

ODESSA NATURAL CORPORATION
W S RANCH NO. 1
Section 30, T-30N, R-20E
Colfax County, New Mexico

WEEKLY DRILLING REPORT

3-10-72:

NEW LOCATION: 1275' FWL & 2446' FSL. GR 7057', KB 7070'. Est (TD 5500').

Building location. MI Loffland Bros. Co. Rig No. 12.

3-11-72 through 3-13-72:

MI rig on location.

3-14-72:

RU.

3-15-72:

Drlg mouse hole. Prep to spud.

3-16-72:

Mist drlg @ 110' w/bit #1 in ss, sh & coal. Drld rat hole and mouse hole. Spudded 17" hole @ 10:30 am 3-15-72. Drld to 68' @ 1:30 pm. Blew hole down w/air. Ran 58.67' (2 jts of 13-3/8" OD 48.00#/ft H-40 ST&C conductor pipe.). Set @ 68' KB. Cmted w/4 yds of 9 bag grout & 1 sx of CaCl₂. Job completed @ 3:15 pm. NU rotating head and laid blooey line. Started drlg cmt w/air @ 11:15 pm. Drld 10' cmt, drld 3' of formation. Started making est 5 BWPH. Mist drld to 105' @ 4:00 am. Making est 40 BWPH. Picked up two 8" OD DC and ran straight hole test @ 5:30 am. Making est 40 BWPH. Running two WEN compressors. Injection 10 BWPH w/1/2 gal of soap and 2 quarts of corrosion inhibitor. Drlg press 90#.

3-17-72:

Mist drlg @ 802' w/Bit #1 in ss & sh. Surveys: 3/4° @ 237', 3/4° @ 551'. Drld 692'/24 hrs. Added third WEN compressor @ 490' @ 8:25 pm. Adding 1-1/2 gal soap/hr w/1/2 gal corrosion inhibitor. Injecting 12-14 BWPH. Making est 25 BWPH from fm. DP 175#. Drlg @ rate of 30'/hr.

3-18-72:

WOC @ 1030'. Survey: 1/2° @ 1001'. Drld 208'/24 hrs. Mist drld to 1030' @ 2:00 pm. Started out of hole @ 2:45 pm. LD 8" OD DC & nipped down rotating head & cut off 13-3/8" OD conductor pipe 3' below ground level. Ran 1.75' Dowell guide shoe, 24 jts (1002.97') of 8-5/8" OD 24.0# K-55 ST&C csg, set @ 1020'. Tagged fill @ 1018'. Ran centralizer of first & fourth jt. Circ hole w/15 BW. Completed @ 8:00 pm. WO Dowell until 3:00 am. Bulk truck broke down @ Walsenberg, Colo. Cmted w/625 sxs reg w/3% CaCl₂ & 1/4#/sx celloflake. Job completed @ 4:35 am. Circ out approx 25 bbls cmt. Left 30' cmt in csg. Now WOC.

3-19-72:

Prep to mist drill @ 1279' w/Bit #2 in sh. Made 249'/24 hrs. Press tested csg & BOP to 1500# for 30 min - held OK. NU & WIH. Found top of cmt @ 1002'. Mist drld cmt & shoe & drld 3' of fm to 1033'. Dried up hole & started dusting @ 6:20 pm. Drld to 1056' and lost dust @ 6:40 pm after cutting a 3' coal section. Regained dust @ 6:45 pm. Drld to 1200' @ 9:45 pm. SD to test for gas/30 min. Had no show of gas. Had no dust after 30 min test. Had slight show of wtr @ end of blooey line.