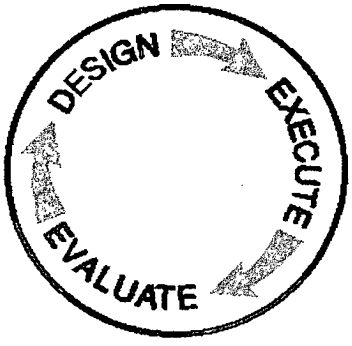
Schlumberger

NM OCD

DEE Report



Customer:	Shell Oil Company
Well	Latigo Ranch 2-34
County/State:	Guadalupe, NM
Job Type:	4.5" Production Casing
Prepared by:	Chris Schuman

30-019-20136

February 2, 2009

Schlumberger

Service Order

2009-Feb-01

Customer	Person Taking Call	Dowell Location	OrderDate	Job Number
SHELL OIL COMPANY	Martinez, Raul	Hobbs, NM	2009-Jan-19	**2201758751**

Well Name and Number	Legal Location	Field	County	State/Province
Latigo Ranch 2 34		Wildcat	Guadalupe	New Mexico

Well Master:	API / UWI:
0631051580	30 019 20135

Rig Name	Well Age	Sales Engineer	Job Type
Nabors M-45	New	Bryant, Rodney	Cem Prod Casing

Time Well Ready:	Deviation	Bit Size	Well MD	Well TVD	BHP	BHST	BHCT
	7 °	6.13 in	13,868 ft	13,868 ft	psi	244 °F	193 °F

Treat Down	Packer Type	Packer Depth	WellHead Connection	HHP on Location	Max AllowedPressure	Max Allowed AnnPressure
Casing		ft	Single cement head			

Casing

Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
6078	7.63	29.7	P110	8RD
13868	4.5	13.5	P110	8RD

Tubing

Depth,	Size, in	Weight, lb/ft	Grade	Thread

Perforated Intervals

Top, ft	Bottom, ft	spf	No. of Shots	Total Interval
				ft
				Diameter
				in

Services Instructions:

Cement 13868' of 4 1/2" Production casing

LOU #: 4900005296

Extra Equipment:

Head, manifold, QC, Swadge - 8 rd thread

Expected On Location:

Ready To Pump:

Contact	Voice	Mobile	FAX	Notes
George Stampley		281-714-2406		

Notes:

NO cell phones on location
Sign in with safety man first thing on location
Hearing protection required while on location

Directions:

Directions attached

Other Notes:

Cell service dead on location-call yard when leaving Santa Rosa on way to location.
Call dispatch when arriving in Santa Rosa after job. Customer has phone for emergencies

Comments:

Up to date JSA's and HARC- discuss with company man before performing any work on location
Rain for rent catch tarps under pump truck - NO SPILLS
Any spills or incidents to be reported IMMEDIATELY to company man and safety supervisor on location

Fluid Systems:

D144

25 gal D144 Antifoam

Density:		lb/gal	*Thickening Time:*		
Yield:		ft³/sk			
H2O Mix:	0	gal/sk			
H2O:	0	gal	*Eq. Sack Weight:*	0	lb
			Total Blend:	0	sacks

Dowell Code	Conc/ Amount		Total Quantity

Class H

Class H + 0.2% D046 + 0.2% D065 + 0.2% D167 + 0.4% D800

Density:	15.6	lb/gal	*Thickening Time:*		
Yield:	1.19	ft³/sk			
H2O Mix:	5.238	gal/sk			
H2O:	340.47	gal	*Eq. Sack Weight:*	94	lb
			Total Blend:	65	sacks

Dowell Code	Conc/ Amount		Total Quantity
D909	94	lbs/sk	6110
D046	0.188	lbs/sk	12.22
D065	0.188	lbs/sk	12.22
D167	0.188	lbs/sk	12.22
D800	0.376	lbs/sk	24.44

