

**PERC****OPERATIONS SUMMARY REPORT**

00511418

WELLNAME : DARNALL TRUST 24-17 #1 (RE)

RIG NAME : MURFIN #25

FIELD : ARCHER

EVENT No. : 2

AFE No. : A5062

WELL ID No. : 09720

API No. : 05-017-

EVENT DESC. :

DATE : 10/1/97 DSS : 1 DEPTH : 30.00 MUD WT : 8.30 CUM COST TO DATE : \$21,711

**Hours PH OP ACT Activity Description**

\*\*\*\* FIRST REPORT OF OPERATIONS\*\*\*\*

UPR DARNALL TRUST 24-17 #1, SECTION 17 ( 331' FSL &amp; 1546' FWL ), T-12S, R-44W, CHEYENNE COUNTY, COLORADO. AFE # A5062, TO RE-ENTER, COMPLETE AND EQUIP A VERTICAL MORROW GAS DEVELOPMENT WELL LOCATED 1 1/2 MILES NORTH OF THE ARCHER FIELD.

10.00 A RU RU MOVE IN / RIG UP

1.00 D OT OT DRILL MOUSE AND RAT HOLES

2.00 D NU NU NIPPLE UP BOP AND FLOWLINE

1.00 D OT OT STRAP DRILL PIPE

1.00 D BH BH MAKE UP BHA, CALIPER DRILL COLLARS

\*\*\*COMMENCE DAYWORK AT 20.00 ON SEPTEMBER 30, 1997\*\*\*

1.00 D DR DR DRILL ROTATE ( 0 - 30 ), LIGHT PLANT WENT DOWN, WAITING FOR DAYLIGHT TO RESUME OPERATIONS, REPLACEMENT LIGHT PLANT LEAVING YARD AT 6 AM.

\*\*\*OFF DAYWORK AT 23.00 ON SEPTEMBER 30, 1997; UNABLE TO CONTINUE OPERATIONS DUE TO LACK OF STAND-BY LIGHT PLANT AFTER MAIN LIGHT PLANT WENT DOWN\*\*\*

SAFETY TOPIC: LIGHTS OUT; DAYS SLTA: 42; WEATHER: 56 - 85F, CLEAR, CALM;

\*\*TOTAL DAYWORK: 3 HOURS\*\*

DATE : 10/2/97 DSS : 2 DEPTH : 4,596.00 MUD WT : 8.30 CUM COST TO DATE : \$28,228

**Hours PH OP ACT Activity Description**

2.00 D OT OT WAIT ON LIGHT PLANT

1.50 D DL DL DRILL CEMENT ( 30 - 80 )

2.50 D TB TB RIG SERVICE AND TEST ANNULAR PREVENTER, TESTED 250 PSI FOR 5 MINUTES AND 750 PSI FOR 10 MINUTES AFTER RETIGHTENING FLANGE BOLTS SEVERAL TIMES

\*\*\* RESUMED DAYWORK AT 08.30 HRS ON OCTOBER 1, 1997\*\*\*

5.00 D DL DL DRILL CEMENT ( 80 - 270 )

0.25 D SR SR SERVICE RIG

1.50 D DL DL DRILL CEMENT ( 270 - 419 )

3.25 D LD LD PICK UP DRILL PIPE, TAGGED CEMENT AT 2892

0.75 D DL DL DRILL CEMENT ( 2892 - 2930 )

0.25 D CI CI CIRCULATE

1.75 D LD LD PICK UP DRILL PIPE, TAGGED CEMENT AT 4389

1.25 D DL DL DRILL CEMENT AND CAST IRON BRIDGE PLUG, PUMP SWEEPS AND WORK JUNK BASKET

0.25 D LD LD PICK UP DRILL PIPE, TAGGED CEMENT AT 4570

1.00 D DL DL DRILL CEMENT AND 1.5' OF CAST IRON BRIDGE PLUG, BIT TORQUING EXCESSIVELY, PUMP SWEEP, WORK JUNK BASKET

1.75 D TR TR TRIP OUT OF HOLE

1.00 D OT OT CLEAN OUT JUNK BASKETS AND REPLACE BIT

WEATHER: CLEAR, CALM, 52 - 83F; SAFETY TOPIC: PICKING UP DRILL PIPE, DAYS SLTA: 43; WATER: DAILY: 960 BBL, CUMULATIVE 2460 BBL



