

RITCHIE EXPLORATION, INC.

125 N. Market - Suite 1000

Wichita, Kansas 67202-1775

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#1 Royalty

SW NW NE

Section 9-19S-28W

Lane County, Kansas

Royalty Prospect

1993 Program

API# 15-101-21,649

White & Ellis Rig #9

Field: K. Kessler

Office: R. Milford

Ref. Well: A: Slawson's #1 Royalty "A", SE NE Sec. 9-19S-28W

B: Argent's #1 Hineman, NE NW NW, Sec. 9-19S-28W

Elevation: 2758' G.L., 2763' K.B.

DRILLING REPORT

SAMPLE TOPS	Ref.		ELECTRIC LOG TOPS	Ref.	
	A	B		A	B
Anhydrite	2117' (+ 646)	+12 -1	Anhydrite	2111' (+ 652)	+18 +5
B/Anhydrite	2148' (+ 615)	+11 -4	B/Anhydrite	2142' (+ 621)	+15 +3
Heebner	3953' (-1190)	+10 -8	Heebner	3950' (-1187)	+13 -5
Lansing	3993' (-1230)	+12 -5	Lansing	3990' (-1227)	+15 -2
Stark	4275' (-1512)	+2 -12	Stark	4271' (-1508)	+6 -8
B/KC	4359' (-1596)	+5 -12	B/KC	4353' (-1590)	+11 -6
Marmaton	4380' (-1617)	+10 -10	Marmaton	4377' (-1614)	+13 -7
Pawnee	4478' (-1716)	+1 -8	Pawnee	4474' (-1711)	+5 -4
Myrick Sta	4508' (-1745)	+3 -8	Myrick Sta	4503' (-1740)	+8 -3
Fort Scott	4526' (-1763)	+3 -6	Fort Scott	4524' (-1761)	+5 -4
Cherokee	4549' (-1786)	+1 -6	Cherokee	4546' (-1783)	+4 -3
Johnson zn	4590' (-1827)	-1 -6	Johnson zn	4584' (-1821)	+5 flt
Miss	4636' (-1873)	-22 NA	Miss	4634' (-1871)	-20 NA
RTD	4654' (-1891)		LTD	4652' (-1889)	

9-21-93 Move in rotary tools. Spud at 5:00 p.m. Ran 5 joints (201') 8 5/8" surface casing set at 208' with 140 sacks 60/40 pozmix, 2% gel, 3% CC. Plug down at 9:00 p.m. Cement circulated.

9-22-93 Drilled out at 5:00 a.m. Drilling at 320'.

9-23-93 Drilling at 2280'.

9-24-93 Drilling at 3135'.

9-25-93 Drilling at 3760'.

9-26-93 DST #1 from 4200' to 4239' (L/KC "I" zone). Recovered 55' muddy water with few oil specks (20% mud, 80% water). IFP:62-62#/30"; ISIP:1070#/30"; FFP:72-72#/30"; FSIP:1050#/30".

9-27-93 DST #2 from 4237' to 4263' (L/KC "J" zone). Recovered 80' water cut mud (90% mud, 10% water), and 420' water. IFP:62-114#/30"; ISIP:809#/30";

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- 9-27-93 DST #3 from 4267' to 4292' (L/KC "K" zone). Recovered 120' gas in pipe, 10' clean gassy oil, 110' gassy oil and water cut mud (5% gas, 5% oil, 80% mud, 10% water), 60' muddy water with trace of oil (30% mud, 70% water), and 180' water. 360' total fluid.
IFP:41-83#/30"; ISIP:809#/45";
FFP:145-166#/30"; FSIP:789#/45".
- 9-28-93 Drilling at 4410'.
- 9-29-93 DST #4 from 4516' to 4605' (Fort Scott to Johnson zone). Recovered 5' oil spotted mud.
IFP:52-52#/30"; ISIP:52#/30";
FFP:52-52#/30"; FSIP:52#/30".
- Ran electric log.
- 9-30-93 DST #5 from 4309' to 4326' Straddle Test (L/KC "L" zone). Recovered 630' water.
IFP:20-135#/30"; ISIP:869#/30";
FFP:228-291#/30"; FSIP:719#/30".

Piped and abandoned