LiteCRETE

LiteCRETE + 0.3% D046 + 0.2% D065 + 0.5% D167 + 0.45% D198

Density:	9.7	lb/gal	*Thickening Time:*		
Yield:	2.25	ft³/sk			
H2O Mix:	7.55	gal/sk			
H2O:	2416	gal	*Eq. Sack Weight:*	100	lb
			Total Blend:	320	sacks

Dowell Code	Conc/ Amount		Total Quantity
D167	0.265	lbs/sk	84.8
D198	0.2385	lbs/sk	76.32
D065	0.106	lbs/sk	33.92
D046	0.159	lbs/sk	50.88

MUDPUSH II

40 bbls of MUDPUSH II

Density:	9.3	lb/gal	*Thickening Time:*		
Yield:		ft³/sk			
H2O Mix:	0	gal/sk			
H2O:	1680	gal	*Eq. Sack Weight:*	0	lb
			Total Blend:	40	sacks

Dowell Code	Conc/ Amount		Total Quantity
D031	50.02	lbs/sk	2000.8
D182	5	lbs/sk	200
D020	2.5	lbs/sk	100

Sugar

300 lbs of sugar

Density:		lb/gal	*Thickening Time:*		
Yield:		ft³/sk			
H2O Mix:	0	gal/sk			
H2O:	0	gal	*Eq. Sack Weight:*	0	lb
			Total Blend:	0	sacks

Dowell Code	Conc/ Amount		Total Quantity
57998000	300	lbs	300

TXI

TXI + 20% D154 + 0.8% D167 + 0.5% D46 + 0.2% D65 + 0.25 pps D29 + 4% D20 + 1.4% D800 + 0.05 pps B307

Density:	12	lb/gal	*Thickening Time:*		
Yield:	2.16	ft³/sk			
H2O Mix:	11.72	gal/sk			
H2O:	9024.4	gal	*Eq. Sack Weight:*	75	lb
			Total Blend:	770	sacks

