



Safari Exploration Company, Inc.

RECEIVED
MAY 13 2004
KCC WICHITA

JANUARY 13TH, 2004

TO: MR. TOM LARSON
LARSON OPERATING COMPANY
562 W. HIGHWAY 4
OLMITZ, KANSAS 67564-8561

RE: LARSON OPERATING COMPANY
#1-18 SCHROEDER TRUST
1300' FNL & 1800' FEL 18-T168 R7W
ELLSWORTH, CTY., KANSAS

GEOLOGICAL REPORT

MR. LARSON,

I HAVE PROVIDED GEOLOGICAL SUPERVISION ON THE ABOVE REFERENCED WELL. BELOW ARE THE PERTINENT GEOLOGICAL MARKERS ELOG MEASUREMENTS AND THEIR STRUCTURAL POSITIONS. A MANNED GAS DETECTOR UNIT WAS IN OPERATION FROM 400 FEET TO ROTARY TOTAL DEPTH. ADDITIONALLY, I HAVE INCLUDED THE POTENTIAL PAY ZONE SAMPLE DESCRIPTIONS, DRILL STEM TEST INFORMATION ON ANY ZONES TESTED IN THE ABOVE REFERENCED WELL WITH RECOMMENDED PERFORATIONS. 30' SAMPLES WERE CAUGHT FROM 900' TO 1400', 20' SAMPLES WERE CAUGHT FROM 1400' TO 2200', 10' SAMPLES TO RTD. ALL SAMPLES WERE MICROSCOPICALLY ANALYZED.

HERINGTON: 979' (597), DOLOMITE CREAM, TAN, GRAY, MOTTLED SUCROBIC OCCASIONALLY FOSSILIFEROUS RECRYSTALLIZED ARGILLACEOUS FAIR VISIBLE INTERXLN POROSITY NO-SHOW OR FLUORESCENCE. NO CROSSOVER EFFECT ON CNDL. PERFORATE PRIOR TO ABANDONMENT DST'S IN THE AREA HAVE PROVEN GAS RESERVES BUT BTU CONTENT CAN BE VERY LOW.

WINFIELD: 1028' (548) SUBSEA, DOLOMITE CREAM, WHITE GRAY, FNXLN SUBCHALKY POOR VISIBLE POROSITY NO-SHOW OR FLUORESCENCE. NO CROSSOVER EFFECT ON CNDL.

TOWANDA 1093' (483): DOLOMITE DARK AND BROWN SUCROBIC FOSSILIFEROUS FINE TO OCCASIONALLY MDXLN RECRYSTALLIZED ARGILLACEOUS FAIR INTERXLN, PINPOINT POROSITY OCCASIONAL DULL YELLOW FLUORESCENCE. NO CROSSOVER EFFECT ON CNDL. PERFORATE PRIOR TO ABANDONMENT DST'S IN THE AREA HAVE PROVEN GAS RESERVES BUT BTU CONTENT CAN BE VERY LOW.

FT. RILEY 1132' (444): DOLOMITE, DOLOMITIC LIMESTONE CREAM, TAN, GRAY, FINE TO MDXLN RECRYSTALLIZED FOSSILIFEROUS FRAGMENTAL RECRYSTALLIZED CALCITE CRYSTALS MINOR YELLOW FLUORESCENTS FAIR TO MOSTLY POOR VISIBLE POROSITY.

GROUBE 1309' (267): LIMESTONE CREAM, BUFF FINE TO MDXLN PROFUSELY FOSSILIFEROUS RECRYSTALLIZED FAIR INTERFOSSILIFEROUS TO INTERXLN POROSITY SCATTERED BRIGHT YELLOW FLUORESCENCE GAS CUT. PERFORATE PRIOR TO ABANDONMENT. CROSSOVER RESPONSE ON CNDL.

GRAND HAVEN BAND: 1768'-1774' (-189) 1784'-1790' (-208). SANDSTONE LIGHT GRAY, BUFF FINE-GRAINED TO VERY FINE-GRAINED QUARTZITIC SUB ANGULAR SUB ROUNDED WELL SORTED MICACEOUS BIOTITIC CHLORITIC CLUSTERED SUB FRIABLE POOR TO FAIR TO OCCASIONALLY GOOD VISIBLE INTERGRANULAR POROSITY NO-SHOW OR FLUORESCENCE. COVERED BY DST #1. (SEE BELOW) PERFORATE.

