

FOR MUST BE TYPED

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

OPERATOR: License # 5364
Name: BEREN Co.
Address 100 N. Broadway
Suite 970
City/State/Zip Wichita, KS 67202

Purchaser: _____

Operator Contact Person: Gary Misak

Phone (316) 265-3311

Contractor: BEREXCO Inc.

License: 5363

Wellsite Geologist: _____

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SIOW Temp. Abbr.
 Gas EHHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry; oil well info as follows:

Operator: BEREN Co.

Well Name: VERNON (OWWO) #1

Comp. Date Old Total Depth 3560'

Deepening Re-Perf Conv. to Inj/SWD
 Plug Back 34,54 PBDT
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. D-27,448

11-27-37 12-23-37 6/03/99
Spud Date Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas, 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-2-130, 82-3-106 and 82-3-107 apply. Information on 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 with all plugged well. 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 Gary Misak

Title District Engineer Date 6/14/99

Subscribed and sworn to before me this 15th day of June 19 99.

Notary Public Diana E Plotner

Date Commission Expires 8-10-99

DIANA E PLOTNER
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 8-10-99

SIDE ONE

API No. 15-009-30882 - ~~0003~~ 00-06 KCC
ORIGINAL ^{apb}

API NO. 15- 5/67 Washdown

County Barton

 - NW - NW - SW Sec 19 Twp 18S Rge 15 X E W

2310 Feet from (S)N (circle one) Line of Section

4950 Feet from (E)W (circle one) Line of Section

Footages Calculated from Nearest Outside section Corner:
NE (SE) NW, or SW (circle one)

Lease Name Vernon (OWWO) Well # 1

Field Name Otis-Albert

Producing Formation Herrington-Krider

Elevation: Ground: 1927 KB: 1932

Total Depth 3560' PBDT 3454'

Amount of Surface Pipe Set and Cemented at 222 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 1796-1866 w/200sxs Feet

If Alternate II completion, cement circulated from 10 3/4 - 0'

Feet depth to 933' w/ ? sx. cmt.

Drilling Fluid Management Plan OWWO, 6-30-99 Use.
(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 _____

Quarter _____ Sec _____ Twp _____ Rge _____ E/W

County _____ Docket No. _____

K.C.C. OFFICE USE ONLY
F _____ Letter of Confidentiality Attached
C _____ Wireline Log Received
C _____ Geologist Report Received
Distribution
 KCC _____ SWD/Rep _____ NGPA
 KGS _____ Plug _____ Other
(Specify)

Form ACO-1 (7-91)

Ⓟ

X

Operator Name BEREN Co.
 Sec 19 Twp 18S Rge 15 East West

Lease Name Vernon (OWWO) Well # 1
 County Barton

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressure, whether shut-in pressure reached static level, hydrostatic pressure, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
 (Attach Additional Sheets.)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy.)

List All E. Logs Run:

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Anhydrite	930'	
Neva	2300'	
Topeka	2910'	
LKC	3230'	
Reagon	3468'	

RECEIVED
 STATE COMMISSION
 JUN 16 1997

CASING RECORD
 New Used
 CONSERVATION DIVISION
 Wichita, Kansas

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
Conductor		15 1/2"		222'			
Surface		10 3/4"		933'			
Production		7"		3534'			

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				
<input type="checkbox"/> Remedial				

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 SPF	LKC "G" (3295-3308)	1000 gals 15% NeFe	
4 SPF	LKC "H" (3347-55)	1000 gals 15% NeFe	
4 SPF	LKC "L" (3422-30)	1000 gals 15% NeFe	

TUBING RECORD	Size Set At	Packer At	Liner Run
	2 3/8"	3162'	<input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production (SWD) or Inj	Producing Method		
	<input type="checkbox"/> Flowing	<input checked="" type="checkbox"/> Pumping	<input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
Estimate Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls
		34	20
			Gas-Oil Ratio
			Gravity

METHOD OF COMPLETION

Disposition of Gas: Vented Sold Used on Lease

Open Hole Perf Dually Comp Commingled

Other (Specify) Shallow gas, deep disposed

Production Interval
1813-1834
3210-3453