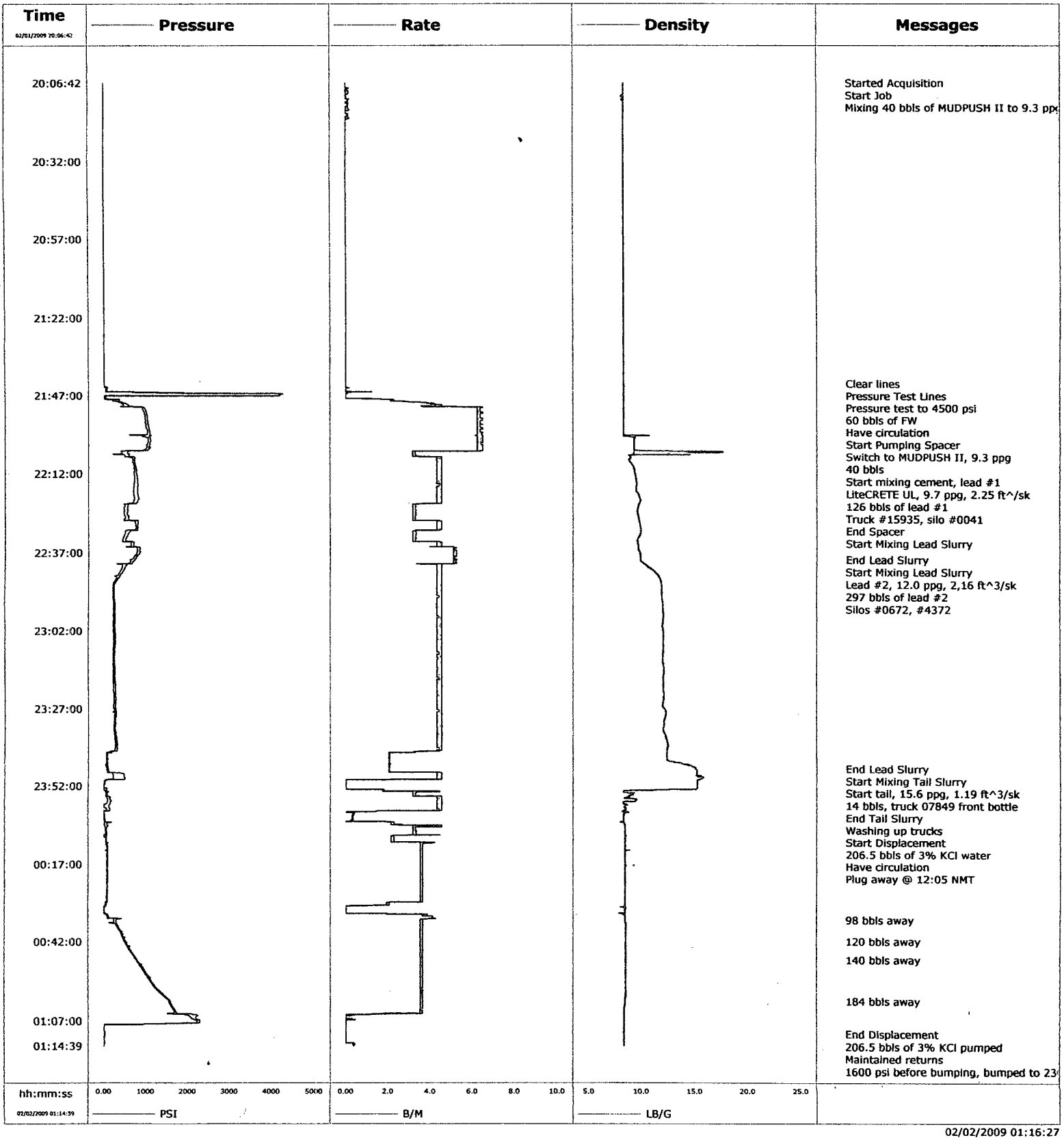
Dowell Code	Conc/ Amount		Total Quantity
D167	0.6	lbs/sk	462
B307	0.05	lbs/sk	38.5
D154	15	lbs/sk	11550
D049	75	lbs/sk	57750
D046	0.375	lbs/sk	288.75
D065	0.15	lbs/sk	115.5
D029	0.25	lbs/sk	192.5
D020	3	lbs/sk	2310
D800	1.05	lbs/sk	808.5

Schlumberger

Cementing Job Report

CemCAT v1.3

Well	Latigo Ranch 2-34	**Client**	Shell Oil Company
Field	Wildcat	**SIR No.**	2201758751
Engineer	Chris Schuman	**Job Type**	4.5" Production Casing
Country	United States	**Job Date**	02-01-2009



02/02/2009 01:16:27

Schlumberger

Cementing Service Report

Customer	Job Number
SHELL OIL COMPANY	2201758751

Well	Location (legal)	Schlumberger Location	Job Start
Latigo Ranch 2 34		Hobbs, NM	2009-Jan-31

Field	Formation Name/Type	Deviation	Bit Size	Well MD	Well TVD
Wildcat		7 °	6.13 in	13,868 ft	13,868 ft

County	State/Province	BHP	BHST	BHCT	Pore Press. Gradient
Guadalupe	New Mexico	psi	244 °F	193 °F	psi/ft

Well Master:	API / UWI:
0631051580	30 019 20135

Rig Name	Drilled For	Service Via
Nabors M-45	Oil & Gas	Land

Offshore Zone	Well Class	Well Type
	New	Exploration

Drilling Fluid Type	Max. Density	Plastic Vi:
Calodrill	9 lb/gal	cp

Service Line	Job Type
Cementing	Cem Prod Casing

Max. Allowed Tubing Pressure	Max. Allowed Ann. Pressure	WellHead Connection
psi	psi	Single cement hea

Service Instructions

Cement 13868' of 4 1/2" Production casing

LOU #: 4900005296

Casing/Liner

Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
6078	7.63	29.7	P110	8RD
13868	4.5	13.5	P110	8RD

