## Kansas Corporation Commission Oil & Gas Conservation Division

Form ACO-1 September 1999 Form Must Be Typed

# WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33657	API No. 15 - 195-22304-00-00
Name: OHIO KENTUCKY OIL CORPORATION	County: Trego
Address: 110 E. Lowry Lane	SE SE _SW _NE _ Sec. 3 Twp. 11s S. R. 24 ☐ East  West
City/State/Zip: Lexington, Kentucky 40503	2800 feet from S/ N (circle one) Line of Section
Purchaser: NCRA	1480 feet from E/ W (circle one) Line of Section
Operator Contact Person: Florencio Mata, Jr.	Footages Calculated from Nearest Outside Section Corner:
Phone: (859) 276-3500	(circle one) NE SE NW SW
Contractor: Name: American Eagle Drilling	Lease Name: Geyer Well #: 2
License: 33493	Field Name: Saline Valley
Wellsite Geologist: Jim Hall	Producing Formation: LANSING/KC
Designate Type of Completion:	Elevation: Ground: 2342 Kelly Bushing: 2349
✓ New Well Re-Entry Workover	Total Depth: 3990 Plug Back Total Depth:
✓ Oil SWD Temp. Abd.	Amount of Surface Pipe Set and Cemented at <sup>219</sup> Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator:	feet depth tosx cmt.
Well Name:	ALTI WHM 8-16-06
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	, and the second
Plug BackPlug Back Total Depth	Chloride content ppm Fluid volume bbls
Commingled Docket No	Dewatering method used
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name:
9-23-05 10-1-05 11-2-05	Lease Name: License No.:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R
Recompletion Date Recompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workove Information of side two of this form will be held confidential for a period of 1	the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, or or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 2 months if requested in writing and submitted with the form (see rule 82-3-and geologist well report shall be attached with this form. ALL CEMENTING Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to regula herein are complete and correct to the best of my knowledge.	te the oil and gas industry have been fully complied with and the statements
Signature: MS Paulde	KCC Office Use ONLY
Title: YURE PYRSICUNT Date 8-10-04	2 Letter of Confidentiality Received
Subscribed and sworn to before me this 10th day of August	If Denied, Yes Date:
20.06	Wireline Log Received 8-14-2004
	Geologist Report Received RECEIVED
Notary Public:	UIC Distribution
Date Commission Expires: 10 - 13 - 09	FOO
	KCC WICH

STRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval stad, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole made and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole stad, time tool open and closed, flowing and shut-in pressures reached static level, hydrostatic pressures, bottom hole stad, time tool open and closed, flowing and shut-in pressures reached static level, hydrostatic pressures, bottom hole stad, and the pressures of the pressures, bottom hole stad, and the pressures and the pressures, bottom hole stad, and the pressures and the pressures, bottom hole stade, and the pressures, bottom hole stad	perator Name: OHIO	KENTUCKY OIL (	ORPORAT	ION	Lease	Name:_G	Seyer	A CONTRACTOR OF THE CONTRACTOR	_ Well #:		
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amplas Sent to Geological Survey	rill Stem Tests Taken (Attach Additional St	neets)	✓ Yes	□No			·	on (Top), Depth a			•
Casing Record   State   Log Run   Log Report all strings set-conductor, surface, intermediate, production, etc.    Purpose of String	amples Sent to Geolo	ogical Survey	☐ Yes	<b>✓</b> No		Nam	е		Тор	Da	tum
CASING RECORD	Cores Taken Electric Log Run (Submit Copy)		-								
CASING RECORD	ist All E. Logs Run:										
Report all strings set-conductor, surface, infermediate, production, etc.  Purpose of String   Size Hole   Size Casing   Drilled   Size Casing   Size   Siz	DIL, DUAL PO	ROSITY, MIC	CRORES	TIVITSI	Ý						
Purpose of String			_								
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Surface 12.25 8.625 20# 219' COMMON 150 3% CALCINA CHLOREE 24 GEL  ADDITIONAL CEMENTING / SQUEEZE RECORD  Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone Prug Off Zone  Shots Per Foot PERFORATION RECORD - Bridge Plugs Sel/Type Specify Footage of Each Interval Perforated  AUG 15% mud acid  TUBING RECORD Size Set At Packer At Liner Run January 20, 2006  Setimated Production, SWD or Enhr. January 20, 2006  Setimated Production Per 24 Hours  Oils Bibls. Gas Mof Water Bibls. Gas-Oil Ratio Gravity Production Interval Production Inter		Drilled	Set (	in O.D.)		Ĭ Ft.				Additives	
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Shots Per Foot Specify Footage of Each Interval Perforated	Perforate Top Bottom Protect Casing Plug Back TD		of opinion and an arrange of								
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Federal Tax	NTING CO., INC. 21422
REMIT TO P.O. BOX 31	SERVICE POINT:
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TOTAL CHARGE

