

## Kevin Myers

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**From:** "Kevin Myers" <kevinmyers@grandecom.net>  
**To:** <UTL: Daily Reports>  
**Sent:** Monday, December 05, 2016 11:55  
**Subject:** Fw: WYCO Oil & Gas - University 20-12 #1 - Winkler County, Texas: Daily Reports  
 We previously sent the following daily reports to University Lands back in April 2014 and June 2015, but none of them are showing up on the University Lands web site. These reports are also included in the attached PDF file. Please add these reports to the online records for this well.

Thanks,  
 Kevin M.

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**WYCO Oil & Gas LLC**  
**University 20-12 #1**  
**Winkler County, Texas**  
**Daily Reports**

**2014-03-19**

Myers Oil Company LLC (WYCO partner) made winning bid for approximately 40 acre lease containing this well at University Lands lease sale number 125.

**2014-03-24**

Myers Oil Company submitted offer to Oxy to acquire this wellbore and associated equipment in exchange for acceptance of plugging and surface remediation liabilities.

**2014-03-25**

Myers Oil Company was contacted by Oxy, and informed that Oxy was already on location with operations underway to plug this well. Myers Oil Company and WYCO made a deal on extremely short notice to acquire the wellbore and equipment from Oxy, and terminate their plugging operations.

**2014-03-26**

WYCO started temporary operations to reinstall rods and tubing pulled by Oxy.  
Immediate re-installation is necessary to prevent theft and deterioration of equipment.

Purchased connections to measure surface pressures and shoot fluid level at Liberty Supply in Wink.  
 Arrive on location at approximately 8AM.  
 Oxy still on location moving off equipment.  
 Checked tubing pressure - dead (Oxy said they pumped at least 75 bbl of 10 ppg BW to kill well).  
 Checked casing - moderate gas blow estimated 50 psi, blew down in about 2 minutes.  
 WO & set rig mat from Chance Oil Tools.  
 MIRU Red Diamond Energy Services pulling unit.  
 Hook up M&W Hot Oil Service kill truck to csg and trickle 10 ppg BW down back side to keep well dead.  
 NDWH, continue POH 2.875" tubing from where Oxy had left off.  
 MI pipe racks from Chance Oil Tools.  
 Shorty's backhoe service transferred 196 jts 2.875" OD 6.5 #/ft L-80 EUE 8R tubing previously pulled by Oxy from ground to pipe racks.  
 Finish POH and stand back remaining tubing, detail as follows:

179 jts 2.875" OD 6.5 #/ft L-80 EUE 8R tubing

5.5" x 2.875" tubing anchor  
 5 jts 2.875" OD 6.5 #/ft L-80 EUE 8R tubing  
 2.875" OD HD EUE 8R blast joint  
 2.875" OD mechanical hold-down seating nipple (good condition)  
 4 ft 2.875" OD 6.5 #/ft L-80 EUE 8R tubing sub  
 2 ft 2.875" OD EUE 8R slotted de-sander  
 1 jt 2.875" OD 6.5 #/ft L-80 EUE 8R tubing as mud anchor / sand catcher  
 2.875" OD EUE 8R bull plug

Finish loading hole with total of approximately 40 bbls of 10 ppg BW

NU 10K psi x 5K psi adapter spool and 5K psi manual BOP.

Tallied first row of tubing on racks.

WO & RU Archer Wireline.

RIH w/gamma ray, 2' perf gun, & 4' perf gun, both guns loaded 4 JSPF, 19 gm charges, 0.40 inch entry, 36" penetration, 90 deg phasing.

Stopped at top of Delaware to check Gamma Ray tie-in. Could not correlate.

Adjusted multiple settings, tried logging deeper, only achieved extremely vague tie-in at best.

Proceeded to top of Bone Springs. Got good tie-in. Possible NORM in wellbore up hole.

Continue in hole to perf depth. Tie in to open hole Schlumberger CN-LD-GR dated 1995-11-03.

