

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 # 33657
Name: OHIO KENTUCKY OIL CORPORATION
Address: 110 E. LOWRY LANE
City/State/Zip: LEXINGTON, KY 40503
Purchaser: NA
Operator Contact Person: DEANNA MCDOWELL
Phone: (859) 276-3500
Contractor: Name: AMERICAN EAGLE DRILLING
License: 33493
Wellsite Geologist: JAMES R. HALL

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. _____

09-08-2007	09-15-2007	10-01-2007
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 195-22451-00-00
County: TREGO
SW 16 SE 16 Sec. 13 Twp. 9 S. R. 24 East West
330 FSL feet from S / N (circle one) Line of Section
2297 FEL feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: VREELAND Well #: 4
Field Name: WL
Producing Formation: LANSING KANSAS CITY
Elevation: Ground: 2355 Kelly Bushing: 2362
Total Depth: 4021 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 221 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 AH II NCR 8-1-08
(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: [Signature]
Title: Vice President Date: 3-18-08
Subscribed and sworn to before me this 18th day of March
08
Notary Public: Annette Epsom
Date Commission Expires: 10-13-09

KCC Office Use ONLY

Letter of Confidentiality Received
If Denied, Yes Date: RECEIVED
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

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KANSAS CORPORATION COMMISSION
CONSERVATION DIVISION
WICHITA, KS

Operator Name: OHIO KENTUCKY OIL CORPORATION Lease Name: VREELAND Well #: 4
 Sec. 11 Twp. S S. R. 24 East West County: TREGO

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 checked="" type="checkbox"/> Yes <input 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: DUAL INDUCTION MICRORESISTIVITY DUAL COMPENSATED POROSITY & SONIC CEMENT BOND LOGS	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
--	---

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#	221	COMMON	150	3% CC & 2% GEL
PRODUCTION	7 7/8	4 1/2	10.5#	4020	QUALITY PRO C	225	2% CAL

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 (Amount and Kind of Material Used)	Depth
4 SHOTS	3905-3910		

TUBING RECORD		Size <u>2 3/8</u>	Set At <u>2037</u>	Packer At <u>3891</u>	Liner Run <input type="checkbox"/> Yes <input checked="" 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 (Explain)			
Estimated Production Per 24 Hours	Oil Bbls. <u>100</u>	Gas Mcf <u>0</u>	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas Vented Sold Used on Lease *(If vented, Submit ACO-18.)* METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____ Production Interval _____

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For KCC Use:
 Effective Date: 4-25-07
 District #: 4
 SGA? Yes No

KANSAS CORPORATION COMMISSION
 OIL & GAS CONSERVATION DIVISION

Form C-1
 December 2002

NOTICE OF INTENT TO DRILL

APR 19 2007

Form must be Typed
 Form must be Signed
 All blanks must be Filled

Must be approved by KCC five (5) days prior to commencing work
 CONSERVATION DIVISION
 WICHITA, KS

Expected Spud Date 6-1-2007
 month day year

OPERATOR: License# 36857 33057
 Name: Ohio Kentucky Oil Corporation
 Address: 110 E. Lowry Lane
Lexington, Kentucky 40503
 City/State/Zip:
 Contact Person: DEANNA MCDOWELL
 Phone: 859-276-3500

CONTRACTOR: License# 33575
 Name: WW Drilling LLC

Well Drilled For:	Well Class:	Type Equipment:
<input checked="" type="checkbox"/> Oil	<input type="checkbox"/> Enh Rec	<input checked="" type="checkbox"/> Mud Rotary
<input type="checkbox"/> Gas	<input type="checkbox"/> Storage	<input type="checkbox"/> Air Rotary
<input type="checkbox"/> OWWO	<input type="checkbox"/> Disposal	<input type="checkbox"/> Cable
<input type="checkbox"/> Seismic; # of Holes	<input type="checkbox"/> Wildcat	
<input type="checkbox"/> Other	<input type="checkbox"/> Other	

If OWWO: old well information as follows:
 Operator: _____
 Well Name: _____
 Original Completion Date: _____ Original Total Depth: _____

Directional, Deviated or Horizontal wellbore? Yes No
 If Yes, true vertical depth: _____
 Bottom Hole Location: _____
 KCC DKT #: _____

Spot SW SW SE Sec. 13 Twp. 11s S. R. 24w East West
330 feet from N / S Line of Section
2297 feet from E / W Line of Section
 Is SECTION Regular Irregular?

