

## Zarvona

DATE: 7/25/2017  
DAY # 1

[illegible]

## Zarvona

DATE: 7/26/2017  
DAY # 2

<b>Lease/Well No:</b>	<b>ULS 5-9 #6</b>				<b>AFE No:</b>	<b>0</b>
Current Ops	Location Prep - Install and Test Frac Stack					
Upcoming Ops:	Location Prep - Test Casing and Perforate					
Marker Joints:	KOP		TD:	12,800'		
KB	17	30	PBTD:			
Intermediate Casing	0	60	TVD:	12,800'		
Production Casing	0	90		Kris Lee		

### DAILY ACTIVITY

[illegible]

## COST SUMMARY

Intangible Costs			Tangible Costs	
Water Hauling	\$1,000	Frac		
Dirt Work		Wireline		
Crane		Plugs/ Plug Hands		
Anchors		Water Transfer		
Trucking - Tanks	\$1,500	Supervision	\$1,800	
Trucking - Trailer House		Frac Stack	\$300	
Trucking - Light Plants		Frac Tanks	\$200	
Trucking - Porta Pots		Acid Tanks		
Trucking - Trash Trailer		Porta Pots		
Trucking - Manlift		Manlift		
Trucking - Frac Stack	\$3,000	Light Towers		
Trucking - Trailer Water		Trash Trailer		
Trucking - Zipper Manifold		Trailer House		
		Zipper Manifold		
		Acid Job/Toe Prep		
		Daily Intangible Costs	\$7,800	Daily Tangible Costs
		Cum. Intangible Costs	\$11,220	Cum. Tangible Costs
<b>NOTE: All costs are field estimates only.</b>				
			TOTAL DAILY COST	\$7,800
			TOTAL CUM. COST	\$11,220

## Zarywna

DATE: 7/27/2017  
DAY # 3

<b>Lease/Well No:</b>	<b>ULS 5-9 #6</b>				<b>AFE No:</b>	0
Current Ops	Location Prep - Test Casing and Perforate					
Upcoming Ops:	Logging, Perforating and Treating Well					
Marker Joints:		KOP	'		TD:	12,800'
KB	17	30	'		PBTD:	'
Intermediate Casing	0	60	'		TVD:	12,800'
Production Casing	0	90	'			Kris Lee

### DAILY ACTIVITY

TIME			OPERATION
FROM	TO	HRS	
8:00 AM	12:00 PM	4	Waited for API and Stone to arrive on location. A Tex kept filling tanks and Greene started rigging up flow back iron.
12:00 PM	1:00 PM	1	API and Stone rigged up to well.
1:00 PM	2:30 PM	1.5	API RIH to 5,463' and set down. Picked up and tried to RIH again before setting down in the same spot. POOH
2:30 PM	3:00 PM	0.5	Started rigging up 3.5" Junk Basket and Gage Ring. We were told the DV Tool hadn't been drilled out so RDMO
3:00 PM	10:00 PM	7	Waited for Coiled Tubing to arrive on location,
10:00 PM	10:30 PM	0.5	RedZone wanted to rig up. Black Fox arrived on location. Redzone crane didn't work started calling for cranes and mechanic was sent from the yard. Emptied pit and waited for power at the water well to come back on.
10:30 PM	3:00 AM	4.5	Mechanic arrived but crane couldn't be fixed. Kept looking for cranes.
3:00 AM	6:00 AM	3	Shift changed.

## COST SUMMARY

Intangible Costs			Tangible Costs	
Water Hauling	\$2,000	Frac		
Dirt Work		Wireline	\$1,500	
Crane		Plugs/ Plug Hands		
Anchors		Water Transfer		
Trucking - Tanks		Supervision	\$1,800	
Trucking - Trailer House		Frac Stack	\$300	
Trucking - Light Plants		Frac Tanks	\$200	
Trucking - Porta Pots		Acid Tanks		
Trucking - Trash Trailer		Porta Pots	\$20	
Trucking - Manlift		Manlift	\$115	
Trucking - Frac Stack		Light Towers	\$540	
Trucking - Trailer Water		Trash Trailer	\$20	
Trucking - Zipper Manifold		Trailer House		
		Zipper Manifold		
		Acid Job/Toe Prep		
		Daily Intangible Costs	\$6,495	Daily Tangible Costs
		Cum. Intangible Costs	\$17,715	Cum. Tangible Costs
NOTE: All costs are field estimates only.				
				TOTAL DAILY COST
				TOTAL CUM. COST
			\$6,495	\$17,715