IF PAID IN 30 KCC WICHITA

DISCOUNT

To Allied Cementing Co., Inc.

You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

# ALLIED CEMENTING CO., INC. 21428 Federal Tax I.D.#

REMIT TO P.O. BOX 31

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# OHIO Kentucky Oil Corp 110 E Lowry Lane Lexington, KY 40503

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Geyer # 2 Trego Co sec 3 - Twp 11 - Rng 24

Called out- 0300 - Prepare for longstring

Ordered pipe from Midwestern Pipeworks and cement from Allied.

On location 0500 rig on bottom circulating

Begin laying down drill pipe

Pipe layed down - Nipple up to begin running casing 1115AM

Start new - 51/2" X 15.5# limited service casing in hole with floating equipment as follows,

Guide shoe on bottom of casing - 1' in length

Insert float valve with auto fill in shoe joint collar - Shoe joint length 17.90'

Centralizers on collars 1-3969.10' - 3-3884.06' - 5=3799.07' - 7-3713.95' 9-3628.82' 11-3543.69'

47-2010.77' 49-1923.05' 67-1156.75' Cement Baskets on joints #48-1920.55' and joint #67 - 1156.75' Port collar on top of joint #48 @ 1968.17' Port collar 2.5' in length.

Casing on bottom - Hook up to circulate . 94 Joints

Circulate established when auto fill sheared from float valve - 600#.

Run mud thinner pill and circulate hole for 45 min and reciprocate casing throughout.

Hook to allied cementing to begin cementing process

Plug rat hole with 15 sk 60/40 pozmix with 2% gel, 10% salt 3/4 of 1% CD-1 friction reducer and .25% defoamer.

Hook to 51/2" casing - Run 500 gallons of mud sweep and 160 sks 60/40 poz with 2%gel, 10% salt, .75% CD-31 and .25% defoamer

Wash out pump and lines and release 5 wiper plug. Start displacement - 7 BMP - Reciprocate casing Finish displacement - 94.5 BBLS - Land plug @ 1500 psi.

Release psi and float held. - Set casing slips

JOB Complete

Ran 94 Joints 51/2" casing 3977.38' + 1.00' Guide shoe and 2.5' for Port collar, for total of 3980.88' plus 7' of landing joint - Pipe set @ 3987.88 2' off bottom. Plug @ 3968.98'.

Respectively Submitted

Terry O Garrison

Jeny O. Larison 785-421-4240

Hill City, Ks 67642

P.O. BOX 5

#### OHIO KENTUCKY OIL CORP

Geyer #2 Trego Co. Ks Completion

> Geyer # 2 Page 1

#### Tuesday October 25, 2005

Move from Geyer #1 to Geyer #2 and Rig up Chitos Well Service

## Wednesday October 26, 2005

Rig up Log - Tech to run bond log and correlation log Swab well down to 3000'to perforate - Thru casing

5 1/2" X 15.5 # New Limited Service Casing

Go in hole with Log-Tech and perforate from 3761'-64' & 3770'-76' with 4 shots ft.

