

ME-TEX OIL & GAS, INC.
DAILY OPERATING ACTIVITY
J. COOPER #2

LOCATION: 1450' FNL & 1,864' FEL.
SECTION 3, T20S - R37E,
LEA COUNTY, NEW MEXICO

ELEVATION: K.B. - 3572' (11' ABOVE G.L.)

LOCATION STAKED & PREPARED, SETTLEMENT MADE WITH LAND-SURFACE OWNER, J.COOPER.

- 02/13/98 DRLG. 597' RB. AND SAND (74 FT./HR.), MUD: 8.5 PND./GAL., VIS. 40 SEC., PH 9, PROGRESS 597'; 1° DEV. AT 500 FT.; BIT #1 - 12¼" VAREL 527-C MADE 597' IN 8 HRS.; CAPSTAR DRILLING RIG #6 SPUDED AT 9:45 P.M. 02-12-98, 11 HRS. MIRR, 3-3/4 WOW, 8 HRS. DRLG., 3/4 HR. REPAIR, ½ HR. DEV.; 12 LOADS FRESH WATER, MIX 5 SXS. PAPER.
- 02/14/98 DRLG. 1,400' RB. & ANHY. (36'/HR.). MUD: 9.4#/GAL. - VIS. 33 SECS. - PH 10, PROG. 803', BIT #1 MADE 1,400' IN 30½ HRS., ½° AT 970', PUMP PSR. 700 P.S.I. - RPM 65 - BIT WT. 40,000#; 22½ HRS. DRLG. - ½ HR. REPAIR - 1 HR. DEV.; HAUL 5 LOADS BRINE WTR. & 2 LOADS FRESH WTR., MIX 9 SXS. PAPER - 4 SXS. CAUSTIC.
- 02/15/98 DEPTH 1,420' ANHY. W.O.C. 8-5/8" SURFACE CSG.; MUD 9.4#/GAL. - VIS. 33 SECS. - PH 10, PROG. 20', 1-3/4° DEV. AT 1,420', BIT #1 MADE 1,420' IN 31½ HRS., P.P. 700 P.S.I. - RPM 65 - BIT WT. 40,000#; 1 HR. DRLG. - 1 HR. DEV. & CIRC. - 2 HRS. T.O.H. FOR CSG. - 4 HRS. R. & RN. 35 JTS. 23#/FT. NEW 8-5/8" CSG. FROM U.P. & S. SET AT 1,420' - 3 HRS. NIPPLE-UP - 6 HRS WAITING ON CMT.; CMTED. WITH 525 SXS. CLASS "C" CMT., 4% GEL, 2% CACL₂, ¼#/SX. CELLO-FLAKE, TAIL-IN WITH 200 SXS. CLASS "C" CMT., 2% CACL₂, CIRC. TO SURFACE, 127 SXS. CMT., P.D. AT 5:30 P.M., HAUL 2 LOADS FRESH WTR., 3 LOADS SALT & BRINE.
- 02/16/98 DEPTH 1,420' FISHING JUNK, 3½ HRS. NIPPLE-UP - ½ HR. TEST 8-5/8" CSG. & B.O.P. WITH 1,200 P.S.I. - OK- 3 HRS. T.I.H. WITH BIT #2 7-7/8" WALKER-MCDONALD 53 CHF- 6-3/4 HRS. DRLG. CMT. & JUNK 728' TO 945' - 3½ HRS. T.O.H. - 3½ HRS. T.I.H. WITH MAGNET - ½ HR. CIRC. - 2½ HRS. P.O.H. - 3/4 HR. LAY DOWN MAGNET.

