

**DAILY REPORT FOR 01/24/2017 WYCO O/G**

**UNIVERSITY 20-12 #1 REPORT DAY 1**

08:00 SAFETY MEETING

08:20 CHECK TBG PSI 250 PSI CSG PSI 280 PSI

DIG DIRT PIT/LINE PLASTIC, LEVEL OFF LOCTION, SPOT BASIC ENERGY EQUIPMENT, WIND SOCK

WAIT ON WOR LOST WAY TO LOCATION

11:40 RIG ARRIVES ON LOCATION

SPOT FRAC TANKS FILL 3 LOADS F/W, PUT 1 LOAD F/W IN REVERSE PIT, SPOT LIGHT TOWERS.

14:38 PUMP 6 BBLS DOWN ANNULUS @ 1200 PSI, PUMP 3 BBLS F/W DOWN TBG 800 PSI SD BLEED OFF TBG/ANNULUS RECOVERED FLUID PUMPED. WELL FLOWED BACK LITTLE OIL/GAS CUT WATER.

15:02 FUNCTION TEST BOP, CUMMULATOR OUT OF FUEL, WAIT 1 ½ HRS

17:16 NU BOP, RU LINE TO DIRT PIT, FLARE SYSTEM RU

18:00 RELEASE ARROW SET PKR, FLUID UTUBE OIL/WATER, CLOSE VALVE, REPLACE TBG VALVE WITH BETTER VALVE, RIG HAD NO TIW VALVE. RIG TIME WILL BE 4 HRS @ 230.00

18:00-24:00 NO ACTIVITY

19:00 SWI/SDFN

**DAILY COST:**

BASIC RIG #1729 4 HRS \$ 920.00

WATSON PACKER TOOL HAND \$900.00

EPI CONSULTANT \$1500.00

MOORE ROUSTABOUT \$800.00

BACKHOE \$800.00

BASIC TRANSPORT WATER EST @ \$500.00

WELLHEAD CONNECTION \$500.00

BASIC REVERSE PKG \$1500.00

BASIC TRUCKING \$2500.00

BASIC REVERSE UNIT \$1,500.00

**TOTAL COST \$11,420.00 +15% TAX= \$13,133.00**

**WYCO OIL-GAS  
UNIVERSITY 20-12 #1  
DAILY REPORT 01-25-2017 REPORT DAY 2**

07:30 WAIT ON CREW TO CHECK TBG/CSG PRESSURE  
BASIC ENERGY CREW ON LOCATION 09:00 HAD SAFETY MEETING IN MIDLAND.  
09:15 HELD TAILGATE SAFETY MEETING ON LOCATION  
09:30 TBG 300 PSI / CSG 200 PSI  
BLEED PSI OFF WELL FLOWING WATER NO OIL  
10:30 RIH 1 JT TO MAKE SURE PKR RELEASED OK, POOH STDBACK TBG/PKR TALLY TBG  
PULL 20 STDS  
12:30 LUNCH BREAK  
13:15 CONTINUE POOH STDBACK TBG/TALLY, WELL FLOWING LITTLE WATER.  
15:30 91 STDS OUT HALF WAY BASIC IMPROVING ON PERFORMANCE.  
18:00 OOH 375 JTS 2 7/8" TBG / LD PKR, PKR IN GOOD SHAPE, HAD SMALL AMOUNT OF PARAFIN, MOST  
LIKELY FROM TOP OF WELL, RUBBERS GOOD SHAPE, NO CORROSION.  
18:30 RD BJ TONG., RU FOSTER TONGS, MU WATSON 5 1/2" BP/PKR, RIH 10 STDS,  
19:00 SWIFN

**DAILY COST:**

BASIC ENERGY \$ 2500.00  
BASIC REVERSE UNIT/OPERATOR \$1,500.00  
EPI CONSULTANT \$ 1500.00  
MOORE TRANSPORT \$ 300.00  
BASIC CHART RECORDER \$ 75.00  
WATSON OPERATOR/TOOLS \$3400.00

