

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 305251	Ship To #: 2251480	Quote #:	Sales Order #:
Customer: SAMSON RESOURCES CO		Customer Rep: Searcy, Bobby	
Well Name: Minis 2 Fed Com	Well #: #2	API/UWI #: AFEYKTCGSXHKXU2CAAA	
Field:	County/Parish: Lea	State: New Mexico	
Legal Description:			
Lat: North 0 deg. OR North 0 deg. 0 min. 0 secs.		Long: East 0 deg. OR East 0 deg. 0 min. 0 secs.	
Contractor: Nabors Drilling		Rig/Platform Name/Num: Nabors #715 #715	
Job Purpose: Cement Surface Casing		Ticket Amount: \$ 12,211.17	
Well Type: Development Well		Job Type: Cementing	
Sales Person: SEAY, DONALD Jay		Srv Supervisor: BUCHANAN, CHRISTOPHER Lee	MBU ID Emp #: 223861

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BUCHANAN, CHRISTOPHER Lee		223861	BUCHANAN, CHRISTOPHER Lee	0.0	223861	SEAY, DONALD Jay		104480
THORNTON, WAYNE		239067	VILLANUEVA, ARNULFO M		104591			

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
421248	70 mile	52715	70 mile	78532C	70 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	Form Type	Form. Thickness	Job depth MD	Water Depth	Perf. Depth	Date	Time	Time Zone
	BHST	80	1590	Wk Ht Above Floor	0	04 - Dec - 2002	04:30	GMT-06:00 Central Time
						04 - Dec - 2002	06:03	GMT-07:00 Mountain Time
						04 - Dec - 2002	00:00	GMT-07:00 Mountain Time
						04 - Dec - 2002	00:00	GMT-07:00 Mountain Time

Well Data

Description	New / Used	Max pressure	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Open Hole				18.5				0	1590		
Surface Casing	Used		16	15.376	55	BUTTRESS	K-55	0	1590		

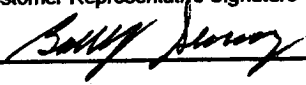
Tools and Accessories

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

Spacer	Density	Qty	Gelling Agt	Conc	Acid Type	Qty	Conc	%
Spacer	Density	Qty	Treatment Fld	Conc	Sand Type	Size	Qty	
Disp Fluid	Density	Qty	Surfactant	Conc				

Cementing Job Summary

Disp Fluid		Density		Qty		Inhibitor		Conc			
Cement Data											
Stage	Sacks	Fluid Name				Yield Ft ³ /sk	Density Lbm/gal	Water Gal/sk	Total Mix Fluid Gal/sk		
1	670	HALLIBURTON LIGHT PREMIUM PLUS - SBM (14241)				1.92	12.5	10.4	10.40		
	10.4 Gal	FRESH WATER									
	2 %	CALCIUM CHLORIDE - HI TEST PELLET (100005053)									
2	200	CMT - PREMIUM PLUS CEMENT (100012205)				1.342	14.8	6.34	6.34		
	6.34 Gal	FRESH WATER									
	2 %	CALCIUM CHLORIDE - HI TEST PELLET (100005053)									
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		Reason							
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 					

JOB LOG

TICKET #

2168448

TICKET DATE

12/04/02

REGION
NORTH AMERICA LAND

NWA / COUNTRY
CENTRAL REGION

BDA / STATE
MIDLAND, TX

COUNTY
LEA

MBU ID / EMPL #
421248/223861

H.E.S EMPLOYEE NAME
CHRIS BUCHANAN

PSL DEPARTMENT
ZONAL ISOLATION

LOCATION
HOBBS NM

COMPANY
SAMSON RESOURCES

CUSTOMER REP / PHONE
BOBBY SEARCY

TICKET AMOUNT

WELL TYPE	01-OIL
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APIUM #	
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WELL LOCATION
LOVING NM

DEPARTMENT
CEMENTING SERVICES 10003

JOB PURPOSE CODE
7521

LEASE / WELL #
MINIS 2 FED COM

Well No.