- 02/17/98** DRILLED TO 1,551' WITH TOOTH BIT, SALT & ANHY., T.O.H. FOR BIT #2, MUD: 9.9#/GAL. - VIS. 29 SECS. - PH 10, PROG. 131; 2 HRS. T.I.H. - 5 HRS. DRLG. CMT. & JUNK - ½ HR. CIRC. - 1-¾ HRS. T.O.H. - 3 HRS. RIG & RN. MAGNET ON WIRELINE - 1 HR. T.I.H. WITH TOOTH BIT - 5-¾ HRS. DRLG. CMT., JUNK, & FLOAT SHOE - 4 HRS. DRLG. FORMATION - 1 HR. T.O.H.
- 02/18/98** DRLG. 2,231' SALT & ANHY. (42'/HR.), MUD: 10#/GAL.- VIS. 29 SECS. - PH 10, PROG. 811', 2¼° @ 1,908' - 1° @ 2,123', BIT #2 MADE 811' IN 19¼ HRS., P.P. 900 P.S.I. - RPM 60 - BIT WT. 5-35,000#; 1 HR. S.R. - ¾ HR. DEV. - 3 HRS. TFB #2 - 19¼ HRS. DRLG., HAUL 1 LOAD BRINE WTR. - 1 LOAD FRESH WTR., MIX: 4 SXS. PAPER - 4 SXS. CAUSTIC.
- 02/19/98** DRLG. 2808' ANHY. & SAND (21'/HR.), MUD: 10#/GAL., VIS. 29, PH 10, PROG. 577', DEV. 1½° @ 2338', 1½° @ 2597', BIT #2 MADE 1388' IN 41-¾ HRS., P.P. 900 P.S.I., RPM 60, BIT WT. 35,000#; 22½ HRS. DRLG., ¼ HR. S.R., 1¼ HRS. DEV.; MIX 10 SXS. CAUSTIC, 7 SXS. PAPER.
- 02/20/98** DRLG. 3294' DOLO. (20'/HR.), MUD: 10.1#/GAL., VIS. 29 SECS., PH 9, PROG. 486', DEV. 1-¾° @ 3071'; BIT #2 MADE 1874' IN 64-¾ HRS., P.P. 900 P.S.I., 60 RPM, BIT WT. 35,000#; 23 HRS. DRLG., ¼ HR. S.R., ¼ HR. REPAIR, ½ HR. DEV.; MIX 7 SXS. CAUSTIC, 4 SXS. PAPER.
- 02/21/98** DRLG. 3,714 DOLO. (18'/HR.), MUD: 10#/GAL. - VIS. 34 SECS., PH 10 - W.L. 18 CC'S., PROG. 420', 1¼° AT 3,544', BIT #2 MADE 2,294' IN 88-¾ HRS., P.P. 900 P.S.I. - RPM 60 - BIT WT. 35,000#; 23 HRS. DRLG., ½ HR. DEV. - ½ HR. SPLIT FLOW LINE TO WORK PITS; MIX 5 SXS. PAPER - 6 SXS. CAUSTIC - 16 SXS. STARCH.
- 02/22/98** DRLG. 3,969' DOLO. T.F. BIT #3, MUD: 10#/GAL., - VIS. 29 SECS. - PH 10, PROG. 255', BIT #2 MADE 2,549' IN 104 HRS., P.P. 900 PSI. - RPM 60 - 35,000# BIT WT.; 15-¾ HRS. DRLG. - ¼ HR. S.R. - 1 HR. CIRC. - 5 HRS. T.O.H. - 3 HRS. T.I.H. WITH BIT #3; HAUL 1 LOAD BRINE & 1 FRESH WATER, MIX: 3 SXS. PAPER - 2 SXS. CAUSTIC, RETURN THRU RESERVE PIT.
- 02/23/98** DRLG. 4,490' DOLO. (20'/HR.), MUD: 10#/GAL. - VIS. 30 SECS. - PH 10, PROG. 521', 1½° AT 4,017', BIT #3 7-7/8" VAREL 627-C - MADE 521' IN 19¼ HRS., P.P. 900 PSI. - RPM 60 - BIT WT. 40,000#; 2 HRS. T.I.H. - ½ HR. S.R. - ¾ HR. DEV. - 1½ HRS. R.R. - 19¼ HRS. DRLG.; MIX: 4 SXS. PAPER, 2 SXS. CAUSTIC.