**CUMULATIVE COST: \$ 23,799.25**

**TOTAL COST \$ 9,275.00 + 15%=\$10,666.25**

WYCO OIL/GAS  
UNIVERSITY 20-12 #1      REPORT FOR DAY 3  
01/26/2017

07:30 ON LOCATION  
08:30 SAFETY MEETING  
CSG PSI 200 BLEED OFF TO 0 PSI  
08:45 RIH TBG, CSG OPEN, WATER FLOWING OVER OUT TBG, ORDER 100 BBLS 10 PPG BRINE  
09:10 TRY TO RUN TBG SLOW WATER STILL FLOWING OUT TBG SD. BLACK WATER FLOWING OUT CSG ,  
GAS CUT. 47 JTS IN HOLE.  
10:43 BRINE ON LOCATION, RU TO PMP UNIT PMP 20 BRINE DOWN CSG 1.5 BPM PRESSURE CLIMBING  
600 PSI, BOP STARTS LEAKING AT WELLHEAD FLANGE, TIGHTEN BOLTS OK, SWITCH OVER TO TBG OPEN  
CSG CIRC 30 BBLS BRINE 1.5 BPM TO ESTABLISH A BRINE CAP, CLOSE CSG BULLHEAD BRINE DOWN TBG  
1.5 BBL/MIN @ 600 PSI, SD CHECK PSI DROPPED TO 260 PSI, PMP 30 BBLS BRINE DOWN CSG PRESSURE  
12:00 CLIMBING TO 900 PSI @ 1.5 BPM SLOW RATE TO 1 BBL/MIN PSI @ 650 PSI PUMPED 20 BBLS.  
CREW TAKES LUNCH WHILE KILLING WELL SD CHECK PSI DROPPED TO 260 PSI, PMP 30 BBLS BRINE  
DOWN CSG PSI @ 700 PSI SD CHECK PRESSURE DROPPED TO 260 PSI 5 MIN PSI 250 PSI, BLEED CSG OFF  
TO REVERSE PIT SLOWLY PSI DROPPED TO 0 PSI WITH SMALL ½" FLOW WELL LITTLE OUT OF BALANCE,  
WELL DEAD, RU VAC TRUCK TO ANNULUS TO PREVENT ANY FLOW.  
13:00 PUMPED 100 BBLS 10 PPG BRINE IN WELL, FLOWED BACK 2 TO 3 BBLS. WELL DEAD.  
15:30 RIH TBG SET RBP @ 10,390' RELEASE FROM RBP TEST RBP TO 1000 PSI OK, RELEASE PSI, PU LD 4  
JTS SET PKR @ 10,266' TEST ANNULUS PMP IN @ 3/4 BPM @ 550 PSI, RELEASE PSI TEST PERFS 10,310-  
10,354 PMP IN 3/4 BPM @ 1000 PSI SD PRESSURE FELL TO 600 PSI. RIH 4 JTS LATCH UP RBP POOH TO  
6977' SET RBP 150 JTS OUT, UNLATCH PKR TEST PLUG TO 1000 PSI PUMP DOWN ANNULUS 3/4 BPM @  
500 PSI. CSG LEAK ABOVE 6977' CONTINUE TO FIND LEAK NEXT DAY.  
19:00 SWIFN

**DAILY COST:**

BASIC ENERGY \$2,990.00	<b>CUMULATIVE COST=\$ 34,942.75</b>
EPI CONSULTANT \$1,500.00	
VAC TRUCK MOORE INC. \$2,200.00 HAUL 10 PPG BRINE @ \$70.00/HR	
WATSON PKR OPERATOR \$1,200.00	
BASIC REVERSE UNIT \$1,800.00	

**TOTAL COST \$ 9,690.00 + 15%=\$11,143.50**



WYCO OIL/GAS  
UNIVERSITY 20-12 #1  
DAILY REPORT #4 01/27/2017

07:30 SAFETY MEETING

CSG PSI 0

08:20 POOH TO 4017' SET PKR TEST FOR CSG LEAK

09:15 RU PMP UNIT TEST CSG BELOW LEAK PUMP 3/4 BPM @ 650 PSI.

