

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

WEEKLY DRILLING REPORT:

3-21-72:

Trip at 4243' with bit #3 in shale and lime. Surveys: 1-3/4° at 2873', 1-3/4° at 3363', 1-3/4° @ 3865'. Made 1443' in 24 hours. Mist drilled to 4243' at 3:15 am. Blew hole for 30 min. Started out of hole at 3:45 am. Strapped out of hole and started in hole at 5:45 am. Running 3 WEN compressors plus one booster. Drlg pressure 300# with 400# maximum on connections. Injected 20 barrels of water per hour with 1-1/2 gallons of soap, 50# KCl adding 2-1/2 gallons inhibitor down every 4 hours. No drag on trip. Niobrara 4137'.

3-22-72:

Working stuck pipe at 4965' with bit #3 in sand. Surveys: 2° at 4324' and 1-1/2° @ 4800'. At 4965', blew hole for 10 min to test for gas. Shut down 30 min at 6:00 pm. No gas. Pipe stuck, dragging while attempting to circulate after test. Could not go up or down. Had 6' stretch in pipe and could not circ. Filled drill pipe with wtr. Pump pressure 1650#. Worked pipe to 11:00 pm and regained circulation. Had 20 minute gas flare after circulation was regained. Pipe came free at 11:15 pm, then pipe restuck while circ and trying to come out of hole. Worked pipe to 4:30 am with some air. Pump was put back on with no fluid to surface. Spotted 1000 gallons diesel oil on drill collars at 4:30 am. Have 10 barrels of oil in pipe. Waiting on diesel oil and working stuck pipe. Moving diesel 1/2 barrel every hour with 7' stretch.

3-23-72:

Coming out of hole with fish at 3362'. Mixed mud and worked pipe. Pumped in 325 barrels of mud at 4:30 pm with no returns. Pump pressure 1500 to 3300#. Could not move pipe. Ran free point by Dialog and found free point at 3990'. Backed off at 3984'. Pipe came free for 10'. Worked out 2 jts of DP and stuck pipe w/no movement. Worked pipe for 1-1/2 hours. Ran free point, found pipe free at 3375'. Backed off at 3362'. Pipe drug 10,000# for 2 jts. Came free. Now coming out of hole / with fish. 1st fish, 1 bit, sub, 18-6" drill collars 543', 13 jts of 4" full hole drill pipe 402'. 2nd fish - 18 jts of 4" full hole pipe 552'. Bottom of second fish is 65' from top of first fish. Total left in hole 543' - 6" drill collars. 954' - 4" full hole drill pipe.

3-24-72:

Temp abandoned. Finished laying down DP @ 7:30 am. Released rig and tearing down. Prep to move to Odessa Natural Corporation W S Ranch No. 1-X.