



WELL CHRONOLOGY REPORT

Page 1



00254505

WELL NAME : SPETTERS #43-7OPERATOR : APACHE CORPORATIONFIELD : WILDCATCOUNTY & STATE : MOFFATFORMATION : LEWIS "A3"APA WI% : 100.00000 AFE# : W96-0068 API# : 0508106899DHC : \$171.701 CWC : \$299.319 AFE TOTAL : \$471.020

AFE DESCRIPTION :

DISTRICT : FARMINGTONLOCATION : 600' FEL & 2000' FSL

CONTRACTOR :

PLAN DEPTH : 4.900SPUD DATE : 6/6/96**AUG 5 1996***NESE 7 8N 90W*

REPORT DATE : 6/7/96 MD: 525 TVD: DSS: 1 DOL: 1 FTG: 525 MW: VISC:
DAILY: DC: \$22.156 CC: \$0 TC: \$22.156 CUM: DC: \$22.156 CC: \$0 TC: \$22.156
DAILY DETAILS: RU. Drlg f/58'-288'. WL survey @ 247'-3/4 deg. Drlg f/281'-525'. WL survey @ 484'-3/4 deg. Circ for wiper trip. Wiper trip.

REPORT DATE : 6/8/96 MD: 1.650 TVD: DSS: 2 DOL: 2 FTG: 1.125 MW: 8.3 VISC: 27
DAILY: DC: \$32.295 CC: \$0 TC: \$32.295 CUM: DC: \$54.451 CC: \$0 TC: \$54.451
DAILY DETAILS: TOH, LD 2 6" & 2 8" DCs. RU & run 8-5/8" csg. Circ for csg. Cmt csg. WOC. Weld on head & NU. Test BOPs to 1500 psi, ok. TIH. Drill float collar & cmt. Test csg to 1500 psi. Drlg shoe + 10' form, test form @ 200 psi. Drlg to 1650'. Survey @ 1,225'-1-3/4 deg.

REPORT DATE : 6/9/96 MD: 4.040 TVD: DSS: 3 DOL: 3 FTG: 2.390 MW: 8.6 VISC: 34
DAILY: DC: \$44.152 CC: \$0 TC: \$44.152 CUM: DC: \$98.603 CC: \$0 TC: \$98.603
DAILY DETAILS: Drlg & survey. Drlg f/3,260'-3,633', start mud up @ 3,260'. Drlg & survey to 4,040'. Surveys @ 2,262'-2 deg, 2,760'-3-1/4 deg, 3,102'-3-1/2 deg, 3,748'-1-1/2 deg.

REPORT DATE : 6/10/96 MD: 4.900 TVD: DSS: 4 DOL: 4 FTG: 860 MW: 9.4 VISC: 48
DAILY: DC: \$16.248 CC: \$0 TC: \$16.248 CUM: DC: \$114.851 CC: \$0 TC: \$114.851
DAILY DETAILS: Drlg f/4,040'-4,296'. Circ. Pump pill, drop survey, trip for bit. Drlg f/4,296'-4,900' (TD @ 2,230', 6/9/96). Circ & cond mud, pump pill. Wiper trip 46 stds (work tight spots 3,040'-3,790'). Circ & cond for logs. Trip for logs. Survey @ 4,275'-3/4 deg.

REPORT DATE : 6/11/96 MD: 4.900 TVD: DSS: 5 DOL: 5 FTG: 0 MW: 9.6 VISC: 49
DAILY: DC: \$21.782 CC: \$0 TC: \$21.782 CUM: DC: \$136.633 CC: \$0 TC: \$136.633
DAILY DETAILS: TOH SLM (4,899' NC). RU Schlumberger, log & RD. WO orders & LD DCs. TIH to condition hole for csg. Survey @ 4,900'-1 deg.

REPORT DATE : 6/12/96 MD: 4.900 TVD: DSS: 6 DOL: 6 FTG: 0 MW: 9.6 VISC: 46
DAILY: DC: \$57.983 CC: \$0 TC: \$57.983 CUM: DC: \$194.616 CC: \$0 TC: \$194.616
DAILY DETAILS: Condition hole to run casing. Run 110 jts- 5-1/2" 17#/ft K-55 casing. Cement first stage. Circulate through DV tool, recover a little cement. Circulate second stage, cement to surface, bump plug, nipple down BOP set slips, cut off. Rig release 0530 6/12/96.

