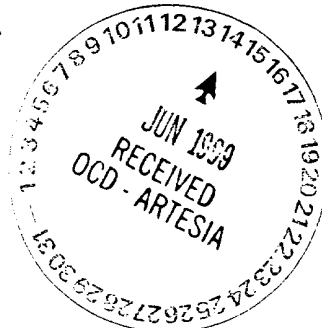


021.1012

**MERIT ENERGY COMPANY
DAILY WORKOVER REPORT**



SUNDANCE FEDERAL #12

09/05/93 BUILD LOCATION & DRILLING PITS. MOVE RIG IN. FILL DRILLING PITS W/H2O TO SPUD. FILL DRLG RIG FRESH H2O TANKS, SPUD WELL AND DRILL 98'.
DC \$43,531 TCTD= \$43,531

09/06/93 TD 650'. MADE 552'. DEV. 1 1/2 DEG @ 320'; 333' @ 1 3/4 DEG; 463' @ 1 3/4 DEG; 650' @ 1 1/2 DEG. VIS 35; PH 10. 13 1/2 DRLG. 1 HR RUNNING DEVIATION SURVEYS 1/2 HR CIRC. 1 1/2 HRS POOH W/DRILL PIPE, 2 HRS RUNNING 13 3/8 CSG. RIG UP DS, PREPARE TO CMT SURFACE.
DC \$10,714 TCTD= \$54,245

09/07/93 TD= 650'. CSG CREW TO RUN 13 3/8" CSG CMT AS FOLLOWS: LEAD W/664 SX 50/50 POZ H W/5# D44 2.5# B28, 1/4 D29, .3% D60, .2% D46 W/TAIL 210 SX 35/65 POZ C 6% D20, 10% D44, .2% D46. CIRC CMT TO SURFACE. CIRC OUT 120 SX OR 42 BBLs. 1 1/2 HRS CMT SURFACE. BUMP PLUG @ 6:45AM. 12 HRS WOC, LEAVING 500#. SHUT IN. 10 1/2 HRS. CUT OFF CSG, WELD SURFACE HEAD & TEST 500#. NIPPLE BOP'S. PICK UP BHA & WAIT ON CMT. WILL RESUME DRLG @ 6:45AM.
DC \$21,730 TCTD= \$75,975

09/08/93 TD= 1496'. FOOTAGE MADE= 846'. DEVIATION SURVEY @ 769' OF 1 1/2 DEG & @ 1210' OF 3/4 DEG. VIS 29; PH 10.5; MUD WT. 10 PPG.
DC \$11,177 TCTD= \$87,152

09/09/93 TD= 2638'. DEVIATION SURVEY @ 1802' OF 3/4 DEG; 2271' OF 1 DEG; & 2519' OF 1 DEG. VIS 29; PH 10.5; WL 9.9.
DC \$14,129 TCTD= \$101,281

09/10/93 TD= 3245'. DEVIATION SURVEYS @ 3768' OF 1 1/4 DEG; 3142' OF 1 DEG. VIS 29; PH 10.5; WL 10 PPG
DC \$46,234 TCTD= \$147,515

09/11/93 TD= 3830'. DEVIATION SURVEY @ 3485' OF 1 1/2 DEG; @ 3679' OF 2 DEG; @ 3759' OF 1 1/2 DEG. VIS 29; PH 10.5
DC \$7,020 TCTD= \$154,535

09/12/93 TD= 4100'. DEVIATION SURVEYS @ 3882' OF 2 1/2 DEG; @ 3943' OF 2 1/4 DEG; @ 4016' OF 2 DEG. MUD WT. 10; VIS 29; PH 18.
DC \$4,915 TCTD= \$159,450

09/13/93 TD= 4100'. SURVEYS @ 4100' OF 1 3/4 DEG. CIRCULATE HOLE. POOH W/DP. LAY6 DOWN DRILL COLLARS. RU CSG CREW & RIH W/2113' OF 32# 8 5/8" CSG & 2108' OF 24# 8 5/8" CSG. SET SHOE @ 4100'. RU DS & CMT AS FOLLOWS: 1500SX 65/35 C/POZ W/6% B-20, 10% D44, 2% D46. TAIL W/200 SX CLASS "C" NEAT +2% S-1. SD WOC.

09/14/93 TD= 4387'. NU BOP's. PU DC's & BHA. DO CMT & PLUG. ME WT.