(Note: Locate well on the Section Plat on reverse side)
 County: Trego
 Lease Name: Gaterr Geyer Ireland Well #: 5-4
 Field Name: WL

Is this a Prorated / Spaced Field? Yes No
 Target Formation(s): Lansing Kansas City, Mississippian
 Nearest Lease or unit boundary: 330
 Ground Surface Elevation: 2355.4 feet MSL
 Water well within one-quarter mile: Yes No
 Public water supply well within one mile: Yes No
 Depth to bottom of fresh water: 150'
 Depth to bottom of usable water: 1000'
 Surface Pipe by Alternate: 1 2
 Length of Surface Pipe Planned to be set: 200'+-
 Length of Conductor Pipe required: none
 Projected Total Depth: 4250'
 Formation at Total Depth: Mississippian
 Water Source for Drilling Operations:
 Well Farm Pond Other _____
 DWR Permit #: _____
 (Note: Apply for Permit with DWR
 Will Cores be taken? Yes No
 If Yes, proposed zone: _____

AFFIDAVIT

The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55 et. seq.

It is agreed that the following minimum requirements will be met:

1. Notify the appropriate district office **prior** to spudding of well;
2. A copy of the approved notice of intent to drill **shall be** posted on each drilling rig;
3. The minimum amount of surface pipe as specified below **shall be set** by circulating cement to the top; in all cases surface pipe **shall be set** through all unconsolidated materials plus a minimum of 20 feet into the underlying formation.
4. If the well is dry hole, an agreement between the operator and the district office on plug length and placement is necessary **prior to plugging**;
5. The appropriate district office will be notified before well is either plugged or production casing is cemented in;
6. If an ALTERNATE II COMPLETION, production pipe shall be cemented from below any usable water to surface within **120 days** of spud date. Or pursuant to Appendix "B" - Eastern Kansas surface casing order #133,891-C, which applies to the KCC District 3 area, alternate II cementing must be completed within 30 days of the spud date or the well shall be plugged. **In all cases, NOTIFY district office** prior to any cementing.

I hereby certify that the statements made herein are true and to the best of my knowledge and belief.

Date: 4/17/07 Signature of Operator or Agent: [Signature] Title: VICE-PRES.

For KCC Use ONLY
 API # 15 - 195-22451-0000
 Conductor pipe required None feet
 Minimum surface pipe required 200 feet per Alt. XO 2
 Approved by: [Signature] 4-20-07
 This authorization expires: 10-2007
 (This authorization void if drilling not started within 6 months of effective date.)
 Spud date: _____ Agent: _____

Remember to:

- File Drill Pit Application (form CDP-1) with Intent to Drill;
 - File Completion Form ACO-1 within 120 days of spud date;
 - File acreage attribution plat according to field proration orders;
 - Notify appropriate district office 48 hours prior to workover or re-entry;
 - Submit plugging report (CP-4) after plugging is completed;
 - Obtain written approval before disposing or injecting salt water.
- If this permit has expired (See: authorized expiration date) please check the box below and return to the address below.

Well Not Drilled - Permit Expired
 Signature of Operator or Agent: _____
 Date: _____

13
 11
 24w

WELL REPORT

VREELAND #4

**330' FSL, 2,297' FEL SEC; 13 -T 11 S - RG 24 WEST
TREGO COUNTY, KANSAS**

ELEVATION: 2,355' G. L., 2,362' K. B.

A.P.I. NUMBER 15-195-22451-00-00

WELL SITE SUPERVISION: JAMES R. HALL

CONTRACTOR: American Eagle Drilling Company, Inc. Rig #1
Drilling Pipe: 5", Drilling Collars: 6.25" and 7 7/8" Drilling Bit (from base of surface casing to RTD).

SPUD & COMPLETION DATE: The rig moved on location and spud 9-08-07,
completed 9-15-07.

CASING:

SURFACE: 8 5/8" Set at 221' (K.B.), cemented with 150 sxs of common cement, 3% CC
& 2% gel. cement did circulate to surface.

PRODUCTION: 4 1/2" production casing to evaluate the productive potential of the
Kansas City "J" zone.

OPEN HOLE LOGS: Log Tech (Hays, Kansas); Dual Induction, Dual Compensated
Porosity Log, Microresistivity, and Sonic Log.

DRILLING TIME: 1' Drilling time from 3,500' to 4,021' (RTD).

SUPERVISION: 3,500' to 4,021' (RTD).

SAMPLES: 10' wet and dry samples were examined from 3,500' to 4,021' (RTD).
Samples were examined wet & dry under Corvascope with black light.

DEVIATION SURVEYS: See attached Well Reports.

STRATIGRAPHIC MARKERS & STRUCTURAL POSITION: See attached Well
Reference Sheet.

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CONSERVATION DIVISION
WICHITA, KS

DRILLING FLUID RECORD: See attached Well Reports.