REPORT DATE : 6/25/96 MD: 4.900 TVD: DSS: 19 DOL: 19 FTG: 0 MW: VISC:
DAILY: DC: \$0 CC: \$7.855 TC: \$7.855 CUM: DC: \$194.616 CC: \$7.855 TC: \$202.471
DAILY DETAILS: Set & test anchor. MIRU Dunbar Rig #28. Power swivel, circ pump & tank, pipe racks & cat walk. NU BOP. SDFN.



WELL CHRONOLOGY REPORT

WELL NAME : SPETTERS #43-7

 OPERATOR : APACHE CORPORATION

 FIELD : WILDCAT

 COUNTY & STATE : MOFFAT

 FORMATION : LEWIS "A3"

 APA WI% : 100.00000 AFE# : W96-0068 API# : 0508106899

 DHC : \$171,701 CWC : \$299,319 AFE TOTAL : \$471,020

AFE DESCRIPTION :

 DISTRICT : FARMINGTON

 LOCATION : 600' FEL & 2000' FSL

CONTRACTOR :

 PLAN DEPTH : 4,900

 SPUD DATE : 6/6/96
AUG 5 1996
REPORT DATE : 6/26/96 MD: 4,900 TVD : DSS : 20 DOL : 20 FTG: 0 MW: VISC:

 DAILY: DC : \$0 CC : \$16,123 TC : \$16,123 CUM: DC : \$194,616 CC : \$23,978 TC : \$218,594

DAILY DETAILS: Took delivery of 121 jts. new 2-7/8" J-55 8r EUE tbg. PU 4-3/4" rock bit & scraper. TIH. Tag cement @ 3065'. RU power swivel & circ unit. Drill soft cement to DV @ 3075'. Drill through DV in one hour. DV plug slid down to 3101. Rotate on plug 4 hrs made 2.5' to 3103.5'. Plug turning below bit. 7:00 pm. SDFN.

REPORT DATE : 6/27/96 MD: 4,900 TVD : DSS : 21 DOL : 21 FTG: 0 MW: VISC:

 DAILY: DC : \$0 CC : \$4,580 TC : \$4,580 CUM: DC : \$194,616 CC : \$28,558 TC : \$223,174

DAILY DETAILS: Drill up rest of DV. TIH w/rest of tbg to 3818'-circ clean w/3% KCl. MIRU Western Atlas Wireline. Run GR/CCL/CBL from 3800' to 1800', no press. Repeat 3300' to 1800' w/100 psi. RDWL. Test csg 4000 psi 15 min.-ok. TIH tbg. Close well in SDFN.

REPORT DATE : 6/28/96 MD: 4,900 TVD : DSS : 22 DOL : 22 FTG: 0 MW: VISC:

 DAILY: DC : \$0 CC : \$4,580 TC : \$4,580 CUM: DC : \$194,616 CC : \$33,138 TC : \$227,754

DAILY DETAILS: Swab well dn to 3250'. Per Lewis Fm 3634-40' using 4" HSC w/4-23 gram JSPPR 90" (24 total shots) slight csg blow after shot. TIH tbg. Tree-up. Pump out Baker tbg plug. Swab well dry. Close well in. RDMO SU. (Move to Latin 43-12)

REPORT DATE : 6/29/96 MD: 4,900 TVD : DSS : 23 DOL : 23 FTG: 0 MW: VISC:

 DAILY: DC : \$0 CC : \$2,453 TC : \$2,453 CUM: DC : \$194,616 CC : \$35,591 TC : \$230,207

DAILY DETAILS: 12 hr SITP=250 psi. Left well SI for PBU.

REPORT DATE : 6/30/96 MD: 4,900 TVD : DSS : 24 DOL : 24 FTG: 0 MW: VISC:

 DAILY: DC : \$0 CC : \$560 TC : \$560 CUM: DC : \$194,616 CC : \$36,151 TC : \$230,767

DAILY DETAILS: 36 hr SITP-800 psi. Left well SI. Heat frac fluid to 90 deg.

REPORT DATE : 7/1/96 MD: 4,900 TVD : DSS : 25 DOL : 25 FTG: 0 MW: VISC:

 DAILY: DC : \$0 CC : \$60 TC : \$60 CUM: DC : \$194,616 CC : \$36,211 TC : \$230,827

DAILY DETAILS: 60 hr STIP=1000 psi. Blew dn to pit (no fluid). MIRU Dowell frac equip, Cameo N2 Service and Stinger Inc. tree saver. Rita Dickey w/Analytical Lab Inc. checking frac fluids. Dowell could not get fluid quality good enough for a frac attempt. 5:00 pm sent crews home. Attempt frac tomorrow.

