

**CHEMCO INC.
MUIR UNIT 1A-35
KIOWA COUNTY
COLORADO**

09-14-05 MOVE IN AND RIG UP WORK OVER TOOLS (ECWS). PULL RODS AND PUMP. RIG UP TO PULL TUBING. RELEASE TUBING ANCHOR AND START HYDOTESTING OUT OF HOLE. PULLED TOTAL OF 154 JTS 2 7/8" TUBING. BLEW OUT ONE JOINT. RIG UP PEAK WIRE LINE SERVICES AND PERFORATE LKC 3883-86 AND 3902-11. FLUID LEVEL AT 2900' PER WIRELINE TRUCK. RAN IN HOLE WITH 5 1/2" TS RBP, AG-3 COMPRESION PACKER, X-OVER AND API SEATING NIPPLE ON 2 7/8" TUBING. SET TS RBP AT 3930' PULL 3 JTS TUBING AND SET AG-3 PACKER AT 3830'. RAN TUBING SWAB FLUID AT 2750'. FIRST RUN FROM SEATING NIPPLE. RECOVERED 16BLS FLUID IN 1 HOUR. SION.

09-15-05 RAN TUBING SWAB FLUID AT 1700'. FIRST RUN NO SHOW OF GAS OR OIL. RELEASE PACKER AND RAN IN HOLE TO 3892' AND SET ISOLATING PERFORATIONS AT 3902-11. SWAB TEST ZONE MAKING 300' WATER / RUN. RELEASE PACKER AND RETRIEVED TS RBP. MOVED TS RBP TO 3892' AND SET. RESET AG-3 PACKER AT 3860' ISOLATING PERFORATIONS AT 3883-86' ZONE SWABBED DRY. RIG UP HEAT WAVES AND TREAT PERFORATION WITH 300GAL. 15% MCA. TOOK 1850 PSI TO BREAK DOWN ZONE TREAT AT 1 BPM AT 700 PSI. WITH 3 BLS ACID IN ZONE INCREASED RATE TO 2 BPM AT 750 PSI. WITH 6 BLS ACID IN ZONE PRESSURE WITH TO ZERO. ISIP 0. TOTAL LOAD TO RECOVER 31 BLS. RAN TUBING SWAB FLUID AT 1300' RECOVERED 26.6 BLS FLUID ON SWAB DOWN. SWAB TEST FIRST HOUR RECOVERED 20 BLS WATER, SECOND HOUR RECOVERED 14BLS FLUID IN 3 RUNS APPROX 2% OIL. RELEASED PACKER AND RETRIEVED TS RBP. MOVED TS RBP TO 3850' AND SET. PULLED OUT OF HOLE WITH TUBING AND PACKER. RIG UP PEAK WIRELINE AND PERFORATE LKC 3792-3807'. RAN BACK IN HOLE WITH PACKER AND TUBING SET AG 3 PACKER AT 3736'. RAN TUBING SWAB FLUID AT 3000'. PULLED 700' FLUID RECOVERED 4.5 BLS FLUID. SION.

09-16-05 RAN TUBING SWAB FLUID AT 1900' PULLED 1300' 1ST RUN ALL WATER. RELEASED PACKER AND RETRIEVED RBP. MOVED AND RESET RBP AT 3780'. SWABBED ENTIRE WELL DOWN TO 3200'. PULLED OUT OF HOLE WITH TUBING AND PACKER. RIG UP PEAK WIRELINE AND PERFORATED LKC AT 3680-90'. RAN BACK IN HOLE WITH AG3 PACKER AND TUBING. SET PACKER AT 3628'. RAN TUBING SWAB FLUID AT

2500' MAKE TWO SWAB RUNS RECOVERD 12 BLS FLUID APPEARED TO BE ALL OIL. SWAB TEST. RECOVERED 21 BLS OIL 1ST HOUR AND 17 BLS 2ND HOUR WITH APPROX 2% WATER. SION.

