

15-101-21439-00-00

SIDE TWO

Operator Name National Petroleum Reserves, Inc. Lease Name Gill "B" Well # 1

Sec. 35 Twp. 16S Rge. 29W East West County Lane

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken [XX] Yes [] No
Samples Sent to Geological Survey [XX] Yes [] No
Cores Taken [] Yes [XX] No

Formation Description [XX] Log [] Sample

Lenapah (4336-44), limestone, light grey-tan; cherty, poor intercrystalline porosity; very rare 1 piece of free oil, rare brown stain.
Marmaton (4368-80), limestone, mottled tan-creme, occasionally cherty, poor intercrystalline poros. very rare free oil, no odor.
Ft. Scott (4478-98), limestone, cream-tain, occasionally cherty, rare show free oil, rare light-dark brown spotty edge stain, no odor.
DST #1 (4300-4500), Lenapah/Marmaton/Altamont/Pawnee/Ft Scott; 15-15-15-15; 1st open weak 1" blow; 2nd open very weak blow, flushed tool, 1/2" blow; recovery 30' mud w/oil spots top; IFP 130-130; FFP 141-141; ISIP 250-FSIP-196.
Cherokee (4502-34), limestone, light grey-cream; callky, poor-fair intercrystalline porosity; poor show free oil, very faint odor, rare dark brstain.
Johnson zone (4536-66), limestone, tan-cream, poor-fair intercrystalline porosity; rare free oil, poor show of free oil in cup, very faint odor, rare dark brown stain.
DST #2 (4464-4588), Ft. Scott/Cherokee/Johnson zone; 30-30-30-30; 1st open weak to 3" blow; 2nd open no blow; flushed tool, very weak blow; recovery 68' slightly oil-cut mud; 62' water-cut mud; pressures: IFP 109-130 CASING RECORD [X] New [] Used FFP 141-163; ISIP 1189; FSIP 1167.

Report all strings set-conductor, surface, intermediate, production, etc.

Table with 8 columns: Purpose of String, Size Hole Drilled, Size Casing Set (in O.D.), Weight Lbs/Ft., Setting Depth, Type of Cement, #Sacks Used, Type and Percent Additives. Row 1: Surface, 12 1/4", 8 5/8", 20#, 276', 60/40 Poz, 175, 2% Gel 3%CC.

PERFORATION RECORD table with 4 columns: Shots Per Foot, Specify Footage of Each Interval Perforated, Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used), Depth.

TUBING RECORD table with 4 columns: Size, Set At, Packer at, Liner Run. Includes checkbox for RELEASED.

Date of First Production and Producing Method table. Includes checkboxes for Flowing, Pumping, Gas Lift, Other (explain).

Estimated Production Per 24 Hours table with columns for Oil (Bbls), Gas (MCF), Water (Bbls), and CFPB.

METHOD OF COMPLETION

Production Interval

Disposition of gas: [] Vented [] Sold [] Used on Lease [] Open Hole [] Perforation [] Other (Specify) [] Dually Completed [] Commingled

FROM CONFIDENTIAL

MAR 30 1989