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JAN 20 1999

WESTERN OPERATING COMPANY

Daily Completion / Workover Report

Well U.S.A. Butler #2 all depths KB 6' feet above GL DAYS 1 DATE 11-21-98

yesterday AM: PBTD 4486 Top Perf 4623

STATUS P/A Well

operations last 24 hours: 11-20-98

_____ to _____ RU Allied Cementing Co.. Pump 300# cotton seed hulls with 6 bbl. water. Mix & Pump 25 SKS Comm. cmt. w/ 3% CC. Displace to 1200'. WOC 2 hrs. ~~Tag cmt~~ Mix & Pump 25 SKS w/ 3% CC. Displace cmt. w/20 bbl. Close well in. Shut down.

_____ to _____

_____ to _____

_____ to _____

_____ to _____

_____ to _____

_____ to _____

_____ to _____

_____ to _____

_____ to _____ * Set CIBP w/2 SKS cmt. 5-23-96 @ 8153

costs	daily	total
completion rig		
water, mud, oil	5	5
trucking and hauling	248	248
stimulation		
cementing and cementing equipment	1011	1011
logging and perforating		
packers, bridge plugs		
power swivel and circulating equipment		
bits, mills, scrapers		
jars and fishing costs		
dirtwork and welding		
roustabout crew		
supervision		
wellhead		
tubing		
rods and pump		
pumping unit		
treater, separator		
valves, fittings, flowlines		
other ~~X~~	1533	1533
total	2797	2797

tubing

in or out	joints	feet threads off	size OD.	weight per foot	grade	coupling

rods

pulled or run	number	size	type and make

bridge plugs, packers, catchers, pump, seating nipple, bottom hole assembly

ITEM	pulled or run	make	model	serial number	size	length	top depth	landing pounds	tension or compression

swabbing

HOURS	top fluid	pull from	runs	bbl. fluid	% oil	bbl. oil	bbl. water	MCF gas
_____ to _____								
_____ to _____								
_____ to _____								
_____ to _____								
_____ to _____								
_____ to _____								
_____ to _____								
_____ to _____								
_____ to _____								
_____ to _____								
_____ to _____								
_____ to _____								
_____ to _____								
_____ to _____								
_____ to _____								
_____ to _____								
_____ to _____								
_____ to _____								
TOTAL								

flowing

choke	pressure	bbl. fluid	% oil	bbl oil	bbl. water	MCF gas

BBL. LOAD TO RECOVER _____

SUPERVISOR Dale Hart

JAN 2 0 1999

WESTERN OPERATING COMPANY

Daily Completion / Workover Report

Well U.S.A. Butler #2 all depths KB 6' feet above GL DAYS 2 DATE 11-24-98

yesterday AM: PBTD 4486 Top Perf 4673

STATUS

operations last 24 hours: 11-23-98

to		MIRU ECWS Rig #3.
to		Allied Cementing tagged cement @ 1650 w/slick line.
to		TIH w/48 Jts tbg. Load hole with 15.9 bbl water.
to		Mix & Pump 25 sks w/3% cc. WOC for 4 hours.
to		Peak Wireline tagged Cement @ 1308'. Perf @ 1300 w/
to		4 holes. Perf @ 210' with 4 holes. Set cement
to		retainer @ 1250'.
to		Sting into retainer. Mix & Pump 120 sks comm.
to		Cement. Pump 117 sks through ret. & left 3 sks on
to		top of ret. Lay down tubing.
to		Ru on 5½ casing. Break circ. out Surface Casing.
to		Mix & Pump 75 sks w/3% cc w/10 sk comm.
to		Circ. Cement out Surface casing. Rig down. Move
to	4+ feet?	off Rig. Dig out wellhead. Cut 8 5/8 & 5½ Casing
to		off. Weld on 3/8" thick plate. Back fill Wellhead
to		and Pit. Dig out Deadmen. Level location.
to		Job Complete.
to		
to		

Note: Squeeze through cmt. Ret @ 800 psi, 2 bpm.

costs	daily	total
completion rig	1288	1288
water, mud, oil	15	20
trucking and hauling	420	668
stimulation		
cementing and cementing equipment	402	513
logging and perforating	1284	1284
packers, bridge plugs	979	979
power swivel and circulating equipment		
bits, mills, scrapers		
jars and fishing costs		
dirtwork and welding	400	400
roustabout crew		
supervision		
wellhead		
tubing		
rods and pump		
pumping unit		
treater, separator		
valves, fittings, flowlines		
other Previous cost		1533
total	8488	11,285

tubing	in or out	joints	feet threads off	size OD.	weight per foot	grade	coupling

rods	pulled or run	number	size	type and make

bridge plugs, packers, catchers, pump, seating nipple, bottom hole assembly

ITEM	pulled or run	make	model	serial number	size	length	top depth	landing pounds	tension or compression
cmt Ret	set	POT	–	–	5½		1250		
CIBP	set	Alpha	–	–	5½		4500		

swabbing

HOURS	top fluid	pull from	runs	bbl. fluid	% oil	bbl. oil	bbl. water	MCF gas
to								
to								
to								
to								
to								
to								
to								
to								
to								
to								
to								
to								
to								
to								
to								
to								
TOTAL								

flowing

choke	pressure	bbl. fluid	% oil	bbl oil	bbl. water	MCF gas

BBL. LOAD TO RECOVER

SUPERVISOR Dale Hart