09/15/93	TD= 5344'. FINISH POOH TO RETRIVE WL & SURVEY TOOL. TRIP BACK IN HOLE, DRILL 31' HR. DEVIATION SURVEY 4446' @ 1 1/4 DEG; @ 4927' OF 1/2 DEG. DC \$12,833	TCTD= \$193,537
09/16/93	TD= 6338'. SURVEYS @ 5399' OF 1/2 DEG; @ 5857' OF 3/4 DEG. MUD WT. 8.0; VIS 30; PH 10; WL 12.	
09/17/93	TD= 6859'. MUD WT. 9.1; VIS 30; PH 9.5; WL 12. DRILLING 18' TO 20' PER HR. DC \$7,027	TCTD= \$215,517
09/18/93	TD= 7032'. DRLG, LOST PUMP PSI, PUMP SOFT ROPE, POOH TO REPLACE HOLE IN DRILLPIPE. TIH, DRLG. LOST CIRCULATION 7032, PULL UP 5 STANDS, MIX LOST CIRC. MATERIAL & PUMP DN HOLE. AFTER 6 3/4 HRS, GOT RETURNS BACK. RIH W/BIT & RESUME DRLG DC \$3,201	TCTD= \$218,718
09/19/93	TD= 7558'. DEVIATION SURVEY AT 7317' OF 1 DEG. MUD WT. 8.9; VIS 34; PH 10.5; WL 15.	
09/20/93	TD= 7958'. DEVIATION SURVEY AT 7817' OF 3/4 DEG. MUD WT. 8.9; VIS 33; PH 10; WL 14. DC \$47,800	TCTD= \$278,485
09/21/93	TD= 8180'. MUD WT. 9.2; VIS 31; PH 10; WL 16. DRLG RIG AT TD, CIRCULATED 1 1/2 HRS AT TD/ POOH W/10 STANDS APX 900'. RIH TO TD CIRCULATED 1 1/2 HRS. POOH W/DRILL STRING. MIXED PAPER TO REGAIN MAX. CIRC. DC \$3,714	TCTD= \$282,199
09/22/93	TD= 8180'. POOH W/DRILL PIPE. RU SHCLUMBERGER. RAN OPEN HOLE LOGS, RD SCHLUMBERGER. RIH W/DRILL STRING, CIRCULATE HOLE. POOH LAYING DOWN DRILL PIPE & COLLAR. START RIH W/ 5 1/2 CASING. LOG DEPTH 8178. DC= \$5,700	TCTD= \$287,899
09/23/93	TD= 8180', W/L 8178'. FINISH RIH W/5 1/2 CSG. CMT BUMP PLUG ON 2ND STAGE @ 9:15 PM. ND BOP'S, SET SLIPS & MAKE CUT OFF. LAND TREE & PACK-OFF. START RIGGING DOWN. RAN TOTAL OF 201 JTS 4 1/2" CSG 1128', 17# ON BTM & 818', 17# ON TOP 6235', 15.5#. CSG SHOE @ 8180', CSG COLLAR @ 8142'. DV TOOL @ 5521'. DC \$41,855	TCTD= \$329,754
09/24/93	TD= 8180'. DEVIATION SURVEY @ 8180' OF 1/2 DEG. MOVE DRLG RIG OFF LOCATION @ 2AM. CLEAN LOCATION, FILLED CELLAR W/GRAVEL. PREPARE TO MOVE IN COMPLETION EQUIPMENT. DC \$1,300	TCTD= \$331,054
09/25/93	MIRU PRIDE W/S. PU 4 3/4 DEG BIT & DC's & TIH W/NEW 2 7/8" TBG. TAG CMT @ 5400' & DV TOOL 5525'. AFTER DRLG OUT DV TOOL TEST 1000#, OK. CONTINUE IN HOLE, TAG CMT @ 7980'. DRILL OUT TO 8010'. SION. DC \$2,890	TCTD= \$333,944
09/26/93	FINISH DRLG OUT CMT TO 8104'. CIRC HOLE W/2% KCL FW. POOH, RU SCHLUMBERGER & RUN CET BTM 1000'. RUN CBL TO LOCATE CMT TOP. TOP OF CMT 3790', DOWN TO 5576'. DV TOOL IS COVERED. CMT VOID FROM 5802' TO 5576'. TOTAL OF 226' OR 16 BBLs. ROH & RD SCHLUMBERGER. RU JSI & TIH & PERFORATE 1 SPF @ 7881' TO 8027'. 19 HOLES. POOH & RD JSI. PU 5 JTS TAILPIPE & 5 1/2" MODEL R; TESTING PKR & TIH 10 STDS. SION. DC \$9.645	TCTD= \$343,589