**Perf additional BS3 pay 11641' - 11643' and 11648' - 11652'.** All shots appeared to fire ok and on depth.

Perfs were performed approximately 2300 psi under-balanced based on original reservoir pressure and 10 ppg BW in hole.

No noticeable surface pressure increase after perforating.

RD Archer Wireline and M&W Hot Oil kill truck.

CI & SDON.

#### 2014-03-27

Bleed pressure off csg in 1 minute, all gas.

Start bldg dn tbg, got oil to surface.

Call out vacuum truck.

Connect hose from tbg to csg & equalize pressure.

Bleed off additional gas in 15 sec.

POH w/kill string.

GIH w/bull plug, 1 jt 2.875" OD 6.5 #/ft L-80 EUE 8R tbg as mud anchor, 2.875" OD x 2 ft slotted de-sander, 2.875" OD x 4 ft 6.5 #/ft L-80 EUE 8R tbg sub, mechanical hold down seating nipple, and 2.875" OD EUE 8R blast joint.

WO, unload, tally, & run 6 new jts 2.875" OD 6.5 #/ft L-80 EUE 8R tbg, then new 5.5" x 2.875" TAC.

Start tally & test in hole to 7000 psi with old 2.875" OD 6.5 #/ft L-80 EUE 8R tbg from derrick.

Left out slightly pitted joint from right above blast joint, and badly pitted joint from right above TAC.

Got 46 stands old tbg in hole by lunch time, then had to CI & SDON due to high winds.

#### 2014-03-28

Bleed pressure off csg & tbg in 5 min, all gas.

Connect vacuum truck to casing.

Finish tallying and testing old tbg in hole to 7000 psi, complete tubing detail as follows:

373 jts old 2.875" OD 6.5 #/ft L-80 EUE 8R tubing (old)  
 5.5" x 2.875" tubing anchor (new)  
 6 jts 2.875" OD 6.5 #/ft L-80 EUE 8R tubing (new)  
 2.875" OD HD EUE 8R blast joint (old)  
 2.875" OD mechanical hold-down seating nipple (old, good condition)  
 4 ft 2.875" OD 6.5 #/ft L-80 EUE 8R tubing sub (old)  
 2 ft 2.875" OD EUE 8R slotted de-sander (old)  
 1 jt 2.875" OD 6.5 #/ft L-80 EUE 8R tubing as mud anchor / sand catcher (old)  
 2.875" OD EUE 8R bull plug (old)

Per tally, TAC depth is 11528.40', SN depth is 11752.83', btm of bull plug is approximately 11793'. All depths relative to original KB elevation.

Did not bust any joints. Left 2 pitted jts and 5 other extra jts old tbg on location to be picked up.

ND BOP, set TAC in 16 pts tension, NU WH. Release vacuum truck.

RD & release Red Diamond pulling unit, Chance Oil Tools BOP, rig mat, and pipe racks.  
SD & CI well for weekend.

Saturday: TRC/Fiberflex to pick up all sucker rods for inspection.

Monday: Plan to pump 100 bbls 2% KCL water with corrosion inhibitor and biocide down tubing then CI well pending receipt of recorded lease from University Lands, signed assignment from Oxy, and installation of rods, pumping unit, flow lines, separator, tank battery, and flare.

#### **2014-03-29 thru 2014-04-22**

Waiting on wellbore assignment and P-4 from Oxy.

#### **2014-04-23 thru 2014-07-16**

Wait on quotes for tank battery equipment and construction, and work on other wells.

Built pea gravel pad, moved in and set new 500 bbl fiberglass water tank and 500 bbl steel oil tank from University 21-34 #1. Repaired bullet hole in oil tank. Built berm around tanks. Set production separator, installed flow lines. Opened up tbg and flowed to oil tank, strong gas for 1 min, then oil. Flowed total of 11.125" fluid to tank then CI.

#### **2014-07-17**

Review and analysis of Oxy well test and production data suggests possible casing leak. Request and wait on well file info and cement bond log from Oxy.