BIT RECORD: See attached Well Reports.

RIG ACTIVITY DURING WELL SIGHT SUPERVISION: See attached Well Reports.

DST'S WERE RUN BY TRILOBITE TESTING, INC. TESTER: Hays Kansas Office). See attached Well Reports.

STRATIGRAPHY & LITHOLOGY (Zones of Interest, Sample Depths and Geologic Strip Log Data was used).

Lansing "B": 3,760' to 3,768'; Limestone; packstone-fossiliferous to weathered, off white in color, hard, visible in-fossiliferous and weathered porosity, with occasional small vuggy porosity, visible brown oil in pore space, trace bleeding oil, some black-dead stain, very slight sample odor, one to three pieces of show per view. E-log calculations and DST #1 information indicates this zone to be non-productive.

Lansing "C": 3,770' to 3,794' (e-log); Limestone; packstone-fossiliferous, off white in color, visible in-fossiliferous porosity, with light brown oil, some porosity looks barren, some bleeding oil, trace of live show overall, very slight sample odor, some crystalline dolomitic look. DST #1 and e-log calculations indicate this zone is non-productive.

Kansas City "I": 3,886' to 3,898' (e-log); Limestone; fossiliferous packstone & wackestone; cream to off white in color, hard, visible in-fossiliferous porosity with light brown oil, abundant visible bleeding oil in sample, free oil only when broken, occasional small vuggy porosity, spotty to even stain noted in the dry sample around visible porosity, trace barren porosity in 60 min. circulated sample, 5 to 7 pieces of show per view in best circulated sample, fair sample odor. E-log calculations indicate this zone should be productive however DST #2 shows the zone to be too tight to produce.

Kansas City "J": 3,902' to 3,918' (e-log); Limestone; mudstone, cream to off white in color, hard, dull to silky luster, visible vuggy porosity with rainbow look and with brown oil in the pore spaces, most visible porosity is small vugs with bleeding oil, some large vuggy porosity is visible and are calcite lined, some have visible calcite crystals, very faint sample odor, average 3 pieces of show per view. E-log calculations indicate less than 40% water saturation and DST #3 also indicate this zone should be productive, however shut-in pressures do show this zone is pressure depleted (extrapolated pressures just over 500#).

JIM HALL WELL SITE SUPERVISOR
P O BOX 66 VALLEY CENTER, KANSAS 67147-0066
RIG PHONE: 785-567-7191 CELL PHONE: 316-217-1223

DAILY DRILLING REPORT

REPORT TIME: 7:00 **EST. COMPANY TIME LAST 24 HRS.:** 1
SPUD: 09/08/07 **REPORT DATE:** 09/12/07 **TOTAL DAYS:** 4
OPERATOR: Ohio Kentucky Oil Corp.
WELL NAME: Vreeland #4 SW SW SE 13-11S-24W Trego Co. Kans.
DRILLING CONTRACTOR & RIG: American Eagle Drilling Rig # 1

PRIOR REPORT DEPTH: 3,170
REPORT DEPTH: 3,744 **STATUS:** Circulating
FORMATION: Lansing "A"
FOOTAGE LAST 24HRS.: 574 **PEN-RATE / LAST 24 HR.AVG:** 24
BIT#/SIZE TOT.HRS: TYPE: WOB: RPM: IN: OUT/AM FT.CUT:
#1 / 12.25 RR 0 221 221
#2 / 7 7/8 Rock Bit .221 1,840 1,619
#3 / 7 7/8 41 517 LX 35-40k 75-80 1,840 3,744 1,904
0

DEV.: DEPTH: PUMP#: LINER: STROKE: SPM: PRESSURE:
1/2 deg. 221 1 6" 14" 60-64 800-750
1/2 deg. 1,840

MUD CHECK @: 3,340 WT: 8.7 VIS: 56 P. VIS: 21
YP: 16 GEL.: 3-24 PH: 11 FILTRATE: 8.8
CHL/PPM: 800 CAL.: 10 OIL: LCM#/bbl 0.50
DAILY COST: \$4,349.25 PRIOR COST: \$0.00 CUM. COST: \$4,349.25

MUD TYPE: FROM: TO:
Native Mud 0 3,340
Chemical 3,340

REMARKS: (DSTS, CORES, LOGS, PROBLEMS, ETC.)

Drilling and Circulating, looking for shows.