09:51 RELEASE PKR RIH SET PKR @ 5006' TEST BELOW PKR LEAK RELEASE PKR

10:13 RIH SET PKR @ 5990' TEST BELOW PKR LEAK PUMP 1 BPM 1050 PSI

10:30 POOH 18 JTS SET PKR @ 5541' TEST BELOW PKR CSG LEAK RELEASE PKR

10:44 RIH SET @ 5744' TEST BELOW PKR CSG LEAK RELEASE PKR

10:50 RIH SET PKR @ 5868' SET PKR TEST CSG LEAK RELEASE PKR

11:15 POOH TO 5805' TEST BELOW PKR CSG LEAK HOLE @ 5835'

11:33 ESTABLISH INJ RATE 1.5 BPM @ 1600 PSI

11:50 RELEASE PKR RIH RETRIEVE BP @ 7000'

12:00 SD LUNCH

13:30 RETRIEVE RBP PU SET RBP @6057' POOH PKR REMOVE RUNNING TOOL,  
DUMP 3 SKS SAND ON TOP RBP

15:45 RIH SET PKR @ 5627'

17:35 RU BASIC ENERGY CEMENT EQUIPMENT

HOLD SAFETY MEETING WITH ALL PERSONNEL

TEST PUMP / LINES 3500 PSI OK TEST

OPEN BYPASS ON PKR BREAK CIRC

TEST ANNULUS 1500 PSI

PUMP 10 BBLS F/W

MIX CEMENT 14.8 PPG PUMP 35 BBLS CMT/150 SKS

18:05 CLOSE BYPASS DISPLACE CMT INTO FORMATION PRESSURE 500 PSI CLIMBED TO 1800 PSI

PUMPED 34 BBLS F/W BEHIND CMT.

SD OPEN BYPASS ON PKR REVERSE CIRC 70 BBLS F/W WELL CLEAN

19:13 CLOSE BYPASS PRESSURE CSG TO 500 PSI HOLD PSI ON SQUEEZE.

RD BASIC CEMENT EQUIP, SECURE WELL SDFN.

**DAILY COST**

**COMULATIVE COST \$49,580.89**

BASIC WOR \$3,450.00

EPI CONSULTANTS \$ 1,500.00

WATSON PACKER \$1,200.00

BASIC REVERSE UNIT \$ 1,800.00

BASIC CEMENT SQUEEZE \$6,178.82

TOTAL COST \$14,128.82+ 15% = \$16,248.14

**WYCO OIL/GAS  
UNIVERSITY 20-12 #1  
REPORT DAY #5 01/28/2017**

06:00 NO ACTIVITY WSI  
07:30 SAFETY MEETING  
08:30 RIG WORK ON TONGS FROZEN UP  
08:45 TEST CMT SQUEEZE 1500 PSI OK  
09:00 RELEASE PKR POOH, LD 14 JTS, POOH STDBACK TBG.  
10:30 OOH W/PKR LD PKR  
11:15 MU BHA 4 ½" JZ BIT, BIT SUB, 4 X 3 1/2 DC, RIH  
12:00 LUNCH BREAK  
13:41 CONTINUE RIH TAG CEMENT @ 5677' START RIGGING UP BASIC DRLG PKG, 90 % COMPLETE  
17:00 PU SWIVEL  
17:30 START DRILLING CMT FROM 5677' /HOLE @ 5835'  
18:00 BREAK CIRC START DRLG CMT DRILLING W/ 2 PTS CMT HARD.  
19:00 SET FRAC TANK LOAD W/ 200 BBLS MUD,  
20:00 CONT DRLG CMT, 5731' TO 5761' JT #182  
21:35 DRLG THRU CMT CIRC BTMS UP CONTINUE DRLG 5761 TO 5795' JT #183  
22:00 DRLG 5761' TO 5795' JT # 183  
22:30 DRLG 5792' TO 5824' JT #184  
23:00 DRLG 5824' TO 5855' JT #185  
23:20 DRLG CMT 5855' TO 5860' JT #186, FELL THRU CMT @ 5860'  
24:00 RIH TO 5978'  
00:10 SHUT TBG RAMS, RD SWIVEL, RU TEST 1000 PSI CHART RECORDER, TEST CSG 940 PSI, ISOLATE PMP UNIT PSI LEAKED OFF TO 500 PSI IN 10 MIN, RETEST SAME LEAKOFF, ISOLATE VALVES RETEST 940 PSI. RELEASE PSI, RU SWIVEL  
02:00 WASH DOWN 5978' TO 6052', CIRC BTMS UP  
03:00 ND STRIPPER HEAD, LD 4 JTS  
04:00 POOH TALLY TBG 190 JTS  
05:30 OOH BIT HAD BROKEN TEETH CAUSED BY HITTING BP MANDRIL  
06:00 MU RETRIEVING TOO RIH TO RETRIEVE BP.