- 02/24/98** DRLG. 4,873' DOLO. (17'/HR.), MUD: 10.1#/GAL. - VIS. 29 SECS. - PH. 10, PROG. 383', 2° DEV. @ 4,490' - 2° @ 4,748', BIT #3 MADE 904' IN 41½ HRS., P.P. 900 P.S.I. - 65 RPM - 40,000# BIT WT.; 22 HRS. DRLG. - 1 HR. DEV. - 1 HR. R.R., HAUL 3 LOADS BRINE WTR. - MIX: 7 SXS. CAUSTIC - 7 SXS. PAPER.
- 02/25/98** DRLG. 5334' DOLO. (25'/HR.), MUD: 10#/GAL., VIS. 29 SECS., PH 10, PROG. 461', 2° @ 4921', BIT #3 MADE 1465' IN 64½ HRS.; P.P. 900 P.S.I., RPM 65, BIT WT. 40,000#; 22½ HRS. DRLG., ½ HR. DEV., 1 HR. R.R.; HAULED 3 LOADS BRINE WTR., 1 LOAD FRESH WTR., MIXED: 4 SXS. CAUSTIC, 7 SXS. PAPER.
- 02/26/98** DRLG. 5696' DOLO. (15'/HR.), MUD: 10.1#/GAL., VIS. 29 SECS., PH. 9.5, PROG. 356', DEV. 3° @ 5394'; BIT #3 MADE 1721' IN 86½ HRS., P.P. 900 P.S.I., RPM 70, BIT WT. 20,000#; 22 HRS. DRLG., 1½ HRS. DEV., ¾ HR. R.R., HAULED 8 LOADS BRINE WTR., MIXED: 9 SXS. PAPER, 5 SXS. CAUSTIC, SEEPAGE - NO-COMPLETE LOSS OF CIRC.
- 02/27/98** DRLG. 6,020' DOLO. (14'/HR.) MUD: 10#/GAL. - VIS. 29 SECS. - PH 10, PROG. 330', DEV. 2½° AT 5996', BIT #3 MADE 2,051' IN 109-¾ HRS., P.P. 900 P.S.I. - RPM 60 - BIT WT. 40,000#; 23½ HRS. DRLG. - ½ HR. DEV., HAUL 5 LOADS BRINE WTR. - MIX: 5 SXS. CAUSTIC - 6 SXS. PAPER, SEEPAGE SLOWER.
- 02/28/98** DRLG. 6,377' DOLO. (15'/HR.), MUD: 10.1#/GAL. - VIS. 29 SECS. - PH 10, PROG. 357', DEV. 2° @ 6,164', BIT #3 MADE 2,401' IN 132½ HRS., P.P. 900 P.S.I. - RPM 60 - BIT WT. 40,000#; 22-¾ HRS. DRLG. - 1 HR. DEV. - ¼ HR. S.R., HAUL 6 LOADS BRINE WTR.; MIX 4 SXS. CAUSTIC - 6 SXS. PAPER.
- 03/01/98** DEPTH 6,489' DOLO. T.F. BIT #4, MUD: 10#/GAL., VIS. 29 SECS. - PH. 9, PROG. 112', DEV. 2° @ 6,489', BIT #3 MADE 2,920' IN 139½ HRS., BIT #4 7-7/8" VAREL 627-C, P.P. 900 P.S.I. - RPM 60 - BIT WT. 40,000#, 7 HRS. DRLG. - ¼ HR. S.R. - ½ HR. DEV. 2½ HRS. R.R. - 13-¾ HRS. TRIP; HAUL 7 LOADS BRINE WTR., MIX: 3 SXS. PAPER - 4 SXS. CAUSTIC.