2

SEC / TWP / RNG

[illegible]

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 305251		Ship To #: 2251480		Quote #:		Sales Order #: 2177492	
Customer: SAMSON RESOURCES CO				Customer Rep: Searcy, Bobby			
Well Name: Minis 2 Fed Com		Well #: #2		API/UWI #: AFEYKTCGSXHKXU2CAAA			
Field:		County/Parish: Lea		State: New Mexico			
Legal Description:							
Lat: North 0 deg. OR North 0 deg. 0 min. 0 secs.				Long: East 0 deg. OR East 0 deg. 0 min. 0 secs.			
Contractor: Nabors Drilling		Rig/Platform Name/Num: Nabors #715					
Job Purpose: Cement Intermediate Casing				Ticket Amount: \$ 19,589.01			
Well Type: Development Well		Job Type: Cementing					
Sales Person: SEAY, DONALD Jay		Srcv Supervisor: POTTER, DENNIS J		MBU ID Emp #: 193960			
Job Personnel							
HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs
DODSON, MICHAEL Larry	0.0	243606	POTTER, DENNIS J		193960	POTTER, DENNIS J	
Equipment							
HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10243538	70 mile	421246	70 mile	77129C	70 mile		
Job Hours							
Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours
12/9/02	16	3					
TOTAL		Total is the sum of each column separately					
Job Times							
Formation Name	Form Type	Form Thickness	Form Type	Called Out	Date	Time	Time Zone
	BHST		105 degF		08 - Dec - 2002	20:00	GMT-07:00 Mountain Time
Job depth MD	3160 ft	Job Depth TVD	3160 ft	On Location	08 - Dec - 2002	23:30	GMT-07:00 Mountain Time
Water Depth		Wk Ht Above Floor	14	Job Started	09 - Dec - 2002	12:30	GMT-07:00 Mountain Time
Perf. Depth	From	To		Job Completed	09 - Dec - 2002	15:45	GMT-07:00 Mountain Time
Well Data							
Description	New / Used	Max pressure	Size in	ID in	Weight lbm/ft	Thread	Grade
Intermediate Casing	Used		11.75	10.88	54		K-55
Intermediate Hole				14.75			
Surface Casing	Used		16	15.376	55	BUTTRESS	K-55
Tools and Accessories							
Type	Size	Qty	Make	Depth	Type	Size	Qty
Guide Shoe					Packer		
Float Shoe					Bridge Plug		
Float Collar					Retainer		
Insert Float							
Stage Tool							
Miscellaneous Materials							
Spacer	Density	Qty	Gelling Agt	Conc	Acid Type	Qty	Conc
Spacer	Density	Qty	Treatment Fld	Conc	Sand Type	Size	Qty
Disp Fluid	Density	Qty	Surfactant	Conc			
Disp Fluid	Density	Qty	Inhibitor	Conc			

Cementing Job Summary

Cement Data						
Stage	Sacks	Fluid Name	Yield Ft ³ /sk	Density Lbm/gal	Water Gal/sk	Total Mix Fluid Gal/sk
1	1100.00	HALLIBURTON LIGHT PREMIUM PLUS - SBM (14241)	1.92	12.5	10.908	10.40
	10.908 Gal	FRESH WATER				
	1.6 %	CALCIUM CHLORIDE - HI TEST PELLET (100005053)				
2	300.00	CMT - PREMIUM PLUS CEMENT (100012205)	1.339	14.8	6.337	6.34
	6.337 Gal	FRESH WATER				
	1.6 %	CALCIUM CHLORIDE - HI TEST PELLET (100005053)				
Calculated Values		Pressures		Volumes		
Displacement		Shut In: Instant		Lost Returns	Cement Slurry	Pad
Top Of Cement	surface	5 Min		Cement Returns 300 sks.	Actual Displacement	Treatment
Frac Gradient		15 Min		Spacers	Load and Breakdown	Total Job
Rates						
Circulating		Mixing		Displacement		Avg. Job
Cement Left In Pipe	Amount	Reason				
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @
The Information Stated Herein Is Correct			Customer Representative Signature 			

The Road to Excellence Starts with Safety

Sold To #: 305251	Ship To #: 2251480	Quote #:	Sales Order #:
Customer: SAMSON RESOURCES CO		Customer Rep: Searcy, Bobby	
Well Name: Minis 2 Fed Com	Well #: #2	API/UWI #: AFEYKTCGSXHKXU2CAAA	
Field:	County/Parish: Lea	State: New Mexico	
Legal Description:			
Lat: North 0 deg. OR North 0 deg. 0 min. 0 secs.		Long: East 0 deg. OR East 0 deg. 0 min. 0 secs.	
Contractor: Nabors Drilling		Rig/Platform Name/Num: Nabors #715	
Job Purpose: Cement Intermediate Casing		Ticket Amount: \$ 19,589.01	
Well Type: Development Well		Job Type: Cementing	
Sales Person: SEAY, DONALD Jay		Srvc Supervisor: POTTER, DENNIS J MBU ID Emp #: 193960	

