



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1294591
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

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

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., 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 Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ 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

(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 #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that 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.

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1294591

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input 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

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				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

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
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Date of First, Resumed 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> _____
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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BILL BOWMAN OIL CO. THE
NATOMA KS 67651-8816

#1 KOELLING OWWO
SE SE SE
KANSAS

City: OSBORNE
Site: 1/2 S & 2-1/2 E OF NATOMA KS
Lat/Long: 39.17742 -98.97457
FR: 05/22/2012 Spd: 06/12/2012 Dtg Cp: 06/12/2012 Issued: Revised:

Contact: WILLIAM F BOWMAN, 2640 W RD, NATOMA
KS 67651-8816, 785-885-4830

IP Status:
OIL, P 4.88 BOPD & WTR, SHAW 2958-2961, CONG
3406-3426 OA, 7/16/2012

Contr: UNKNOWN
Geol: NONE
Elev: 1888 KB, 1883 GL, 1885 DF

Formation Tops: (L-Log, S-Sample, D-Driller)
L ANH 1042 +846
D B/ANH 1075 +813
L HEEB 2996 -1108
L TOR 3017 -1129
L LANS 3046 -1158
L CONG 3408 -1520
L P8TD 3435 -1547
L SIMP 3467 -1579
LTD OLD 3468 -1580
RTD OLD 3470 -1582

NO CORES
DST11 3050-3085 (LKC) 60-20-0, FB, REC 90' V
SLI OCM, REMARK: FP NA ISIP 870#

DST12 3100-3140 (LKC) 60-20-0, SB
THRU-OUT, REC 930' TF: 120' GSY V SLI OCM,
780' GSY MDY OIL, 30' OIL & MDY OIL ISIP 1100#

IFP 280#
DST13 3241-3249 (LKC) 60-20-0, WB, REC 30'
SLI OCMW ISIP 0# IFP 0#

Well Record: ANDERSON-RICHARD OIL CORP,
#1 SCHLOH, SPD 04/27/1952, DC 05/08/1952,
CONG 3406-3426 OA, 6/11/1952(CARD ISSUED
06/13/1952)
Contr: PEEL DRILLING, GLENN W.
COMMENT: WAS TEMP API 15-10G-57865

BILL BOWMAN OIL CO. THE
NATOMA KS 67651-8816

#1 KOELLING OWWO
SE SE SE
KANSAS

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Side 2

DST14 3399-3425 (CONG) 60-20-0, WB, REC
115 OCM, REMARK: FP NA ISIP 770#

Comp Info: MICT - CO TO 3435, PF (CONG)
3406-3412, W/4 SPF, BAIL 17 GOPH & TRW,
NAT, PF (CONG) 3420-3426, W/4 SPF, GSO, NAT,
PF (CONG) 3414-3420, W/2.5 SPF, BAIL 35 GOPH
& TR W/7 HRS, SET RETRV PKR AT 3360 TO
ISOLATE ZNS (3406-3426 OA) & BRKDOWN
W/1500 GAL GEL-X-500 & LEASE CRUDE, MAX
TP 2400#, MIN TP 1000#, SWB 110 B LD & GEL,
SWB 26 B LD/20 HRS, REC 100 BO & 5% W,
SWB 4.5 BOPH/LAST 12 HRS OF TEST, POP, P
118 BO & 18% W/1ST 24 HRS, IFP 93 BO & 10
BOPD, 6/11/1952; UPDATE - PROD THRU EARLY
2012 (WELL NOT PLUGGED)

New Info:
Well Record: FR 05/22/2012, REWORKED
06/12/2012, DC 06/12/2012

Comp Info: MICT - CO, PF (TOP) 2958-2961, AC
250 GAL (15% MCA) & SW FLUSH, SWB LD, SO
POP, IFP 4.88 BOPD & WTR, RESUMED PROD
7/16/2012, COMMINGLED WITH OLD PAY (CONG
3406-3426 OA)

WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY
503 East Murdock, Wichita, Kansas

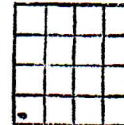
15-41-0052

Company. ANDERSON-PRICHARD OIL CORP.
Farm. Schbh No. 1

SEC. 15 T. 10 R. 15W
SE SE SE

Total Depth. 3470
Comm. 4-27-52 Comp. 5-8-52
Shot or Treated.
Contractor. Glenn W. Peel
Issued. 6-28-52

County Osborne
KANSAS



Elevation. 1888 R.B.
1885 (M)
Production. 93 BO & 10 wtr.

Figures Indicate Bottom of Formations.

surface clay & shale	199
shale	305
shale & sand	775
sand	810
shale	1035
anhyd.	1075
shale	1655
lime	2125
lime & shale	2860
lime	3400
lime & congl.	3425
lime	3470 RTD
Total Depth	

Tops:	
Anhyd.	1042
Heebner	2996
Toronto	3017
Lansing	3046
Congl.	3408
Simpson	3467

D.S.T. 3050-85, op. 1 hr., fair blow,
rec. 90' very slightly oil cut mud.
BHP 870#.

D.S.T. 2 3100-40, op. 1 hr., strong
blow throughout rec. 120' gassy very
slightly oil cut mud, and 30' oil
and muddy oil, 780' gassy muddy oil,
total fillup 930' BHP 1100#, FP 280#.

D.S.T. 3: 3241-49 op. 1 hr., weak blow, rec.
30' watery mud slightly oil cut, BHP 0.

D.S.T. 4: 3399-3425, op. 1 hr., weak
low rec. 115' oil cut mud, BHP 770#.

P. 118 to 18% wtr/20 hrs. 13-38" SPM

P 58 BO / 14 1/2 BW/16 hrs. 13-24" SPM

P 63 BO & 16 BW/18 hrs. 12-34" SPM

P. 74 BO & 14 BW/16hrs. 13-38" SPM

P 73 BO & 14 BW/24 hrs. 13-38" SPM

1 1/2" 3469

MI & rig ed up CT, swb. mud drld. com.
& CO to 3435. Perf. 3406-12 w/4 shaped
charges per ft., 1 hr. bail test-17 GOPH
w/tr. wtr.; perf. 3420-26' w/4 shaped
charges per ft. re-perf. 3420-26 w/4 shaped
charges per ft. re-perf. 3420-26 w/4 shaped
charges per ft. re-pref. 3414-20 w/2 1/2
shaped charges per ft., 7 hrs. bail.
re-perf.

35 GOPH w/ tr. wtr. Ran tubing & treated
w/packer retrievable packer set @ 3360 Treated
perfs. 3406-12 & 3414-26 w/1500 gals.
Gel-X-500, Gel-X-500 broke down w/oil
max press. 2400# mi. press. 1000#
pulled tubing & rods, swab 110B load
oil & Gel, swb. 26 B load, 20 hrs. 100 BO
1/2 5% wtr. Swb. rate of 4 1/2 BOPH for last
12 hrs. RT&R.