- 03/02/98** DRLG. 6,835' DOLO. (25'/HR.), MUD: WT. 10#/GAL. - VIS. 29 SECS. - PH 10, PROG. 346', BIT #4 MADE 346' IN 21-3/4 HRS., P.P. 900 P.S.I. - RPM 60 - BIT WT. 40,000#; 21-3/4 HRS. DRLG. - 1 1/2 HRS. T.I.H. - 1/2 HR. S.R. - 1/4 HR. R.R. - HAUL 6 LOADS BRINE WTR., MIX: 8 SXS. PAPER - 8 SXS. CAUSTIC.
- 03/03/98** DRLG. 7,073' DOLO. (11'/HR.), MUD: 10#/GAL. - VIS. 29 SECS. PH 9, PROG. 238', 1-3/4" AT 6,987', BIT #4 MADE 584' IN 38-3/4 HRS., P.P. 900 P.S.I. - RPM 60 - BIT WT. 40,000#; 18-3/4 HRS. DRLG. - 4 1/2 HRS. R.R. - 3/4 HR. DEV. - 1/4 HR. S.R.; HAUL 4 LOADS BRINE WTR., MIX: 4 SXS. PAPER - 2 SXS. CAUSTIC.
- 03/04/98** T.D. 7,200' DOLO., PREP. P.O.H. FOR 5 1/2" CSG., MUD: 10.1#/GAL. - VIS. 29 SECS. - PH 10, PROG. 127', BIT #4 MADE 711' IN 52-3/4 HRS., P.P. 900 P.S.I. - RPM 60 - BIT WT. 40,000#; 14 HRS. DRLG. - 1/4 HR. S.R. - 3 HRS. CIRC. & DEV. - 6-3/4 HRS. WORKING STUCK D.P. & CONDITION MUD, MIX: 7 SXS. PAPER, 5 SXS. CAUSTIC, 5# POLY-PLUS, 100 BBLs. FRESH WATER, 60 BBLs. LS. CRUDE (UNSTUCK AT 6:30 AM).
- 03/05/98** T. D. 7200' (DRLG.), DOLO., RUNNING 5 1/2" PROD. CASING, DEV. SURVEY 2" AT 7200'; 3 1/4 HRS. WORKING STUCK D.P., 8 HRS. T.O.H., 7 1/2 HRS. R.R., 2 1/2 HRS. WITHOUT CASING CREW, 5 1/2 HRS. RUNNING 5 1/2" CASING.
- 03/06/98** T. D. 7,200' (DRL.) W.O.C. & MOVING RIG, 8 HRS. RNG. CSG. - 2 HRS. RIG DOW/SCH. & CMTG. - 3 HRS. NIPPLE DOWN - SET SLIPS - CUT OFF - JET PITS & RELEASE RIG AT 7:00 P.M. 3/5/98.
CSG. DATA: 183 JTS. 5 1/2" USED, TSTED. CSG. FROM DOUBLE "R" PIPE CO., 15.5-17#/FT., TOTAL 7,270.4' SET AT 7,200' (P.B. FLOAT $\pm$ 7,154')
CEMENTING DATA: DOW/SCH. CEMENTED WITH 800 SXS. CLASS "C" LEAD CMT., 16% GEL, 3% SALT, .3% D-79, .3% D-65, .25% PPS D-29; TAIL IN WITH 400 SXS. CLASS "C" CMT. WITH .2% D-65, .5% D-112, 3% Kcl., 2% D-46; CIRC. TO SURFACE 78 SXS., P.D. 4:00 P.M. 3/5/98, (2 JTS. 5 1/2" CSG. & CUT OFF 17#/FT. LEFT ON LOCATION). COMPLETION NEXT WEEK.

FINAL DRILLING REPORT

ME-TEX OIL & GAS, INC.
DAILY OPERATING ACTIVITY
J. COOPER #2

COMPLETION REPORT

- 03/10/98 LOCATION PREPARED, ANCHORS SET, INSTALL TBG. HEAD, MOVE IN & RIG SCHLUMBER. WITH A-FRAME; RAN COMPENSATED GAMMA RAY-NEUTRON LOG, PBTD (SCH.) 7,135'; SHUT DOWN FOR THE NIGHT AT 5:00 PM, WILL EVALUATE LOG & RIG W.S.U. FOR COMPLETION.
- 03/11/98 M.I. & RIG JOE'S W.S.U., INSTALL B.O.P., REC'D. & RACK 231 JTS. 2-3/8" TBG., USED & TESTED FROM DOUBLE "R" PIPE, TOTAL 7,126'; R.I.H. WITH 4-3/4" BIT & TAG P.B.T.D. AT 7,140', SHUT DOWN FOR THE NIGHT AT 5:00 P.M., CONT. COMPLETION.
- 03/12/98 RIG DOW./SCH., DISPL. 5½" CSG. WITH 160 BBLs. 2% KCL WTR., PULL 2-3/8" TBG. TO 6,650' & SPOT 2 BBLs. 15% HCL ACID FROM 6,650' TO 6,566', RIG DOWN D/S & P.O.H.; RIG SCH. CASED HOLE, R.I.H. WITH 4" HEGS GUN-HYPER JET II ; 2 JSPF - 180° PHASE & PERFORATE UPPER DRINKARD AS FOLLOWS: 6591'-93'-95'-6601'-09'-11'-16'-19'-22'-25'-35'-38'-41'-44' & 47' (29 HOLES), RIG DOWN SCH., R.I.H. WITH 5½" ARROW-SET 5½" PKR. ON 2-3/8" TBG., S.D.F.N. AT 4:00 PM, PREP. ACIDIZE PERFS.
- 03/13/98 S.I.T.P. - 0 P.S.I., SET PKR. AT 6,499', RIG DOW/SCH. - C.P.- 800 P.S.I., FORM. ALREADY BROKEN, PUMPED 12 BBLs. AT 1½ B/M RATE - T.P. 3,300 TO 4,400 P.S.I., I.S.I.P. - 2900 P.S.I.; SWBED. WELL DOWN - 7 S.R.'S WITH SHOW OIL & GAS; ACIDIZED UPPER DK. PERFS. WITH 4,000 GALS. - 15% NE-FE HCL. ACID WITH BALL SEALERS, AVG. RATE 3.5 B/M - T.P. 2,800 P.S.I.; BALL ACTION & BALL OUT WITH MAX. PSR. 4,600 P.S.I., I.S.I.P. - 1,700 P.S.I. - VAC. 8 MINS., LOAD 150 BBLs.; RIG & SWB. TOTAL 91 BBLs. FLUID (30% OIL CUT) IN 5 HRS., EST. 18 BBLs. OIL & 73 BBLs. LOAD & ACID WTR., F.L. 1800' F.S., 19 S.R.'S, COMM. FLWG. LAST ½ HR., WITH GOOD GAS; S.I. & S.D.F.N. AT 6:30 P.M., PREP. REACIDIZE PERFS. WITH GELLED- RETARDED ACID.

