

STERLING DRILLING CO.

BOX 129

STERLING, KANSAS 67579

9 September 1969

Bob

*Monney
D & C*

Beacon Resources Corporation
512 Union Center Building
Wichita, Kansas 67202

Gentlemen:

We are enclosing a copy of the Well Completion Report on the Monney "E" #1, C NW NW, Section 6-23S-21W, Hodgeman County, Kansas.

Thank you.

Very truly yours,

STERLING DRILLING COMPANY

William Shepherd, Geologist

WS:rk
Encls.

WELL COMPLETION REPORT

MOONEY "E" #1
 C NW NW, Sec. 6-23S-21W
 Hodgeman County, Kansas

Elevation: 2307' K.B.
 Total Depth: 4572'
 Cable Tool Depth: 4572'
 Surface Casing: 8 Joints 8-5/8" OD, 322.58' cemented at 329' K. B. with 175 sacks Quikset cement.
 Long String: 11 1/4 Jts. 5 1/2" 11 1/4 J-55 8 RD casing, 4586.17', threads off, set at 4566' with 100 cubic feet salt saturated cement. Ran Baker triplex shoe and baffle, centralizer 5' above shoe and on collar of 3rd joint, basket on 2nd joint. Wrapped pipe from 1198' up to 261', basket and centralizer on joint below 1198'. K. B. is 6.50' above braden head.

8-21-68 Moved in cable tools, rigged up, swabbed hole down. Drilled rubber plug, float and cement.
 8-22-68 Drilled shoe at 2:00 P.M., bailed heavy oil cut mud; started swabbing at 4:00 P.M. to pit. In 2 hours, filled up 290', 250' heavy oil cut mud, 140' clean oil. In 30 minutes, recovered 126' clean oil (3 barrels). Layed swab line, hooked to swab.
 8-23-68 Bailed 1175' fillup in 13 hours, 10 gallons muddy water on bottom. No gas.
 8-24-68 Swabbed down to 30' off bottom. Recovered 35.07 barrels of oil, .2 of 1% mud.
 Hourly swab tests:

1st hour	3.14	5th hours	2.50
2nd hour	3.14	6th hour	2.50
3rd hour	3.14	7th hour	No test, bailed hole; recovered 15 gals. water off bottom
4th hour	2.50	8th hour	2.07
		9th hour	2.07
		10th hour	2.07

840' fillup in 13 hours, 20 gallons salty water on bottom. Swabbed well to 30' off bottom, recovered 23.38 barrels of oil.

1st hour	2.50
2nd hour	2.10, .1 of 1% mud
3rd hour	2.17
4th hour	2.17
5th hour	2.16, .1 of 1% mud

8-26-68 1765' fillup in 13 hours, 75 gallons water on bottom. Rigged up and dumped two barrels acid on bottom. Hooked up Halliburton, acidized with 500 gallons MOD-202 acid. Took 8 gallons per minute - 1500#. At end of job 28 gallons per minute at 1750'; two small breaks at 1600# at 10 gallons per minute. Went on vacuum after acidizing job. Took 1 hour and 25 minutes to complete job. Swabbed to 30' off bottom, recovered 14 1/2 barrels lead, lacked 10 barrels. 1st hour - 4.28 barrels lead; 2nd hour .71 barrels; 3rd hour - 1.41 barrels. Lacked 4 barrels of lead. Shut in at 7:00 P.M..

8-27-68 745' fillup in 12 1/2 hours, bailed 75 gallons acid water off bottom. Swabbed well down, recovered 17.73 barrels oil. 1st hour - 1.05 barrels, 5% mud; 2nd hour 1.42 barrels; 3rd hour - 2.13 barrels; 4th hour - 2.13 barrels; 5th hour - 2.13 barrels; 6th hour .71 barrels; 7th hour 1.05 barrels. Bailed hole clean

WELL COMPLETION REPORT - Cont'd - Mooney "E" #1

on bottom, rigged up Halliburton using one HT-400 blender. Loaded the hole, took break-down: 18 b.p.m. at 2250#; instant shut-in 1200#; gelled 3600 gallons lease oil, started sand and gel in at 1/2# sand per gallon, used 1500# 20-40 sand mixed with 3,000 gallons gelled oil. Used lease oil for flush. Maximum pressure 2250#; minimum 1900#; displacement pressure 2000#; I.S.I. 1450#; 5 minutes pressure down to 700#; 10 minutes down to 500#; 15 minutes - 300#; 20 minutes - 200#; 25 minutes 150#; 30 minutes 100#; 35 minutes 50#; 40 minutes on vacuum. Injection rate 17 barrels per minute; total load 335 barrels oil. Job completed at 6:30 P.M.

8-28-68 Fluid down 500' from surface at 7:30 A.M. No sand on bottom. Swabbed back 18 1/2 barrels fluid, drained off 70.8 barrels water. Lacked 151 barrels fluid, lacked 21 1/2 barrels oil. 2540' fillup in 12 1/2 hours. Swabbed oil to tank, 8 1/2 barrels oil in tank, left 55 barrels water down to 100' off bottom and starting testing. Lack 62 barrels load, lack 21 1/2 barrels oil.

8-29-68 Swabbing:

1st hour	15.51 barrels fluid	2.58 oil	3.88 bbls. oil
2nd hour	14.20	"	2.98
3rd "	14.20	"	2.98
4th "	12.78	"	2.56
5th "	12.78	"	2.68
6th "	11.36	"	2.38
7th "	11.36	"	2.38
8th "	11.36	"	2.38

Total Fluid overload 30.08, Lack 191.78 barrels oil, 15.58 barrels oil, 76.26 barrels water. Ran bailer, 225' fillup in 1.3 hours, 55 barrels total fluid, 4.26 barrels oil (7 1/2%)

9-12-68 Started pumping into test tank at 1:00 P.M.. Pumping 9 barrels per hour, 15 strokes per minute, 5 1/2" stroke.

9-13-68 Pumped 167 barrels water in 20 hours, 21.30 barrels oil

9-14-68 21.30 barrels oil, 188 barrels water

9-15-68 22.50 barrels oil, 180 barrels water.

9-16-68 22.50 barrels oil, 170 barrels water

9-17-68 27.50 barrels oil, 175 barrels water

9-18-68 22.50 barrels oil, 170 barrels water. Lack 75 barrels of oil load.

9-19-68 22.50 barrels oil, 165 barrels water

9-20-68 22.50 barrels oil, 165 barrels water

9-21-68 22.50 barrels oil, 165 barrels water. Lack 7.50 barrels of oil load.

9-22-68 21 barrels oil, 165 barrels water

9-23-68 20 barrels oil, 160 barrels water

9-24-68 20 barrels oil, 160 barrels water

9-22-68 thru 9-28-68: 93 barrels oil.