

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33640
Name: Haas Petroleum, LLC
Address: 800 West 47th Street, Suite #409
City/State/Zip: Kansas City, MO 64112
Purchaser: Plains Marketing, L.P.
Operator Contact Person: Mark Haas
Phone: (816) 531.5922
Contractor: Name: Sky Drilling, LLC
License: 33557
Wellsite Geologist: David Griffin, RG.

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl.; Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:

Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____
10/01/07 10/04/07
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 207- 27194-0000
County: Woodson
SE NE SW Sec. 07 Twp. 24 S. R. 14 East West
1875 feet from S / N (circle one) Line of Section
2470 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Dye Well #: 41
Field Name: Winterschied

Producing Formation: Mississippian Dolomite
Elevation: Ground: 1160' Kelly Bushing: 1167'
Total Depth: 1755' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 41 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan PA 111 9-15-09
(Data must be collected from the Reserve Pit)
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used _____
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: Marcia Littell
Title: Agent Date: 01/23/08
Subscribed and sworn to before me this 23rd day of JANUARY
20 08.
Notary Public: Maureen Green
Date Commission Expires: 9/18/08

KCC Office Use ONLY

N Letter of Confidentiality Received
If Denied, Yes Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

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JAN 28 2008
CONSERVATION DIVISION
WICHITA, KS

Notary Public
My Appt Expires: 9/18/2010

Operator Name: Haas Petroleum, LLC Lease Name: Dye Well #: 41
 Sec. 07 Twp. 24 S. R. 14 East West County: Woodson

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"	20.5#	41'	Class "A"	30	2% CaCl ₂ , 2% Gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.		Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i>		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

Disposition of Gas	METHOD OF COMPLETION	Production Interval	RECEIVED
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other <i>(Specify)</i>		JAN 28 2008

David B. Griffin, RG, Consulting Geologist

1502 W. 27th Terrace
Lawrence, Kansas 66046

Ph. (785) 842-3665
Cell (785) 766-0099
Fax (785) 856-3935

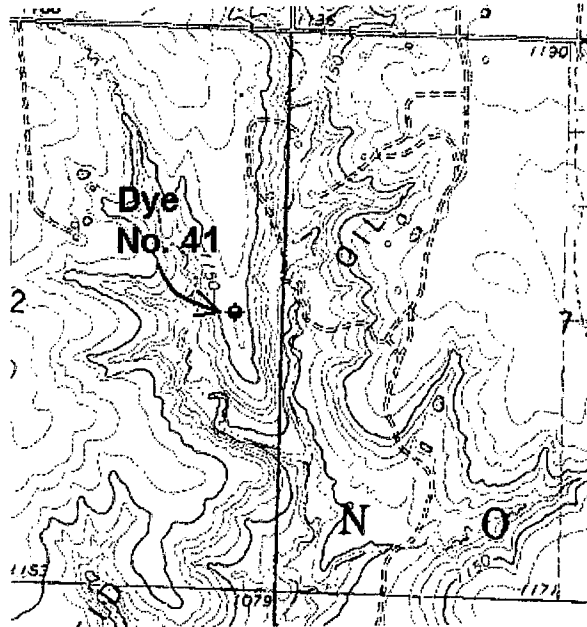
Geological Wellsite Report

October 31, 2007

Haas Petroleum, LLC
800 W. 47th St, Suite 409
Kansas City, MO 64112
Attn: Mark Haas

EnerJex Resources, Inc.
Commerce Plaza
7300 W. 110th St., 7th Floor
Overland Park, KS 66210
Attn: Brad Kramer

RE: Geological Wellsite Report
Dye No. 41, Dye Hole
NW NE NE SE4
2550' fsl, 480' fel of
Section 12, T24S-R13E
Woodson County, Kansas



The following report on the subject well includes detailed information and geological data based on microscopic examination of rotary drill cuttings and drill bit penetration rate from 1300' to a total depth of 1755' below the kelly bushing. A detailed log that plots drilling time, sample cuttings description and geological tops are included. The ground level elevation was 1160' estimated from a topographic map and the subsea corrected geological tops were based on a sample datum kelly bushing elevation of 1167'.

