
K P KAUFFMAN CO, INC. EBIZ

Sierra Murphy 31-5

Weld County , Colorado

Squeeze Open Hole

21-Mar-2014

Job Site Documents

The Road to Excellence Starts with Safety

Sold To #: 303209	Ship To #: 3368297	Quote #:	Sales Order #: 901208553
Customer: K P KAUFFMAN CO, INC. EBIZ		Customer Rep: Anderson, Pual	
Well Name: Sierra Murphy	Well #: 31-5	API/UWI #: 05-005-06969	
Field:	City (SAP): BENNETT	County/Parish: Weld	State: Colorado
Contractor: K.P. Kauffman		Rig/Platform Name/Num: Workover Rig Workover Rig	
Job Purpose: Squeeze Open Hole			
Well Type: Development Well		Job Type: Squeeze Open Hole	
Sales Person: FLING, MATTHEW		Srvc Supervisor: GIBBS, JASON	MBU ID Emp #: 300487

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BROOM, KENDALL L	3.0	524682	GIBBS, JASON E	3.0	300487	JEWELL, WILLIAM Uris	3.0	503358
SHERRATT, JARED	3.0	545345						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
11488570C	50 mile	11748359	50 mile	NA	50 mile	11845664	50 mile

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours

TOTAL Total is the sum of each column separately

Job					Job Times			
Formation Name	Formation Depth (MD)	Top	Bottom		Date	Time	Time Zone	
					Called Out	21 - Mar - 2014	06:00	MST
					On Location	21 - Mar - 2014	10:45	MST
	7270. ft		7270. ft		Job Started	21 - Mar - 2014	11:50	MST
					Job Completed	21 - Mar - 2014	13:00	MST
					Departed Loc	21 - Mar - 2014	13:45	MST

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			

Miscellaneous Materials

Gelling Agt	Conc	Surfactant	Conc	Acid Type	Qty	Conc	%
Treatment Fld	Conc	Inhibitor	Conc	Sand Type	Size	Qty	

Fluid Data

Stage/Plug #: 1										
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk	
1	Injection rate		10.00	bbl	.	.0	.0	.0		

Stage/Plug #: 1										
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk	

Stage/Plug #: 1									
2	15.8# Cement	HALCEM (TM) SYSTEM (452986)	100.0	sacks	15.8	1.51	6.22		6.22
	35 %	SAND-SSA-1 - SILICA FLOUR - 200 MESH, BULK (100003691)							
	6.22 Gal	FRESH WATER							
3	H2O Displacemnt		26.00	bbbl	.	.0	.0	.0	
Calculated Values			Pressures			Volumes			
Displacement		Shut In: Instant		Lost Returns		Cement Slurry		Pad	
Top Of Cement		5 Min		Cement Returns		Actual Displacement		Treatment	
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job	
Rates									
Circulating		Mixing		Displacement		Avg. Job			
Cement Left In Pipe		Amount	0 ft	Reason	Shoe Joint				
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID		
The Information Stated Herein Is Correct				Customer Representative Signature					

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Sold To #: 303209	Ship To #: 3368297	Quote #:	Sales Order #: 901208553
Customer: K P KAUFFMAN CO, INC. EBIZ		Customer Rep: Anderson, Pual	
Well Name: Sierra Murphy	Well #: 31-5	API/UWI #: 05-005-06969	
Field:	City (SAP): BENNETT	County/Parish: Weld	State: Colorado
Legal Description:			
Lat: N 0 deg. OR N 0 deg. 0 min. 0 secs.		Long: E 0 deg. OR E 0 deg. 0 min. 0 secs.	
Contractor: K.P. Kauffman		Rig/Platform Name/Num: Workover Rig Workover Rig	
Job Purpose: Squeeze Open Hole			Ticket Amount:
Well Type: Development Well		Job Type: Squeeze Open Hole	
Sales Person: FLING, MATTHEW		Srvc Supervisor: GIBBS, JASON	MBU ID Emp #: 300487

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Arrive at Location from Service Center	03/21/2014 10:45							DID HAZARD HUNT AND ASSESSMENT OF LOCATION
Wait on Customer or Customer Sub-Contractor Equip	03/21/2014 11:00							
Wait on Customer or Customer Sub-Contractor Equipm	03/21/2014 11:15							RIG TURNED OVER TO HES
Pre-Job Safety Meeting	03/21/2014 11:35							WITH ALL 3RD PARTIES ON LOCATION
Start Job	03/21/2014 11:50							
Test Lines	03/21/2014 11:55							RIG WATER WITH NO ADDITIVES
Pump Spacer 1	03/21/2014 12:05		1	10		1925.0		10BBL FOR INJECTION RATE 1950PSI @ .75BBL/MIN
Pump Lead Cement	03/21/2014 12:20		2	27		1258.0		100 SKS HALCEM MIXED @ 15.8PPG YIELD OF 1.51 FT3/SK AND 6.22 GAL/SK
Pump Displacement	03/21/2014 12:35		1.5	26		1658.0		RIG WATER WITH NO ADDITIVES,.
Shutdown	03/21/2014 12:45					1750.0		
Other	03/21/2014 12:50							STING OUT OF RETAINER AND TURN IT OVER FOR WASHUP
End Job	03/21/2014 13:00							HELD RIG DOWN SAFETY MEETING