REPORT DATE : 7/2/96 MD: 4,900 TVD : DSS : 26 DOL : 26 FTG: 0 MW: VISC:

 DAILY: DC : \$0 CC : \$100 TC : \$100 CUM: DC : \$194,616 CC : \$36,311 TC : \$230,927

DAILY DETAILS: Dowell on location to frac. Could not get their fluids right. 3:00 pm-RD all frac equip and sent them home. Close well in, SD operations.



WELL CHRONOLOGY REPORT

WELL NAME : SPETTERS #43-7

 OPERATOR : APACHE CORPORATION

 FIELD : WILDCAT

 COUNTY & STATE : MOFFAT

 FORMATION : LEWIS "A3"

 APA WI% : 100.00000 AFE# : W96-0068 API# : 0508106899

 DHC : \$171.701 CWC : \$299.319 AFE TOTAL : \$471.020

AFE DESCRIPTION :

 DISTRICT : FARMINGTON

 LOCATION : 600' FEL & 2000' FSL

CONTRACTOR :

 PLAN DEPTH : 4.900

 SPUD DATE : 6/6/96

AUG 5 1996

REPORT DATE : 7/3/96 MD: 4.900 TVD : DSS : 27 DOL : 27 FTG: 0 MW: VISC:
 DAILY : DC : \$0 CC : \$60 TC : \$60 CUM : DC : \$194.616 CC : \$36.371 TC : \$230.987
 DAILY DETAILS : Operation SD. SITP=900 psi.

REPORT DATE : 7/4/96 MD: 4.900 TVD : DSS : 28 DOL : 28 FTG: 0 MW: VISC:
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$194.616 CC : \$36.371 TC : \$230.987
 DAILY DETAILS : Operation SD pend Frac.

REPORT DATE : 7/5/96 MD: 4.900 TVD : DSS : 29 DOL : 29 FTG: 0 MW: VISC:
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$194.616 CC : \$36.371 TC : \$230.987
 DAILY DETAILS : Operations SD pend Frac.

REPORT DATE : 7/6/96 MD: 4.900 TVD : DSS : 30 DOL : 30 FTG: 0 MW: VISC:
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$194.616 CC : \$36.371 TC : \$230.987
 DAILY DETAILS : Operations SD pending frac.

REPORT DATE : 7/7/96 MD: 4.900 TVD : DSS : 31 DOL : 31 FTG: 0 MW: VISC:
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$194.616 CC : \$36.371 TC : \$230.987
 DAILY DETAILS : Operations SD pending frac.

REPORT DATE : 7/8/96 MD: 4.900 TVD : DSS : 32 DOL : 32 FTG: 0 MW: VISC:
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$194.616 CC : \$36.371 TC : \$230.987
 DAILY DETAILS : Operations SD pending frac.

REPORT DATE : 7/9/96 MD: 4.900 TVD : DSS : 33 DOL : 33 FTG: 0 MW: VISC:
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$194.616 CC : \$36.371 TC : \$230.987
 DAILY DETAILS : Operations SD pending frac.

REPORT DATE : 7/10/96 MD: 4.900 TVD : DSS : 34 DOL : 34 FTG: 0 MW: VISC:
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$194.616 CC : \$36.371 TC : \$230.987
 DAILY DETAILS : Operations SD pending frac.

REPORT DATE : 7/11/96 MD: 4.900 TVD : DSS : 35 DOL : 35 FTG: 0 MW: VISC:
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$194.616 CC : \$36.371 TC : \$230.987
 DAILY DETAILS : Operations SD pending frac.



WELL CHRONOLOGY REPORT

WELL NAME : SPETTERS #43-7

OPERATOR : APACHE CORPORATION

FIELD : WILDCAT

COUNTY & STATE : MOFFAT

FORMATION : LEWIS "A3"

APA WI% : 100.00000 AFE# : W96-0068 API# : 0508106899

DHC : \$171,701 CWC : \$299,319 AFE TOTAL : \$471,020

AFE DESCRIPTION :

DISTRICT : FARMINGTON

LOCATION : 600' FEL & 2000' FSL

CONTRACTOR :

PLAN DEPTH : 4,900

SPUD DATE : 6/6/96

AUG 5 1996

REPORT DATE : 7/12/96 MD: 4,900 TVD : DSS : 36 DOL : 36 FTG: 0 MW: VISC:
 DAILY : DC : \$1,115 CC : \$0 TC : \$1,115 CUM : DC : \$195,731 CC : \$36,371 TC : \$232,102
 DAILY DETAILS : 9 day SITP = 1075 psi. Haul in 400 bbl fresh wtr and spot BJ Sand master in preparation for frac.

