

Operator Name World Unlad, Inc. Lease Name World 1 - The Great Ben Well # 1Sec. 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 ☒ New ☐ 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

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
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.....			
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TUBING RECORD	Size	Set At	Packer at	Liner Run	☐ Yes ☐ No
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Date of First Production	Producing Method
	☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain).....

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	Bbl's	MCF	Bbl's	CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas: ☐ Vented
☐ Sold
☐ Used on Lease

☐ Open Hole ☐ Perforation
☐ Other (Specify)

☐ Dually Completed
☐ Commingled

LOGGED BY WORLD UNLAD, INC.
 CHECKED BY WORLD UNLAD, INC.
 DATE 11/15/53

DRILLING REPORT				DST #5	Zn
10/12/88	Circulating @ 4620' for D.S.T. #3, Johnson Zn.: 2' porosity break in the top and 2' porosity break in the middle. Contained a slight show of free oil and a greasy stain.			Times: Blow: Rec:	
10/13/88	Circulating @ 4696' for log. Running dual induction, compensated neutron, Radiation guard logs			IFP ISIP HP	FFP FSIP Temp
				DST #6	Zn
CALCULATIONS				Times: Blow: Rec:	
ZONE	INTERVAL	Z (POROSITY)	Z SW		
"A"	4058-60	8	79		
"B"	4088-90	6	100		
"F"	4142-44	15	71	IFP	FFP
"I"	4242-94	5	100	ISIP	FSIP
"K"	4290-92	10	95	HP	Temp
"L"	4320-22	7.5	100		
Marmaton	4367-70	5	80	DST #7	Zn
L. Pawnee	4502-04	10	34 RAG 83 DIL	Times:	
Johnson	4594-96	5	89	Blow:	
Mississippian	- Erosional Top -			Rec:	
				IFP ISIP HP	FFP FSIP Temp
				DST #8	Zn
				Times: Blow: Rec:	
				IFP ISIP HP	FFP FSIP Temp
PARTNERS:					
NAME	INTEREST		LETTER	REPORT	