

ORIGINAL

HAR-KEN Agent OK
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RECEIVED
STATE CORPORATION COMMISSION

FEB 12 2001

CONSERVATION DIVISION

Petersilie No. 1
Har-Ken Agent OK
L. D. Drilling Co.
NW NE NW Sec 23 20S-24W
Ness County, KS

Lease No.
Elevation KB 2309' GL 2304'
API # ~~15-083-214620000~~ 15-135-24108
4,500' Mississippian

Aug 5, 2000 Move in rig up. Spud Saturday, Aug 5, 1:45 PM. Drilled to 742'. Ran 18 jts new 24# 8 5/8" to 735.15. Set up with 350 sx 60/40 poz mix, 3% Cal 2% gel. Circ plug down 9AM Sunday. Allied Cement.

Aug 6, 2000 Drilled out 7PM

Aug 7, 2000 Drilling 1520'

Aug 8, 2000 Drilling 2755'

Aug 9, 2000 Drilling 3440' @ 3511' displacing mud

Aug 10, 2000 Drilling 4115' Heebner Shale 3697 (-1388) 7' hi NE offset well
Lansing 3746 (-1437) 9' hi NE offset well

Aug 11, 2000

Ft. Scott 4268 (-1959)

DST No 1 4270-4300 in Ft. Scott, Drilling break 4' to 2 7/8", foss
lm, stn- good fluor. Some free oil. Times 30-60, 30-60 Recovery 120' gas in pipe,
25' vs1 OCM, 2% oil, good show oil in tool, SIP 575-279, FP init 7-15, 2nd 13-16,
Hydrostatic 2072-2053.

@4300 Now going in hole to drill ahead

Aug 12, 2000 Mississippian 4378 (-2069) Drilled ahead to 4395'
Circulate good show is samples, stain, tr oil, sucrosic dolomite.

DST No 2 4382-4395 in Mississippian dolomite. Time 30, 45, 50
Recovery, 188' Gas in pipe, 120' clean oil, 62' muddy oil (74% oil, 22 mud, 4 wtr)
grav 38. Hydrostatic 2205/2199. FP 52-55, 82-96, SIP 1243-1148#, 95# drop,
(consistent with other tests in area). Went in hole, drilled ahead 4', circulated hole and
came out of hole to log.

August 13, 2000 @ TD 4399 after cutting 7 7/8" hole. RU ELI Wireline. Ran Dual- Ind, Comp Neutron-Density. Logger's TD 4400'. TIH w/ DP. CTCH 1-1/4 hrs. RU Murray Csg Crews. LDDP. Ran 104 jts new Maverick J-55 5-1/2" 14# R-3 ST&C 8rd csg. Tallied 4380.27', set @ 4384'KB, 16' off bottom. Ran pkr shoe@ 4384', baffle @ 4359', turbolizers @ 4359, 4316, 4275, 4232 & 4189', port collar @ 1565; and baskets @1567 & 1186'. Set pkr shoe w/800#. CTCH 1 hr. RU Allied. Cmt w/500 gal mud flush & 125 sx ASC w/10% salt & 5#/sk gilsonite. Landed plug @ 1500# - latch down held. Plug down @ 1:45 am, 8-13-00. Plugged RH w/15 sx. Set slips & released rig @ 2:15 am, 8-13-00.

Electric Log Tops:	Anhydrite	1520 + 784
	Heebner	3696 -1387
	Lansing	3745 -1436
	Kansas City	3822 -1513
	Marmaton	4122 -1813
	Ft. Scott	4267 -1958
	Cherokee	4292 -1983
	Mississippi	4368 -2059

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August 14, 2000 Moving out rotary rig.

August 15, 2000 Waiting on Completion - Next report after completion starts.

Completion Report:

8-21-0 Move in Cheyenne Well Service tools. Ran 3 Drill Collars, 4 7/8" bit, 136 Jts. 2 7/8" tubing. Start drilling @ 11:45 AM at 2 PM had baffels and cement drilled up. Circulate 25 Min. Switch hoses to start to drill out packer shoe 2:30 PM. Drilled out at 5:30. Circulate hole 30 min. Pull tubing and lay down. SDFN.