**DAILY COST**

**CUMULATIVE COST = \$74,984.39**

BASIC ENERGY \$ 5,520.00 / 24 HRS  
EPI CONSULTANTS \$ 3,000.00 / 24 HRS  
WATER TRANSPORT MOORE TRUCKING \$ 500.00  
MUD SMITH 400 BBLS MUD \$ 11,200.00  
CENTRIFUGAL PMP \$ 70.00  
BASIC ENERGY PUMP UNIT \$1800

**TOTAL COST= \$22,090.00 +15%=\$25,403.50**

**WYCO OIL/GAS**

**UNIVERSITY 20-12 #1**

**DAY REPORT #6**

**01/29/2017**

06:00 AM POOH DRILL BIT

06:30 OOH CHECK BIT FEW TEETH MISSING, HIT TOP MANDREL/RBP MAYBE NO DAMAGE?

07:00 SAFETY MEETING

07:15 RIH TO RETRIEVE BP 45 STDS IN HOLE CLUTCH SLIPPING ON RIG, SD WO MECHANIC FROM MIDLAND.

11:00 MECHANIC ON LOCATION, REPAIR RIG

11:33 CONTINUE RIH TO CATCH RBP

12:00 LATCH BP DOUBLE CHECK OK TO LAYDOWN TBG LUNCH BREAK

13:00 CONTINUE POOH LD 195 JTS 2 7/8" TGB PROD. TBG 15:00 OOH

RBP IN GOOD SHAPE FEW DENTS ON TOP.

15:30 RIH 90 STDS,

18:00 POOH LD 180 JTS - TOTAL TBG LD 375 JTS HAND WELL OVER TO NIGHT RELIEF.

18:45 CONTINUE POOH LD 195 JTS - OOH

19:00 CREW CHANGE- SAFETY MEETING

19:15 RACK SCIENTIFIC BHA ON NORTH PIPE RACKS, RACK AND TALLY 2 7/8" PH6 WORK STRING

20:00 P/UP 4 1/2" BIT, 4 1/2" BOOT BASKET, RIH W/ 4- 3 1/2" DC'S, XO- P/UP RIH W/ PH6 WORK STRING

21:30 TONGS LOW GEAR STOP WORKING/ CHANGE TONGS 21:45 CONTINUE P/UP RIH W/ WORK STRING.

22:30 WELL FLOWING ON CSG & TBG, CIRCULATE 50 BBLS FRESH WATER AROUND @2600'

23:00 WELL STABLE, N/UP BIW HEAD

23:45 CONTINUE P/UP RIH WORK STRING, BJ OPEN FACE TONG DYES SLIPPING NOT BITING PIPE  
PUSHER ARRIVED W/ FOSTER TONGS. CHANGE OUT TONGS, READJUST LIFT LINE FOR TONGS  
LUNCH BREAK.