JIM HALL WELL SITE SUPERVISOR
P O BOX 66 VALLEY CENTER, KANSAS 67147-0066
RIG PHONE: 785-567-7191 CELL PHONE: 316-217-1223

DAILY DRILLING REPORT

REPORT TIME: 7:00 **EST. COMPANY TIME LAST 24 HRS.:** 20.25
SPUD: 09/08/07 **REPORT DATE:** 09/13/07 **TOTAL DAYS:** 5
OPERATOR: Ohio Kentucky Oil Corp.
WELL NAME: Vreeland #4 SW SW SE 13-11S-24W Trego Co. Kans.
DRILLING CONTRACTOR & RIG: American Eagle Drilling Rig # 1

PRIOR REPORT DEPTH: 3,744
REPORT DEPTH: 3,812 **STATUS:** Circulating
FORMATION: Lansing "E"

FOOTAGE LAST 24HRS.: 68 **PEN-RATE / LAST 24 HR.AVG:** 3
BIT#/SIZE TOT.HRS: TYPE: WOB: RPM: IN: OUT/AM FT.CUT:

#1 / 12.25		RR			0	221	221
#2 / 7 7/8		Rock Bit			221	1,840	1,619
#3 / 7 7/8	42.75	517 LX	35-40k	75-80	1,840	3,785	1,945
#4 / 7 7/8	1.25	RR JZ	34k	60	3,785	3,812	27

DEV.:	DEPTH:	PUMP#:	LINER:	STROKE:	SPM:	PRESSURE:
1/2 deg.	221	1	6"	14"	62	725-850
1/2 deg.	1,840					
3/4 deg.	3,785					

MUD CHECK @:	3,770	WT:	9	VIS:	52	P. VIS:	19
YP:	14	GEL.:	3-18	PH:	10.5	FILTRATE:	8.4
CHL/PPM:	2,000	CAL.:	25	OIL:		LCM#/bbl	0.50
DAILY COST:	\$781.60	PRIOR COST:		\$4,349.25 CUM. COST:			\$5,130.85

MUD TYPE:	FROM:	TO:
Native Mud	0	3,340
Chemical	3,340	

REMARKS: (DSTS, CORES, LOGS, PROBLEMS, ETC.)

DST #1 3747-3785 ("B" & "C"), Times; 30-45-30-60, IH 1848, IF 14-43 (weak blow), ISI 1168, FF 51-71 (weak blow in 20 min.), FSI 1154, FH 1773. Rec.; 60' oil cut muddy water (5% oil, 65% water, 30% mud), 60' muddy water (80% water, 20% mud), BHT 114 F, Rwa 0.10 @ 80 F, Chl 65,000 ppm. Strap pipe 0.63' short to the board.

**JIM HALL WELL SITE SUPERVISOR
P O BOX 66 VALLEY CENTER, KANSAS 67147-0066**

RIG PHONE: 785-567-7191 CELL PHONE: 316-217-1223

DAILY DRILLING REPORT

REPORT TIME: 7:00 EST. COMPANY TIME LAST 24 HRS.: 18.75
 SPUD: 09/08/07 REPORT DATE: 09/14/07 TOTAL DAYS: 6
 OPERATOR: Ohio Kentucky Oil Corp.
 WELL NAME: Vreeland #4 SW SW SE 13-11S-24W Trego Co. Kans.
 DRILLING CONTRACTOR & RIG: American Eagle Drilling Rig # 1

PRIOR REPORT DEPTH: 3,812
 REPORT DEPTH: 3,920 STATUS: Trip DST #3
 FORMATION: Kansas City "J"

FOOTAGE LAST 24HRS.:	108	PEN-RATE / LAST 24 HR.AVG:	5
BIT#/SIZE TOT.HRS: TYPE:	WOB:	RPM:	IN: OUT/AM FT.CUT:
#1 / 12.25	RR		0 221 221
#2 / 7 7/8	Rock Bit		221 1,840 1,619
#3 / 7 7/8 42.75	517 LX	35-40k 75-80	1,840 3,785 1,945
#4 / 7 7/8 6.25	RR JZ	34k 60	3,785 3,920 135

DEV.:	DEPTH:	PUMP#:	LINER:	STROKE:	SPM:	PRESSURE:
1/2 deg.	221	1	6"	14"	62	800-850
1/2 deg.	1,840					
3/4 deg.	3,785					

MUD CHECK @:	3,837	WT:	9.1	VIS:	51	P. VIS:	18
YP:	14	GEL.:	3-18	PH:	10.5	FILTRATE:	8.8
CHL/PPM:	1,600	CAL.:	20	OIL:		LCM#/bbl	0.50
DAILY COST:	\$0.00	PRIOR COST:	\$5,130.85	CUM. COST:			\$5,130.85

MUD TYPE:	FROM:	TO:
Native Mud	0	3,340
Chemical	3,340	

REMARKS: (DSTS, CORES, LOGS, PROBLEMS, ETC.)

