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ORIGINAL

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KCC WICHITA

John Roy Evans
Peterman 'A' #3
SE-SW-SW; Section 28-17s-10w
Ellsworth County, Kansas
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5 1/2" Production Casing Set

Contractor: Vonfeldt Drilling Company

Commenced: October 3, 2003

Completed: October 9, 2003

Elevation: 1803' K.B.; 1801' D.F.; 1798' G. L.

Casing Program: Surface; 8 5/8" @ 305' *er*
Production; 5 1/2" @ 3349'

Samples: Samples saved and examined 2700' to the Rotary Total Depth.

Drilling Time: One (1) foot drilling time recorded and kept 2700' to the Rotary Total Depth.

Measurements: All depths measured from the Kelly Bushing.

Formation Testing: There were two (2) Drill Stem Tests ran by Diamond Testing Co.

Electric Log: By Log Tech; Dual Induction and Dual Compensated Porosity Log.

<u>Formation</u>	<u>Log Depth</u>	<u>Sub-Sea Datum</u>
Anhydrite	540	+1263
Heebner	2833	-1030
Toronto	2851	-1048
Douglas	2862	-1059
Brown Lime	2956	-1153
Lansing	2970	-1167
Base Kansas City	3236	-1433
Conglomerate	3251	-1448
Arbuckle	3258	-1455
Rotary Total Depth	3345	-1542
Log Total Depth	3350	-1547

(All tops and zones are corrected to Electric Log measurements.)

SAMPLE ANALYSIS, SHOWS OF OIL, TESTING DATA, ETC.

TOPEKA SECTION

2732-2738' Limestone; tan and gray, finely crystalline, granular, few fossiliferous, chalky, no shows.

2768-2774' Limestone; as above.

2800-2826' Limestone; gray, granular, chalky, no shows.

TORONTO SECTION

2851-2862' Limestone; gray and cream to white, few fossiliferous, chalky, no shows.

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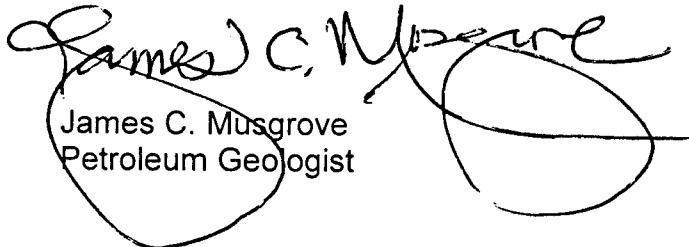
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Recommendations:

On the basis of the favorable structural position and the positive results of the Drill Stem Tests, it was recommended by all parties involved to set and cement 5 1/2" production casing at 3349' (one foot off bottom) and the following zones be tested in the Peterman #3.

1. Arbuckle 3289-3292
2. Arbuckle 3279-3282

Respectfully submitted;



James C. Musgrove
Petroleum Geologist

LANSING SECTION

2962-2966' Limestone; gray and cream to white, few fossiliferous, chalky, no shows.

2971-2978' Limestone; as above.

2998-3002' Limestone; tan and gray, sucrosic, chalky, dark brown to black stain, trace free oil and no odor in fresh samples.

3012-3016' Limestone; tan, finely crystalline, possible fracture porosity, trace stain on fractures, no free oil and no odor in fresh samples.

3034-3040' Limestone; tan and gray, oolitic, poorly developed porosity, no shows.

3048-3052' Limestone; gray to tan, oolitic/sub oocastic, scattered porosity (barren).

3061-3084' Limestone; gray, oocastic, poorly developed oocastic porosity, no shows.

3114-3118' Limestone; white to buff, sub oocastic, poorly developed porosity, no shows.

3131-3140' Limestone; white to gray, oocastic, chalky, poor visible porosity, no shows, plus white, oolitic, limestone; spotty brown stain, no show of free oil or odor in fresh samples.