Date/Time	Ch	Activity Description	Rate	Stage Vol	Pump	Pressure (p.s.i.)	Comments
12/08/2002 10:00 PM		PRE-CONVOY SAFETY MEETING					FACILITY SAFETY MEETING
12/09/2002 12:00 AM		ASSESSMENT OF LOCATION SAFETY MEETING					ARRIVE ON LOCATION, CONDUCT LOCATION ASSESSMENT
12/09/2002 12:00 PM		PRE-JOB SAFETY MEETING					PRE JOB SAFETY MEETING
12/09/2002 12:50 PM		TEST_LINES	0.5	3	Y	3500	TEST LINES
12/09/2002 12:52 PM		START_JOB	8	20	Y	295	START JOB, FRESH WATER AHEAD
12/09/2002 12:57 PM		PUMP_LEAD_CEMENT	8	376	Y	325	1100 SKS. H.L.P.P. @ 12.5 PPG.
12/09/2002 01:54 PM		PUMP_TAIL_CEMENT	6	72	Y	447	300 SKS. PREM. PLUS 1.6% @ 14.8 PPG.
12/09/2002 02:12 PM		DROP_PLUG					SHUT DOWN DROP PLUG
12/09/2002 02:14 PM		PUMP_DISPLACEMENT	6	0	Y	75	START DISPLACEMENT
12/09/2002 03:38 PM		COMMENT	4	335	Y	775	SLOW RATE TO END DISPLACEMENT
12/09/2002 03:45 PM		COMMENT	3	345	Y	890	SHUT DOWN, END OF DISPLACEMENT. NOTE: WE CUT DISPLACEMENT SHORT BECAUSE 3 BBLS. OF WATER GOT PUMPED AHEAD OF THE PLUG AND WE WANTED TO ENSURE NOT TO HAVE A WET SHOE.
12/09/2002 03:46 PM		CHECK FLOATS					RELEASE PRESSURE, FLOATS HOLDING. END JOB
12/09/2002 03:50 PM		COMMENT					CIRCD. 300 SKS. OF CEMENT TO THE PIT.

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 305251	Ship To #: 2251480	Quote #:	Sales Order #: 2186951
Customer: SAMSON RESOURCES CO		Customer Rep: Searcy, Bobby	
Well Name: Minis 2 Fed Com	Well #: 2	API/UWI #: AFEYCOX4OVHZHESIAAA	
Field:	County/Parish: Lea	State: New Mexico	
Legal Description:			
Lat: North 0 deg. OR North 0 deg. 0 min. 0 secs.		Long: East 0 deg. OR East 0 deg. 0 min. 0 secs.	
Contractor: Nabors Drilling 715		Rig/Platform Name/Num: 715	
Job Purpose: Cement Intermediate Casing		Ticket Amount: \$ 12,665.60	
Well Type: Development Well		Job Type: Cementing	
Sales Person: GARCIA, TRINODAD		Srvc Supervisor: REZA, HECTOR N.	MBU ID Emp #: 104476

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
KRAFT, DON W	20	231776	OLIVAS, REYNALDO G	20	104590	REZA, HECTOR N.	20	104476
REZA, HECTOR N.		104476						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10243538	70 mile	421544	70 mile	53820	70 mile	77129C	70 mile

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
12/13/02	18	2	12/13/02	19	2	12/13/02	18	2
TOTAL			Total is the sum of each column separately					

Job

Formation Name	Form Type	Date	Time	Time Zone
Form. Thickness	BHST	109 degF	Called Out	13 - Dec - 2002 16:00 GMT-07:00 Mountain Time
Job depth MD	5370 ft	Job Depth TVD	5370 ft	On Location 13 - Dec - 2002 19:00 GMT-07:00 Mountain Time
Water Depth		Wk Ht Above Floor	2	Job Started 14 - Dec - 2002 09:24 GMT-07:00 Mountain Time
Perf. Depth	From	To	Job Completed	14 - Dec - 2002 11:17 GMT-07:00 Mountain Time

Well Data

Description	New / Used	Max pressure	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
1st Intermediate	Used		11.75	11.084	42		K-55	0	3450	0	3450
Open Hole				10.625				3450	5270	3450	5370
2nd Intermediate	Used		8.625	7.921	32		N-80	0	5372	0	5370