DST #2 3848-3901 ("H" & "I"), Times; 30-45-30-90, IH 1926, IF.13-16 (weak blow dead in 5 min), ISI 61, FF 16-19 (no blow), FSI 55, FH 1841. Rec.; 5' mud, BHT 110 F. Start DST #3 "J".

**JIM HALL WELL SITE SUPERVISOR
P O BOX 66 VALLEY CENTER, KANSAS 67147-0066**

RIG PHONE: 785-567-7191 **CELL PHONE:** 316-217-1223

DAILY DRILLING REPORT

REPORT TIME: 7:00 **EST. COMPANY TIME LAST 24 HRS.:** 19.25
SPUD: 09/08/07 **REPORT DATE:** 09/15/07 **TOTAL DAYS:** 7
OPERATOR: Ohio Kentucky Oil Corp.
WELL NAME: Vreeland #4 SW SW SE 13-11S-24W Trego Co. Kans.

DRILLING CONTRACTOR & RIG: American Eagle Drilling Rig # 1

PRIOR REPORT DEPTH: 3,920

REPORT DEPTH: 4,021 **STATUS:** Open Hole Logs

FORMATION: Lower Pennsylvanian

FOOTAGE LAST 24HRS.: 101 **PEN-RATE / LAST 24 HR.AVG:** 4

BIT#/SIZE TOT.HRS:	TYPE:	WOB:	RPM:	IN:	OUT/AM	FT.CUT:
#1 / 12.25	RR			0	221	221
#2 / 7 7/8	Rock Bit			221	1,840	1,619
#3 / 7 7/8	517 LX	35-40k	75-80	1,840	3,785	1,945
#4 / 7 7/8	RR JZ	40k	80	3,785	4,021	236

DEV.:	DEPTH:	PUMP#:	LINER:	STROKE:	SPM:	PRESSURE:
1/2 deg.	221	1	6"	14"	62	800-850
1/2 deg.	1,840					
3/4 deg.	3,785					
1 deg.	4,021					

MUD CHECK @: 3,920 **WT:** 9.2+ **VIS:** 51+ **P. VIS:** 11
YP: 17 **GEL.:** 12-19 **PH:** 10.5 **FILTRATE:** 7.4
CHL/PPM: 1,500 **CAL.:** 20 **OIL:** **LCM#/bbi** trace
DAILY COST: \$473.20 **PRIOR COST:** \$5,130.85 **CUM. COST:** \$5,604.05

MUD TYPE:	FROM:	TO:
Native Mud	0	3,340
Chemical	3,340	RTD

REMARKS: (DSTS, CORES, LOGS, PROBLEMS, ETC.)

DST #3 3895-3920 ("H" & "I"), Times; 15-60-15-90, IH 1938, IF 233-305 (strong blow bob in 10 sec.), ISI 471 (bob in 6 min), FF 324-378 (strong blow bob in 50 sec.), FSI 444 (weak building to 6"), FH 1873. Rec.; 1364' clean gassy oil (34 deg. API), BHT 120 F. After DST #3 was completed RTD was reached (4,021') @ 02:33 hrs, 9-15-07. Strap pipe 2.23' long to the board.

OHIO Kentucky Oil Corporation
Vree LAND # 4
FIELD: WL
Trego County, KANSAS
Sec 13 Twp 11S Rge. 24W
Longstring Report

9-16-07 - Run 4 1/2" x 10.5 #/ft Limited Service Casing from
Mid Western Pipe Works @ Hays, KANSAS.
Casing Crew was Superior Casing Crew.
FLOATING Equipment As Follows:
Guide Shoe on Bottom of Shoe Joint
Shoe joint length 15'45" - INSERT FLOAT
VALVE w/ Auto-fill in 1ST COLLAR OR IN COLLAR
of Shoe Joint - FLOAT @ 4004'55" PORT
COLLAR IN JOINT # 50 COLLAR @ 1975'74".
Centralizers on Collars - 1-3-5-7-9-11-13
AND 49 AND 74. Cement BASKETS ON
Csg Collars - 49 AND 75 - Run 98 joints
of casing with CALVEY of 4022.36. TOTAL
Depth of Hole 4021'. Pipe Set @ 4020'.
Drop BALL to Dislodge Fillup tubes. BREAK
circulation AND Circulate casing for 1 Hour.

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MAR-19-2008
CONSERVATION DIVISION
WICHITA, KS

OHIO KENTUCKY Oil Corp

Wellbore #4

Logstring Report pg 2

9-16-07 Cont: While Circulating Add 1sk Desco Mud Thinner.
Finish Circulating - Hook to Quality Oil Well
Cementing to Casing.