3146-3164' Limestone; gray and white, oolitic, oocastic, chalky, poor visible porosity, no shows.

3185-3190' Limestone; white and gray, fossiliferous in part, slightly chalky, no show.

3200-3206' Limestone; as above, scattered porosity, no shows.

3220-3226' Limestone; white to gray, chalky, poorly developed porosity, no shows.

ARBUCKLE SECTION

3258-3265' Dolomite; white and cream, finely crystalline, poor visible porosity, no shows.

3265-3272' Dolomite; tan and cream, medium crystalline, fair porosity, golden brown stain, show of free oil and fair odor in fresh samples.

3272-3280' Dolomite; as above, slightly sucrosic, fair inter crystalline to vuggy type porosity, fair golden brown stain, show of free oil and fair to good odor in fresh samples.

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Drill Stem Test #1 3223-3275' (log measurements 3228-3280)

Times: 30-30-45-45

Blow: Weak

Recovery: 5' free oil
60' oil cut mud
(5% gas, 15% oil, 80% mud)

Pressures: ISIP 767 psi
FSIP 738 psi
IFP 41-52 psi
FFP 70-72 psi
HSH 1586-1560 psi

3289-3292' Dolomite; as above, plus tan sucrosic, dolomite, fair stain, show of free oil and fair odor in fresh samples.

Drill Stem Test #2 3275-3287' (log measurements 3280-3292)

Times: 45-45-45-60

Blow: Weak to good

Recovery: 60' gas in pipe
160' clean gassy oil
60' gassy muddy oil
30 very heavy oil cut thin watery mud

Pressures: ISIP 1038 psi
FSIP 1008 psi
IFP 14-24 psi
FFP 49-79 psi
HSH 1571-1557 psi

3298-3304' Dolomite; as above, plus white, sandy dolomite, scattered porosity, trace stain.

3304-3324' Dolomite; gray and tan, finely crystalline, few medium crystalline, sucrosic in part, scattered intercrystalline porosity, no shows.

3324-3330' Dolomite; as above, increasingly sandy.

3332-3340' Dolomite; white, gray, medium to coarse crystalline, fair to good intercrystalline porosity, trace poor stain, trace of free oil and questionable odor in fresh samples.

3340-3350' Dolomite; as above, dull gray stain, no show of free oil or odor in fresh samples.

Rotary Total Depth 3345 (-1542)
Log Total Depth 3350 (-1547)

COPY

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DRILLERS WELL LOG

Date Commenced: October 3, 2003
Date Completed: October 9, 2003

**John Roy Evans
Peterman #3
SE SW SW Sec. 28-17S-10W
Ellsworth County, Kansas**

**Elevation: 1798' G.L.
1803' K.B.**

**0 - 306' Sand & Shale
306 - 542' Sand & Clay
542 - 570' Anhydrite
570 - 719' Sand & Clay
719 - 1566' Sand & Shale
1566 - 1989' Shale
1989 - 3012' Shale & Lime
3012 - 3345' Shale
3345' R.T.D.**

FORMATION DATA

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**Anhydrite 542'
Base Anhydrite 570'**

**Surface Pipe: Set 20#, new, 8 5/8" *of*
casing @ 306' K.B. with 200 sacks
60/40 Poz., 3% Gel., 2% CC.**

**Production Pipe: Set 13.5#, used,
5 1/2" casing @ 3345' with 125 sacks
ASC, 5# Kalseal/sack, 500 gallon
ASF.**

A F F I D A V I T

**STATE OF KANSAS)
) ss:
COUNTY OF RUSSELL)**

**Alan Vonfeldt of lawful age, does swear and state that the facts and statements
herein are true and correct to the best of his knowledge.**

Alan Vonfeldt
Alan Vonfeldt

Subscribed and sworn to before me this 14th day of October, 2003.

My Commission Expires:

August 30, 2007

Cheryle M. Payne
Cheryle M. Payne, Notary Public