DST #1 1769' - 1796' OPEN 10"/ 90"/20"/90". STRONG BLOW BOB 20 SECONDS, GTS 2" GAGE 1005 MCFGPD/10" IFP. FFP: GAGE 1318 MCFGPD/20" AND STABILIZED. RECOVERED 5' DRILLING MUD. HP: 888/842# IFP: 139/213# FFP: 231/212# SIP: 669/664# BHT: 82 DEG.

18-16-7a

18-16-7W



Safari Exploration Company, Inc.

TARKIO SAND: 1879'-90' (-303), SANDSTONE LIGHT GRAY, VERY FINE-GRAINED SILTY MICACEOUS CLUSTERS FRIABLE VERY WELL SORTED WELL ROUNDED FAIR VISIBLE INTERGRANULAR POROSITY INTERBEDDED WITH SILTSTONES NO FLUORESCENCE NO VISIBLE CUT. COVERED BY DST #2. (SEE BELOW) PERFORATE PRIOR TO ABANDONMENT. WILL NEED FRACTURE STIMULATION TO PRODUCE IN COMMERCIAL QUANTITIES. NO CROSSOVER EFFECT ON CNDL.

DST #2 1879' - 1918' DP: 15/75/85/107 WK BLOW INCREASED TO 1 1/4 INCHES IN BUCKET. VERY WK BLOW ON SURFACE ON FFP. RECOVERED 40' MUD NO SHOW. HP: 906/874# IFP: 12/22# FFP: 23/27# SIP: 696/622# BHT: 83 DEG.

SEVERY SAND: (2134' (-558) - 2159' (-583) SANDSTONE LIGHT GRAY VERY FINE-GRAINED SUB ANGULAR SUB ROUNDED WELL SORTED CALCAREOUS GLAUCONITIC PYRITIC NO VISIBLE FLUORESCENCE WERE VISIBLE POROSITY NO VISIBLE CUT SILTSTONE'S GRAY MICACEOUS FRIABLE POOR VISIBLE POROSITY. APPEARS TO BE TIGHT ON LOG HOWEVER THIS ZONE MIGHT PRODUCE WITH FRACTURE STIMULATION. NO CROSSOVER EFFECT ON CNDL.

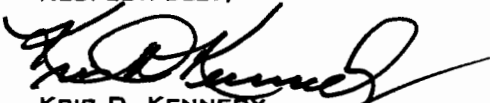
TOPEKA: 2160' (-584) THE TOPEKA LIMESTONES SHOWED SEVERAL ZONES WITH MINOR CROSSOVER AND FAVORABLE CALCULATIONS HOWEVER MOST OF THE ZONES WERE LESS THAN 3 FEET THICK AND WOULD HAVE LIMITED RESERVES.

| | |
|---------------------------------|----------------------|
| HEESNER SHALE | 2429' (-853) |
| BROWN LM | 2549' (-973) |
| LANING | 2570' (-994) |
| ROTARY TOTAL DEPTH | 2675' (-1099) |
| ELECTRIC LOG TOTAL DEPTH | 2675' (-1099) |

PRODUCTION STRING WAS SET @ 2288' WITH 225 SX OF CEMENT. RECOMMEND PERFORATING THE GRAND HAVEN SAND TO FURTHER TEST FOR COMMERCIAL QUANTITIES OF HYDROCARBONS.

SAMPLES WERE DELIVERED TO KANSAS GEOLOGICAL SURVEY SAMPLE LIBRARY.

RESPECTFULLY,



KRIS D. KENNEDY
PETROLEUM GEOLOGIST

RECEIVED
MAY 13 2004
KCC WICHITA

533 North Rutland, Wichita, KS 67206
Bus/Res: 316.686.8664 • Cell: 316.644.2939 • Fax: 316-686-8664
rockhawk@sbcglobal.net



Safari Exploration Company, Inc.

