

W. H. ARRINGTON, JR.
PETROLEUM ENGINEER
-712 PATTERSON BUILDING
DENVER, COLORADO 80202
TELEPHONE 303- 572-7754

COMPLETION REPORT

GEN OIL CO.

EAST RINN NO. 1
SW $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 15, T-2-N, R-68-W
Weld County, Colorado

CONTRACTOR: Jim Snyder Drilling Company
Denver, Colorado

ENGINEER: W. H. Arrington, Jr.

ELEVATIONS: 4910' K.B. 4899' G.L.

CASING: 8-5/8" at 526'
~~8-1/2"~~ 8-1/2" at 8020' with 225 sacks.
4 1/2"

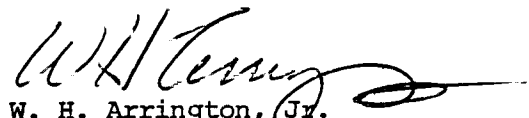
TOTAL DEPTH: 8022 Driller
8022 Logger

PERFORATIONS: 7896'-7898'
7912'-7920'
7924'-7932'
16 jet holes.

STIMULATION: Sand water frac with 44,500# sand and UCAR
prop mix.

TUBING: 1 $\frac{1}{4}$ " 2.4# WCW-55 EUE at 7942', 246 joints

Report prepared by:


W. H. Arrington, Jr.
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DAILY WELL STATUS

- 3- 5-73 Logging at 8022'
- 3- 6-73 WOC. Ran 245 jts. 8024' 4 $\frac{1}{2}$ " 11.6# LT&C casing. Set at 8020' K.B. Cemented with 225 sacks 50-50 Posmix with 10% salt and 3/4% CFR-Z. Plug down at 11:45 P.M. 3-6-73. Tested casing with 2000#, held o.k. Good returns while cementing using rotating scratchers from 7880' to 7970'.
- 3-16-73 Move in Gibson Completion Rig. Put on OCT well head, BOP's and test casing to 4800 psig, held o.k. for 15 min. Start swabbing water from casing.
- 3-17-73 Finish swabbing out water. Dump 250 gals. of 7 $\frac{1}{2}$ % HCl acid into casing. Perforate with Schlumberger Hyperjet 7896' to 7898'; 7912' to 7920', 7924' - 7932', with 16 holes. Sand water frac with 4,000# 20/40 sd. plus 39,500 10/20# sd. plus 1000# UCAR Prop. Average treating pressure 3900#; average treating rate 42 BPM; Instant SIP 1900#; 15 min SIP 1600#. Total load to recover 1360 bbls. Shut well in.
- 3-18-73 Open well to pit, flow for 2 hrs. and swab for 2 hrs. Well started flowing gas cut load water. Strong flow of gas cut water. Left well open overnight to flow to pit.
- 3-19-73 Well flowing to pit, cp-50 to 75 psig. Run 1 $\frac{1}{2}$ " 2.4# WCW-55, EUE tubing as follows:

246 jts. 1 $\frac{1}{2}$ " 2.4# WCW-55, EUE	7935.00'
Change over sub 1 $\frac{1}{2}$ " x 2-3/8" EUE	1.00'
Baker "F" Nipple	.50'
Total	7936.50'
K.B. to Ground	6.00'
K.B. depth of tubing	7942.50'
Found top of sand in 4 $\frac{1}{2}$ " casing at	7963' K.B.

Left well to flow through casing for overnight.

3-20-73 Well flowing through casing heavy mist of frac water .
Gas rate estimated flow at 1,000 MCF.

3-21-73 Gas rate - 900 MCF @ 12½# with 1½" orifice plate.
SIP; 10 min.-150#; 18 hrs.-1650 psig. Plug still in
tubing, unable to blow out plug.

3-23-73 Load tubing with water. Equalize 2000 psig pressure from
casing and blow plug out of tubing. Blow well through
tubing to pit to clean up, no measurement on gas.

FINAL REPORT