09-17-05 CHECK TUBING PRESSURE AT 15 PSI. RAN TUBING SWAB FLUID AT 1400'. CALCULATED 825 PSI BOTTOM HOLE PRESSURE WITH 36 GRAVITY OIL. SWAB TEST WHILE WAITING ON ACID TRUCK. 1 ST HOUR RECOVERED 15 BLS OIL 2ND HOUR 11 BLS OIL. RU HEAT WAVES RELEASED PACKER AND RAN TO 3892' SPOTTED 6BLS ACID ON PERFORATIONS. PULLED PACKER BACK TO 3628 AND RESET. TREAT PERFORATIONS WITH TOTAL OF 1000 GAL 15% NON-E ACID AND 36 BIOBALL SEALERS. TUBING LOADED WITH 19BLS FLUID PUMPED. PRESSURE PERFORATIONS TO 500PSI ZONE STARTED FEEDING AT 1/2 BPM. WITH 2BLS ACID PUMPED INCREASED RATE TO 1.5 BPM AT 600PSI. BALLS INCREASED PRESSURE TO 750 PSI THEN BROKE BACK TWO TIMES BEFORE REMAINING AT 1.5BPM AT AVERAGE PRESSURE OF 500PSI. ISIP 300PSI, WELL ON VACUUM IN 2 MIN. RAN TUBING SWAB FLUID AT 900'. SWAB LOAD AND TEST. LOAD TO RECOVER 46BLS, (24BLS ACID AND 22BLS 2% KCL DISPLACEMENT). RECOVERED 40BLS FLUID ON SWAB DOWN? (TRANSFER LINE DEVELOPED A LEAK AND WAS SWABBING FLUID ONTO GROUND AS WELL AS LEAKING BACK OUT OF TANK. CALLED FOR WATER TRUCK TO SWAB INTO. 1ST HOUR SWAB TEST RECOVERD APPROX 33 BLS FLUID 50 % OIL. 2ND HOUR RECOVERED APPROX 33 BLS FLUID WITH LAST RUN OF HOUR CUTTING 40% OIL. FLUID LEVEL WAS REMAING AT 2700' WITH CONTINUOUS SWABING FROM SEATING NIPPLE AT 3820'. FLUID RECOVERED DURING SWABBING WOULD START OUT BEING WATER THEN TURN TO OIL AND THEN BACK TO WATER. SION.

09-19-05 CHECKED TUBING PRESSURE. LESS THAN 5 PSI. SERVICE RIG CUT OUT BAD PLACE IN SANDLINE AND Poured NEW ROPE SOCKET. RAN TUBING SWAB CHECKED FLUID LEVEL AT 1700'. 1ST RUN PULLED 1300' FLUID (600' OIL AND 700' WATER).

**2ND RUN FLUID AT 2000' PULLED 1300' ALL WATER
3RD RUN FLUID AT 2300' PULLED 1300' ALL WATER
4TH RUN FLUID AT 2500' PULLED 1100' SHOW OF OIL
5TH RUN FLUID AT 2500' PULLED 1100' 20% OIL
6TH RUN FLUID AT 2600' PULLED 1000' 37% OIL
7TH RUN FLUID AT 2600' PULLED 1000' 34% OIL**

RELEASED PACKER AND RETRIEVED RBP. MOVED RBP TO 3835' AND PACKER TO 3768' ISOLATING PERFS 3792 - 3807'

SWAB TEST TO CHECK FOR COMMUNICATION. RAN TUBING SWAB FLUID AT 2200' PULLED FROM 3200' COULD SEE NO OBVIOUS COMMUNICATION AND ANNULUS. 1ST RUN ALL OIL.

**2ND RUN FLUID AT 2500' PULLED FROM 3200' ALL OIL
3RD RUN FLUID AT 3000' PULLED FROM 3750' ALL OIL
SHUT DOWN 1/2 HR FOR CREW LUNCH
4TH RUN FLUID AT 2400' PULLED FROM 3750' 33% OIL
5TH RUN FLUID AT 2400' PULLED FROM 3750' 2% OIL
6TH RUN FLUID AT 2800' PULLED FROM 3750' 2% OIL
7TH RUN FLUID AT 2900' PULLED FROM 3750' 2% OIL
8TH RUN FLUID AT 3000' PULLED FROM 3750' 2% OIL
9TH RUN FLUID AT 3000' PULLED FROM 3750' 2% OIL**