Daily Progress

- October 1, 2007; Rig # 1, Spud and set 41' of 8 5/8" surface casing,
- October 2, 2007; Drill from 41' to 380',
- October 3, 2007; Drill from 380' to 980',
- October 4, 2007; Drill from 980' to TD at 1755'.

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Well Information

Well Name: Dye No. 41 **Elev.:** Topo Est. GL 1160', KB 1167'

Location: NW NE NE SE4
Section 12, T 24S-R 13E
Woodson County, Kansas

GPS lat long Coord: N37.97441, W-95.92372

API No.: 15-207-27194-0000 **Field:** Winterscheid

Operator: Haas Petroleum, LLC

Contact Person: Mark Haas

Drilling Co.: Skyy Drilling, Rig #1
Yates Center, Kansas, 66865
KS Operator License No.: 33557

Drilling Co. Owner: Mark Haas **Tool Pusher:** Ben Harrell

Cement Co.: Consolidated Oil Well Service Co.
KS Operator License No.: 04996

Status: Dry Hole with oil show **Spud Date:** Oct. 1, 2007

Rotary Total Depth: 1755' KB **Date Reached TD:** Oct. 4, 2007

Surface Casing: Hole drilled with 12 1/4" bit, 41' of 8 5/8" casing,
Cemented with approximately 30 sacks of class "A" cement with 2% gel
and 3% CaCl₂.

Drilling Notes: 6 3/4", 4-blade (Ulterra) PDC Bit from 41' to TD at 1755'
Drilling time provided from 1250' to 1755'
Sample travel time to surface (lag), approx. 1 min. per 150 feet

Mud Program: Native fresh water mud to 1100', fresh water gel mud from 1100' to TD
Fudd Mud, Inc. provided occasional monitoring of chemical drilling mud,
Preferred properties; 33 to 36 vis, 8.9 to 9.4 wt. and 42 vis for logging.

Geological Supervision:

David Griffin, RG, provided wellsite supervision on October 4, 2007 for depths from 1300' to 1755' TD. Samples microscopically examined for the entire interval.

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Logs, Cores, DSTs: No open-hole or cased hole logs were ran for this well. No cores or drill stem tests were obtained for this well.

Geological Datums:

Dye No.41, Geological Tops			Dye No. 22
NW NE NE SE4, Sec. 12, T24S-R13E, Woodson Co., KS			SE SW NW SW4, Section 7, T24S-R14E
	Sample Tops KB Elev. 1167', Topo		Survey GL Elev. 1117.2', Cased Hole GRN Log Tops
Zones of Interest	Depth	Subsea	Subsea
Cherokee Group	1326	-159	-143
U. Squirrel SS	1334	-167	-153
Ardmore LS	1426	-259	-247
Cattleman SS	1436	-269	-256
Bartlesville SS	1572	-405	-332
Basal Chert Conglomerate	1687	-520	-491
Mississippian LS	1700	-533	-502
Miss. Dolomite Zone	1726	-559	-526
Rotary Total Depth	1755	-588	-617

Structural Comparisons:

Structural comparison of subsea corrected geological tops for Dye No. 41 indicates that the top of the dolomite zone was 33' lower than in Dye No. 22, a new injector well lying approximately 1400' to the southeast.

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Sample Observations of Dolomite Oil Show

Mississippian; Dolomite:

1726' to 1733', KB Samples:

Dolomite, calcareous to very calcareous, brown to tan, very fine to fine crystalline, fair to good crystalline and vugular porosity, slight odor, very slight show of oil, very few oil droplets, no oil washing from sample, 5% bright green fluorescence,.

