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KCC WICHITA

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

OPERATOR: License # 33851
Name: ONEOK FIELD SERVICES COMPANY
Address 1: PO BOX 871
Address 2: _____
City: TULSA State: OK Zip: 74102 + 0871
Contact Person: OLAJUMOKE COKER
Phone: (918) 576-9470
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: CONTINENTAL OIL CO
Well Name: J. BREHM NO 2

Original Comp. Date: 11/30/1961 Original Total Depth: 4486'

- 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 #: _____

<u>5/6/1982</u>	<u>12/15/1961</u>
Spud Date or Recompletion Date	Date Reached TD Completion Date or Recompletion Date

API No. 15 - 151-05106-00-01

Spot Description: _____
SW SW SW Sec. 23 Twp. 28 S. R. 13 East West
300 Feet from North / South Line of Section
4,890 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW

County: PRATT

Lease Name: JJ BREHM Well #: 2

Field Name: BREHM

Producing Formation: SIMPSON

Elevation: Ground: 1941.5 Kelly Bushing: 1950

Total Depth: 4486 Plug Back Total Depth: 4252

Amount of Surface Pipe Set and Cemented at: 924 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.

Signature: J. Coker
Title: RESERVOIR ENGINEER Date: 08/22/2012

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: SB Date: 8-27-12

Operator Name: ONEOK FIELD SERVICES COMPANY Lease Name: JJ BREHM Well #: 2
 Sec. 23 Twp. 28 S. R. 13 East West County: PRATT

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
SURFACE		10.75	32.75	924'		480	
PRODUCTION		5.5	14	4486'		300	

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
?SPF	4228-4241' (SIMPSON SAND)		
	5-1/2" CIBP AT 4252' TO ISOLATE ARBUCKLE		

TUBING RECORD:		Size: <u>2-3/3"</u>	Set At: <u>4195'</u>	Packer At: <u>4195'</u>	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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 (Explain) _____			
Estimated Production Per 24 Hours	Oil Bbls. NA	Gas Mcf NA	Water Bbls. NA	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-3)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY
508 East Murdoch, Wichita, Kansas

COPY

17101

Company- CONTINENTAL OIL CO.
Farm- J. Brehm No. 2

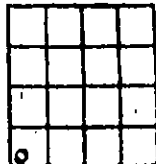
SEC. 23 T. 28 R.13W
SW SW SW

Total Depth. 4486'
Comm. 11-4-61
Shot or Treated.

Comp. 11-30-61

County, Pratt
KANSAS

Contractor. Peel Brothers, Inc.
Issued. 3-3-62



CASINO:
10 3/4" 924' cem.
5 1/2" 4485' cem.

Elevation. 1950' RB

Production. 156 BOPD &
23,000 CFG

Figures indicate Bottom of Formations.

surface clay & shale 40
sand & shale 400
red bed 735
Anhydrite 765
shale 835
shale & lime 1535
shale 1830
lime & shale 2095
lime 2105
lime & shale 2940
lime 3654
shale & sand 3692
lime 3715
shale & lime 3790
lime 4221
lime & shale 4230
Core 4254
lime & shale 4270
lime 4299
sand & lime 4375
lime 4486
Total Depth

TOPS: SCOUT
Heebner 3613
Toronto 3624
Douglas 3654
Douglas Sand 3668
Brown Lime 3790
Lansing 3800
Simpson 4224
Arbuckle 4290

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THE KANSAS POWER & LIGHT CO. 23-28-13W
818 KANSAS AVE. #2 J. J. BREHM "OWWO" SW SW SW

TOPEKA, KS. 66612
CONTR. PRATT WELL SERVICE CTY. PRATT

GEOL. FIELD BREHM

ELY 1950 KB SPD 5/6/82 CARD ISSUED 12/30/82 GAS STORAGE WELL
SIMP 4219-4224

API NOT ASSIGNED

SMP	Top	Depth Bottom
HEEB		3613-1663
TOR		3624-1674
DOUG SH		3654-1704
DOUG SD		3668-1718
BR LM		3790-1840
LANS		3808-1858
SIMP		4219-2269
ARB		4290-2340
TD		4486-2536

OLD INFO: OPERATOR WAS CONTINENTAL OIL COMPANY. #2 J. BREHM, SPD NA, SET 10" 929, 5" 4486, COMP. AS F 156 BO & 23 MCFGPD / ARB 4422-4432 12/15 61. CONTR: PEEL BROTHERS
DST (1) 3650-3692 (DOUG) / OP 60", REC 330' SO & GCM, SIP 735-425#
DST (2) 3934-3961 (LKC) / OP 60", REC 589' SGC SW, SIP 1430-1350#
DST (3) 4420-4440 (ARB) / OP 46", GTS 4", FLO OIL 17", REC 111 BO, NW, SIP 1470-1450#
DST (4) 4440-4452 (ARB) / OP 60", 150' GIP, REC 210' O. G & WCM, SIP 1445-1420#
DST (5) 4452-4464 (ARB) / OP 60", REC 45' N, SIP 140-110#
DST (6) 4464-4476 (ARB) / OP 60", 3465' GIP, REC 160' G & MCO, 250' SW, SIP 1455-1290#
MICT - CO, PF (ARB) 20 / 4422-4432, AC 500G, FLO 25 BO / 2 HRS, SI F 156 BOPD & 23 MCFGPD

THE KANSAS POWER & LIGHT CO. #2 J. J. BREHM "OWWO" 23-28-13W
SW SW SW

NEW INFO: RE-ENTERED 5/6/82, WSH DOWN TO DTD, PROD CSG ALREADY IN HOLE, MICT - CO, PF (SIMP) 4219-4224, AC 1000G (15%), SET 2-7/8 & 4190

Copy



CONTINENTAL OIL CO

#2 J BREHM

28-13W

1961

Contr. PEEL BROS PRATT County

E 1950 RB Comm. Comp. 12-15-61 IP 156 BOPD & 23,000 CFG/ARB

Tops	Depth	Datum
HEEB	3613	-1663
TOR	3624	-1674
DOUG SH	3654	-1704
DOUG SND	3668	-1718
BR LM	3790	-1840
LANS	3808	-1858
SIMP	4224	-2274
ARB	4290	-2340
TD	4486	-2536

Casing
 10" 929
 5" 4486
 DST 3650-92/1 HR, 330' SL O & GCM, BHP 735-425#
 DST 3934-6 1/1 HR, 589' SL GC SW, BHP 1430-1350#
 DST 4420-40/146", G/4", FLO O/17", III BO, NW, BHP 1470-1450#
 DST 4440-52/1 HR, 150' GIP, 210' O, G & WCM, BHP 1445-1420#
 DST 4452-64/1 HR, 45' M, BHP 140-110#
 DST 4464-76/1 HR, 3465' GIP, 160' G & MCO, 250' SW, BHP 1455-1290#

BREHM POOL

+	+	+
+	+	+
+	+	+

PERF 20/4422-32: ACID 500 Arb
FLO 25 BO/2 HRS

OWLL

INDEPENDENT OIL & GAS SERVICE
WICHITA, KANSAS

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