

Conversion to Gas Producer

BMG DRILLING CORP., INC.
Canada Oiltos Unit #5 (B18) API #30-039-060260000
836' FNL- 1496' FEL, SEC 18-T26N-R1E
Rio Arriba County, NM

Spud: 6/21/63

6/22/63: 13-3/4" hole to 223'; 7 jts(211') 10-3/4" OD, 32.75# H-40 csg set @ 222'. Cemented w/120 sx cmt, 2% CaCl, circulated to surf. Pressured csg to 500#, no decrease/55 min.

OL = 7184', RKB = 7203'

(All depths referenced to KB unless otherwise noted)

Cum Oil: 1322 BO
Cum Gas: 962 MCFG
Cum Wtr: 0 BW

Kirtland = 1354'
Pilot Cfts = 1571'

1-1/2" dev @ 2492'

**Schlumberger openhole logs Ind-Electric (surf-4200') & Ind-Gr (4090'-6092').
**Core #1: 4000'-60.5', rec 60.5', lt grey, med gr ss, ave 10% por, 0.01 md perm & high Sw's.

Mesquite = 3580'

3" dev @ 3300'

TOC @ 3707' (Temp Log 7/18/63)

Pt Lkout = 3990'

T/4-1/2" liner = 4085'

5" dev @ 3996'

7/17/63: 8-3/4" hole to 4398'; 141 jts(4387') 7" OD, 20# J-55 csg set @ 4398'. Cemented w/200 sx cement. Temperature survey showed T/cement = 3707'. Pressured up csg to 1000#, no decrease/60 min.

TOC @ 4830' (Temp Log 8/4/63)

8/3/63: 6-1/4" hole to 6092'; ran 4-1/2" OD, 10.5# J-55 liner from 4085' to 6092'. Cemented w/175 sacks neat cement. Temperature survey showed T/cement = 4830'.

8/16/63: Perf 5843-48/4 holes, 5493'-98'/6 holes, 5463'-65'/3 holes, 5370', 5333' & 5320'; all 1SPF. Drove 7-5/8" bottom hole cementing plug, turned down to 6-1/2" OD, to T/liner w/cable tools. Sand Oil frac w/100,000#; AIR = 32 BPM, BD press = 1200#, broke to 900#, ATP = 3000#, ISIP = 600#.

8/19-9/7/63: Fished out rubber plug used in frac, circ out sand, ran Kobe pump, pumping load oil. IP = 15 BOD, 38 MCFGD

**Note 3/1/67: Letter in file to USGS reporting "rapid decline" w/10 BOD at last prod in 1965. Well was used as POW (interference testing 1965-67).

Niobrara A = 5253'
Niobrara B = 5314'

(4 holes)

Niobrara C = 5447'

(8 holes)

Sanstoe = 5638'
Cortico = 5917'

(4 holes)

5" dev @ 5901'

3/21-5/10/72: Flowed well & attempted to kill to run tbg, well averaged approx 30 BOD & 623 MCFD. Finally killed well & found obstruction @ 3988'. Fished several pieces of 4' long 2x6" timber & tree branches out.

10/19/2000: MIT; TP = 1640#, Pressured annulus to 380#, 355#/30 min - passed.

5/9/01: Bradenhead test; TP = 1340#, CP = 325#, flowed gas, down to 0# in 10 sec.

5/10/04: Bradenhead test; TP = 1230#, CP = 295#, blew down in 20 sec.

TD = 6092'

Most Recent Workover:

12/26/06-1/2/07: MOL & RU Llaves WS, TP=360#, opened tbg - flowing oil & gas, blow well down, NU BOP, unset packer, TOH w/tbg, tally out = 3927', TIH w/bailer, CO to 5992', bit plugged w/wood, TIH w/2-3/8" tbg, SN @ 5920', swab, final FL @ 4800', rec 15.6 bbl.

1/3/07: Casing press = 560#, swab, 2nd run FL = 4800', well began flowing oil & gas, TOH w/tbg, clean mud anchor, had drilling mud & pieces wood, TIH w/(1) 27' mud anchor, (1) 4' perf sub, (1) SN @ 5476', (174) jts 2-3/8" EUE, 8 md tbg, ND BOP, NU WH. (2-3/8" tbg @ +5508')