Plug Rat Hole with 15SKs Quality Pro-C Cement

Run 500gal Mud Flush thru 4 1/2" Casing

Mix 210SKs of Quality Pro-C Cement

Wash out Pump AND LINES - Release SW Plug.

START Displacement - 1ST 10BBL 2% KCL WATER

Displace @ 5BPM plus -

Plug LANDED - 1400 psi. - Psi holding

Release Psi - HAD Flow back

Repsi AND Release - Flowback -

Repsi to 1400psi AND then back to 350psi

Close Well in

Job Complete - 0330 AM.

Set Casing Slips

Respectively Submitted

Terry O. Garrison

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MAR 19 2008

CONSERVATION DIVISION
WICHITA, KS

Fg1

OHIO KENTUCKY Oil Corporation

Vreeland # 4

FIELD: WL

Sec 13 Twp 11s Rge 24W

Trego County, KANSAS

Completion Report.

9-26-07

Move IN Rig rig up log-Tech to Run Casing -
Cement - Bond log - Excellent.

9-27-07

Move IN Rig up Muefin Delq Company pulling
Unit.

UNLOAD 2 3/8" ^{LIMITED} L.S. tubing from Midwestern
Pipe Works - Hays, KANSAS.

START Port Collar Opening Tool in hole in 4 1/2"
x 10.5 #/ft L.S. Casing.

FIND Port Collar tool @ 1972'

Psi test Tubing AND Casing to 1400 psi.

AND held.

Open Port Collar tool. Establish circulation

Begin Mixing 275 SKS QMS Cement from

Quality Oil Well Cementing

Cement Circulated to Surface.

Displace Cement to Port Collar with

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CONSERVATION DIVISION
WICHITA, KS

OHIO KENTUCKY OIL CORP.

Veeeland #4 Completion

Pg

9-27-07 Cont: 7 BBL of WATER. Close Port COLLAR.

Pressure test to 1000 psi AND held.

Run 5 joint tubing to 2037' AND Reverse
out cement AND Clean Hole - 20 BBLs pumped.

Job Witnessed by KCC Rep.

Run tubing to 3700' - Begin SWABBING tubing
to lower fluid to Perforate.

Swab Well Down to 3600' -

Begin to Pull tubing - 1705 Hours

Shut down 1730 - Fill COLLAR w/ Diet.

9-28-07-

Finish Pulling tubing

Rig up Log - Tech to Perforate.

Perforate "J" zone from 3905' - 10' with
4 shots per foot - Expandable Gun.

START 4 1/2" x 2 3/8" Packer IN Hole from

X-Perf Services. - Hill City, KANSAS

Set Packer @ 3891'

Begin Swab Down - Fluid @ 3350' - 541' 100%

Oil -

1st Hour test - 6 pulls

ALL pulls from 3650' - 3700' - 5.84 BBLs

100% Oil

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WICHITA, KS

OHIO KENTUCKY Oil Corp. Vreeland #4 Completion pg

9-28-07 Cont: 2ND Hour test - 6 pulls - Pull from
3650' thruout - 231' of fluid.

6.68 BBLs - 100% Oil Gassey Oil

3RD Hour test - 6 pulls - Pull from

3600' - 3700' - 100% Oil thruout

7.51 BBLs. Gassey Oil

Shut down for Day.

10-1-07

Check Fluid level - 2800' Down - 1091' of

100% Clean Gassey Oil

MAKE 3 pulls

Release Packer AND Run for Spot. to 3910'

Check Fluid level - 3000' -

Spot 5 BBL 15% Mud Acid - let fall 15 min.

Pull tool Back to 3891' AND Set - ~~3~~ LOAD

hole w/ Rest of Acid - 1 BBL - 6 BBL total 250 gal.

START Displacement 2% KCL Wte.

Pumped 16 BBL WATER AND NO Pressure.

LOAD 6 BBL Acid - 16 BBL WATER - 22 BBL

Let Soak 1/2 Hour.

Begin SWABBING

2ND Pull turned to oil.

Seeing lots of Mud Damage coming
from Foamation.

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OHIO KENTUCKY Oil Corp. Vreeland # 4 Completion pg

10-1-07 CONT: SWABBED back 38.43 BBL 100% Oil

Begin Hourly test - 6 Pulls / Hr

Fluid levels between 3200 - 3350

~~thruout~~ thruout test.

1ST Hour - 100% Oil - 12.52 BBL

Clean Gassey Oil. 6 Pulls

2ND Hour - 100% Oil thruout -

12.11 BBL Fluid Recovered

3RD Hour - 100% Oil Thruout -

11.34 BBL Recovered.

Clean Very Gassey Oil.

