

Me-Tex Oil & Gas, Inc.
Daily Operation Activity
STATE "A" #1 WELL

Location: 800' FNL & 990' FEL
Section 3, T20S-R-37E
Lea County, New Mexico

Elevation: K.B.-3581'

Drilling Report

- 5/6/97 Staked Location; Met with J. West Engr., Walton Constr., Capstar Drlg. Co. & Mike Pierce, advised land-surface owner, Trent Stradley (S&W Cattle Co.) Of operations.
- 5/16/97 Walton Constr. Commenced building location; Mark V. met Mirage Energy Gas Representative, Jerry Guy, RE: objections to well location.
- 5/22/97 Capstar Drlg. Co. Rig #9 spud 4:00pm 5/21/97; Drlg. 810' RB & SD (60'/hr) mud:8.6#1 gal-vis. 28secs.-ph10, Prog-810',3/4deg. Dev.@436', Bit#1 12 1/4" Varel ETD 417- 810' in 13 3/4 hrs., pump PSR. 800psi- 75RPM-40,000 #BIT Wt. ; 8' M.I. & R.U.P.- 2' W.O. WTR.- 13 3/4' Drlg.- 1/4' DEV. ; Haul 7 loads fresh WTR., 8 5/8" csg. On location from U.P. & S.
- 5/23/97 Depth 1,382' Anhy., W.O.C. 8-5/8" surface csg. mud: 9.3#/gal.-vis. 29 secs.-ph10, prog.-572', 3/4° Dev. @ 1,382', Bit #1 1,382' / 28½ hrs., p.p. 700 psi- 75 RPM - 45,000# WT. on bit; 14½ hrs drlg. - 2 hr. TOH - 3/4 hr. Dev. - 2 hr. circ - 4½ hr. rng. 8-5/8" csg. - ½ hr. cmtg.; haul 7 loads fresh wtr. - 4 salt brine.
8-5/8" Surface Csg: 37 jts. 24#/ft., J-55, new from U.P.&S., total 1564' set at 1,374'.
Cement: Dowell, 560 sxs. Class "C". 6% gel.-2% CaCl₂, ¼ #/sx Cello-Flake + 200 sxs. "C" cmt. w/2% CaCl₂, Plug down 7:15 am 5/23/97, Circ. to surface 90 sxs.
- 5/24/97 Drlg. 1,410'Anhy., (36'/Hr.), Mud:9# 1gal.-vis. 28 secs.- ph 9.5, prog. 28', Bit#2, 7 7/8" Walker-McDonald 53 CHE- made 28' in 1 Hr., p.p. 900 p.s.i.- 65 rpm 30,000# Bit Wt.; Drlg. 1'- T.H.I.- 4'- tstg B.O.P. & 8-5/8 csg. 1,200p.s.i. - OK- Rig Repair 3'- Cemtg. 1-1/4'-W.O.C. 4-1/4'- nipple up 7-1/2'- Drlg. Cmt.& plug 2-1/2; haul 2 loads brine, 3 loads fresh wtr.