01:45 OPEN TBG & FLOWING, CIRCULATE FRESH WATER AROUND & STABILIZE WELL 02:00

CONTINUE P/UP WORK STRING RIH. CONTINUE RACK WORK STRING ON RACKS. 173 JTS

03:25 RACK & TALLY 179 JTS.

04:15 CONTINUE P/UP WORK STRING, RIH

06:00 P/UP RIH 250 JTS TOTAL- HAND WELL OVER TO DAY RELIEF.

**DAILY COST:**

**CUMULATIVE COST \$ 117,497.64**

BASIC RIG \$5520.00

EPI CONSULTANTS \$ 3,000.00

BASIC PMP UNIT \$ 1,800.00

WATSON PKR/OPER \$ 900.00

SCIENTIFIC MWD \$ 3,950.00 STDBY CHG

MUD SMITH \$ 7,500.00 / 2 LOADS

PERMIAN MUD PMP \$ 70.00

FORKLIFT \$ 1,625.00

FORKLIFT RENTAL PERMIAN \$250.00/DAY

**TOTAL COST: \$24,615.00 + 15%=\$28,307.25**

**WYCO OIL/GAS  
UNIVERSITY 20-12 #1  
REPORT #7 01/30/2017**

06:00 RIH TO DRILL CSG SHOE 275 JTS IN HOLE LIKE 100 TO REACH FC, TBG FLOWED GREEN OIL/GAS CUT

WATER ON NIGHT SHIFT (447 JTS PH-6 ON LOCATION)

07:00 SAFETY MEETING CREW CHG

08:00 PUMP 20 BBLS MUD TBG ON VACUMN, SERVICE RIG, CIRC MUD IN FRAC TANK

09:00 CONTINUE RIH, SD LOAD TBG ON RACKS-TALLY TBG, CHG 65K ELEVATORS TO 110K

10:00 TAG FILL @ 11,802' 378 JTS IN HOLE, 69 JTS OUT, 200' FILL TD WELL 12,002' RU TO CIRC. MUD

11:00 CIRC. WELL W/10.5 PPG MUD 216 BBLS PUMPED @ 2 BPM 800 PSI MAX PSI, PSI FELL TO 500 PSI @ COMPLETE CIRC. GOOD CIRCULATION, SD PUMP, TRANSFER MUD FROM FRAC TANK TO SHALE SHAKER.

12:00 WO BASIC MECHANIC TO STRING UP 6 LINES ON WOR DOWN TIME 1 HR

13:00 BASIC MECH ON LOC. WORKING ON 6 LINE RU

14:00 FINISH RU 6 LINES

15:00 RU XK 90 SWIVEL, BREAK CIRC, SCREENS TOO SMALL SHAKER HAD 60 MESH, NEED 80 OR 90 MESH SCREENS THESE SCREENS WANT FILTER POLYMER MUD. DOWN TIME 2 HRS

16:00 CLEAN OUT REVERSE PIT, WASH OUT LINES WILL USE THIS PIT WHILE WAITING ON PROPER SCREENS FROM BASIC. WILL UPS FROM HOUSTON.

17:00 CLEANING REVERSE PIT

18:00 FILLING REVERSE PIT WIITH 10.5 PPG MUD, HAND WELL OVER TO NIGHT RELIEF.

TAG DRILLING @11,802' JTS #378 CIRCLATING WITH WELL WITH/10.5 PPG MUD. PUMP PRESSURE @800 PSI MAX PSI, DRILLING TORQUE @700 RPM. IN ONE HOUR DRILLED 6'.

19:00 CREW CHANGE, SAFTEY MEETING, ESTABLISHED CONSTANT BOOST FROM SHELL SHAKER.

DRILLED FOUT 6' IN ONE HOUR, RETURNS OF LOST CIRL METERIAL WITH SCALE AND HARD POLYMER FROM CASING. TRANSFER MUD F/ REVERSE PIT TO SHALE SHAKER W/ MUD SMITH TRANSPORT.

