677 2SPF.

05/06/2008

HELD SAFETY MEETING:

DAILY SUMMARY: check psi 30# SICP  
RU HES Wireline  
PU RIH with 5 1/2" Comp Frac Plug & 3 1/8" Perf Gun  
Correlate check collars Set Plug @ 9,800'  
PU correlate Perf 2SPF from 9,673' to 9677'  
POH PU 2nd Gun RIH Correlate Perf 9,650' to 9,656' 2SPF &  
9,628'- 9,636' 2SPF  
POH RD HES SIW SDFN

load to recover-1485 bbls

24 HOUR FORECAST: Test Tubing BIH Spot acid across new  
perfs  
Set PKR Brkdwn & flush acid into perfs

05/07/2008

HELD SAFETY MEETING:

DAILY SUMMARY: check psi 35 SICP  
Blow down casing  
RU Tubing tester  
Test pkr, 4 jts 2 7/8" tubing, 94 jts 3 1/2" tubing to  
6,000 psi o.k.  
Casing unloaded SIW Hook up casing to flowback tank well  
continued to flow  
RU Pump Truck pump 3.5 Bbls 10# Dwn casing well pressured  
up could not circulate due to testers tool in tubing  
Blow down tubing fish out tool  
Displace casing & tubing with 10# used 68 Bbls  
Secure well SD due to windy conditions  
Pulled 165 Bbls water off flow back tank  
Recovered total 73 Bbls fluid from well

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load to recover-1412 BLWTR.

24 HOUR FORECAST: Finish test tubing in well acidize new  
perfs

05/08/2008

HELD SAFETY MEETING:

DAILY SUMMARY: check psi OSITP oSICP  
RU Hydrotester Test & RIH with tubing & PKR  
Tubing pushing test tool upin tubing RD Tester RU Pump  
Truck Displace tubing with 10# Brine  
Finish RIH Tubing test o.k.  
ND BOP NU Tree Test Tree o.k.  
RD Tester  
RU Acid Pump Psi test casing500 psi o.k. Brkdwn perfs  
2600 psi  
Displace acid in perfs  
Avg rate 5.5 BPM avg psi 2450  
ISIP 1550,5 min 1329, 10 min 1290 15 min 1260  
RD Acid pump Bleed off well unloaded 4 Bbls & died  
RDMO  
2 7/8"x 5 1/2" AS1X PKR with 2.31" Nipple & on off tool @  
8507'

05/09/2008

HELD SAFETY MEETING:

DAILY SUMMARY: Frac.  
MIRU frac, pump truck, and water transfer. Test backside  
pop-off to 1200#. Test frac lines to 9875#. Pressure up  
backside to 500#. Open well. SITP-163#. Breakdown formation  
@ 6 BPM @ 2949#. Frac w/32 bbls 15% HCI acis, 2612 bbls  
fluid, and 103,580# 20/40 Ottawa.  
Got 12,744# of 3# 20/40 Ottawa sand in formation. Pressure  
increase. Sand was cut and tbg flushed. SD. ISIP-1607#. Ave  
pressure-7990#. Ave rate-31 BPM. Load to recover-2612 bbls  
Bled off backside pressure. RD frac, pump truck, and water  
transfer. Open well to tk w/600# tbg pressure.

TIME	CHOKE	TBG#	OPH	WPH	MCF	COMMENTS
3:30PM	12/64	600				
4:30PM	12/64	520		30		slight gel
6 PM	16/64	210		23		slight gel

Load to recover-2612 bbls  
Load recovered today-93 bbls  
Load left to recover-2519 bbls

Forecast- Flowback.

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05/10/2008

HELD SAFETY MEETING:

DAILY SUMMARY: Flowback.

TIME	CHOKE	TBG#	OPH	WPH	MCF	COMMENTS
10PM	24/64	100	0	25		
2 AM	open	10		16		slight trace of oil
6 AM	open	10	1	15		
10AM	open	5	1	9		
2 PM	open	5	1	13		
6 PM	open	5	1	10		

Load to recover-2519 bbls  
Load recovered today-411 bbls  
Load left to recover-2108 bbls

Forecast- Flowback.