Release AND Pull Packer out of Hole

Job Complete for site.

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WICHITA, KS

OHIO KENTUCKY Oil Corp. Veelana #4 Completion

pg

10-2-07

Rig up to Run Production tubing. Run
15'40" Mud Anchor AND 1.10" SEAT Nipple
AND 123 joints of New 2 3/8" 4.7#/ft
Limited Service tubing AND 20' of tubing subs
Bottom of Mud Anchor @ 3984'36" - TD 4006'
SEAT Nipple @ 3967'86" - Perfs @ 3905'-10'
SET tubing in slips. 7" up.
START Pump 2" x 1 1/2" x 12' Base Precision
HF 222E12 w/ 6' GAS Anchor AND 2' Pony
Rod on top.
Run 158 3/4" Rods No Subs
From Crawford Supply
Pump 6" off Bottom.
Job Complete 1350 hrs.
Rig Down.

Respectfully

TERRY O. GARRISON

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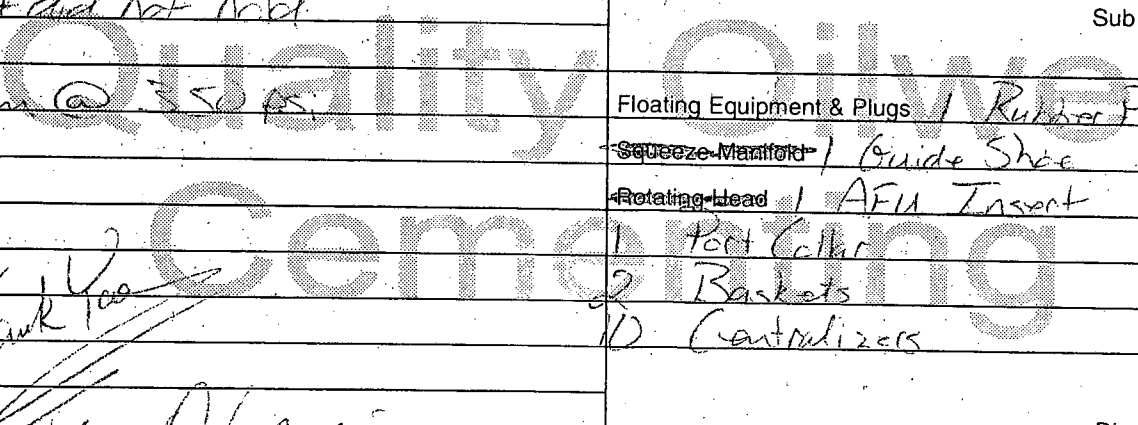
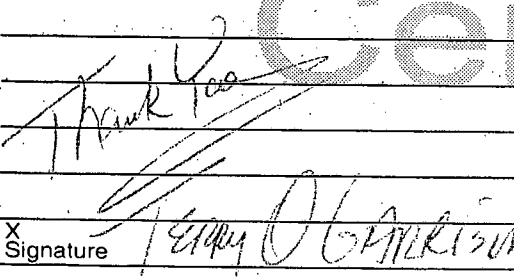
CONSERVATION DIVISION
WICHITA, KS

QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 1595

Date	9-15-07	Sec.	13	Twp.	11	Range	24	Called Out		On Location	7:30 PM	Job Start		Finish	3:30 AM
Lease	Madison	Well No.	4			Location	Whiteaway (W 46) Tr	County	KS	State					
Contractor	American Eagle Drilling						Owner	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.							
Type Job	Logstring						Charge To	Ohio Kentucky Oil Corp							
Hole Size	7 7/8		T.D.	4021		Depth	4020								
Csg.	4 1/2 10 3/16		Depth												
Tbg. Size	Depth														
Drill Pipe	Depth														
Tool	Port Collar		Depth	1975.74 #50		The above was done to satisfaction and supervision of owner agent or contractor.									
Cement Left in Csg.	15.45		Shoe Joint	15.45											
Press Max.	Minimum														
Meas Line	Displace (03 3/4 Bbl)														
Perf.	CEMENT														
EQUIPMENT						Amount Ordered	225 Quality Pro-C RCL								
Pumptrk 1	No.	Cementer	Steve		Helper	Consisting of 500 Gal Mud Clean-4R									
Bulktrk 2	No.	Driver	David		Driver	Common									
Bulktrk	No.	Driver	Darin		Driver	Poz. Mix									
JOB SERVICES & REMARKS						Gel.									
Pumptrk Charge						Chloride									
Mileage						Hulls									
Footage						Salt	RECEIVED KANSAS CORPORATION COMMISSION								
Total						Flowseal	MAR 19 2008								
Remarks:	15 sec Port Hole					Handling	CONSERVATION DIVISION WICHITA, KS								
Land plug @ 1400 psi						Mileage									
Float did not hold						Sub Total									
Shut in @ 350 psi						Total									
						Floating Equipment & Plugs	1 Rubber Plug								
						Squeeze Manifold	1 Guide Shoe								
						Rotating Head	1 AFU Insert								
						1 Port Collar									
						2 Baskets									
						10 Centralizers									
X Signature						Tax									
						Discount									
						Total Charge									

Superior Casing
2525 5th Street
Great Bend, Kansas 67530
1-800-792-4003

P.O.