Tubing/Drill Pipe

Depth,	Size, in	Weight, lb/ft	Grade	Thread

Perforations/Open Hole

Top, ft	Bottom, ft	spf	No. of Shots	Total Interval
				ft
				Diameter
				in

Treat Down	Displacement	Packer Type	Packer Depth
Casing	206.5 bbl		ft

Tubing Vol.	Casing Vol.	Annular Vol.	OpenHole Vol
bbl	206.5 bbl	159.5 bbl	166.7 bbl

Casing/Tubing Secured ☐ 1 Hole Volume Circulated prior to Cementing ☑

Lift Pressure: psi

Pipe Rotated ☐ Pipe Reciprocated ☐

No. Centralizers:	Top Plugs:	Bottom Plugs:
	1	1

Cement Head Type: Single

Job Scheduled For:	Arrived on Location:	Leave Location:
	2009-Jan-31 23:00	2009-Feb-02 3:00

Casing Tools

Shoe Type:	Float
Shoe Depth:	13865 ft
Stage Tool Type:	
Stage Tool Depth:	ft
Collar Type:	
Collar Depth:	ft

Squeeze Job

Squeeze Type	
Tool Type:	
Tool Depth:	ft
Tail Pipe Size:	in
Tail Pipe Depth:	ft
Sqz Total Vol:	bbl

Date	Time (24 hr clock)	Treating Pressure (psi)	Flow Rate (bbl/min)	Density (lb/gal)	Volume (bbl)	0	0	0	Message
2009-Feb-01	20:06	9	0.0	8.33	0.0	0	0	0	
2009-Feb-01	20:06								Started Acquisition
2009-Feb-01	20:07	9	0.0	8.33	0.0	0	0	0	
2009-Feb-01	20:07								Start Job
2009-Feb-01	20:08	9	0.0	8.33	0.0	0	0	0	
2009-Feb-01	20:08								Mixing 40 bbls of MUDPUSH II to 9.3 ppg
2009-Feb-01	20:09	9	0.1	8.33	0.1	0	0	0	
2009-Feb-01	20:11	9	0.1	8.33	0.2	0	0	0	
2009-Feb-01	20:14	9	0.1	8.33	0.5	0	0	0	
2009-Feb-01	20:16	8	0.1	8.33	0.7	0	0	0	
2009-Feb-01	20:19	9	0.0	8.33	0.9	0	0	0	
2009-Feb-01	20:21	8	0.0	8.33	0.9	0	0	0	
2009-Feb-01	20:24	8	0.0	8.33	0.9	0	0	0	
2009-Feb-01	20:26	8	0.0	8.33	0.9	0	0	0	
2009-Feb-01	20:29	7	0.0	8.33	0.9	0	0	0	
2009-Feb-01	20:31	9	0.0	8.33	0.9	0	0	0	
2009-Feb-01	20:34	8	0.0	8.33	0.9	0	0	0	
2009-Feb-01	20:36	9	0.0	8.33	0.9	0	0	0	
2009-Feb-01	20:39	8	0.0	8.33	0.9	0	0	0	
2009-Feb-01	20:41	8	0.0	8.33	0.9	0	0	0	

Well	Field	Service Date	Customer	Job Number
Latigo Ranch 2 #34	Wildcat	0931-Jan-31	SHELL OIL COMPANY	2201758751