Tools and Accessories

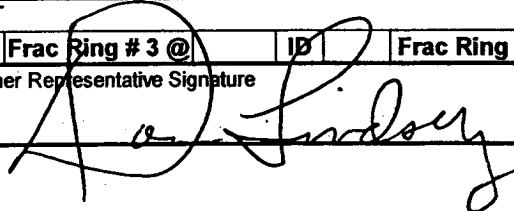
Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe			COMP		Packer					Top Plug	1		HALLI
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container	1		HALLI
Stage Tool										Centralizers			COMP

Miscellaneous Materials

Spacer	Density	Qty	Gelling Agt	Conc	Acid Type	Qty	Conc	%
Spacer	Density	Qty	Treatment Fld	Conc	Sand Type	Size	Qty	
Disp Fluid	Density	Qty	Surfactant	Conc				

Cementing Job Summary

Disp Fluid		Density		Qty		Inhibitor		Conc			
Cement Data											
Stage	Sacks	Fluid Name				Yield Ft ³ /sk	Density Lbm/gal	Water Gal/sk	Total Mix Fluid Gal/sk		
1	525.00	INTERFILL C - SBM (14210)				2.664	11.56	15.57	15.57		
	15.57 Gal	FRESH WATER									
	0.25 lbm	FLOCELE - 3/8, 25 LB SK (100005049)									
2	250.00	CMT - PREMIUM PLUS CEMENT (100012205)				1.324	14.8	6.315	6.32		
Calculated Values			Pressures			Volumes					
Displacement	321.5	Shut In: Instant			Lost Returns	NO	Cement Slurry	249	Pad		
Top Of Cement		5 Min			Cement Returns	NO	Actual Displacement	321.5	Treatment		
Frac Gradient		15 Min			Spacers		Load and Breakdown		Total Job	570	
Rates											
Circulating	6	Mixing		7	Displacement	7	Avg. Job	6.5			
Cement Left In Pipe	Amount	90.10	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							





TICKET

2186951

TICKET DATE

12/14/02

REGION

NORTH AMERICA LAND

NWA / COUNTRY

CENTRAL REGION

BDA / STATE

MIDLAND, TX

COUNTY

LEA

MBU ID / EMPL #

AR0101/104476

H.E.S EMPLOYEE NAME	DATE
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HECTOR REZA

PSL DEPARTMENT

ZONAL ISOLATION

LOCATION

Artesia, NM

COMPANY

SAMSON RESOURCES

CUSTOMER REP / PHONE

SEARCY BOBBY

TICKET AMOUNT

WELL TYPE

01-OIL

API/UWI #	
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WELL LOCATION

HOBBS NM

DEPARTMENT

CEMENTING SERVICES 10003

JOB PURPOSE CODE 1. 100 - General 2. 200 - Sales 3. 300 - Marketing 4. 400 - Finance 5. 500 - Administration 6. 600 - Production 7. 700 - Research & Development 8. 800 - Engineering 9. 900 - Other

7522

LEASE / WELL #

MINIS 2 FED COM

Well No.

2

SEC / TWP / RNG

[illegible]

THE ROAD TO EXCELLENCE STARTS WITH SAFETY

COMPANY	<u>Sampson Resources</u>	DATE	<u>12/18/2002</u>
COMPANY REP.	<u>Don Lindsey</u>	CO. REP. TELE. #	<u>505-390-0643</u>
CONTRACTOR	<u>Nabors 715</u>	TOWN/STATE	<u>Hobbs NM</u>
LEASE	<u>Minis "2" Fed Com</u>	WELL NO.	<u>2</u>
API NO.		COUNTY	<u>Lea</u>
R/T MILEAGE	<u>80</u>	H2S PRESENT?	<u>Possible</u>
DIRECTIONS			

West of Hobbs NM on 62/180 to Hwy 176 (MM 68) Turn SE to MM 6.4, TR .6 mile to crossroad, stay right and continue .7 mile to rig sign, TL to location.

