



Rider Consulting Petroleum Geologist

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October 06th, 2008

WELL RESUME

Operator: Double Eagle Exploration

API: 15-101-22127

Well Name: Dirreen 1A

NW SW SW

Field:

Location: 990' FSL, 330' FWL

Sec.26 Twp.16S Rge.30W

County: Lane

State: Kansas

Spud Date: 09-24-08

Drilling Completed: 10-06-08

Elevations: GL- 2852'

KB- 2859'

Total Depth: Drillers TD- 4600'

Loggers TD-4599'

Contractor: American Eagle, Rig # 1

Well Site Geologist: Don V. Rider

Mud Logging Equipment: None

Samples: Unlagged samples were caught by drilling crew from 3300'-TD.

Mud Company: Mudco Mud

Type Drilling Mud: Chemical

Hole Size: 12 1/4" 0-390'; 7 7/8" 390'-TD

Casing: 8 5/8" set @ 390'

RECEIVED
KANSAS CORPORATION COMMISSION

DEC 01 2008

CONSERVATION DIVISION
WICHITA, KS

46-16-30W

Drill Time Kept: 3300'- 4600'

Samples Examined : 3300'-4600'

Geological Supervision: 3300'- 4600'

Cores: None

DST's: Five, Trilobite Testing

Electric Logs: Superior Well Service

Type Logs Run: Dual Induction & Dual Compensated Porosity Log, Micro Log,

Bottom Hole Formation: Mississippian

Well Status: It was decided by all parties concerned to Set pipe and test this well.



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DAILY REPORT

Direen # 1A, 26-16S-30W, Lane County, Kansas

<u>Date</u>	<u>Depth</u>	<u>24 Hr. Footage</u>	<u>Remarks</u>
09-24-08			Spud Date, Move in, rig up
09-25-08	830'		Set Surface pipe, 8 5/8" @ 390'
09-26-08	2055'	1225'	drilling ahead, bit trip, broke down Hole in pipe..
09-27-08	2450'	395'	Anhydrite 2230 (+ 629'), base 2256' (+ 603').
09-28-08	3078'	628'	Lost circulation @ 2990' Start samples @ 3300'
09-29-08	3643'	565'	Topeka 3626 (767'), Flat with offset well..
09-30-08	3720'	77'	DST #1 3678- #3720' Topeka Zone, 30-45- 45-60, 1 st open 10" in bucket, no returns, 2 nd open BOB in 35 min. Recovery 20' oil, 100' SOCW 7% oil, 43%M, 50% W, 60' SMCW 90% Water. IFP; 34-64, FFP; 67-107, ISIP: 1031, FSIP; 1014, Hydro 1855-1794, Temp 112. Survey 1/4, pipe Strap 3.71 long.
10-01-08	3950	230'	DST # 2 3892-3950' Toronto & Lansing A Zone. 30-30-30-60. 1 st open BOB in 5 1/2 Min, no return, 2 nd open BOB in 11min, no Return. Recovery; 120' SOCMW 3% oil, 47% M, 50%W, 120' SMCW W/ oil scum 15%M, 85% W, 540' water w/ oil scum. IFP; 151-274, FFP; 333-390, ISIP; 570 FSIP; 582, Hydro 2023-1906, Temp 120
10-01-08	3986'		DST # 3 3960-3986' Lansing B Zone 30-45 45-60, 1 st open BOB in 2min, 3" return, 2 nd Open BOB in 7min, 4" return ,Recovery:

10-01-08			899 gas in pipe, 464 clean gassy oil, 124' GSW & MCO 20%G,20%w, 20% <i>m</i> 40%oil, 62' Gsmcw w/ oil scum, IFP; 68-148, FFP 169-252, ISIP; 455, FSIP; 456, Hydro 2055-1942, Temp 122
10-02-08	4030'	44'	DST # 4 4009-4030' D zone KC, 30-30-30-30, 1 st open weak blow died in 16 min., 2 nd open no blow., Recovery 5' mud, IFP; 11-15, FFP; 20-23, ISIP; 160, FSIP; 97 Hydro 2007-1981, Temp 112
10-02-08	4043'	13'	DST # 5 4028-4043' E Zone KC, 30-45-45-60, 1 st open BOB in 7min, 1/4" return, 2 nd open BOB in 7min, 1/4" return, Recovery; 40' gas, 20' free oil, 62' sm&ocw 15% <i>m</i> , 15% oil, 70% water, IFP; 29-239, FFP; 254-489, ISIP; 1032, FSIP; 1025, Hydro 2036-1932, Temp 124.
10-03-08	4105	62'	Drill CFS 4137', Base Kansas City 4284' -1425, Marmaton 4314 - 1455.
10-04-08	4455	350'	Drilling, Pawnee 4398 (-1539), Fort Scott 4449 (-1590). Cherokee Shale 4576' -1717 Mississippian 4550 -1691', RTD 4600', CIR 1hr., POH for Log.
10-05-08	4600	145'	Finish logging, Run in hole, cir, lay down drill pipe, Run Casing.

FORMATION DATA
(Corrected to R.A. Guard Log)

10-06-08

Elevation 2859'KB
2852'GI

<u>Formation</u>	<u>Depth</u>	<u>Minus Data</u>
Anhydrite	2230'	+629'
Topeka	3623'	-764'
Heebner	3900'	-1041'
Toronto	3917	-1058
Lansing	3934'	-1075'
Stark Shale	4203'	-1344'
Base KC	4284'	-1425'
Marmaton	4314	-1455'
Pawnee	4400	-1541'
Fort Scott	4452	-1593'
Cherokee Shale	4475	-1616'
Johnson Zone	4526	-1667'
Mississippian	4552	-1693'

Sample Descriptions

Topeka 3623-3900
3700-3720'

This area had an off-white gray fine crystalline limestone, chalky in part, slightly fossiliferous, with good intercrystalline and vugular porosity. Good shows free oil & stain, Strong odor, good cut fluorescence. See DST # 1. There were 9 shows in the Topeka.

Toronto 3917-3934'

This area had an off-white, gray fine crystalline limestone, with fair oolitic and Vugular porosity, minor free oil & stain, Slight odor. See DST # 2

Lansing, Kansas City 3934'-4284'

A Zone 3934'-3960'

These Zones had an offwhite fine crystalline, limestone, oolitic, fossiliferous, with fair oolitic vugular porosities, fair free oil and stain, with fair cut fluorescence. Condemned by DST # 2

B Zones 3970-3982

These Zones had an offwhite buff, fine crystalline limestone, with fair oolitic and vugular porosities, fair free oil and stain, Slight odor, fair cut fluorescence. See DST # 3

D Zone 4020-4032'

This zone had a Offwhite, buff, Fine crystalline limestone, Sucrosic, Fossiliferous with fair intercrystalline, and pin point vugular porosities, fair show free oil and stain, fair odor. See DST # 4

E Zone 4032-4046'

This zone had an offwhite, buff fine crystalline limestone, oolitic, with fair oolitic and pin point vugular porosities. Fair free oil & stain, Strong odor. Condemned by DST # 5.

H Zone 4110'-4145'

This Zone had an offwhite Buff fine to medium sucrosic limestone, with fair oolitic and intercrystalline porosities, fair free oil and stain, Slight odor.

I-J Zones 4160'-4200'

These Zones had a fine crystalline fossiliferous, chalky, limestone, with fair intercrystalline, and vugular porosities, fair free oil and stain, slight odor, fair cut fluorescence.

K Zone 4206-4240'

This Zone had an offwhite, buff, fine crystalline oolitic limestone, with minor oolitic porosities, with minor free oil and stain, Slight odor

L Zone 4252-4284'

This zone had an offwhite fine crystalline limestone, fossiliferous, with poor pinpoint vugular porosities, very slight show free oil and stain.

Pawnee 4400'-4452'

This zone had an offwhite fine crystalline limestone, fossiliferous, with pinpoint vugular porosities, slight show free oil and stain slight odor.

Fort Scott 4452-4475'

This zone had an offwhite, to brown fine crystalline limestone, with poor vugular porosities, very slight show free oil and stain, slight odor.

Johnson Zone 4526-4532

This zone had a buff fine crystalline limestone, slightly fossiliferous, with poor vugular porosities, trace free oil and stain.