Date	Time	Treating Pressure	Flow Rate	Density	Volume	0	0	0	Message
	24 hr clock	psi	bbl/min	lb/gal	bbl	0	0	0	
2009-Feb-01	20:44	9	0.0	8.33	0.9	0	0	0	
2009-Feb-01	20:46	8	0.0	8.33	0.9	0	0	0	
2009-Feb-01	20:49	8	0.0	8.33	0.9	0	0	0	
2009-Feb-01	20:51	8	0.0	8.33	0.9	0	0	0	
2009-Feb-01	20:54	8	0.0	8.33	0.9	0	0	0	
2009-Feb-01	20:56	8	0.0	8.33	0.9	0	0	0	
2009-Feb-01	21:42	7	0.0	8.33	0.9	0	0	0	
2009-Feb-01	21:42								Clear lines
2009-Feb-01	21:44	78	0.2	8.33	0.9	0	0	0	
2009-Feb-01	21:44	69	0.0	8.33	0.9	0	0	0	
2009-Feb-01	21:44								Pressure Test Lines
2009-Feb-01	21:45	68	0.0	8.33	0.9	0	0	0	
2009-Feb-01	21:45								Pressure test to 4500 psi
2009-Feb-01	21:46	4173	0.0	8.33	1.1	0	0	0	
2009-Feb-01	21:48								60 bbls of FW
2009-Feb-01	21:48	400	3.5	8.33	3.6	0	0	0	
2009-Feb-01	21:49	471	3.9	8.33	4.9	0	0	0	
2009-Feb-01	21:50	489	3.6	8.33	9.2	0	0	0	
2009-Feb-01	21:50								Have circulation
2009-Feb-01	21:51	979	6.4	8.33	14.7	0	0	0	
2009-Feb-01	21:51								Start Pumping Spacer
2009-Feb-01	21:51	966	6.2	8.33	18.4	0	0	0	
2009-Feb-01	21:54	1023	6.4	8.33	34.2	0	0	0	
2009-Feb-01	21:56	1043	6.2	8.33	49.9	0	0	0	
2009-Feb-01	21:59	1061	6.2	8.32	65.7	0	0	0	
2009-Feb-01	21:59								Switch to MUDPUSH II, 9.3 ppg
2009-Feb-01	21:59	1124	6.4	8.32	69.7	0	0	0	
2009-Feb-01	21:59								40 bbls
2009-Feb-01	21:59	1007	6.4	8.97	70.1	0	0	0	
2009-Feb-01	22:01	1104	6.2	9.29	81.6	0	0	0	
2009-Feb-01	22:02								Start mixing cement, lead #1
2009-Feb-01	22:02	1037	6.2	9.29	89.2	0	0	0	
2009-Feb-01	22:03								LiteCRETE UL, 9.7 ppg, 2.25 ft^/sk
2009-Feb-01	22:03	1064	6.2	9.29	93.6	0	0	0	
2009-Feb-01	22:03								126 bbls of lead #1
2009-Feb-01	22:03	1069	6.4	9.29	94.7	0	0	0	
2009-Feb-01	22:04	1058	6.4	9.29	97.4	0	0	0	
2009-Feb-01	22:04								Truck #15935, silo #0041
2009-Feb-01	22:04	1003	6.2	9.30	98.0	0	0	0	
2009-Feb-01	22:05								End Spacer
2009-Feb-01	22:05	410	3.3	11.56	103.3	0	0	0	
2009-Feb-01	22:05	604	3.3	13.84	103.4	0	0	0	
2009-Feb-01	22:05								Start Mixing Lead Slurry
2009-Feb-01	22:06	704	4.3	8.98	107.3	0	0	0	
2009-Feb-01	22:09	737	4.3	9.20	118.4	0	0	0	
2009-Feb-01	22:11	742	4.5	9.38	129.5	0	0	0	
2009-Feb-01	22:14	770	4.5	9.52	140.6	0	0	0	
2009-Feb-01	22:16	760	4.5	9.49	151.7	0	0	0	
2009-Feb-01	22:19	807	4.4	9.80	162.8	0	0	0	
2009-Feb-01	22:21	526	3.3	9.74	173.5	0	0	0	
2009-Feb-01	22:24	482	3.3	9.62	181.6	0	0	0	
2009-Feb-01	22:26	813	4.4	9.79	189.8	0	0	0	

Well	Field	Service Date	Customer	Job Number
Latigo Ranch 2 #34	Wildcat	0931-Jan-31	SHELL OIL COMPANY	2201758751