TUBULAR INFORMATION

CASING SIZE:	<u>5 1/2</u>	WEIGHT	<u>20#</u>	THREAD	<u>8rd</u>	GRADE	<u>P-110</u>
TUBING SIZE:							
HOLE:	<u>7 7/8</u>	WELL FLUID:	<u>9.2 Cut Brine</u>	DISP FLUID:	<u>4% KCL</u>		
JOB TYPE AND EQUIPMENT							
COND		SURF		INTER		LONG SG	<u>XXXXXX</u> SQUEEZE
LINER		PTA		PLG BCK		OTHER	
TOP PLUG	<u>Plug Set</u>	BOTTOM PLUG		BHCT		BHST	
PLUG CONTAINER	<u>1EA</u>	SWADGE	<u>2EA</u>	TD	<u>14400+/-</u>	OTHER	<u>DV @ 8100+/-</u>
EQUIPMENT TYPE	<u>ADC/ZS-4 Stdbby/Bin/Bulk/Transport / Pressurizer</u>						

CEMENT INFORMATION

FIRST STAGE:	SACKS	<u>640</u>	TYPE	<u>Interfill H</u>
LEAD	ADDITIVES	<u>.1% HR-7</u>		
FINAL VOL TRINO	MIXED AT	<u>11.5</u>	LBS/GAL	YIELD <u>2.68</u> WATER <u>15.64</u> GAL/SK
1/15/2003	SACKS	<u>225</u>	TYPE	<u>Super H</u>
ADDITIVES	<u>1#/sk Salt, .5% Halad-344, .4% CFR-3, .2% HR-7</u>			
TAIL 1 ST. STG.	MIXED AT	<u>13</u>	LBS/GAL	YIELD <u>1.69</u> WATER <u>8.86</u> GAL/SK
SECOND STAGE	SACKS	<u>375</u>	TYPE	<u>Interfill H</u>
LEAD	ADDITIVES	<u>NEAT</u>		
	MIXED AT	<u>11.5</u>	LBS/GAL	YIELD <u>2.68</u> WATER <u>15.64</u> GAL/SK
TAIL	SACKS	<u>165</u>	TYPE	<u>Super H</u>
ADDITIVES	<u>1#/sk Salt, .5% Halad-344, .4% CFR-3, .2% HR-7</u>			
	MIXED AT	<u>13</u>	LBS/GAL	YIELD <u>1.69</u> WATER <u>8.86</u> GAL/SK
	SACKS		TYPE	
	ADDITIVES			
	MIXED AT		LBS/GAL	YIELD WATER GAL/SK
	SACKS		TYPE	
	ADDITIVES			
	MIXED AT		LBS/GAL	YIELD WATER GAL/SK

PREFLUSH: TYPE 18 Bbl Superflush 102

SPACER: TYPE

REMARKS / SAFETY EQUIPMENT

(1st stage below DV, circulate off tool with drlg mud. Displace 2nd stg with KCL)
 1.6 gallons clayfix II per 10 bbls
 Adj rate to 2 Bbl/Mn on last 10 Bbl displacement before landind plug. Watch psi for 5 minutes before releasing psi off plug
 Use 12 bbl Superflush 102 on 1st stg and 6 bbl Superflush 102 on 2nd stg BIN 75113 WT 10001788 E VILLANUEVA 1/1
 SALES ITEMS

CASING SIZE:	<u>5 1/2</u>
THREAD:	<u>8rd</u>

GUIDE SHOE	TYPE
FLOAT SHOE	TYPE
FLOAT COLLAR	TYPE
STAGE TOOL	TYPE
CENTRALIZERS	TYPE
WALL CLEANERS	TYPE
INSERT FLOAT	TYPE
	LIMIT CLAMPS
	WELD-A

REMARKS

Competition FE

IS CREDIT OK?	<u>Yes</u>	CREDIT CHECKED BY	
% DISCOUNT	<u>64</u>	SALES ORDER #	<u>2197037</u>
ORDERED BY	<u>Don Lindsey</u>	DATE/TIME OF CALL	<u>TRINO W/ TIME 0930 TT</u>
CALL TAKEN BY	<u>Trino</u>	TIME READY	<u>1500 TT 1/16/03</u>
REVIEWED BY		CREW FROM	<u>MATERIALS FROM HOBBS</u>
TRACTOR	<u>54077 TRAILER 77282</u>	PICKUP	<u>421343 CREW CALLED @ 1000 TT</u>
CREW MEMBERS	<u>P. GARZA - S. BURNS J. QUESADA</u>	STD BY TRK	<u>10248041 P/U # 422674</u>



