

PALOMINO PETROLEUM

304 INSURANCE BUILDING
WICHITA, KANSAS 67202

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PROGRESS REPORT

Palomino Petroleum
#3 Reed
SE NW SE Sec. 4-18-25W
Ness County, Kansas

Elevation 2367 RB

10-4-75 Moved in rotary tools and spud; set 277 ft. of used 10 3/4" surface pipe and cemented with 250 sacks (circulated).

10-5-75 Waiting on cement.

10-6-75 Top Cimarron Anhydrite 1615 (+752) to 1643.
Drilling @ 2070'.

10-7-75 Drilling @ 2670'.

10-8-75 Drilling @ 3200'.

10-9-75 Drilling @ 3750'.

10-10-75 Drilling @ 4060'. Running 7 or 8' lower than #2 and 7 or 8' higher than #1.

Top Heebner	3642	(-1275)
Lansing- K.C.	3683	(-1316)
Marmaton	4021	(-1654)
Pawnee	4118	(-1751)

10-11-75 Top Ft. Scott 4190 (-1823)
Cherokee Shale 4214 (-1847)

No Cherokee Sand present

D.S.T. #1 4172-4224 30-30-30-30 Weak blow increasing. Recovered 440' gas above 100' oil and gas cut mud (very light oil). Flow Pressures 53# to 80#. SIP 491# plus to 486# plus.

10-12-75 Top Cherty Conglomerate 4280 (-1913)
Good show free oil and good odor in Chert.
Mississippian Dolomite 4288 (-1921)
4288-4294 good show free oil and good odor, but tight.

#3 Reed

10-12-75 D.S.T. #2 4253-4294 Open 30 minutes, weak blow 17 minutes.
Recovered 10' mud. Flow Pressures 31# to 31# (actually zero).
20 minute FSIP 53#.

Rotary Total Depth 4294 (-1927)

Set used 7" O.D. casing 1' off bottom at 4293'. Cemented with 200 sacks light cement followed with 30 barrels rotary mud (to cover Cedar Hills) followed with 200 sacks cement (100 sacks light and 100 sacks 60-40 salt saturated pozmix).

E Log Tops

Cimarron Anhydrite	1617	(+750)
Heebner	3641	(-1274)
Lansing-K.C.	3684	(-1317)
Marmaton	4022	(-1655)
Pawnee	4118	(-1751)
Ft. Scott	4191	(-1824)
Cherokee Shale	4215	(-1848)
No Cherokee Sand present		
Cherty Conglomerate	4281	(-1914)
Mississippian Dolomite	4290	(-1923)
E Log Total Depth	4295	(-1928)

- 10-15-75 Temperature Survey - cement from 600' to 2250', top of bottom cement 3050' (top of pozmix 3800')
- 10-20-75 Moving in cable tools.
- 10-21-75 Swabbed hole down and drilling cement.
- 10-22-75 Deepened hole 10' in short runs from 4294-4304. Had small show of oil.
- 10-23-75 Acidized with 500 gallons 28% HCL. Swabbed down. Well showing only a very small amount of oil.
- 10-24-75 Bailer testing 10 to 15 gallons of fluid per hour with a small show of oil. Will retreat with 2500 gallons MOD 202.

#3 Reed

11-3-75 Retreated as indicated above and helped only a very little: fracked well and swab tested 4½ barrels of fluid per hour, 15% oil (will send detailed information after well is completed and we have received Mr. Schreiber's report).

Perforated Ft. Scott and set bridge plug over Mississippian and had either communication behind the pipe or the bridge plug was leaking because well made 4 barrels of fluid in one hour with plug set. Treated Fort Scott with 300 gallons acid and might or might not have helped it. Well tested 4 barrels fluid per hour, 17% oil for 5 hours. We will retreat today with 2,000 gallons which we hope to put in at a relatively high injection rate thereby hopefully getting at least some acid into the Fort Scott. Will then knock down the bridge plug and swab test the total water and oil to determine if we want to put it on the pump.

At best, the well appears to be marginal, however, with the battery and SWDW in (and the casing cemented in), it would appear at this time that we probably will want to put it on the pump.

11-5-75 After treatment and plug knocked down to bottom, swab test ~~to bottom~~ was as follows: *(Swabbed to bottom)*

1st hour	4.64	barrels	fluid,	38%	oil
2nd hour	5.22	"	"	30%	"
3rd hour	2.90	"	"	44%	"
4th hour	3.48	"	"	37%	"
5th hour	2.90	"	"	37%	"

It appears that we undoubtedly got at least some acid into the Fort Scott judging from the oil percentage.

We will drill this well 6 or 7 feet deeper in the Mississippian (plug is pretty well drilled up at this time, however, some sand is coming back from the fracture treatment). It may be that we did not get this well drilled quite as deep as we wanted to.

We will then plan to put the well on production.

#3 Reed

11-8-75 Had quite a bit of trouble getting hole to quit caving from behind the pipe---probably caused by the fracture treatment. Quite a bit of chert and shale along with fracture sand falling in. Drilled deeper from 4303 to 4311. We encountered a new soft sucrosic dolomite carrying free oil from 4309 to 4311. Drilled 2 more feet (most for rat hole) from 4311 to 4313. We will possibly want to treat this zone some day, but it came in pretty low and we do not think we should acidize at this time because of possible water.

We will clean the hole up Monday morning and tear down cable tools.