REPORT DATE : 7/13/96 MD: 4,900 TVD : DSS : 37 DOL : 37 FTG: 0 MW: VISC:
 DAILY : DC : \$0 CC : \$60 TC : \$60 CUM : DC : \$195,731 CC : \$36,431 TC : \$232,162
 DAILY DETAILS : 10 day SITP=1075 psi. MI & spot B-J frac equip.

REPORT DATE : 7/14/96 MD: 4,900 TVD : DSS : 38 DOL : 38 FTG: 0 MW: VISC:
 DAILY : DC : \$0 CC : \$27,313 TC : \$27,313 CUM : DC : \$195,731 CC : \$63,744 TC : \$259,475
 DAILY DETAILS : B-J. Load tbg/csg w/3% KCl-C-star rate into PM 4 BPM @ 3000 psi. 25 bbl. Start frac pad would not gel. WO more chemicals & N2. Restart pad-no gel-SD. Restart w/65 qual N2 foam & 20/40 sand continue frac 3.6 to 6 BPM. Avg press 3640 psi. Screen out w/23# on perms-40,000# sand away-4,500# of tbg. RD BJ. Start flow back on 18/64 ck @ 4200 psi. 406 BLOTR.

REPORT DATE : 7/15/96 MD: 4,900 TVD : DSS : 39 DOL : 39 FTG: 0 MW: VISC:
 DAILY : DC : \$0 CC : \$856 TC : \$856 CUM : DC : \$195,731 CC : \$64,600 TC : \$260,331
 DAILY DETAILS : Flow frac back on 18/64 choke. 9 hrs. Recovered 73 bbl foam/fluid & sand. FTP=325, CP=350. No burnable gas as of 6:00 am. 333 BLOTR.

REPORT DATE : 7/16/96 MD: 4,900 TVD : DSS : 40 DOL : 40 FTG: 0 MW: VISC:
 DAILY : DC : \$0 CC : \$1,108 TC : \$1,108 CUM : DC : \$195,731 CC : \$65,708 TC : \$261,439
 DAILY DETAILS : Flow rate up 2-7/8" tbg. 24 hrs. Heavy to light slugs of fluid first 9 hrs on 18/64 choke. Burnable gas last 15 hrs on 14/64 choke at 150 psi FTP-Rate at 6:00 am (after 33 hr flowback) 167 MCFD-recovered 28 bbl fluid-305 BTFLTR.

REPORT DATE : 7/17/96 MD: 4,900 TVD : DSS : 41 DOL : 41 FTG: 0 MW: VISC:
 DAILY : DC : \$0 CC : \$2,133 TC : \$2,133 CUM : DC : \$195,731 CC : \$67,841 TC : \$263,572
 DAILY DETAILS : 24 hr flow test thru 12/64 choke to flare. Avg FTP=193. Avg rate = 133 MCFD. Tbg loading up. Shut in and surge on 1 hrs intervals. Unloading small amounts of fluid. RIH w/W.L. Tag PBTD @ 4490'. 4:00 pm - shut well in for night. Release flow crew. Rec 15 bbl fluid, 290 BTFLTR.

REPORT DATE : 7/18/96 MD: 4,900 TVD : DSS : 42 DOL : 42 FTG: 0 MW: VISC:
 DAILY : DC : \$0 CC : \$356 TC : \$356 CUM : DC : \$195,731 CC : \$68,197 TC : \$263,928
 DAILY DETAILS : 14 hr SITP=900 psi. 8:00 am open to flare on 12/64 choke for 8 hr. Avg FTP=215. Avg 215 MCFD. Final FTP=165-Final rate 133 MCFD. 4:00 pm open choke - unload 5 bbl wtr. Shut well in. 285 BTFLTR.