JOB SUMMARY

REGION NORTH AMERICA	INVA / COUNTRY CENTRAL REGION	SALES ORDER NUMBER 2197037	TICKET DATE 1/17/2003
MBU ID / EMPL # BR0101 104472	H.E.S. EMPLOYEE NAME Stan Burns	BDA / STATE MIDLAND, TX	COUNTY Lea
LOCATION BROWNFIELD TX	COMPANY Sampson Resources	PSL DEPARTMENT ZONAL ISOLATION	CUSTOMER REP / PHONE Don Lindsey
TICKET AMOUNT \$28,691.06	WELL TYPE 01 OIL	API/UMI #	
WELL LOCATION Hobbs	DEPARTMENT CEMENTING SERVICES 10003	SAP BOMB NUMBER 7523	Description 2 Stage Long String
LEASE NAME Minis "2" Fed Com	Well No. 2	SEC / TWP / RNG	

H.E.S. EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
Stan Burns 104472	15.0	K. Reeves 104499	15.0	
Johnny Quesada 230547	15.0	C. Brocklehurst	4.0	
Pete Garza 104074	15.0			
M. Kuhn 240783	15.0			

H.E.S. UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
420511	80	5113	80	
54077-77282	80			
10248041	80			
422674	80			

Form. Name _____ Type: _____
Form. Thickness _____ From _____ To _____
Packer Type _____ Set At _____
Bottom Hole Temp. _____ Pressure _____
Retainer Depth _____ Total Depth _____

Tools and Accessories

Type and Size	Qty	Make
Float Collar 5 1/2		
Float Shoe 5 1/2		
Centralizers 5 1/2		
Top Plug 5 1/2		HALLIBURTON
Packer 5 1/2		
DV Tool 5 1/2		
Insert Float 5 1/2		
Guide Shoe 5 1/2		
Other		

Materials

Mud Type _____	Density _____	Lb/Gal _____
Disp. Fluid _____	Density _____	Lb/Gal _____
Prop. Type _____	Size _____	Lb _____
Prop. Type _____	Size _____	Lb _____
Acid Type _____	Gal. _____	% _____
Acid Type _____	Gal. _____	% _____
Surfactant _____	Gal. _____	In _____
NE Agent _____	Gal. _____	In _____
Fluid Loss _____	Gal/Lb _____	In _____
Gelling Agent _____	Gal/Lb _____	In _____
Fric. Red. _____	Gal/Lb _____	In _____
Breaker _____	Gal/Lb _____	In _____
1ST MUD _____	Gal/Lb _____	
SUPERFLUSH _____	Qty. _____	
Other _____		
Other _____		
Other _____		
Other _____		
Other _____		

Date	Called Out	On Location	Job Started	Job Completed
1/16/2003	0:00	1/16/2003	1/16/2003	1/17/2003
Time	1000	1500	1922	0400

Well Data

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	New	20.0	5 1/2		0	14,402	
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole					0	14,402	Shots/Ft.
Perforations							
Perforations							
DV Tool							

Hours On Location

Date	Hours
1/16	9.0
1/17	5.0
Total	14.0

Operating Hours

Date	Hours
1/16	3.0
1/17	2.0
Total	5.0

Description of Job

SEE JOB LOG
PUMP AS PER DIRECTED

Ordered _____	Hydraulic Horsepower Avail. _____	Used _____
Treating _____	Average Rates in BPM Disp. _____	Overall _____
Feet 83	Cement Left in Pipe Reason _____	SHOE JOINT

Cement Data

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
640	Interfill H	B	1% HR-7		15.8	2.68	11.5
225	Super H	B	1#/sk Salt, .5% Halad-344, .4% CFR-3, .2% HR-7		8.86	1.69	13
375	Interfill H	B	NEAT		15.6	2.68	11.5
165	Super H	B	1#/sk Salt, .5% Halad-344, .4% CFR-3, .2% HR-7		8.9	1.69	13.0

Summary

Circulating _____	Displacement _____	Preflush: Gal - BBI _____	Type: _____
Breakdown _____	Maximum _____	Load & Bkdn: Gal - BBI _____	Pad:Bbl -Gal _____
Lost Returns-YES _____	Lost Returns-NO _____	Excess /ReturnGal BBI _____	Calc. Disp Bbl _____
Cmt Rtn#Bbl _____	Actual TOC _____	Calc. TOC: _____	Actual Disp. _____
Average _____	Frac. Gradient _____	Treatment: Gal - BBI _____	2ND DISP. _____
Shut In: Instant _____	5 Min. _____ 15 Min. _____	Cement Slurry Gal - BBI _____	
		Total Volume Gal - BBI _____	330

Frac Ring #1	Frac Ring #2	Frac Ring #3	Frac Ring #4
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THE INFORMATION STATED HEREIN IS CORRECT
CUSTOMER REPRESENTATIVE _____

SIGNATURE _____

