



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
- Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_
- 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

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total 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 #: \_\_\_\_\_

**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.

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

- Letter of Confidentiality Received  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1044902

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**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 complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  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
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ 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:  Yes  No

Date of First, Resumed Production, SWD or ENHR. \_\_\_\_\_ Producing Method:  
 Flowing    Pumping    Gas Lift    Other *(Explain)* \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Liner & Tubing detail for Patterson Unit #6-5:

05/Oct./2010

9/15/2010: Welded in 800' of 3½", 7.58# liner pipe, ID – 3.068", 3½" to 4½" swedge, and 4½" 10.5# csg w/turned down collars back to surface. Ran liner to 4822' & cemented w/100 sx 60/40 POZ w/4% gel, ¾% friction reducer & ½# fluid loss.

9/22/2010: Ran cement bond log. TD @ 4822' KB, top of 3 ½" liner @ 4023', TOC 940'. Cement bond behind 3 ½" liner is good.

9/24/2010: Perforated Morrow 4,768' – 4,778' 4 SPF with strip gun. Acidized 4765 – 78 with 1000 gals 10% NE-FE HCL.

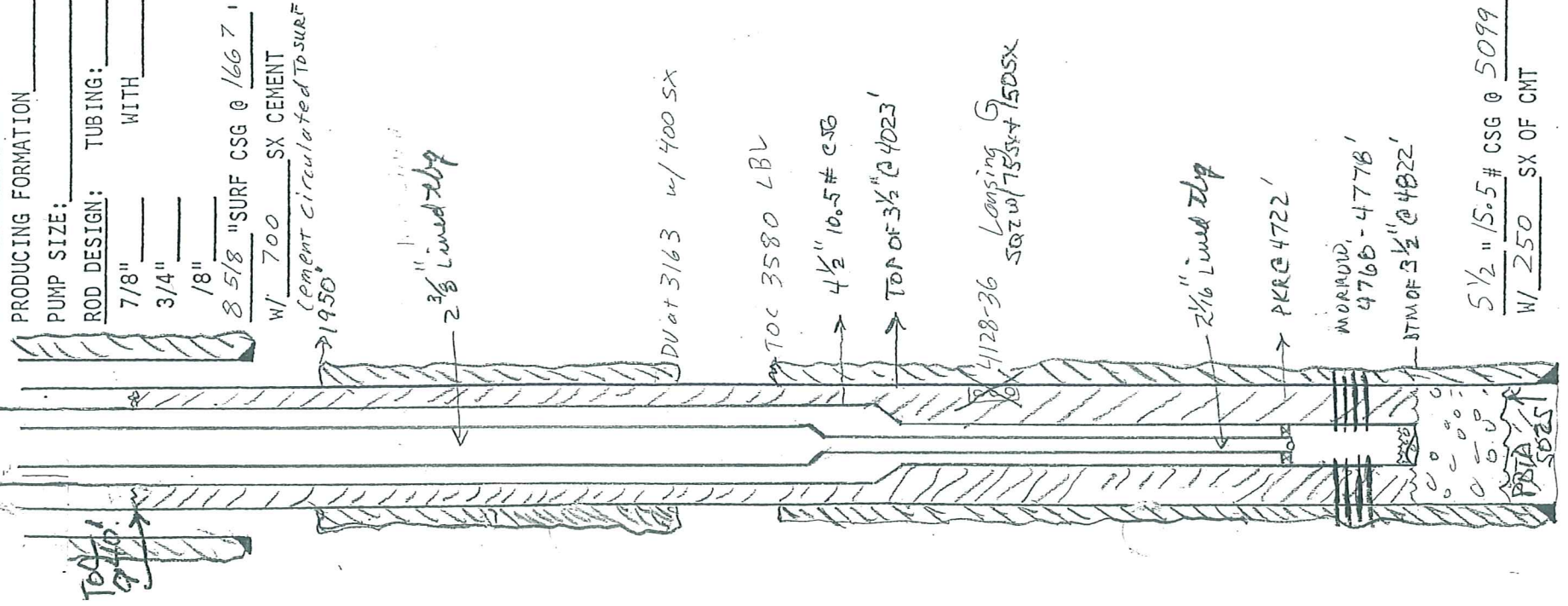
10/01/2010: Ran 3½" Arrow set-1 nickel plated pkr, 2 1/16" changeover, 28 jts seal-tite lined 2 1/16" tbg (903'), 2 1/16" x 2 3/8" changeover, 150 jts 2 3/8" seal-tite lined tbg. Set pkr @4722'. Loaded annulus w/50 bbls pkr fluid. Tested annulus to 300#, held OK. Wait on KCC approval to begin injection.