Rig up to run packer and tubing to isolate perts

Run x-pert services 5 ½ " packer and 2 3/8/" X 4.7#/ft Limited service tubing and set packer @ 3745.65' Rig up to Swab

Fluid Level 2900' Pulled from seat nipple 845'

2<sup>nd</sup> Pull - 25' - Scum of oil on top

3<sup>rd</sup> Pull - 50' - Scum of oil on top

15 Min test - 100' Fluid - 15% Oil 85% Water

15 Min test - 75' Fluid - 20% Oil 80% Water

15 Min Test - 75' Fluid - 19% Oil 81% Water

15 Min Test - 90' Fluid - 17% Oil 83% Water

Recovered 4.18 BBLS During test

Shut down for night

#### Thursday October 27, 2005

Tank Gauge - 6'8"

Fluid Level - 2200'From Surface - 1st pull 300' oil 700' water

2<sup>nd</sup> Pull 500' water with scum

3<sup>rd</sup> Pull 25' No sample

4th pull 25' Scum of oil

5th Pull - 1 Hour test - 150' Fluid 35% Oil 65% Water - 1.67 BBL

6th Pull - 1 Hour Test - 150' Fluid 28.5% Oil 71.5% Water

Release Pkr Run to 3776'

Check Fluid level in tubing

Spot 3 BBL 15% MCA Acid (Mud Acid)

Reset PKR @ 3745'

Load Hole - 4BBL Acid (300 Gal. Total) Plus 8BBL 2% KCL Water

Psi - 200# - Slow bleed off

Psi - 300# - 1 ½/BBL Acid in formation - Staged the rest of acid into formation not exceeding 300 Psi

ISIP 300 Psi - Total Load 7BBL Acid - 15BBL Disp. # 22BBLS

On Slight Vacuum in 8 Min.

Wait 15 Min - Begin Swab Down

Made 5 Pulls and started seeing color

1st Cut - 31% oil 69% Water

2<sup>nd</sup> Cut - 29% Oil 71% Water

1 Hour test - 1<sup>st</sup> Pull - 63% Oil - 3<sup>rd</sup> Pull 78% Oil - 4<sup>th</sup> Pull 100% oil - 5<sup>th</sup> Pull 73% Oil - 6th Pull End of hour

test - 5.81 BBLS

Begin ½ Hour test

1st Pull 81% Oil 19% Water

2<sup>nd</sup> Pull 75% Oil - 25% Water

 $3^{rd}$  Pull of ½ Hr test - 59.5 % Oil 40.5% Water

Recovered 3.48 BBL in ½/ Hour test

Shut down for Darkness

#### Friday October 25, 2005

Ck fluid level - 1800' from surface - 250' oil - 750' water

2<sup>nd</sup> Pull - 2600' From surface - pulled 1050' No cut

3<sup>rd</sup> Pull - 3300 to seat nipple - 28.5% Oil - 77.5 Water

Swab down 10.44 BBLS

1 Hour test - 1st Pull - 35% Oil - 2nd Pull 46.5% Oil

3<sup>rd</sup> Pull - 46.5% Oil - 4<sup>th</sup> Pull - 44% Oil - 5<sup>th</sup> Pull - 61% Oil

End Hour test 6.26 BBLS

2<sup>nd</sup> Hour test - 1<sup>st</sup> Pull - 62% - 3<sup>rd</sup> Pull 58% oil

5<sup>th</sup> Pull 56% Oil

End 2 hour test - 5.01 BBL Total fluid 6 Pulls

3<sup>rd</sup> Hour test - 1 Pull - 45% Oil - 3<sup>rd</sup> Pull 40% Oil 5<sup>th</sup> Pull 48% Oil

End 3<sup>rd</sup> hour 3.34 BBL Recovered 6 Pulls

Shut down for lunch

4<sup>th</sup> Hour test - 1<sup>st</sup> pull - 32 % Oil - 3<sup>rd</sup> Pull - 28% - 5<sup>th</sup> Pull 35% Oil - 7<sup>th</sup> Pull 22% Oil 8 Pulls total

End 4th hour test - 4.64BBL Recovered

6<sup>th</sup> Hour test - 2<sup>nd</sup> Pull 39% Oil - 4<sup>th</sup> pull - 27% Oil