WELL CHRONOLOGY REPORT

WELL NAME : SPETTERS #43-7

 OPERATOR : APACHE CORPORATION

 FIELD : WILDCAT

 COUNTY & STATE : MOFFAT

 FORMATION : LEWIS "A3"

 APA WI% : 100.00000 AFE# : W96-0068 API# : 0508106899

 DHC : \$171,701 CWC : \$299,319 AFE TOTAL : \$471,020

AFE DESCRIPTION :

 DISTRICT : FARMINGTON

 LOCATION : 600' FEL & 2000' FSL

CONTRACTOR :

 PLAN DEPTH : 4,900

 SPUD DATE : 6/6/96

AUG 5 1996

REPORT DATE : 7/19/96 MD: 4,900 TVD: DSS : 43 DOL : 43 FTG: 0 MW: VISC:
 DAILY: DC : \$100 CC : \$0 TC : \$100 CUM: DC : \$195,831 CC : \$68,197 TC : \$264,028
 DAILY DETAILS : 17 hr SITP 900 psi. NO OPERATIONS.

REPORT DATE : 7/20/96 MD: 4,900 TVD: DSS : 44 DOL : 44 FTG: 0 MW: VISC:
 DAILY: DC : \$0 CC : \$2,380 TC : \$2,380 CUM: DC : \$195,831 CC : \$70,577 TC : \$266,408
 DAILY DETAILS : SITP=1050 psi. MIRU SU., pump tanks, blow to pit. Kill w/60 bbl 3% KCL--ND WH NU BOP-TOOH w/tbg. Close well in SDFN.

REPORT DATE : 7/21/96 MD: 4,900 TVD: DSS : 45 DOL : 45 FTG: 0 MW: VISC:
 DAILY: DC : \$0 CC : \$250 TC : \$250 CUM: DC : \$195,831 CC : \$70,827 TC : \$266,658
 DAILY DETAILS : SD. WO Halliburton.

REPORT DATE : 7/22/96 MD: 4,900 TVD: DSS : 46 DOL : 46 FTG: 0 MW: VISC:
 DAILY: DC : \$0 CC : \$6,708 TC : \$6,708 CUM: DC : \$195,831 CC : \$77,535 TC : \$273,366
 DAILY DETAILS : SICP=350 psi. RU Halliburton WL. Set cmt ret @ 3584' above Lewis FM. TIH tbg spot 200 gal 15% HCl 2410-2605'. Pull up to 2000'. Swab csg to 1120'. TOOH tbg. RIH w/4' OD HSC 23 gam 4/SPF 90 deg phase gun. Perf lance fm 2578-83'/2590-2602'. POH RDWI - Strong blow after shot. CP-1 hr=900 psi. Open on 30/64 to mud tank. Recovered all csg load & acid (34 bbl) 5:00 pm-close in. SDFN.

REPORT DATE : 7/23/96 MD: 4,900 TVD: DSS : 47 DOL : 47 FTG: 0 MW: VISC:
 DAILY: DC : \$0 CC : \$18,639 TC : \$18,639 CUM: DC : \$195,831 CC : \$96,174 TC : \$292,005
 DAILY DETAILS : 14 hr SICP=1000 psi. Killed well with 93 bbl 3% KCl wtr. Acidize Lance FM w/3000 gal 15% HCl & ball sealers. Avg treat press 1500 psi at 5 BPM. Some ball action-no ball off-made 12 swab runs off SN. Recovered 38 bbl wtr & acid. FFL SN. SI for overnight buildup. 127 BTFLTR.

REPORT DATE : 7/24/96 MD: 4,900 TVD: DSS : 48 DOL : 48 FTG: 0 MW: VISC:
 DAILY: DC : \$0 CC : \$2,440 TC : \$2,440 CUM: DC : \$195,831 CC : \$98,614 TC : \$294,445
 DAILY DETAILS : 14 hr SITP+550 psi. Made 2 swab runs of pkr. IFL=500', 2nd rn 2000'. Well started flowing to mud tank thru pinched 2" valve holding 300 psi back press. Recovered 27 bbls acid water in 6 hrs. RU test separator & tanks. Estab gas rate of 625 MCFD. Holding 280 psi back press. Dumping wtr at 2.5 BPH 100 bbl TFLTR.

REPORT DATE : 7/25/96 MD: 4,900 TVD: DSS : 49 DOL : 49 FTG: 0 MW: VISC:
 DAILY: DC : \$0 CC : \$2,040 TC : \$2,040 CUM: DC : \$195,831 CC : \$100,654 TC : \$296,485
 DAILY DETAILS : 24 hr flow test, initial gas rate 625 MCFD. FTP=325. Final rate 859 MCFD, FTP=325. Water decreasing from 2.5 BPH to less than 1.5 BPH. Recovered 35 BW, 65 BWLTR. Water clarity getting progressively better throughout the day.