## Zarvona

DATE: 7/28/2017  
DAY # 4

<b>Lease/Well No:</b>	<b>ULS 5-9 #6</b>				<b>AFE No:</b>	<b>0</b>
Current Ops	Drilling out DV Tool, Logging and Perforating Well					
Upcoming Ops:	Treating Well					
Marker Joints:	KOP		TD:	12,800'		
KB	17	30	PBTD:			
Intermediate Casing	0	60	TVD:	12,800'		
Production Casing	0	90		Kris Lee		

### DAILY ACTIVITY

[illegible]

### COST SUMMARY

Intangible Costs			Tangible Costs	
Water Hauling		Frac		
Coiled Tubing	\$40,629	Wireline		
Crane		Plugs/ Plug Hands		
Anchors		Water Transfer		
Trucking - Tanks		Supervision	\$3,600	
Trucking - Trailer House		Frac Stack	\$300	
Trucking - Light Plants		Frac Tanks	\$200	
Trucking - Porta Pots		Acid Drum	\$200	
Trucking - Trash Trailer		Porta Pots	\$20	
Trucking - Manlift		Manlift	\$115	
Trucking - Frac Stack		Light Towers	\$540	
Trucking - Trailer Water		Trash Trailer	\$20	
Trucking - Zipper Manifold		Trailer House		
		Zipper Manifold		
		Acid Job/Toe Prep		
		Daily Intangible Costs	\$45,624	Daily Tangible Costs
				\$0

NOTE: All costs are field estimates only.	Cum. Intangible Costs	\$63,339	Cum. Tangible Costs	\$0
			TOTAL DAILY COST	\$45,624
			TOTAL CUM. COST	\$63,339



Zarvona

DAILY WORKOVER / COMPLETION REPORT

DATE: 8/3/2017

DAY # 6

Lease/Well No:

ULS 5-9 #6

AFE No: 0

Current Ops

Drilling out DV Tool, Logging and Perforating Well

Upcoming Ops:

Treating Well

Marker Joints:

KOP

TD: 12,800'

KB

17

30

PBTD:

Intermediate Casing

0

60

TVD: 12,800'

Production Casing

0

90

Orian Flake

DAILY ACTIVITY

TIME

OPERATION

FROM

TO

HRS

6:00 AM

8:00 AM

2

MIRU Elite pressure pumping

8:00 AM

8:30 AM

0.5

Held JSA tested lines to 9500 psi

8:30 AM

10:30 AM

2

Elite fixed leaks and worked on the manifold. Retested lines successfully to 9500 psi and set pop-off. While setting the pop-off Elite blew a seal on a check valve on the back of on eof the pumps. Replaced check valve and continued setting the pop-off @ 8979 psi

10:30 AM

12:30 PM

2

Stage 1 Frac: SICP: 3,011 psi. Formation broke at 7,207 psi. While pumping 80. bpm. Pumpdown bbls. Pumped: Total 15% HCL Acid: 116 bbls, Total Slickwater: 7,411 bbls. Load to recover for this stage: 7,550 bbls. Total load to recover: 254,018 bbls. Containing: Total 100 Mesh: 33,810 lbs, Total 40/70 White: 219,893 lbs. Proppant pumped this stage: 303,860 lbs. Total proppant pumped: 7,988,045 lbs. ISIP: 6,377 psi with a Frac Gradient of 1.15 psi/ft. Qavg: 964.5 bpm, Pavg: 6,096 psi, Qmax: 8035. bpm, Pmax: 6,572 psi.
   
 \*\*\*Notes\*\*\* While pumping 1.50 ppg 40/70 Elite lost discharge briefly due to sucking air on one of the empty tanks. Elite cut screws to figure out the issue then worked the concentration back to 1.50 ppg before staging into 1.75 ppg 40/70. Stage was pumped to design. 5 Min: 5388 psi, 10 Min: 5238 psi, 15 Min: 5156 psi

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RDMO Elite

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