21:40 DRILLED DOWN @12,006' RETURNS SAME AS BEFORE. INCREASED DRILL ROTATION @1,200 RPM SPUD DOWN PICKING UP AND WORKING DOWN 10 TIMES , @12,008'.

21:50 MADE CONNECTION JTS #379 SPUD WORKING DOWN @12,010', ROTATION @1,200 RPM, UNABLE TO WORK DEEPER.

22:15 MADE ATTEMPTS TO SPUD DOWN W/ ROTATION @1,200 RPM WITH NO SUCCESS, SET 7 PTS ON BIT WITH ROTATION @900 RPM.

24:00 NO LOSS OF WIEGHT, CIRC. CLEAN. CALL IN STATUS OF DRILLING. DECIDED TO TRIP BIT & CHANGE BHA FOR WASH-OVER & FISH OF POSSIBLE MA JT LEFT IN CASING. RELEASE MUD LOGGER & SCIENTIFIC UNTIL READY FOR OH DRILLING. R/DWN SWIVEL & BIW HEAD.

01:00 POOH LD 5 JTS 2 7/8" PH6 WORK STRING STAND BACK IN DERRICK ON 6 LINES. TIE BACK W/ DOUBLE FAST LINE ON DRUM

04:00 CONT. POOH W/ WORK STRING & BHA.

06:00 CONT. POOH, HAND WELL OVER TO DAY RELEIF.

