

SIDE ONE

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

Operator: License # 3900
Name World Unlad, Inc.
Address 670 Main Street, 4th Floor
City/State/Zip Willimantic, CT 06226

Purchaser.....

Operator Contact Person Stewart Kowalski
Phone 316-265-9311

Contractor: License # 5107
Name H-30, Inc.

Wellsite Geologist Terry McLeod
Phone (316) 263-2043

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If **OWNO**: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth.....

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
10-4-88 10-13-88 10-13-88
Spud Date Date Reached TD Completion Date
4695'
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 308 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set.....feet
If alternate 2 completion, cement circulated
from.....feet depth to.....w/.....SX cmt
Cement Company Name
Invoice #
Al D D&P

API NO. 15-109-20,464-00-00
County Logan
SE SE SE Sec 2 Twp 11S Rge 32 East
..... West

330 Ft North from Southeast Corner of Section
330 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name World I - The Great Ben Well # 1

Field Name Wildcat

Producing Formation D&A

Elevation: Ground 3046' 3051'

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CONSERVATION DIVISION
Wichita, Kansas

Section Plat

Section Plat grid with elevations: 5280, 4950, 4620, 4290, 3960, 3630, 3300, 2970, 2640, 2310, 1980, 1650, 1320, 990, 660, 330

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit # None required

Groundwater.....Ft North from Southeast Corner
(Well)Ft West from Southeast Corner of
Sec Twp Rge East West

Surface Water.....Ft North from Southeast Corner
(Stream, pond etc).....Ft West from Southeast Corner
Sec Twp Rge East West

Other (explain) Purchased from landowner's small pond
(purchased from city, R.W.D. #)

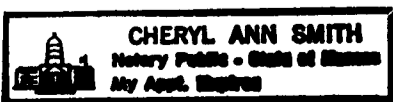
INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply.

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 drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. 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 *Stewart Kowalski*
Title Resident Agent Date

Subscribed and sworn to before me this 2nd day of November 1988
Notary Public *Cheryl Ann Smith*
Date Commission Expires 10/25/89



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Time Log Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)
11-3-88 4

Sec. 2, Twp. 11, Rge. 32E

Operator Name World Unlad, Inc. Lease Name World J. - The Great Ben. Well #.....

Sec. 2 Twp. 11S Rge. 32 East West County Logan

WELL LOG

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 pressures, whether shut-in pressure reached static level, hydrostatic pressures, 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
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

See Attached Sheet for Geologic and DST information

Name	Top	Bottom
Sand, Shale and Shells	0	314'
Shale and Shells	314'	1,661'
Shale and Lime	1,661'	1,783'
Lime and Shale	1,783'	2,149'
Shale and Lime	2,149'	2,570'
Lime and Shale	2,570'	4,695'
Rotary Total Depth		4,695'

CASING RECORD <input checked="" 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	12-1/4"	8-5/8"	20#	308'	60/40 Poz	195	3% cc. 2% ge

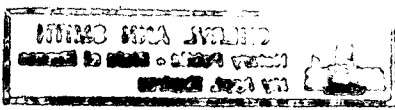
PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth

TUBING RECORD			
Size	Set At	Packer at	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First Production	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	Gas	Water	Gas-Oil Ratio	Gravity
	Bbls	MCF	Bbls	CFPB	

METHOD OF COMPLETION Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed
 Commingled



15-109-20464-00-00

To Part _____
DST _____ To Serv _____
Comp _____ To CC _____
EL _____ To KGS _____

WELL DRILLING RECORD

H-30 DRILLING CO.
251 N. WATER, SUITE 10
WICHITA, KANSAS 67202
(316) 263-2043



- TIGHT HOLE -
OPERATOR ONLY

A.P.I. #15-109-20, 464-00-50

OPERATOR: World Unlad, Inc. **LEASE:** World 1 - The Great Ben #1
 670 Main Street, 4th Floor **LOC:** SE SE SE of Sec. 2-11S-32W
 Willimantic, CT 06226 **Logan County, Kansas**
ELEV: 3046' **GR** 3051' **KB**

OTHER: Terry McLeod's Motel Room **PTD:** 4650'
 Rig #11 (mobil) (913) 462-8292 (wait for tone) 1213 1020

CONTRACTOR: H-30 Drilling, Inc. **RIG #** 11

SURFACE: Set 8 5/8" @ 306' w/ 195 sx 60/40 pozmix 2% gel 3% cc

PROD: Set @ w/ sx

SPUD: Spud at 3:45 p.m. 10/4/88

10/05/88	Put on new drilling line and put new 7 7/8" bit on. Drilling ahead at 314' at 7:00 a.m.	DST #1 4120-4135	Zn E & F Zones
		Times: 30" - 30" - 30" - 30"	
		Blow: weak blow (1/4") died, flush no help	
10/06/88	Drilling ahead (1661' at 7:00 a.m.)	Rec.: 5' drilling mud w/ spots of oil	
10/07/88	Drilling ahead (2842' at 7:00 a.m.)		
10/08/88	Drilling ahead (3388' at 7:00 a.m.) and called geologist Terry McLeod at 3600'		
10/09/88	Drilling ahead (3961' at 7:00 a.m.)	IFP 30# - 30#	FFP 30# - 30#
10/10/88	Rotary depth of 4153' at 7:00 a.m., Running DST #1 4120-4153 ("E" & "F" Zones in Lansing).	ISIP 876#	FSIP 786#
	"A" zone - good porosity, no shows	HP	Temp
	"B" zone - 3' porosity break, trace dead stain	DST #2 4304-4377	Zn "L" & Marmaton
	"E" zone - 4' porosity break with trace light stain and slight show of free oil	Times: 45" - 45" - 45" - 60"	
	"F" zone - tight, poor porosity	Blow: weak blow building to 8"	
		Rec.: 300' gip	
		110' gsy oil cut mud	
		(9% gas, 30% oil, 6% mud)	
10/11/88	Rotary depth of 4377'. Running DST #2 4304-4377 ("L" zone & Marmaton)	IFP 30#-40#	FFP 50#-60#
	"L" zone - 4' porosity break (foss.) with trace of light stain, possible Marmaton - 2'-3' break (fractured porosity) with fair show of free oil and	ISIP 976#	FSIP 1065#
		HP 2177#-2167#	Temp 127°F
		DST #3 4547-4620	Zn Johnson
		Times: 45" - 45" - 45" - 60"	
		Blow: wk building to 3" throughout test	
		Rec: 30' hocm	

SAMPLE TOPS	fair	odor.	LOG TOPS		
Anhydrite					45% oil
Heebner 4016 (-965)			4014 (-963)		(45% oil, 55% mud)
Lansing/K.C. 4059 (-1008)			4057 (-1006)		
Base/K.C. 4339 (-1288)			4332 (-1281)	IFP 30#-30#	FFP 40#-40#
Marmaton 4363 (-1312)			4360 (-1309)	ISIP 100#	FSIP 162#
Cherokee Sh. 4616 (-1465)			4517 (-1466)	HP 2326#-2316#	Temp
Johnson Zn. 4595 (-1541)			4592 (-1541)		
Mississippian 4636 (-1585)			4636 (-1585)	DST #4	Zn
Total Depth 4695 (-1644)			4696 (-1645)	Times:	
				Blow:	
				Rec.:	

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STATE COMMISSION
WICHITA, KANSAS

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IFP
ISIP
HP
FFP
FSIP
Temp