Sample Observations of Other Zones of Interest

Upper Squirrel Sandstone:

1334' to 1340', KB Samples;

Sandstone, 50% laminated, gray, very fine grained quartz, fair to good porosity, no odor, good show of heavy tarry oil, fair amount of bleeding, contains 50% greenish-gray coarse siltstone.

1340' to 1350', KB Samples;

Geologist was not provided a sample for this interval (1350 to 1360).

1350' to 1354', KB Samples:

Sandstone, 30% laminated, gray, very fine grained quartz, poor to fair porosity, mostly tight, no odor, fair show of heavy tarry oil, fair amount of bleeding, contains 40% greenish-gray coarse siltstone, 20% shale, gray, silty, carbonaceous.

Bartlesville Sandstone:

1572' to 1610', KB Samples;

Sandstone, 30% to 70%, gray, mostly laminated in gray micaceous carbonaceous shale, very fine to fine grained sub-angular quartz, fair to good porosity, no odor, no show of oil or fluorescence.

Pennsylvanian Basal Conglomerate, (Cherty, Sandy Siltstone):

1690' to 1706', KB Samples;

Conglomerate, grayish-tan, siltstone, 30 to 50%, sandy, greenish-gray; chert, 5 to 10%, white or translucent gray, in shale, dark gray to very light gray or tan matrix, poor to fair porosity in sandy zones, no odor, no show of oil or fluorescence.

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Mississippian Limestone/Dolomite:

1700' to 1726', KB Samples;

Limestone, dark brown in top few feet, grading to light tannish-gray or cream, fine to coarse crystalline grainstone, poor to fair intercrystalline porosity, little vugular porosity, no odor, no show of oil, no fluorescence, dolomite present from 1705' to 1709' and from 1720' to 1726', tan to brown, very fine crystalline, fair crystalline porosity, dull fluorescence in dolomite, minor sandstone interbeds, present below 1715', white to light tannish-gray, poor to fair granular porosity, no show of oil or odor.

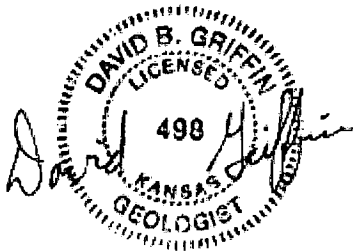
Summary:

Approximately six feet of calcareous dolomite with a very slight show of oil was penetrated from 1726' to 1732', KB samples, for a subsea top of -559, which is 33' structurally lower than Dye No. 22, a new injector well lying 1400' to the southeast. The dolomite contained fair to good crystalline and vugular porosity, slight odor, 5% bright green fluorescence and did not wash free oil. The dolomitic pay zone in this area typically has much better shows of free oil and greater amounts of bright green fluorescence. Therefore, the sample observations of this well are not representative of commercial quality.

Recommendations:

Based on the lack of a commercial showing of oil and low structural position of the pay zone, the well was plugged and abandoned.