**DAILY COST: CUMULATIVE COST= \$ 141,693.95**

BASIC ENERGY WORKOVER RIG \$ 5750.00 DEDUCTED 3 HRS RIG TIME

EPI CONSULTANTS \$ 3000.00

SCIENTIFIC MWD \$ 3950.00

BASIC VAC TRUCK \$800.00

FORKLIFT \$ 250.00/DAY

REVERSE PMP \$ 3600.00 W/OPERATOR

MUD SMITH \$ 4053.00 / 3 LOAD & TRANS. MUD F/ REVRS. PIT TO SHALE SHAKER

PERMIAN \$70.00

TOTAL COST= \$ 21,473.00 X 15% = \$3,220.95 = \$24,693.95

**WYCO OIL/GAS**  
**UNIVERSITY 20-12 #1**  
**REPORT #8 01/31/2017**

06:00 OOH BIT HAD IMPRESSION OF COLLAR WEAR ON BIT, CALL CHANCE FISHING.  
07:00 SAFETY MEETING WO FISHING TOOLS  
08:00 WO CHANCE FISHING TOOLS  
09:00 CHANCE FISH TOOLS ON LOCATION, MU BHA (OVERSHOT 4 1/2" (W/ 3 21/32") GRAFFEL  
CUT RIGHT SHOE, JARS, 4 EA. X 3 1/2" DRILL COLLARS)  
10:00 RIH 2 7/8" PH-6 TBG  
11:00 CONTINUE RIH TBG  
12:00 LUNCH BREAK  
13:00 CONTINUE RIH TBG  
14:00 TAG UP 14:40, 373 JTS IN PLUS 8' BETWEEN BOTTOM PERF @ 11,763' PU PIPE TO FREE POINT.  
15:00 RU SWIVEL, NU STRIPPER RUBBER  
16:00 WASH DOWN 1 JT @ 11,696' 374 JTS IN CIRC 10 MIN. @ 3 BPM, RD SWIVEL, PU 1 JT RU SWIVEL  
WASH DOWN NO ROTATION CIRC 2 BPM, JT # 375 @ 11,727', WASH DOWN JT #376 @ 11,758', RD SW  
PU 1 JT, WASH DOWN 377 JTS @ 11,788', RD SWIVEL PU 1 JT, WASH DOWN TOP OF FISH @ 11,810'  
17:00 CIRC 100 BBL MUD BEFORE LATCHING FISH, TAG FISH WORK PIPE, ROTATE SWIVEL, PUMP  
DOWN TBG, WEIGHT INCREASE 2 PTS, NOT SURE IF FISH IS ON MAYBE SHORT PIECE???? RD SWIVEL  
NDWN BIW HEAD, POOH  
18:00 HAND WELL OVER TO NIGHT RELIEF. POOH W/ WORK STRING 2 7/8" PH6  
19:00 CREW CHANGE, SAFETY MEETING. CONT. POOH W/WS & BHA  
20:00 CHANGE ELEVATORS  
21:00 TIE BACK F/ SINGLE FAST LINE TO DOUBLE FAST  
22:00 TAG TIGHT SPOT @4,933' 155 JTS IN, WORK FREE, LOWERED DWN @4,963' 156 JTS IN  
23:00 CIRC. MUD 110 BBL AROUND  
24:00 POOH & TAG UP @4,933' PULLED THROUGH AT 20 PTS OVER & FREE.  
01:00 CONTINUE POOH WITH 2 7/8" PH6 WORK STING  
02:00 OOH WITH BHA W/NO FISH RECOVERY, LD OVER-SHORT, BOTTOM GUIDE BENT IN NOT ABLE TO  
SWALLOW OVER 3 21/32 COLLAR.  
03:00 TOOLS ARRIVED; UNLOAD DOWN HOLE TOOLS & HANDLING TOOLS. KEPT CHANCE JAR & BUMPER  
SUB FOR ADD DAY COST. (P/UP RIH W/ 4 1/2" SMOOTH OD DRESSED BOTTOM DRESSED ID X 3 21/32, 4  
1/2" WASH PIPE, BUSHING WP THREAD PIN X OS BOTTON THREAD PIN, 4 1/2" OS (DRESSED W/ 3 21/32  
SPIRAL GRAPPLE BASIC TOOLS),( CHANCE/ 3 3/4" BUMPER SUB, 3 3/4" JAR), 4- 3 1/2" DC'S, OX F/ 2 3/8 IF PIN  
X 2 7/8" PH6 BOX. CHANGE HANDLING TOOLS WHILE P/UP TOOLS.  
04:00 CONTINUE RIH W/BHA & 2 7/8" PH6  
06:00 CONTINUE RIH W/ WORK STRING, HAND WELL OVER TO DAY RELIEF

**DAILY COST:**

BASIC ENERGY \$ 6440.00  
EPI CONSULTANTS \$ 3000  
BASIC REVERSE UNIT \$ 3600.00  
CHANCE FISHING TOOLS \$ 7000.00  
CHANCE F.T ADD DAY JAR \$ 1,500.00  
CHANCE F.T. ADD DAY BUMPER SUB \$ 450.00  
BASIC FISHING SUPERVISOR \$ 1,100.00  
BASIC FISHING TOOLS \$ 6,000.00  
PERMIAN FORKLIFT \$ 70.00  
500 BBL FRAC TANK \$ 50.00  
TOTAL COST = \$29,210.00