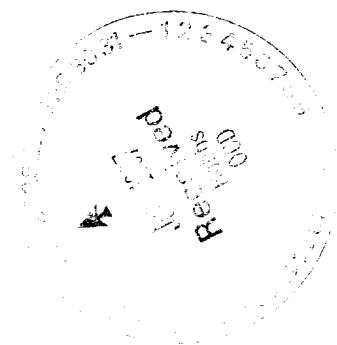
- 5/25/97 Drlg. 2,467' Salt & Anhy. (45'/Hr.), mud: 10# 1 gal.-vis. 29 secs.-ph10, Prog.-1,057', 3/4° @ 1,844'- 1° @ 2,375', Bit#2 made 1,085'/24', p.p. 1,000p.s.i. -55 r.p.m.- 30,000# Bit Wt.; 23 Hrs. Drlg.-1' Dev. surveys: mix 15 sxs. Caustic-5 sxs. lime, haul 9 loads brine wtr.
- 5/26/97 Drlg. 3,067' Anhy.-Lime-Sd. (25'/'), mud; 9.8# 1gal.- vis. 29 secs.-ph10, Prog. 600', 1 1/4° @ 2,844', Bit#2 made 1,684'/46 1/2' p.p. 1,000#-60 r.p.m.- 40,000# Bit Wt.; 22-3/4' Drlg- 1/2' Dev-3/4' repair, mix 3 sxs. Caustic.
- 5/27/97 Drlg. 3,604' Anhy & Dolo. (14'/'), mud: 10# 1gal-vis. 29 secs.-ph10, Prog. 537', 3/4° Dev. @ 3,311, Bit#2 made 2,222'/ 70 1/4', p.p. 1,000# r.p.m. 60- 40,000# Bit Wt.; 23 3/4 Drlg.-1/4' Dev. ; mix 3 sxs. Caustic.
- 5/28/97 Depth 3,824' Dolo., Trip for Bit #3, Prog. 226', Bit #2 made 2,442'/85 1/4', Bit #3, 7 7/8' Varel ETD 627-C; 115' ORLG.- 8' Trip for Bit -1 1/2' Rig Repair, Mix 2 sxs. Caustic (4 Jts. 24#/Hr. Csg. Left on location ± 160').
- 5/29/97 Drlg. 4,242' Dolo. (32'/Hr.) , Mud 10# (9-v29secs.-ph 9.5) Prog. 418', 1 1/4° @ 3,812', Bit #3 made 418'/ 21 1/4', p.p. 1,000#- 60R.P.M.- 40,000# Bit Wt.; 2 1/4' Drlg.- 1 1/2' Trip- 3/4' Dev.- 1/2' wash to B. T. M.; Mix 6 sxs. Paper- 4 sxs. Caustic, haul 5 loads Brine- 1 load fresh wtr.
- 5/30/97 Drlg. 4,700' Dolo. (18'/Hr.), Mud: 10# /gal. - vis 29 secs.- ph 10 Prog. 458' 2° Dev. @ 4,344', Bit #3 made 876'/44 1/2', p.p.-1,000# psi- 60 rpm- 40,000# Wt. On Bit; 23 1/4' Drlg.- 3/4' Dev. ; Mix 15 sxs. Paper, 7 sxs. Caustic, haul 9 loads of Brine.
- 5/31/97 Drlg.-5,192' Dolo. (25'/Hr.), Mud: 10#/gal.-Vis. 28 secs.- ph10, Prog. 492', 1 3/4° @ 4,846', Bit #3 made 1,368'/67 1/4', 1,000#pp- 60rpm- 40,000# Bit Wt.; 22 3/4' Drlg.- 1 1/4' Dev., Mix: 24 sxs. paper- 5 sxs. caustic.
- 6/1/97 Drlg. 5,710' Dolo. (14'/Hr.), Mud: 10#/gal.- Vis. 29 secs.- ph10, Prog. 518' 1° @ 5,345, Bit #3 made 1,886'/90 1/2', 1,000# pp- 60rpm- 40,000# Bit Wt.; 23 1/4' Drlg.- 3/4' Dev., Mix 22 sxs. paper- 6 sxs. caustic, haul 7 loads brine and 2 fresh wtr.
- 6/2/97 Drlg. 6,055' Dolo. (14"/Hr.), Mud: 10#/gal.- Vis. 29 secs.- ph10, Prog.. 345', 1 3/4° @ 5,809', Bit #3- 2,236'/113 1/2', 1,000# pp- 60rpm- 40,000# Bit Wt.; 23' Drlg.- 1' Dev., Mix: 24 sxs. paper- 13 sxs. caustic, haul 8 loads of brine.
- 6/3/97 Depth 6,301' Dolo. Trip for Bit #4, Prog. 246', 2° @ 6,301', Bit #3 made 2,482'/127 3/4' Bit #4 -7 7/8' Varel 627-C, 1,100# pp, 60rpm- 40,000# Bit Wt.; 14 1/4' Drlg.- 9 3/4' Trip, Mix: 13 sxs. paper, 6 sxs. caustic, haul 8 loads brine wtr.