COMPANY Ohio Kentucky Oil Corp
 ADDRESS 110 E Lowry Lane
 CITY Lexington STATE Kentucky ZIP 40503
 LEASE & WELL NO. Vreeland #4 COUNTY Trego
 DRILLING CONTRACTOR American Eagle

POSITION	EMPLOYEE NAME	TOTAL HOURS
OPERATOR	Josh Pettijohn	
STABBER	Justin Cambell	
FLOOR HAND	Eric Buckley	
FLOOR HAND	Tyler Tomlinson	

JOINTS	RUN	JOINTS	PULLED
98	4028		

DESCRIPTION OF WORK BEING DONE

TRUCK NO. 3310 ARRIVED ON LOCATION AT 5:00-9:45 LDDP 9:45 - 12:00
12:00 nipple down & rig up 12:00-1:30 run casing 1:30-2:00 rig down break circ

TONG OPERATOR.....	Hours @ \$	Per Hour.....	AMOUNT \$
CREW CHARGES.....	Hours @ \$	Per Hour.....	AMOUNT \$
WAITING TIME.....	Hours @ \$	Per Hour.....	AMOUNT \$
ROUSTABOUT CHARGES.....	Hours @ \$	Per Hour.....	AMOUNT \$
TRANSPORTATION CHARGE.... <u>252</u>	Miles @ \$	Per Mile.....	AMOUNT \$
TOOL RENTAL.....			AMOUNT \$
RODS.....			AMOUNT \$
TUBING.....			AMOUNT \$
CASING <u>run 4028 ft of 4 1/2 casing</u>			AMOUNT \$
POWER TONGS <u>fosters</u>			AMOUNT \$
SLIPS <u>4 1/2</u>			AMOUNT \$
ELEVATORS <u>4 1/2</u>			AMOUNT \$
THREAD PROTECTORS <u>4 1/2</u>			AMOUNT \$
SOLVENT.....			AMOUNT \$
THREAD COMPOUND <u>1 bucket</u>			AMOUNT \$
MISC. CHARGES.....			AMOUNT \$
ESTIMATED FIELD COST..... \$			AMOUNT \$
DATE WORK STARTED <u>9/15/07</u>	JOB TYPE <u>4 1/2 casing</u>	SUB TOTAL	\$
DATE WORK ENDED <u>9/16/07</u>		TAX	\$
		TOTAL	\$

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CONSERVATION DIVISION
WICHITA, KS

x Tom O'Hara
 COMPANY REPRESENTATIVE

DATE 9/16/07

TICKET NO. 000749

JAMES R. HALL

TAX ID # 515-42-9201
SEND INVOICE TO POST OFFICE BOX 66
VALLEY CENTER, KANSAS 67147-0066
PHONE 316-838-2574, MOBILE 316-217-1223

Mr. Florencio Mata, Jr.
Ohio Kentucky Oil Crop.
110 E. Lowry Lane
Lexington, Kentucky 40503
Phone: 859-276-3500

INVOICE: CONSULTING WELLSITE SERVICES FOR:

Vreeland #4 PO # 12108
SW SW SE Sec. 13, Twp 11S, Rg 24W
Trego Co., Kansas

DATE:	COST/DAY	DATE:	COST/DAY
9/11/2007	\$650.00		
9/12/2007	\$650.00		
9/13/2007	\$650.00		
9/14/2007	\$650.00		
9/15/2007	\$650.00		

DAILY COST :	\$3,250.00		\$0.00
REPROD. & MAIL:	\$0.00		
MILAGE:	\$0.00	\$0.60 Per Mile	
MEAL COST:	\$0.00		
CELLUAR COST:	\$0.00	\$0.45 Per Min	Total Min.
MOTEL COST:			
TOTAL EXPENSES:	\$0.00		

TOTAL INVOICE: \$3,250.00

(NET PAYABLE UPON RECEIPT)

INVOICE DATE: 9/15/2007

THANK YOU !!

JAMES R. HALL