Respectfully Submitted,



David B. Griffin, RG
Consulting Geologist

Attachments: Drilling Time, Sample Description and Geological Tops Log

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Depth	Lithology	Shows	Drilling Time in Minutes per Foot Rate of Penetration Decreases						Well No: Dgc No. 41	Pg. 1 of 2
			5	10	15	20	25	30	Location: NW/NE SE 4, 480' (el) 2550' (fs) SEC. 12, T24S-R13E	Datum/Elev. KB1167 topo
									Sample Descriptions	Tops/Remarks
1300 10-4-07									Sh, gy, LS tan	
									sh, gy-brn	
									LS, Gy-brn, shaley, in part	
									sh, blk, coaly	
									LS, tan-gy, shaley	Cherokee
									sh, gy-brn	1326(-159)
									LS, tan, silty	Ch. SQ. SS
									SS, gy, fr-gd, vfgnd-fgnd, gds hav hvy tarry oil, some bleeding, no odor	1334(-167)
									50% siltstone, coarse, grn-gy	
									* Sample 1350-1360 missing from collection, could not be located	
1350		oil							SS, AA, 30% gy, vfgnd, fr. sh hvy tarry oil, fair bleed, pr-fr, most. ly tight, interbedded with siltst and silt shale	
									sh, gy, 5% ss lam, ns	
									LS, gy, sdy, pr, foss.	
									sh, gy, silty, carb	
									SS, dkgy, shaley, vfgnd, 30% ns 70% silty sh, gy	
1400									sh, gy, silty	
									sh, AA	
									sh, ltgy	
									LS, Gray, dense	Ardmore LS 1426(-259)
									sh, blk, coaly	
									SS, ltgy, sh, gy, vfgnd, fr-gd, no odor	
									Slight stain, not bleeding, fair br green-fluor.	Cattleman SS 1436(-269)
									sh, ltgy	
1450									LS, tan, tr.	
									sh, gy, siderite	
									LS, Bn, trace	
									sh, dkgy	
									SS, ltgy, silty, carb, 30% lam ns sh, dkgy	
1500									sh, dkgy, tan claystone + r, LS, Bn, dense	
									sh, vdkgy to blk	
									sh, gy, silty, 20% siltst lam	
									sh, gy, silty, 20% ss lam, silty, ns	
10-4-07 1550									AA	

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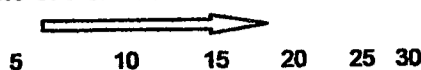
Well No: Dye No. 41

Location: NW NE NE SE 4 4 4 4 + el
1/4 20 50' f sl
SEC. 12, T24S-R13E

Datum/Elev.

KB 1167 top

Drilling Time in Minutes per Foot
Rate of Penetration Decreases



Sample Descriptions

Tops/Remarks

Depth

Lithology

Shows

1550

10-4-07

1600

1650

1700

10-4-07

1750

10' samples

Begin Stop Watch Use

Start 5' samples

CFS

v. sl. show oil

Sh, gy, silty,
SS, lam, 20% vfgnd, NS

SS, gy, vf-fgnd, subang qtz,
fr-gd ϕ NO odor, NS, vflr
30% gg shale, carb, mica

SS, 70%, NS, fr-gd ϕ

SS, 60%, NS, gd ϕ , shaley

Sh, clay, vltgy,
abundt. siderite

LS, yellow-brn, fxtln, fr ϕ , NS

sh, vdkgy to blk, coal tr.

sh, blk, 5% ss lam, vltgy, NS
coaly

sh, vltgy, clayey to blk

sh, vltgy to blk, 5% ss lam vltgs
5% silt lam

sh, AA,
coal

Cg, lgy-tan, 5-10% chert, wh-gy,
30-50% siltstone, sd, grn-gsh
clayey, sh, lgy to vltgy to tan
remainder, NS, No odor, No flr.

LS, dk brn top, to ltan-gy and
cream fxtln, grainstone, NS
fr fxtln ϕ
3dol, interbed, tantobrown, fr fxtln ϕ
vf fxtln, dull fluor, No odor, NS

LS, ltan-gy, f-cse fxtln, fr ϕ , NS
min, ss lam, tan fr-gd ϕ , NS

Dol, calc, brn to tan, vf fxtln
ss interbeds possible

Dol, calc, brown, fxtln, fr fxtln ϕ
fr-vgd vug ϕ , slight odor,
v. sl. show oil, 5% fluor, frcht

chert 30%, wh, tan, brown

chert 50%, wh, mottled brn
Dol, dk-brn-gray, fr-gd vug ϕ , shaley, NS
15% chert

Dol, ltgy mottled gy, gd vugs, NS
opt. chert 5%

Bartlesville SS
1572(-405)

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Basal congl.
1687(-520)

MISSLS

1700(-533)

Dol. Zone

1726(-559)

Total Depth
1755(-588)

0% sample fluor 50/100