09/27/93	FINISH TIH W/MODEL R PKR, PUT EOT @ 8032'. SPOT 3.5 BBLs ACROSS PERFS. PU W/PKR @ 7659' & EOT @ 7815'. REVERSE 2 BBLs & SET PKR PSI BACKSIDE 500#. RU SERFCO & BREAK DOWN PERFS @ 1320#. ESTABLISH RATE 5 BPM @ 1830# TO 1330#. PUMP SPOT ACID AWAY, SHUT DOWN ISIP 320#, 5 MIN 240#. RE- ESTABLISH INJECTION RATE START ACID, PUMP 32.5 BBLs ACID & 38 BALL SEALERS, EVENLY SPACED THROUGHOUT JOB. BALL OUT @ 4800#, SURGE BALLS OFF & PUMP REMAINING ACID AWAY. AVERAGE RATE 4.9 BPM AVERAGE PSI 1150# MAXD 4800# ISIP 310# 5 MIN 290# 10 MIN 280# 15 MIN 270# DC \$4,977	TCTD= \$348,566
09/28/93	SI PSI 750#. FLOWED 17BO; 8 BW. FLUID ENTRY 1000'/HR. 10 SWAB RUNS. TOTAL RECOVERY 45 BBLs. 34 BO; 11 BW. DC \$2,080	TCTD= \$350,646
09/29/93	SI PSI 950#. FLOWED 18 BBLs; 15 BO; 3 BW. FLUID ENTRY 1500'/HR. 4 SWAB RUNS - 15 BBLs RECOVERED, 10 BO; 5 BW. POH W/PKR & NU FOR FRAC JOB 9/30/93. DC \$2,995	TCTD= \$353,641
09/30/93	RU BJ, BLEED PSI OFF WELLHEAD. PREPARE TO FRAC, PUMP FRAC. PUMPED 125 BBLs PAD, 7161 BBLs PAD, 200100 LBS 16/30 OTTAWA SAND. RAMPED FROM 1.3 TO 8 LBS PUMPED 72,220 LBS 12/20 RC SAND AT 8 LBS. FLUSH W/ 184 BBLs FL. AVG TREATING PSI 500 MAX PSI 1128 LBS. AVG PUMP RATE 19.8 BPM. ISIP 700, START FORCE CLOSURE, CLOSED AT 430 PSI IN APX 25 MINUTES FLOWING BACK AT APX 8 GALLONS PM. SI WELL OVERNIGHT DC \$67,064	TCTD= \$420,705
10/01/93	SI PSI 150#, BLEED OFF WELL & NU BOP's. PU NOTCHED COLLAR & TIH TO 5800'. RIH BROKE DOWN. REPAIR RIG. TIH TO 7700' & SION. DC \$945	TCTD= \$421,650
10/02/93	RU POWER SWIVEL. NO TRUCK, CIRC HOLE CLEAN. WELL COMING IN, POOH W/TBG TO EOT 7746'. SI, PUT WELL TO FLOWING TO FRAC TANK. CLEANED OUT SAND TO PBTd. WELL FLOWING THRU TBG 600 PSI ON 18/64 CHOKE 900 PSI CSG. SI & WATCH WELL OVERNIGHT. DC \$5,932	TCTD= \$427,582
10/03/93	EMPTY FRAC TANKS, TURN WELL TO TANK BATTERY. WELL FLOWING ON 18/64 CHOKE W/600 PSI TBG, 900 PSI CSG WELL MADE TO TANK BATTERY 66 BO; 79 BW; APX 269 MCF, 12 HR TEST TO TANK BATTERY. TREAT OIL IN TEST TANK, PREPARE TO SEND IT TO BATTERY. DC \$2,047	TCTD= \$429,629
10/04/93	409 BO; 130 BW; 18/64" CHOKE; 540# FTP.	
10/05/93	220BO; 310 MCF; 150 BW ON 18/64" CHOKE 500# FTP.	