- 6/4/97 Drlg. 6,550' Dolo. (13'/Hr.) Mud: 10#/gal.- Vis. 29 secs.- 10ph, Prog.-249' 1 1/2" @ 6,427', Bit #4 made 249'/19', p.p. 1,000psi- 60rpm 40,000# Bit Wt.; 19' Drlg.- 3 1/2' T.F.B. #4- 1' Dev.- 1/2' repair; Mix 18 sxs. paper, 8 sxs. caustic, haul 3 loads fresh wtr & 6 loads brine wtr.
- 6/5/97 Drlg. 6,938' Dolo. (10'/Hr.) Mud: 10#/gal.- vis. 29 secs.- W.L. 12 c.c.'s- ph10, Prog. 388' Bit #4 made 637'/42', 1,000# pp, 60rpm- 40,000#: 23 Drlg.- 1' Dev. Mix: 27sxs. Starch, 9 sxs. caustic, 25 sxs. paper.
- 6/6/97 Drlg. 7,142' Dolo. (7,150' projected T.D.) Mud: 10#/gal.- vis. 29 secs.- W.L. 12 c.c.'s- ph9, Prog. 204', 1 1/2" @ 6,863' Bit #4 made 841'/64' - 1,000# pp, 60rpm- 40,000# Bit Wt. ; Drlg. 24', Mix: 31 sxs. starch- 10 gals. X-cide- 22 sxs. Paper-4 sxs. caustic, Prep to log & run csg.
- 6/7/97 T.D. 7,150' Dolo. Rng. 5 1/2' production csg., mud: 10#/gal.-vis. 29 secs.- W.L. 7 c.c.'s- ph9, Prog. 8,- 3/4" @ 7,150', Bit #4 made 849'/65', 1,000# pp, 60rpm- 40,000# Bit Wt.; 1' Drlg.- 3'Circ.-7 3/4' T.F. logs- 4 1/4 Rig sch. & logn.- 4'. Receive, Rack & Strap 5 1/2' csg. From Double "R" Pipe- 4' running csg.; Log Top Tubbs SD. 6,343' (-2762')- Drinkard 6,541' (-2,964).
- 6/8/97 T.D. 7,146 (SCH)- 7,152" Drlg., Moving Rotary, 2' Rng. 5 1/2' csg.- 3/4' Circ.- 2 1/4' W.O. Wtr.- 3' Cmtg.- 4'Nipple Down, set slips & cut off csg. ; Rig Released 6:00pm 6/7/97, Advised Trent Stradley (surface user) and he said no livestock in pasture till November.
Casing Data: Ran 193 Jts. 17 & 15.5#/Ft., used J-55- Elec. Inspected & Tested. 5 1/2' csg. From Double "R" Pipe, set at 7,152' (4 Jts. Left on loc.-1 damage- 4 Jts. 8 5/8' 24#/Ft.).
Cmtg. Data: Dowell Cemented w/ 980 sxs. Class "C" cmt., 16% Gel- 3% D-79-3%D-65- -25pps D- 29%, Tail-in w/400 sxs. Class "C" cmt., with .2% D-65-.5% D-112- 3% Kcl.- 2% D-46, Plug Down 1:30pm 6/7/97, Circ. To surface 89 sxs.

FINAL DRILLING REPORT, will commence Tubbs completion 6/11/97.

- 6/11/97 Location Prepared, Anchors set, M.I. & Rig Dawson W.S.U. (Op. Joey Davila- #505-393-4202 O.D. 03166), Nipple well-head & install B.O.P., set 2-500bbs. Tanks, Rec'd & racked 235 Jts. 2 3/8'tbg. From Double "R" Pipe (15 Jts. 460.33' from St."H" #1, 220 Jts.-7,045.36' Double "R"), Total 7,505.69'; pick up 4 3/4' Bit & R.I.H. on 2 3/8'tbg., tag P.B.T.D. @ 7,106', S.D.F.N. @ 5:00p.m., prep. Initiate Tubbs Completion.