Date	Time	Treating Pressure	Flow Rate	Density	Volume	0	0	0	Message
	24 hr clock	psi	bbl/min	lb/gal	bbl	0	0	0	
2009-Feb-01	22:29	794	4.5	9.92	200.9	0	0	0	
2009-Feb-01	22:31	487	3.2	9.75	209.8	0	0	0	
2009-Feb-01	22:34	679	4.3	9.67	218.9	0	0	0	
2009-Feb-01	22:36	862	5.1	9.84	231.1	0	0	0	
2009-Feb-01	22:39	687	5.1	9.87	242.4	0	0	0	
2009-Feb-01	22:39								End Lead Slurry
2009-Feb-01	22:39	716	5.1	9.88	243.4	0	0	0	
2009-Feb-01	22:39								Start Mixing Lead Slurry
2009-Feb-01	22:39	678	5.1	9.89	243.9	0	0	0	
2009-Feb-01	22:39								Lead #2, 12.0 ppg, 2,16 ft^3/sk
2009-Feb-01	22:39	669	5.1	9.99	246.2	0	0	0	
2009-Feb-01	22:40								297 bbls of lead #2
2009-Feb-01	22:40	657	5.1	10.12	247.9	0	0	0	
2009-Feb-01	22:41								Silos #0672, #4372
2009-Feb-01	22:41	459	4.4	10.54	253.3	0	0	0	
2009-Feb-01	22:41	493	4.4	10.80	255.8	0	0	0	
2009-Feb-01	22:44	317	4.5	11.60	267.0	0	0	0	
2009-Feb-01	22:46	254	4.4	11.87	278.1	0	0	0	
2009-Feb-01	22:49	224	4.4	11.90	289.2	0	0	0	
2009-Feb-01	22:51	242	4.5	11.94	300.3	0	0	0	
2009-Feb-01	22:54	244	4.4	12.01	311.5	0	0	0	
2009-Feb-01	22:56	262	4.5	12.06	322.6	0	0	0	
2009-Feb-01	22:59	249	4.5	11.97	333.7	0	0	0	
2009-Feb-01	23:01	250	4.5	12.05	344.8	0	0	0	
2009-Feb-01	23:04	248	4.4	12.05	355.9	0	0	0	
2009-Feb-01	23:06	249	4.5	12.07	367.1	0	0	0	
2009-Feb-01	23:09	259	4.4	12.02	378.2	0	0	0	
2009-Feb-01	23:11	245	4.5	12.02	389.3	0	0	0	
2009-Feb-01	23:14	259	4.3	12.10	400.4	0	0	0	
2009-Feb-01	23:16	246	4.4	12.06	411.6	0	0	0	
2009-Feb-01	23:19	249	4.4	12.04	422.7	0	0	0	
2009-Feb-01	23:21	256	4.4	12.08	433.8	0	0	0	
2009-Feb-01	23:24	259	4.4	12.05	444.9	0	0	0	
2009-Feb-01	23:26	255	4.5	12.17	456.1	0	0	0	
2009-Feb-01	23:29	285	4.5	12.25	467.2	0	0	0	
2009-Feb-01	23:31	274	4.4	12.14	478.3	0	0	0	
2009-Feb-01	23:34	274	4.4	12.14	489.4	0	0	0	
2009-Feb-01	23:36	304	4.4	12.39	500.5	0	0	0	
2009-Feb-01	23:39	313	4.5	12.46	511.7	0	0	0	
2009-Feb-01	23:41	83	2.0	12.41	520.4	0	0	0	
2009-Feb-01	23:44	77	2.0	13.70	525.5	0	0	0	
2009-Feb-01	23:46	99	2.0	15.08	529.2	0	0	0	
2009-Feb-01	23:46								End Lead Slurry
2009-Feb-01	23:46	97	2.0	15.09	529.4	0	0	0	
2009-Feb-01	23:46								Start Mixing Tail Slurry
2009-Feb-01	23:46	102	2.0	15.20	530.6	0	0	0	
2009-Feb-01	23:47	114	2.1	15.19	531.1	0	0	0	
2009-Feb-01	23:47								Start tail, 15.6 ppg, 1.19 ft^3/sk
2009-Feb-01	23:47								14 bbls, truck 07849 front bottle
2009-Feb-01	23:47	111	3.2	15.19	531.9	0	0	0	
2009-Feb-01	23:49	419	4.3	15.65	540.2	0	0	0	
2009-Feb-01	23:50	58	0.4	15.24	542.4	0	0	0	
2009-Feb-01	23:50								End Tail Slurry