#### **2014-07-20**

SITP 355, SICP 770. Oil tank 0' 11.125". Open tbg to tank, oil to surf in 1 min. Flow 1.25 hrs then SI. Still slugging some at end of test. New oil tank level 1' 2.875". Made 3.75" or about 10 BO.

#### **2014-07-21 thru 2014-08-01**

Continue waiting on well files and bond log from Oxy.

#### **2014-08-02 thru 2014-08-06**

Wait on WSU to run packer, test for leak, and set packer to isolate leak if necessary.

#### **2014-08-07**

MIRU Red Diamond WSU, SDFN.

#### **2014-08--08**

SITP 200, SICP 570. Open tbg to tank at 07:45, blew dn in 15 min. Open csg to tank, blew dn in 45 min. Good oil from both. Oil tank level now 1' 8.75". ND WH, release TAC, NU BOP, TOH w/373 jts 2.875" tbg, TAC, 6 jts, SN, 1 jt, perf sub. RIH w/ 5.5" 23 #/ft x 2.375" Arrowset 1X pkr, 1.78" profile nipple, 5.5" T-2 on-off tool, and 2.875" SN on 2.875" tbg. Started kicking at 1800 ft. Pump 10 bbl 10# BW dn tbg. Run 195 jts, set pkr at 6063'. Pressure up on csg, blew donut bolt out of WH, repair. Pressure up to 1000 psi, bleed off to 800 psi, then pump steady 0.8 bpm at 800 psi. No blow on tbg. Apparent csg leak above 6063', but uncertain if packer was holding. Continue in hole with pkr on additional 128 jts tbg to 10000'. CI & SDFN.

#### **2014-08-11**

SICP 200, SITP 0. Circ 10# BW to kill well. Cont in hole w/tbg. Well started kicking, flowed dn in 47 min to tank. Ran total of 375 jts 2.875" tbg, circ 240 bbls fresh water, ND BOP, set pkr at 11593' - 11598'. NU WH & CI, clean loc, RDMO WSU, SDFN.

#### **2014-08-12**

No report.

#### **2014-08-13**

15:00 SICP 280, SITP 490. Cracked open tbg valve, blew gas 4 min then went to oil at 300 psi. In 17 min FTP 120 psi. In 30 min occasional trickle to tank. SI. Oil tank level 4' 3.5" (includes some water).

#### **2014-08-14**

Haul bottoms (BS&W) off oil tank. New oil tank level 2' 2.375".

#### **2014-08-15**

SITP 590, SICP 390. Open to tank, oil to surf in 1 min. Still flg by heads in 30 min. Still flg slightly after 1 hr 50

min. Oil tank 2' 4.5". SI tbq. Bled csg from 390 to 180 psi then got oil to surf and SI. Re-open tbq & leave open to tank overnight.

#### **2014-08-16**

SICP 260, FTP 0. Oil tank 3' 1.375". Made 11" since opening up on 8/15, or about 29 BO. Made about 8.875" or about 24 BO overnight. Left open to tank.

#### **2014-08-17**

No report.

#### **2014-08-18**

Made 7.7 BO since 8/16.

#### **2014-08-19**

Made 2.75" since 8/18, or 7.3 BO.

#### **2014-08-20**

1" loss of oil in tanks. Might be vaporization loss due to high temperatures.

#### **2014-08-26**

MIRU swab unit. Made 7 runs, rec 52.6 bbl, tank 5' total / 3' 5" water, 166 BF / 113 BW. CP 620, TP 0, IFL 650', FFL 3300'. CI & SDON.