- 6/12/97 Rig Dowell & test 5 1/2' csg.to 500psi/30 mins.-OK, Displ.csg. W/160bbls. 2% KCL wtr., pull 2 3/8'tbg. To 6,536' & spot 200 gals. 15% NE-FE HCL anti-sludge acid across perf. Interval 6,536-6,336'; Rig down Dowell. POH w/2 3/8' tbg.; Rig SCH. cased hole equip., run PDC log from log PBTD 7,101' to 5,100' RIH w/4' hegs & hyper jet 2 guns & perforate Tubbs w/2 JSPF, 180° phase the following intervals: 6,345'-51'-50'-61'-66'-70'-75'-80'-86'-91'-93'-95'-99'-6,401'-10'-12'-20'-28'-46'-49'-57'-61'-63'-67'-74'-81'-89'-91'-96'-6501'-03'-05'-09'-14'-17'-20'-29' & 34' (76 holes), Rig down SCH.; RIH w/ 5 1/2' Full-Bore tension PKR. on 2 3/8' tbg. To 5,930' SDFN @ 5:30pm, prop stimulate perfs.
- 6/13/97 S.I.T.P.- 240psi- C.P.-109psi, bled well, RIH & set PKR at 6,228', Nipple Well-head, psred. Csg. 500psi, (14 bbls. To load tubing) pumped 5 bbls., formation already broken, EST. Rate 2.8 b/m @ 3,220psi Injection pressure, I.S.I.P- 2,400psi., vacuum 1 1/2 mins.; Rig swab-6 swab runs- F.L. 1,500' to 4,700' F.S., Rec'd EST. 24 bbls. Load with show fair gas on 2nd S.R.; Rig Dowell, Acidized Tubbs Perfs. with 4,500 gals. 15% NE-FE HCL- Anti-Sludge Acid & Ball sealers, Avg. Rate 4 b/m- Avg. I.P.- 4,00psi, SLT ball action, I.S.I.P.- 3,000psi- 5 mins.- 2,100psi- 10 mins.. 1,420psi open well & serged balls off perfs.; Acidized perfs with 10,000 gals. Gelled retarded 15% HCL acid, Avg. rate 10 b/m- Avg. I.P. 4,500psi, ISIP-2,900psi., 5 mins.- 1,565psi, vacuum 20 mins; Rig down Dowell, Rig Swab & ran 2 S.R.'s, FL-900' FS to surface, Rec'd EST. 6 bbls. Load & well commenced following: Total load 750 bbls., left well flwg. through the nite- Gas & Load, F.T.P.- 50psi, open 2 inch, SDFN @ 9:00pm will Cont. Flwg. for clean-up to pit. (41 jts. 2 3/8' tbg. Left on location)
- 6/14/97 Flowing for clean-up & Load recovery, S.I. at 2:30pm- for bad weather & lightning, F.T.P. 50 to 60psi on open 2 inch EST. Load recovery 300bbls., EST 450 bbls. Load remaining, SDFN @ 4:00pm, will Cont. Flwg. For clean-up.
- 6/15/97 S.I.T.P.- 1,200psi in 16 1/2 hrs., bled well down & flowed well for clean-up, F.T.P.- 60- 75psi, Flowing gas with scattered heavy load mist, through open 2 inch tbg.; well showing reduced load recovery; Rig well Service Unit Down 12:00 Noon, left well flowing through the nite.
- 6/16/97 Well flwd. Thru the nite, scattered load mist, install 1" full opening adjustable choke, release W.S.U. & moved off location; Flwd. Well on open 1" choke, F.T.P.- 125psi, shut well in at 4:30pm; Prep. Erect btry. Facility & secure gas sales pipeline, will potential gas flow thru sales meter.



6/23/97 S.I.T.P.- 1,200psi Nipple up separator & Warren Gas Sales Pipeline, opened well for clean up & gas sales, Flwg. 2,470 MCFGPD, 22/64" choke, F.T.P.- 560psi.

6/24/97 Con't. Flowing for clean up, Flwg. 2,250 MCFGPD, 32/64" choke, F.T.P.- 330psi. With show Filtrate & Condensate.

Final Completion Report

6/25/97 I.P.F. 2,171 MCFGPD, 32/64" choke, F.T.P. 340psi, 1 1/2Bbls. Condensate 52° Gravity, sales to Warren Petroleum Company.