8-22-0 Fluid down 400' from top. Probably tubing displacement. Swab to 4250' down 91.64 fluid started seeing oil. Ran swab blank to check bottom. Put cups back on and started testing. 3.48 95.12 total swab down, 30 min. test 25 gallons 61% oil. Let set 1 1/2 Hr. pulled 2.9 bbls fluid. Making approx 1 BPH fluid with no water. 1:00 PM acidize with 400 gallons 20% F. E. Acid. Pressure to 200#, increase to 500#, breaking down slowly, increase to 750#. Feeding at 700# 1/8th BPM rate, 3 1/2 bbl in at this point. Increase rate to 1/2 BPM, 1200# pressure keeps increasing to 1700#, 7 bbl. acid in at this point. Pumping 1 BPM for rest of acid. I.S.I. 1700#, dropping to 900# in 5 min.,

700# in 10 min, 600# in 15 min., 400# in 20 min., 400# in 25 min. Flowed back 1 ½ bbls and started swabbing hole down at 3:10 PM. Swab down 121.80 bbls back. Let set ½ hour, run swab 3.19 1st 30 min. 10%, 3:00 27% water 2nd 30 min., 3.00 27% wtr, 3rd 30 min., 3:00 20% water, 4th 30 min. SDFN.

8-23-0 Fluid down 3600' from top of hole. Swab 12.8 oil and 7.8 water. Took 2 ½ hr tests. 3.00 bbl 82% oil, 2.3 90% oil. Prepare to run 2 7/8" tubing. Run 15' Mud anchor, 1' seating nipple and 137 jts. 2 7/8" tubing, 3 – 6'x2 7/8", 1 – 4'x 2 7/8" tubing subs. 4' off bottom. 2"x 1 ½"x12' metal to metal pump with strainer nipple, 174 – ¾' rods, 2 – 2'x 3/4", 1 8'x ¾" rod subs, 1 1 ¼" x 16' polish rod & liner. SDFN.

8-24-0 Setting tanks, and engine for pump testing.

8-26-0 Start pumping 3:30 PM

8-27-0 67 Oil 17 wtr

8-28-0 33

8-29-0 31

8-30-0 32

8-31-0 32 Sold 1st tank to CRA

9-1-0 32

9-2-0

9-3-0

9-4-0

9-5-0 25

9-6-0 16 12 BW

9-7-0 12 “

9-8-0 14 “

9-9-0 13 “

9-10-0 13 “

9-11-0 12 “

9-12-0 12 “

9-13-0 Shut well in for treatment (re-acidize)

9-14-0 Treating well. See attached report and cement bond log .

9-15-0 Running tbg and rods back in hole.

9-16-0 Start well at 5:30 AM

9-17-0 53 Oil

9-18-0 29

9-19-0 7 Clean gun barrell, check SW disposal line.

9-20-0 22

9-21-0 3.3 Well down. Running test

9-22-0 15 36 bbl total fluid

9-23-0	15	
9-24-0	12	
9-25-0	12	Still 36 bbl total fluid
9-26-0	8	Circ chem
9-27-0	14	
9-28-0	13	
9-29-0	13	Report as of Friday September 29. 9:00 AM

ORIGINAL

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Har-Ken Oil Company
Petersilie #1
NW NE NW Sec. 23-20S-24W
Ness Co., Kansas

2304' GL
2309' KB

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Drilling report – run 5-1/2" production casing

08-12-00 Cut 4399' of 7-7/8" hole. RU ELI Wireline. Ran dual ind, comp neutron density. Logger's TD 4400'. TIH w/ DP. CTCH 1-1/4 hrs. RU Murray Csg Crews. LDDP. Ran 104 jts new Maverick J-55 5-1/2" 14# R-3 ST&C 8rd csg. Tallied 4380.27', set @ 4384' KB, 16' off bottom. Ran pkr shoe @ 4384', baffle @ 4359', turbolizers @ 4359, 4316, 4275, 4232 & 4189', port collar @ 1565' and baskets @ 1567 & 1186'. Set pkr shoe w/ 800#. CTCH 1 hr. RU Allied. Cmt w/ 500 gal mud flush & 125 sx ASC w/ 10% salt & 5#/sk gilsonite. Landed plug @ 1500# - latch down held. Plug down @ 1:45 am, 8-13-00. Plugged RH w/ 15 sx. Set slips & released rig @ 2:15 am, 8-13-00. Left 3 jts 5-1/2" csg on loc – tallied 114.96' threads off.