**WYCO OIL/GAS**  
**UNIVERSITY 20-12 #1**  
**REPORT #9 02/01/2017**

06:00 RIH FISHING TOOLS BASIC OS (4 ½" ODX 3 -11/16 ID 2 42' LTH, BUSHING 4 ½" OD 3 ½" ID .80 LENGTH, WASH PIPE 4 ½" X 3 ½" ID, 31.55 LTH, SHOE 4 1/2" OD X 3- 21/32 ID, LTH 1.35'  
07:00 SAFETY MEETING  
08:00 RIH BASIC FISH TOOLS  
09:00 CONTINUE RIH TBG  
10:00 RU STRIPPER HEAD, CHG ELEV, RU SWIVEL, RU DRILL LINE WT INDICATOR REV CIRC RETURNS 800 PSI @ 2 BPM NO ROTATION WASH DOWN JT # 375 @ 11,729' WD JT # 376 @ 11,758',  
11:00 SD REMOVE FLOW METER FROM LINE FOR REVERSE CIRC, WASH DOWN ROTATE 60 RPM, 2 BPM @ 1000 PSI  
12:00 WD JT # 377 @ 11,790' WASH DOWN JT # 378 @ 11,820' REV CIRC 2 BPM @ 1000 PSI WD 15' NEXT JT TAGGED TOP FISH @REVERSE CIRC WASHOVER FISH 2 PTS WT 1000 PSI WD JT # 379 @11,886' CIRC PSI 1200 @ 2 BPM,  
13:00 WD JT # 380 @ 11,916' CIRC BTMS UP GETTING BACK FRAC SAND, WD INDICATION LATCHED UP FISH CIRC PSI INCREASE TO 1550 PSI,  
14:00 STRIPPER RUBBER BLOWED OUT SD PUMPS, CLOSE BOP CHANGE STRIPPER RUBBER, CONT WD JT # 381 @ 11,947' RETURNS HEAVY FRAC SAND  
15:00 WD JT # 382 @ 11,979' 2 BPM @ 1000 PSI, REPLACE SHAKER SCREENS 20 MESH, LOST 50 BBLS MUD TO FORMATION PERFS OR HOLES IN CSG, ORDER 200 BBLS MUD FOR DRILLING OPERATIONS. WD JT# 383 @ 11,994' CORRECTED KB TO 14' NOT 12' TAG 11,994' 15' OF JT # 383 REACHED TD 11,994' WITH KB CORRECTION. CIRC BTMS UP RETURNS FRAC SAND.  
16:00 RD SWIVEL POOH STD BACK TBG.  
17:00 CONT POOH  
18:00 POOH HAND WELL OVER TO NIGHT RELIEF. TBG STANDING FULL, CALL FOR VAC TRUCK.  
19:00 CREW CHANGE, SAFTEY MEETING, STAND BY ON VAC TRUCK.  
20:30 VAC ARRIVED, CONTINUE POOH STANDING TBG BACK, VAC MUD WHILE POOH W/ WS  
24:00 LUNCH BREAK, (CREW HAD TO CLEAN DRILLING MUD OFF TO EAT)  
01:00 CONTINUE POOH W/WS UP TO BHA.  
03:30 OOH W/BHA, FRAC SAND WAS IN BTM COLLAR AS WELL AS JAR, WASH OVER SHOE ID WORN FOR 3 21/32 COLLAR FITS SMOOTHLY. ALL INDICATION IN SHOE & WASH PIPE FISH WAS UP IN WAS PIPE.  
04:30 PU SAME SHOE & OVER SHOT SAME GRAPPLE, B SUB & JAR, RIH 4- 3 ½" DC'S , XO W/ W STRING.  
05:00 CONTINUE RIH TO FISH  
06:00 RIH HAND WELL OVER TO DAY RELIEF.

**DAILY COST:**

BASIC ENERGY WOR \$6440.00  
EPI CONSULTANTS \$ 3000.00  
BASIC REVERSE UNIT \$ 3600.00  
BASIC VAC TRUCK \$ 800.00  
BASIC FISH TOOLS \$8000.00  
BASIC FRAC TANK \$ 50.00

**TOTAL COST=\$ 21,890.00**

**WYCO OIL/GAS  
UNIVERSITY 20-12 #1  
REPORT #10**

**02/02/2017**

06:00 Cont RIH w/washover shoe & grapple for 2 7/8" tubing collar.

10:30 Wash over fish, had indication fish was in grapple.

12:00 POH w/no recovery. Marks indicate fish was up in grapple, but appears to be tubing body instead of collar.

16:00 Released EPI consultants.

18:00 Wait on tools.

24:00 RIH w/washover shoe & grapple for 2 7/8" tubing body.

**02/03/2017**

06:00 Cont RIH to fish.

08:00 Wash over fish & got indication fish was in grapple.

09:00 POH & recover all fish (cut off joint of 2 7/8" tbg as MA with collar and bull plug).

15:30 LD fish & BHA.

16:30 Hand off well to directional drilling consultant.