- 03/14/98** S.I.T.P. - 600#/13 HRS., FLWD. WITH 1 SWB. RUN, 34 BBLs. FLWD. IN 2½ HRS., EST. 24 BBLs. OIL AND 10 BBLs. LOAD WTR., FLWG. ON 2" OPEN CHOKE, F.T.P. - 50#; RIG DOW./SCH. & RE-ACIDIZED UPPER DK. PERFS. WITH 10,000 GALS. GELLED 7 RETARDED ACID, AVG. RATE 15.8 B/M - T.P. 6,450#, I.S.I.P. 3,130#-2,014#-1,380# & 15 MIN.-1040#, S.I. FOR STABILIZATION 2 HRS., S.I.T.P. - VAC., TOTAL LOAD 445 BBLs.; COMM. SWBG. REC'D. EST. 145 BBLs. FL.-EST. 58 BBLs. OIL & 87 BBLs. WTR. IN 5 HRS., 2 SR'S., F.L. 800' F.S. WITH GOOD GAS, LAST HR. REC'D. EST. 30 BBLs. FL. -EST. 50% OIL CUT WITH GOOD GAS; S.I. & S.D.F.N. @ 6:00 P.M., PREP. CONT. CLEAN UP & TESTING, EST. 358 BBLs. LOAD WTR. REMAINING.
- 03/15/98** S.I.T.P. - 500 P.S.I., BLED WELL DOWN & COMM. FLWG., FLWD. & SWBED. TOTAL 178 BBLs. FLUID IN 10½ HRS., EST. 137 BBLs. OIL AND 41 BBLs. LOAD WTR., FLWG. ON OPEN 2", 7 S.R.'S, F.L. 800' - 1200' F.S.; EST. 315 BBLs. LOAD REMAINING, COMM. FLOW TO WARREN SALES LINE, A HOLE IN SEPARATOR DETECTED, S.I. & S.D.F.N. AT 5:00 P.M., PREP REPAIR & CON'T. CLEAN-UP MONDAY.
- 03/17/98** S.I.T.P. - 750 P.S.I. IN 38 HRS., OPEN WELL & BLED DOWN, FLWD. TOTAL 90 BBLs. OIL WITH TR./WTR. IN 7 HRS., 14/64" CHOKE, F.T.P. - 350 P.S.I., GAS VOL. 230 MCFGPD, GAS TO WARREN SALES LINE & OIL TO 500 BBL. FRAC. TANK; COMPLETED TIE-IN OF 2-7/8" FLOW LINE TO BTRY. FOR FLUID; FOUND OBSTRUCTION IN LINE, RETURNED FLUID TO FRAC TANK WITH GAS TO SALES, PREP. CLEAR FLOW LINE & PUT WELL TO PRODUCTION.
- 03/18/98** FLWD. 155 BBLs. OIL IN 14 HRS., 14/64" CHOKE, F.T.P. - 400 P.S.I., GAS VOL. 265 MCFGPD; RIG DOWN & RELEASED W.S.U.; CLEARED FLOW LINE, BALANCED SEPARATORS & PUT TO PRODUCTION.
- 03/19/98** I.P.F. - FLOWED 150 BBLs. OIL, 255 MCFGPD, 14/64" CHOKE, F.T.P. - 400 P.S.I. (GAS METERED AT WELL, FLUIDS TO #1 BTRY.)

FINAL COMPLETION REPORT