HALLIBURTON

K P KAUFFMAN CO, INC. EBIZ

Sierra Murphy 31-5

Weld County , Colorado

Squeeze Open Hole

24-Mar-2014

Job Site Documents

The Road to Excellence Starts with Safety

Sold To #: 303209	Ship To #: 3368297	Quote #:	Sales Order #: 901212412
Customer: K P KAUFFMAN CO, INC. EBIZ		Customer Rep: Ramos, Rick	
Well Name: Sierra Murphy	Well #: 31-5	API/UWI #: 05-005-06969	
Field:	City (SAP): BENNETT	County/Parish: Weld	State: Colorado
Contractor: K.P. Kauffman		Rig/Platform Name/Num: Workover Rig Workover Rig	
Job Purpose: Squeeze Open Hole			
Well Type: Development Well		Job Type: Squeeze Open Hole	
Sales Person: FLING, MATTHEW		Srvc Supervisor: GIBBS, JASON	MBU ID Emp #: 300487

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
GIBBS, JASON E	8.5	300487	LAVALLEY, LARRY P	8.5	419296	MAYFIELD, BYRON L	8.5	528751
TAUILILI, SAIAGA	8.5	545471						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
11488570C	50 mile	11518549	50 mile	11808819C	50 mile	11923776C	50 mile

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
3/24/14	8.5	6						
TOTAL			<i>Total is the sum of each column separately</i>					

Job

Job Times

Formation Name	Formation Depth (MD)	Top	Bottom	Date	Time	Time Zone	
				Called Out	24 - Mar - 2014	05:00 MST	
Form Type			BHST	On Location	24 - Mar - 2014	09:30 MST	
Job depth MD	1975. ft		Job Depth TVD	1975. ft	Job Started	24 - Mar - 2014	12:30 MST
Water Depth			Wk Ht Above Floor	6. ft	Job Completed	24 - Mar - 2014	17:00 MST
Perforation Depth (MD)	From		To	Departed Loc	24 - Mar - 2014	18:00 MST	

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			

Miscellaneous Materials

Gelling Agt	Conc	Surfactant	Conc	Acid Type	Qty	Conc	%
Treatment Fld	Conc	Inhibitor	Conc	Sand Type	Size	Qty	

Fluid Data

Stage/Plug #: 1

Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	PLUG #1	HALCEM (TM) SYSTEM (452986)	50.0	sacks	15.8	1.15	4.98		4.98
	4.98 Gal	FRESH WATER							

Stage/Plug #: 1

Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk

Stage/Plug #: 1									
2	Plug #2	HALCEM (TM) SYSTEM (452986)	250.0	sacks	15.8	1.15	4.98		4.98
	4.98 Gal	FRESH WATER							
3	Plug #3	HALCEM (TM) SYSTEM (452986)	50.0	sacks	15.8	1.15	4.98		4.98
	4.98 Gal	FRESH WATER							
Calculated Values		Pressures			Volumes				
Displacement	20	Shut In: Instant		Lost Returns		Cement Slurry		Pad	
Top Of Cement	surface	5 Min		Cement Returns	2	Actual Displacement		Treatment	
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job	
Rates									
Circulating		Mixing	2	Displacement	2	Avg. Job			2
Cement Left In Pipe	Amount	0 ft	Reason	Shoe Joint					
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID		
The Information Stated Herein Is Correct				Customer Representative Signature					

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Field:	City (SAP): BENNETT	County/Parish: Weld	State: Colorado
Legal Description:			
Lat: N 0 deg. OR N 0 deg. 0 min. 0 secs.		Long: E 0 deg. OR E 0 deg. 0 min. 0 secs.	
Contractor: K.P. Kauffman		Rig/Platform Name/Num: Workover Rig Workover Rig	
Job Purpose: Squeeze Open Hole			Ticket Amount:
Well Type: Development Well		Job Type: Squeeze Open Hole	
Sales Person: FLING, MATTHEW		Srvc Supervisor: GIBBS, JASON	MBU ID Emp #: 300487

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Arrive at Location from Service Center	03/24/2014 09:45							
Assessment Of Location Safety Meeting	03/24/2014 09:50							Hazard Hunt and Discuss 3rd party activities
Pre-Rig Up Safety Meeting	03/24/2014 10:00							Review JSA and Discuss Rig up layout
Rig-Up Equipment	03/24/2014 10:05							
Rig-Up Completed	03/24/2014 10:20							
Pre-Job Safety Meeting	03/24/2014 12:27							With Customer and 3rd Parties involved
Start Job	03/24/2014 12:30							
Pump Water	03/24/2014 12:30							Fill Lines
Test Lines	03/24/2014 12:35						3500.0	
Pump Water	03/24/2014 12:40		2	10	10		256.0	Fresh Water Injection test for rate
Pump Cement	03/24/2014 12:50		2	7	17		256.0	30sks @ 15.8ppg, 1.15yield, 5.0gal/sk
Shutdown	03/24/2014 12:55							
Pump Displacement	03/24/2014 13:30		2	7	24		56.0	Fresh Water. Wait one hour and tag cmt @ 1500. Wireline went in and shot holes at 1050 and set retainer.
Pump Water	03/24/2014 15:50		2	6	30			Fresh Water Injection test for rate
Pump Cement	03/24/2014 15:56		2	51	81		870.0	290sks @ 15.8ppg, 1.15yield, 5.0gal/sk
Pump Displacement	03/24/2014 16:19		2	2	83		870.0	Fresh Water

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Shutdown	03/24/2014 16:21							
Pump Water	03/24/2014 16:40		2	6	89		265.0	Fresh Water Injection test for rate
Pump Cement	03/24/2014 16:55		2	7	96		265.0	30skts @ 15.8ppg, 1.15yield, 5.0gal/sk
Pump Displacement	03/24/2014 17:00		2	2	98		265.0	Fresh Water
Cement Returns to Surface	03/24/2014 17:02							2 bbls 15.8ppg cement back to surface
End Job	03/24/2014 17:11							