**PERC****OPERATIONS SUMMARY REPORT****WELLNAME :** DARNALL TRUST 24-17 #1 (RE)**RIG NAME :** MURFIN #25**FIELD :** ARCHER**EVENT No. :** 2**AFE No. :** A5062**WELL ID No. :** 09720**API No. :** 05-017-**EVENT DESC. :**
**DATE :** 10/3/97      **DSS :** 3      **DEPTH :** 5,508.00      **MUD WT :** 8.30      **CUM COST TO DATE :** \$68,735

Hours	PH	OP	ACT	Activity Description
0.25	D	BH	BH	MAKE UP BIT
2.25	D	TR	TR	TRIP IN HOLE WITH NEW BIT # 2
2.00	D	DL	DL	FINISH DRILLING BRIDGE PLUG, CIRCULATE AND SWEEP HOLE, WORK JUNK BASKET
1.00	D	LD	LD	PICK UP DRILL PIPE, TAGGED CEMENT AT 5377'
0.25	D	DL	DL	DRILL CEMENT
0.75	D	CI	CI	CIRCULATE AND SWEEP HOLE CLEAN
4.00	D	DL	DL	DRILL CAST IRON BRIDGE PLUG AT 5398'
0.50	D	CI	CI	CIRCULATE AND SWEEP HOLE, WORK JUNK BASKET
0.50	D	LD	LD	PICK UP DRILL PIPE AND TAG BOTTOM AT 5508'
0.25	D	LD	LD	LAY DOWN 5 JOINTS DRILL PIPE
1.00	D	CI	CI	CIRCULATE AND SWEEP HOLE CLEAN, RIG UP TO LAY DOWN DRILL PIPE
4.00	D	LD	LD	LAY DOWN DRILL PIPE AND DRILL COLLARS
1.25	D	NU	NU	NIPPLE DOWN ANNULAR PREVENTER AND FLOWLINE
0.50	D	RS	RS	RIG UP CASING CREW
3.50	D	RC	RC	RUN 125 JOINTS 4 1/2" N-80 11.6 LB/FT LT&C CASING TOTAL LENGTH 5385', SET AT 5375'; DAVIS-LYNCH PACKER-STAGE COLLAR DEPTH 5363', USED 12 CASING CENTRIZERS ( ON SHOE JOINT THEN ON EVERY FOURTH JOINT UP )
0.25	D	RS	RS	RIG DOWN CASING CREW, RIG UP CEMENTERS
0.75	D	OT	OT	ESTABLISH CIRCULATION, DROP BOMB AND WAIT FOR FREE FALL
0.50	D	OT	OT	INFLATE CASING PACKER AND OPEN TOOL, LOOKED GOOD FROM SURFACE INDICATIONS
0.50	D	CM	CM	CEMENTING CASING WITH 50 BBL WATER AHEAD, LEAD: 225 SACKS 50:50 POZ (C) + 6% GEL + 2% CACL2; TAIL: 75 SACKS CLASS C + 1% CACL2, DISPLACED WITH 83 BBL 2% KCL WATER, FULL RETURNS WEATHER: CLEAR, CALM, 59 - 90F; SAFETY TOPIC: RUNNING CASING, DAYS SLTA 44; WATER: DAILY:0 BBL, CUMULATIVE: 2460 BBL *** PRODUCTION DEPT NOTE: 6TH AND 7TH JOINTS FROM TD ARE SHORT ***

**DATE :** 10/4/97      **DSS :** 4      **DEPTH :** 5,508.00      **MUD WT :** 8.30      **CUM COST TO DATE :** \$79,201

Hours	PH	OP	ACT	Activity Description
0.25	D	CM	CM	***FINAL REPORT OF OPERATIONS*** FINISH CEMENTING 4 1/2" PRODUCTION CASING SET AT 5375', PLUG DOWN AT 04.10, PRESSURE UP TO 3000 PSI TO CLOSE TOOL ( 1500 PSI OVER LIFTING PRESSURE ), HELD OK, FULL RETURNS THROUGH OUT JOB, NO CEMENT TO SURFACE..
2.75	D	OT	OT	RIG DOWN CASERS, CLEAN CELLAR, SET SLIPS, CLEAN PITS. RIG RELEASED AT 07.00 ON OCTOBER 3, 1997 TRUCKS WILL BE AVAILABLE TO MOVE RIG TO SOUTHEAST SPEAKER 22-19 #2 ON TUESDAY OCTOBER 7.. WILL START LOCATION ON SATURDAY OCTOBER 5.. ALL RENTAL EQUIPMENT HAS BEEN RELEASED AND WILL BE LOADED OUT ON SATURDAY.