05/11/2008

HELD SAFETY MEETING:

DAILY SUMMARY: Flowback.

TIME	CHOKE	TBG#	OPH	WPH	MCF	COMMENTS
10PM	open	5	0	4		
2 AM	open	3	1	5		
6 AM	open	3	0	2		
10AM	open	3	0	2		
2 PM	open	3	0	2		Release flowback. Left

well open on 18/64 choke.  
Load to recover-2108 bbls  
Load recovered today-81 bbls  
Load left to recover-2027 bbls  
Recovered 29 bbls oil total.

Forecast- Final report until further activity.

05/12/2008

**\*\*DROP FROM REPORT PENDING FURTHER ACTIVITY\*\***

05/13/2008

**\*\*RESUME OPERATIONS\*\***

HELD SAFETY MEETING:

DAILY SUMMARY: MIRU WSU.

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ND tree, NU BOP.

Release packer and LD 168 jts.

Secure well and shutdown.

24 HOUR FORECAST: LD tubing

05/14/2008

HELD SAFETY MEETING:

DAILY SUMMARY: Finish LD frac string and packer.

ND BOP and wellhead, install 8 5/8" Larkin wellhead.

Change studs and pipe rams in BOP, NU BOP.

Load 3 1/2" tubing on trucks.

Move 2 7/8" tubing to pipe racks.

Talley pipe.

Pickup 4 3/4" bit, bit sub, and 290 jts tubing.

Secure well and shutdown.

24 HOUR FORECAST: Clean out with foam unit.

05/15/2008

HELD SAFETY MEETING:

DAILY SUMMARY:

TIH and tag @ 9733', RU swivel and unload hole. Start washing and fall through small bridge.

TIH and drill out CBP @ 9800'

TIH and tag @ 10086', unload hole again.

Drill out bottom of CBP and wash sand to 10340'

Kill tubing and LD 24 jts tubing.

Pull 12 stands.

Secure well and shutdown.

24 HOUR FORECAST: Run production.

05/16/2008

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HELD SAFETY MEETING:

DAILY SUMMARY:

Finish TOH with tubing and bit.

TIH with tubing, assembly @ bottom of page.

ND BOP, set TAC, and land tubing in wellhead with 15K tension.

Secure well and shutdown.

24 HOUR FORECAST: Run rods

Tubing in hole:

KB		15'
2- 2 7/8" mj w/ BP and 20' GA	65.25'	
1- 2 7/8" 4' perf sub		4.10'
1- 2 7/8" MHD SN		0.85'
26- jts 2 7/8" 6.5# L-80 tubing	847.25'	
1- 2 7/8" X 5 1/2" 50K TAC	2.85'	
266- jts 2 7/8" 6.5# L-80 tubing	8667.05'	
SN @ 9532'		
TAC @ 8682'		

05/18/2008

05/17/08 thru 05/18/08 No activity.

05/19/2008

HELD SAFETY MEETING:

DAILY SUMMARY:

RIH with rods, assembly @ bottom of page.

Load and test tubing to 500 psi, test good.

Build wellhead assembly.

Leave unit on hand and WSU rigged up.

TOTAL LOAD TO RECOVER: 3439 BBLs

24 HOUR FORECAST: Check pump, RD, move.

=====  
Anchor test date: 2/08  
Well head flange size: 8 5/8" Larkin  
=====

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Tubing in hole:

KB	15'
2- 2 7/8" mj w/ BP and 20' GA	65.25'
1- 2 7/8" 4' perf sub	4.10'
1- 2 7/8" MHD SN	0.85'
26- jts 2 7/8" 6.5# L-80 tubing	847.25'
1- 2 7/8" X 5 1/2" 50K TAC	2.85'
266- jts 2 7/8" 6.5# L-80 tubing	8667.05'
SN @ 9532'	
TAC @ 8682'	

Rods in hole:

1- 2 1/2" X 1 1/2" 24' pump w/HVR, PAP, Calf pattern  
1- no tap tool  
1- 26K shear tool  
1- 7/8" 4' stabilizer bar w/ 3/4" pins  
6- 1" D rods  
280- 3/4" T66 rods  
91- 7/8" T66 rods  
1- 2' 7/8" T-66 rod subs  
1- 1 1/2" 26' polish rod with 1 3/4" 14' liner.