6<sup>th</sup> Pull 35% Oil - 6 Pulls 4.59 BBL End Hour

Drain swab tank of water

7<sup>th</sup> Hour test - 2<sup>nd</sup> Pull - 25% Oil - 4the Pull 27% Oil

6 Pull - 27% Oil

End Hour Test 6 Pull 4.59 BBLS

Shut down for night

## Monday October 31, 2005

Fluid level 1600' From surface 500' Oil - 400' Water

2<sup>nd</sup> Pull water with scum of oil

3<sup>rd</sup> Pull 13% oil

5<sup>th</sup> Pull - Hour test 13.78 BBL

1<sup>st</sup> Hour test - 1<sup>st</sup> pull 29.7% Oil - 3<sup>rd</sup> Pull - 36% Oil

5<sup>th</sup> Pull - 33% Oil

Hour test complete - 5.43 BBL

2<sup>nd</sup> Hour - 2<sup>nd</sup> Pull 32% Oil - 4<sup>th</sup> Pull - 39% Oil - 6<sup>th</sup> Pull 37% Oil

Finish hour 5.845 BBL

3<sup>rd</sup> Hour test - 1<sup>st</sup> Pull 21% - 3 pull 40% Oil

5<sup>th</sup> Pull - 20% oil

Finish Test - 3.34 BBL

Well Swabbing down to 150-175' / Pull

Shut down at noon because of mud and couldn't get acid trucks on location.

# Tuesday November 1, 2005

Swab Down - Fluid 1800' from surface - 350' Oil - 750' Water 1st pull 3rd Pull 28% oil

Swab down 12.53 BBL

Hook LK Acid to 2 3/8" Tubing - Treat with 750 Gal. 15% N.E. Acid

Hole loaded 4 BBL over tubing & Casing capacity

Treat @ .6BPM @ 400 Psi

21 BBL Pumped @ .6BPM 500PSI -

22.5 Pumped @ .6BPM 650PSI - 33.5 BBL Pumped 650# .6 BPM

39 BBL Pumped 700 PSI .6BPM

Displacement in 18 BBL - Acid 18 BBL = 36BBL Total Load

4 1/2 BBL over displacement

ISIP - 550 PSI. on vacume in 16 min

Wait 30 min - begin swabbing

Swab down to seat nipple 24.22 BBLS

1 Hour test - 1<sup>st</sup> 4 pulls 100% water

1<sup>st</sup> hour recovered 24.22 BBL

 $2^{nd}$  Hour test -  $2^{nd}$  Pull - 17% oil -  $4^{th}$  Pull - 14% Oil

Shut down for lunch - Wait on fuel

Begin Swabbing - Fluid level 900' from surface

1st Pull - 13% Oil

Shut down - Drain water off tank

Hour test - 6 Pulls - Oil cut 2 pull - 4 ½ % Oil

4th Pull - 12.5% Oil - 6 Pull - 13% Oil

Recovered 14.2 BBL in hour  $2^{\rm nd}$  Hour -  $2^{\rm nd}$  pull - 12.5% Oil -  $4^{\rm th}$  Pull 13.6% Oil 6<sup>th</sup> Pull - 13.6% Oil Recovered 26.72 BBLS in hour 6 - Pulls Shut down for night Decided to put on pump

#### Wednesday November 2, 2005

Ck Fluid Level - 1700' from surface - 200' oil - 900' Water

Release packer - pull pkr out of hole

Packer out - 1000 rig up to run production string

Start tubing 2 3/8" with 15.20' Slotted mud anchor, seat nipple 1:10" in length on top of mud anchor and tubing Anchor 4 jts up @ 3699.61 and 122 joints of tubing seat nipple @ 3808.12 - BTM of mud anchor @ 3820.42 Set tubing anchor @ 15,000# overstring wt.

Rig up to run pump and rods

Pump 2X1 1/2 X 12 Harbism Fischer HF222E12 W/ 5' Gas anchor

Run new 3/4" rod 151 Rods and 8',6',4' Pony Rods

16' Polish rod and liner

Seat pump and ck for blow - OK

Well Hung on 1530Hrs

Rig down - Move to Geyer#3

Job Complete

Respectively Submitted

Terry O. Garrison July O. Harrison