

Bruce Benson

PROSPECT Kuhler YEAR 1976
 LEASE Qualean WELL NO. 1 WELL LOCATION SW SW SW COUNTY Barton STATE KS
 SITE LEASE DESCRIPTION SW/4 Sec. 36-18-15 CODE
 OPERATOR Baren Corporation ELEVATION: GR 1943
 CONTRACTOR Company Tools DF
 GEOLOGIST KB 1948
 DEVELOPMENT WELL PROSPECT TEST WELL NOTIFY Bruce Benson - BMG. Inc.
 OWNERSHIP 1976 Program 1400 Metrobank Bldg.
475 17th St.
Denver, Colorado 80202
 IDENTIFICATION Test well - washdown PHONE: (303) 893-0883

- 11/15/76 Tubing at 1791'. Treated with 1000 gallons, 550#, 2½ bbls./min.
- 11/18/76 Casing 90#.
- 11/19/76 Casing 108#. Blow down ½ minute.
- 11/20/76 Casing 240#. 2:00 p.m. 270# casing.
- 11/22/76 Casing 245#
- 12/29/76 Fraced. Maximum pressure 1900#, minimum pressure 1250#, Average rate BPM 21.8. ISIP 500#. In 10 minutes 500#. Frac down casing w/10,000 gal 3% acid and 10,000# 20/40 sand & 16 ball sealers. Treated @ 21 BPM 1200#. When balls hit, pressure increased to 1900# and broke back to 1600#. ISIP 500#, 20 min. 250#. S.I.
- 12/30/76 Ran 2" tubing. Ran GR-CC1 and tagged bottom @ 1837' bottom perf in 1836. Gamma log indicates sand went into perfs. Ran swab 700 feet to fluid. Swabbed till 5: PM. CP 50#.
- 12/31/76 This AM had 100# CP & 40# TP.
- 1/ 3/77 420# tubing, 360# casing. Blew down. 9:30 started kicking off.
- 1/ 4/77 CP & TP both 400#. Opened up @ 9:00 AM, kicked off and flowed. 10:30 CP was 120# flowing a lot of water. 12:00 swabbing and have 300' of fluid in the hole.
- 1/ 5/77 CP & TP both 440#. Blew down in 5 min. to 60#. Light flow of gas. Then started building up some pressure.
- 1/ 6/77 Tore down and moved off.

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TOPS:

LOG TOPS

Herrington 1814 (+134)
Winfield 1864 (+ 84)

MOVING IN & RIGGING UP October 18, 1976 SPUD _____SET 8-5/8 @ 933' w/ _____

| <u>DATE</u> | <u>DEPTH</u> | <u>DST</u> |
|-------------|--------------|------------|
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| 10/20/76 | Set 4" @ 1913' | with 100 sx. |
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| 10/25/76 | Logged | |
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