05/20/2008

HELD SAFETY MEETING:

DAILY SUMMARY:

Check pump, pumping good.

RD and move WSU.

TOTAL LOAD TO RECOVER: 3439 BBLS

24 HOUR FORECAST: Production test.

FINAL REPORT

05/21/2008

11 BO, 184 BW

05/22/2008

28 BO, 174 BW

05/23/2008

39 BO, 132 BW

05/24/2008

6 BO, 11 BW

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05/25/2008

61 BO, 99 BW

05/26/2008

45 BO, 107 BW

05/27/2008

105 BO, 88 BW

05/28/2008

33 BO, 50 BW, DCP should hav us on line first AM

05/29/2008

61 BO, 74 BW, 51 MCFD

05/30/2008

52 BO, 58 BW, 88 MCFD

05/31/2008

28 BO, 66 BW, 109 MCFD, Unit DOA belts off

06/01/2008

0 BO, 0 BW, 10 MCFD, Unit down awaiting repairs

06/02/2008

0 BO, 0 BW, 0 MCFD, Unit down awaiting repairs

06/03/2008

0 BO, 0 BW, 0 MCFD, unit back in service H/R @ 1:30 pm

06/04/2008

66 BO, 93 BW, 10 MCFD, pumping good gas coming back around

06/05/2008

61 BO, 52 BW, 27 MCFD

06/06/2008

61 BO, 88 BW, 100 MCFD

06/07/2008

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41 BO, 33 BW, 68 MCFD

06/08/2008

**\*\*FINAL REPORT - DROP FROM REPORT\*\***  
55 BO, 35 BW, 35 MCFD

06/09/2008

**\*\*RESUME OPERATIONS\*\***  
22 BO, 39 BW, 24 MCFD, TP 59#, CP 75#, unit found to be on  
auto, switched to hand

06/10/2008

30 BO, 33 BW, 15 MCFD, TP 60#, CP 75#

06/11/2008

19 BO, 28 BW, 8.4 MCFD, TP 58#, CP 70#, Free Fluid above  
the pump @ 20' , switched unit over to poc, will get  
another shot next test.

06/12/2008

19 BO, 22 BW, 5 MCFD, TP 59#, CP 72#, GFFAP still @ 20' we  
may want go ahead and lower the tbg.

06/13/2008

22 BO, 14 BW, 0.7 MCFD

06/14/2008

22 BO, 22 BW, 0 MCFD

06/15/2008

28 BO, 30 BW, 0 MCFD

06/16/2008

25 BO, 28 BW, 0 MCFD

06/17/2008

8.25 BO, 11 BW, 0 MCFD, well down 19hrs due to Elec. Storm.  
Back running on hand.

06/18/2008

33 BO, 38 BW, 0 MCFD

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06/19/2008

29 BO, 28 BW, 25 MCFD

06/20/2008

21 BO, 22 BW, 1 MCFD, Unit was down / found bad fuse,  
restart.

06/21/2008

25 BO, 19 BW, 1 MCFD

06/22/2008

28 BO, 28 BW, 1 MCFD

06/23/2008

19 BO, 25 BW, 8 MCFD

06/24/2008

22 BO, 22 BW, 1 MCFD

06/25/2008

22 BO, 22 BW, 3 MCFD

06/26/2008

19 BO, 22 BW, 2 MCFD

06/27/2008

19 BO, 19 BW, 1 MCFD

06/28/2008

22 BO, 25 BW, 2 MCFD

06/29/2008

19 BO, 22 BW, 3 MCFD

06/30/2008

19 BO, 19 BW, 1 MCFD

07/01/2008

\*\*DROP FROM REPORT PENDING FURTHER ACTIVITY\*\*  
19 BO, 14 BW, 1 MCFD