WELL CHRONOLOGY REPORT

WELL NAME : SPETTERS #43-7

 OPERATOR : APACHE CORPORATION

 FIELD : WILDCAT

 COUNTY & STATE : MOFFAT

 FORMATION : LEWIS "A3"

 APA WI% : 100.00000 AFE# : W96-0068 API# : 0508106899

 DHC : \$171,701 CWC : \$299,319 AFE TOTAL : \$471,020

AFE DESCRIPTION :

 DISTRICT : FARMINGTON

 LOCATION : 600' FEL & 2000' FSL

CONTRACTOR :

 PLAN DEPTH : 4,900

 SPUD DATE : 6/6/96

AUG 5 1996

REPORT DATE : 7/26/96 MD: 4,900 TVD : DSS : 50 DOL : 50 FTG: 0 MW: VISC:
 DAILY : DC : \$2,778 CC : \$0 TC : \$2,778 CUM : DC : \$198,609 CC : \$100,654 TC : \$299,263

DAILY DETAILS : 24 hr flow test, initial gs rate 858 MCFD. FTP=325. Final rate 778 MCFD, FTP=325. Water recovery varies from 1.88 BPH to 1.25 BPH. Recovered 37 BW. No trace of oil. 28 BWLTR. Water samples sent to Halliburton for analysis.

REPORT DATE : 7/27/96 MD: 4,900 TVD : DSS : 51 DOL : 51 FTG: 0 MW: VISC:
 DAILY : DC : \$0 CC : \$2,040 TC : \$2,040 CUM : DC : \$198,609 CC : \$102,694 TC : \$301,303

DAILY DETAILS : 24 hr flow test, initial gas rate 778 MCFD. FTP=325. Final rate 672 MCFD, FTP=325. All load water recovered plus 2 bbls.

REPORT DATE : 7/28/96 MD: 4,900 TVD : DSS : 52 DOL : 52 FTG: 0 MW: VISC:
 DAILY : DC : \$0 CC : \$2,040 TC : \$2,040 CUM : DC : \$198,609 CC : \$104,734 TC : \$303,343

DAILY DETAILS : 24 hr flow test, initial gas rate 672 MCFD. FTP=325. Final rate 510 MCFD, FTP=308. Produced 26 BW & 0 BO in last 24 hrs.

REPORT DATE : 7/29/96 MD: 4,900 TVD : DSS : 53 DOL : 53 FTG: 0 MW: VISC:
 DAILY : DC : \$0 CC : \$2,040 TC : \$2,040 CUM : DC : \$198,609 CC : \$106,774 TC : \$305,383

DAILY DETAILS : 24 hr flow test, initial gas rate 510 MCFD. FTP=308. Final rate 417 MCFD, FTP=300. Produced 22 BW & 0 BO. All load plus 50 BW recovered to date.

REPORT DATE : 7/30/96 MD: 4,900 TVD : DSS : 54 DOL : 54 FTG: 0 MW: VISC:
 DAILY : DC : \$0 CC : \$3,660 TC : \$3,660 CUM : DC : \$198,609 CC : \$110,434 TC : \$309,043

DAILY DETAILS : 18 hr flow test, initial gas rate 417 MCFD. FTP=300. Final rate 354 MCFD, FTP=295. Produced 14 BW & 0 BO. (All load recovered plus 64 BW to date). MIRU Kauppi WL, w/well flowing @ 250 psi made gauge ring run to 2451. PU 3000 lb amerada & 10,000 lb electronic bomb. RIH and set @ 2451'. RD WL. Flow 1-1/2 hr @ 200 psi. SD @ 5:00 pm for 72 hr buildup.

REPORT DATE : 7/31/96 MD: 4,900 TVD : DSS : 55 DOL : 55 FTG: 0 MW: VISC:
 DAILY : DC : \$0 CC : \$300 TC : \$300 CUM : DC : \$198,609 CC : \$110,734 TC : \$309,343

DAILY DETAILS : 72 hr BHP survey.

REPORT DATE : 8/1/96 MD: 4,900 TVD : DSS : 56 DOL : 56 FTG: 0 MW: VISC:
 DAILY : DC : \$0 CC : \$300 TC : \$300 CUM : DC : \$198,609 CC : \$111,034 TC : \$309,643

DAILY DETAILS : 72 hr. BHP survey.