RELEASED PACKER AND RETRIEVED TS RBP. PULLED OUT OF HOLE WITH TUBING LAYING DOWN TOOLS. RIG UP PEAK WIRELINE RAN IN HOLE WITH 4.6" OD CIBP SET AT 4550' KB PULL OUT OF HOLE WITH SETTING TOOL. PICK UP 2ND CIBP AND RAN IN HOLE SETTING CIBP AT 3854' KB. RAN IN HOLE WITH 15' ORANGE PEELED MUD ANCHOR, NEW 2 7/8" API SEATING NIPPLE, 6 JTS 2 7/8" TUBING , 5 1/2" X 2 7/8" TUBING ANCHOR CATCHER (SET TO SHEAR AT 40K) AND 1 15 JTS 2 7/8" TUBING. TAGGED CIBP AT 3854' PICKED UP 28' SET TUBING ANCHOR AT 3622 KB WITH 15K TENSION. SION. TOTAL NUMBER OF JOINTS RAN 121. END OF MUD ANCHOR AT 3826 KB SEATING NIPPLE AT 3811, KB

24
59
133

Eastern Colorado Well Service, LLC

P.O. Box 244, Cheyenne Wells, CO 80810

719-767-5100

Jack Ryser, Owner



Well Name Muir Unit

Well # 1A-35

Date 9-14 20 05

Tally IN

No. Pcs.	Col. 1		Col. 2		Col. 3		Col. 4		Col. 5		Col. 6		Col. 7		Col. 8		Col. 9		Col. 10		Col. 11		Col. 12		Col. 13		
	Ft.	Ins.	Ft.	Ins.	Ft.	Ins.	Ft.	Ins.	Ft.	Ins.	Ft.	Ins.	Ft.	Ins.	Ft.	Ins.	Ft.	Ins.	Ft.	Ins.	Ft.	Ins.	Ft.	Ins.	Ft.	Ins.	
1	31	33	62	70	61	28	63	20	-	-	-	-	66	85	-	-	-	-	-	-	-	-	-	-	-	-	-
2	62	65	62	73	61	90	60	32	-	-	-	-	61	23	-	-	-	-	-	-	-	-	-	-	-	-	-
3	63	00	62	75	60	42	63	15	-	-	-	-	62	05	-	-	-	-	-	-	-	-	-	-	-	-	-
4	61	00	62	70	63	62	62	56	-	-	-	-	63	12	-	-	-	-	-	-	-	-	-	-	-	-	-
5	62	94	62	72	63	93	63	00	-	-	-	-	65	10	-	-	-	-	-	-	-	-	-	-	-	-	-
6	63	20	62	61	63	22	61	30	-	-	-	-	65	10	-	-	-	-	-	-	-	-	-	-	-	-	-
7	62	66	62	62	64	15	63	10	-	-	-	-	65	04	-	-	-	-	-	-	-	-	-	-	-	-	-
8	62	64	62	71	64	12	-	-	-	-	-	-	65	78	-	-	-	-	-	-	-	-	-	-	-	-	-
9	62	73	63	20	63	93	-	-	-	-	-	-	65	13	-	-	-	-	-	-	-	-	-	-	-	-	-
10	62	72	63	20	62	54	-	-	-	-	-	-	65	23	-	-	-	-	-	-	-	-	-	-	-	-	-
11	62	75	63	14	63	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	62	76	63	25	60	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	62	74	60	18	62	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	62	77	61	89	65	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	62	64	62	19	63	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	62	76	63	20	64	00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	62	76	63	10	62	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	62	70	62	82	63	05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	62	82	61	19	63	05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	62	75	61	89	62	61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	1221	32	1250	79	1259	06	436	63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Row Not tallied

LAY DOWN

Col. No.	Ft.	Ins.	No.	Ft.	Ins.	No.	Ft.	Ins.
1			6			10		
2			7			11		
3			8			12		
4			9			13		
5								
Total			Total			Total		

Joints In Well 154 tallied 133
 Packer @ _____ Coupling 3859.69 Size _____
 SN @ _____ 30.00
 Anchor @ 11 down
 Remarks SN 1.07 3650
46880
 Talled By _____