#### **2014-08-27**

ONSI TP 750, CP 620. Repl leaking cnx. Continue swabbing. 8th run 6400'-7777', 1500' fluid. 9th 6500' - 7900', 1130' fluid. 10th 6600' - 8000', 1240'. Rec 68 bbl. Getting emulsion with oil on all runs, but no good gas after flow. Steady blow at 10-15 psi. Color cut oil tank: 60 BO, 260 BW. 11th run 6750' - 8500', 1570' fluid. 12th 7100' - 9000', 1700' fluid. 13th 7450' - 9500', 2000' fluid. FFL 7500'. Made 13 total runs in 8 hrs, rec 107 bbl total, flowed 9 bbl. 37 BO, 70 BW. All runs 3% to 15% oil.

#### **2014-08-28**

ONSI TP 360, CP 640. Blew dn in 20 min all gas then settled at 30 psi. Waited on fluid 30 min. IFL 4200'. First run 4200' - 5400', rec 1500'. Fluid hit surf 7 min after making first run, all oil with emulsion. Flowed 1 min. RIH w/swab, FL scattered, solid at 5300', pulled from 6500'. 3rd run 5700' - 6900', rec 1230'. 4th run 6000' - 7200', rec 1200'. Changed cups & flags. 5th run 5900' - 7200', rec 1300'. 6th run 6300'. After 9 runs. CP 640, TP 10. Rec 66 BF, 28% oil, 19 BO 47 BW. 9th run 7350' - 9000', rec 1400', FL 7400'. After 13 runs, rec 98 BF, 23 BO, 73 BW, 23% oil. 13th run FL 7950'. Made 14 total runs, CP 640, TP 10. Rec 106 BF, 22% oil, 24 BO, 82 BW. Last run from 10000 ft. Drop 6 soap sticks. Total 86 BO in tank. CI & SDFN.

#### **2014-08-29**

ONSI TP 300, CP 655. IFL 4775, pull from 6500', rec 1550', 100% oil. After flow 2-3 min at 40 psi, est 300' oil. CP 660, TP 20. 2nd run FL 6800'. Made 4 total runs, rec 29 BF, 45% oil cut, FFL 7000'. CP 640 TP 10. CI & RD swab unit.

#### **2014-08-31**

Oil tank 6' 5" / 3' 7", 94 BO & 119 BW. Set plunger lift to open at 600 psi.

#### **2014-09-02**

Flow well 44 min. Strong blow of gas, oil hit in 10 min. Flowed 13.8 BO, 0 BW. Lowered plunger lift setting to 500 psi. Dropped 4 soap sticks on plunger.

#### **2014-09-16**

CP 500. Oil tank level 4' 4" after pulling water off bottom. Plunger lift not effective. Pull plunger, could not retrieve bottom spring on top of SN. Apparent trash on top of spring.

#### **2014-09-24**

Construct caliche pad, position concrete base, install Tundra/SSI Lift Systems Model 400 pumping unit with 288 inch max stroke and 60 hp hydraulic power unit.

#### **2014-10 thru 2015-04**

Communicate with offset operators Endeavor, Oxy, Cimarex, and XTO to obtain permission for

electrical connection and deduct meter. Finally made a deal with XTO. Continue flowing well intermittently, approximately one day per week.

**2015-04-22 thru 2015-06-01**

Arrange trade/purchase with TRC for rod string, send AFE to partners, and wait for approvals re same. Continue flowing well intermittently, approximately one day per week.

**2015-05-13**

Dixie Electric completed installation of electric line, set meter base, disconnect, and lightning rod.

**2015-05-27**

SICP 305, SITP 490. Opened each to tank with strong blow of gas and oil to surface in approximately one minute. Flowed each to tank for 5-10 minutes. Made approximately 2-3 inches oil in tank.

**2015-05-29 thru 2015-06-17**

Wait on and obtain additional well file information and additional P-4 from Oxy. Continue flowing well intermittently, approximately one day per week. Current oil tank level 6' 2".

Producing interval for flow from tubing is new 3rd Bone Springs sand perfs at **11641' - 11652'** and old 3rd Bone Springs sand perfs at **11700' - 11806'**. Producing interval for flow from casing is apparently old Bone Springs Carbonate perfs at **10310' - 10354'**.

Final report pending receipt of allowable from RRC, and installation of rod string.