API: 15-093-21121-0001  
 1485' FSC, 2145' FEL

LEASE Patterson Unit (Tenso #1 sud) WELL NO. 6-5  
 LOCATION SE-Sunrise 5-23-37 COUNTY Keary STATE KS  
 OPERATOR Patterson FIELD Patterson  
 ELEVATION: GR \_\_\_\_\_ DF \_\_\_\_\_ KB 3308  
 DATE DRILLED 10/90 ZERO MEASUREMENT \_\_\_\_\_

PRODUCING FORMATION \_\_\_\_\_ SET AT \_\_\_\_\_ FEET  
 PUMP SIZE: \_\_\_\_\_ TUBING: \_\_\_\_\_ JTS OF \_\_\_\_\_ TBG  
 ROD DESIGN: \_\_\_\_\_ WITH \_\_\_\_\_ 'M.A. SET @ \_\_\_\_\_

1/91 Drill out to 5025, test casing to 1000# - OK. Perf Lansing G 4128-36  
 Acidize w/ 2500 gal 20% NE w/ ball sealers  
 JFH w/ tubing & packer at 4088 (2 3/8" tubing)  
 MIT to 500#  
 Permitted for 1000 BWPD at 800 PSI max  
 1194 Acidize w/ 750 gal 15%  
 5195 Acidize w/ 750 gal 15%  
 7/16-10.5/16 SQ 4128-36 w/ 755x com. DOC thru 502 but  
 then hit hard shale in cap below 4136. Took 17 days  
 to drill 4200-4879. Ream 4128-36 w/ 150SX - did not  
 get API. DOC & scale 4871. Took 21 days. Sumect  
 treatment on perforations. Got full well flow. No  
 Perm 3000 @ 3 1/2" 7.50# 3.000 in line. Ream from 4000 to 4023  
 + 4 1/2" 10.5# cap w/ alum and collars. Perm 2000 @ 3 1/2"  
 to 4822' KA. Cemented w/ 100% 60/40 2 1/2" 4000 @ 4023. COM  
 CEMENT TO cementing + new 90' 4" 4023.  
 DOC in line to 4829' KB. Perm bond log 1000-940.  
 TD on log @ 4822' 7048 3 1/2" @ 4023'. Perm Morrow  
 4768-4778' KA 4.5# 15.00 1000 @ 4023. 128000 1000'  
 1514-1000# 2 min on UOZ. Perm around 507-1 3/8" 1000'  
 2024 (903') 2 1/2" 500' TD lined by 150' 2 3/8" and  
 tube lined 219'. Set 7-11 @ 4722" MIT 500#.



DST #1 Morrow 15'M, 228# - test missed sand - too high  
 DST #2 Morrow 30'M, 637' W, 424#  
 [had 12' Morrow sand, but wet]

5 1/2" 15.5# CSG @ 5099  
 W/ 250 SX OF CMT

REMIT TO P.O. BOX 31  
 RUSSELL, KANSAS 67665

SERVICE POINT:  
Cooley

DATE	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
9-15-10	5	23S	37W			1:00 Am	1:30 Am
LEASE	WELL #	LOCATION				COUNTY	STATE
Patterson	6-5	L4517		DAN 7W		Neerly	Ks
OLD OR NEW (Circle one)				OWNER			
NEW				Some			

CONTRACTOR Berexco  
 TYPE OF JOB Liner  
 HOLE SIZE 3 1/2 T.D. 4825'  
 CASING SIZE 4 1/2 DEPTH 4825'  
 TUBING SIZE 800' DEPTH 4005'  
 DRILL PIPE DEPTH 100'  
 TOOL DEPTH 70 BBL  
 PRES. MAX. SHOE JOINT  
 MEAS. LINE  
 CEMENT LEFT IN CSG. 100'  
 PERFS.  
 DISPLACEMENT 70 BBL  
 EQUIPMENT  
 PUMP TRUCK CEMENTER Andrew  
 # 423-281 HELPER Lorene  
 BULK TRUCK DRIVER Bradon  
 # 323  
 BULK TRUCK DRIVER  
 #

CEMENT  
 AMOUNT ORDERED 150 sks 69% 48 gal  
380 CD-31 .39% FL-10 debrum  
used 100sks  
 COMMON 60 sks @ 15.45 927.00  
 POZMIX 40 sks @ 8.00 320.00  
 GBL 3 sks @ 20.80 62.40  
 CHLORIDE  
 ASC  
CD-31 26# @ 9.35 243.10  
FL-160 21# @ 13.30 279.30  
Deformer 25# @ 8.90 222.50  
 HANDLING 154 sks @ 2.10 323.40  
 MILEAGE 10# sk/mile @ 270.00  
 TOTAL 3710.40

REMARKS:  
800' 3 1/2 9.8# 4025' 4 1/2 1025#  
take in section rate 1 1/2 BBL/min  
1500# mix 100 sks @ 10 gal  
1700# final lift pressure skid  
in at 1400# - no returns  
thru out Trib  
Thank you

DEPTH OF JOB 4825'  
 PUMP TRUCK CHARGE  
 EXTRA FOOTAGE  
 MILEAGE 50 miles @ 7.00 350.00  
 MANIFOLD  
 TOTAL 1535.00

CHARGE TO: Berexco  
 STREET  
 CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

TOTAL CHARGES  
 DISCOUNT  
 SALES TAX (IF ANY)  
 TOTAL

To Allied Cementing Co., LLC.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) 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 and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME \_\_\_\_\_ IF PAID IN 30 DAYS  
 SIGNATURE [Signature]  
 TOTAL CHARGES \_\_\_\_\_  
 DISCOUNT \_\_\_\_\_  
 SALES TAX (IF ANY) \_\_\_\_\_  
 TOTAL \_\_\_\_\_