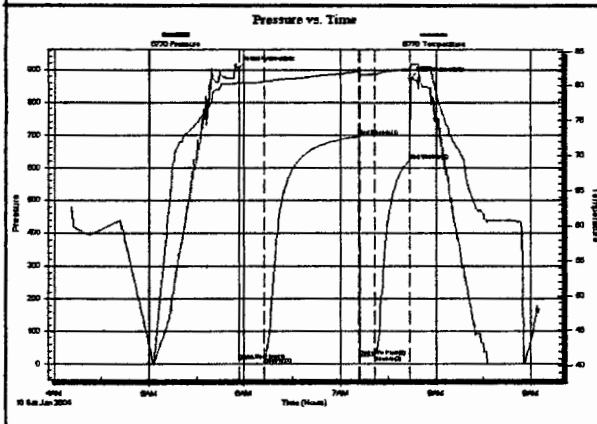
| | | |
|---------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
|  TRILOBITE TESTING, INC | DRILL STEM TEST REPORT | |
| | Larson Operating Co 562 West Highway 4 Cimtz Ks 67564 ATTN: Tom Larson | 1-18 Schroeder Trust 18-16-7-Elsworth-Ks Job Ticket: 18425 DST#: 2 Test Start: 2004.01.10 @ 04:10:18 |

GENERAL INFORMATION:

| | |
|---------------------------------------------------------------|----------------------------------------------|
| Formation: Tarkio | Test Type: Conventional Bottom Hole |
| Deviated: No Whipstock ft (KB) | Tester: Dan Bangle |
| Time Tool Opened: 05:56:48 | Unit No: 21 |
| Time Test Ended: 09:05:03 | Reference Elevations: 1576.00 ft (KB) |
| Interval: 1879.00 ft (KB) To 1918.00 ft (KB) (TVD) | 1568.00 ft (CF) |
| Total Depth: 1918.00 ft (KB) (TVD) | KB to GRVCF: 8.00 ft |
| Hole Diameter: 7.88 inches Hole Condition: Good | |

| | |
|-----------------------------------------------------------|--------------------------------------------|
| Serial #: 6770 Inside | Capacity: 7000.00 psig |
| Press@RunDepth: 27.50 psig @ 1880.00 ft (KB) | Last Callb.: 2004.01.10 |
| Start Date: 2004.01.10 End Date: 2004.01.10 | Time On Btm: 2004.01.10 @ 05:56:33 |
| Start Time: 04:10:33 End Time: 09:05:03 | Time Off Btm: 2004.01.10 @ 07:43:33 |

TEST COMMENT: F-Weak building to 1 1/4"
 FF-Weak steady surface blow



| PRESSURE SUMMARY | | | |
|------------------|-----------------|--------------|----------------------|
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
| 0 | 906.22 | 80.53 | Initial Hydro-static |
| 1 | 12.20 | 80.18 | Open To Flow (1) |
| 16 | 21.98 | 80.65 | Shut-In(1) |
| 75 | 696.03 | 81.99 | End Shut-In(1) |
| 76 | 23.45 | 81.75 | Open To Flow (2) |
| 85 | 27.50 | 81.71 | Shut-In(2) |
| 107 | 622.08 | 82.44 | End Shut-In(2) |
| 107 | 874.16 | 82.57 | Final Hydro-static |

| Recovery | | |
|-------------|-------------|--------------|
| Length (ft) | Description | Volume (bbl) |
| 40.00 | DM | 0.20 |
| | | |
| | | |
| | | |

| Gas Rates | | | |
|----------------|-----------------|-----------------|--|
| Choke (inches) | Pressure (psig) | Gas Rate (McFD) | |
| | | | |

Tribbrite Testing, Inc

Ref. No: 18425

Printed: 2004.01.11 @ 23:18:09 Page 1

**RECEIVED
MAY 13 2004
KCC WICHITA**

533 North Rutland, Wichita, KS 67206
 Bus/Res: 316.686.8664 • Cell: 316.644.2939 • Fax: 316-686-8664
rockhawk@sbcglobal.net