Well	Field	Service Date	Customer	Job Number
Latigo Ranch 2 #34	Wildcat	0931-Jan-31	SHELL OIL COMPANY	2201758751

Date	Time	Treating Pressure	Flow Rate	Density	Volume	0	0	0	Message
	24 hr clock	psi	bbl/min	lb/gal	bbl	0	0	0	
2009-Feb-01	23:51	1	0.0	15.22	542.4	0	0	0	
2009-Feb-01	23:53								Washing up trucks
2009-Feb-01	23:53	47	1.8	8.30	543.2	0	0	0	
2009-Feb-01	23:54	75	3.3	9.08	546.1	0	0	0	
2009-Feb-01	23:56	151	4.4	8.33	556.4	0	0	0	
2009-Feb-01	23:59	114	4.4	8.50	567.5	0	0	0	
2009-Feb-02	0:01	23	0.3	8.33	570.3	0	0	0	
2009-Feb-02	0:02								Start Displacement
2009-Feb-02	0:02	25	0.3	8.32	570.5	0	0	0	
2009-Feb-02	0:02								206.5 bbls of 3% KCl water
2009-Feb-02	0:02	26	0.3	8.33	570.5	0	0	0	
2009-Feb-02	0:04	102	4.4	8.45	573.5	0	0	0	
2009-Feb-02	0:06	63	3.3	8.46	582.2	0	0	0	
2009-Feb-02	0:09	63	2.2	8.47	588.5	0	0	0	
2009-Feb-02	0:11								Have circulation
2009-Feb-02	0:11	91	3.6	8.47	596.3	0	0	0	
2009-Feb-02	0:11	95	3.6	8.47	597.1	0	0	0	
2009-Feb-02	0:11								Plug away @ 12:05 NMT
2009-Feb-02	0:11	95	3.5	8.47	597.1	0	0	0	
2009-Feb-02	0:14	97	3.6	8.47	606.2	0	0	0	
2009-Feb-02	0:17	95	3.6	8.47	615.2	0	0	0	
2009-Feb-02	0:19	94	3.6	8.47	624.3	0	0	0	
2009-Feb-02	0:22	92	3.6	8.47	633.3	0	0	0	
2009-Feb-02	0:24	91	3.6	8.47	642.4	0	0	0	
2009-Feb-02	0:27	90	3.6	8.47	651.4	0	0	0	
2009-Feb-02	0:29	60	1.9	8.47	660.1	0	0	0	
2009-Feb-02	0:32	13	0.0	8.47	662.0	0	0	0	
2009-Feb-02	0:34	424	4.1	8.48	667.9	0	0	0	
2009-Feb-02	0:34	247	3.5	8.48	669.2	0	0	0	
2009-Feb-02	0:34								98 bbls away
2009-Feb-02	0:37	336	3.6	8.50	676.8	0	0	0	
2009-Feb-02	0:39	436	3.5	8.50	685.6	0	0	0	
2009-Feb-02	0:41	510	3.5	8.50	693.2	0	0	0	
2009-Feb-02	0:41								120 bbls away
2009-Feb-02	0:42	544	3.5	8.50	694.5	0	0	0	
2009-Feb-02	0:44	623	3.5	8.50	703.3	0	0	0	
2009-Feb-02	0:47	755	3.5	8.50	712.2	0	0	0	
2009-Feb-02	0:47								140 bbls away
2009-Feb-02	0:47	780	3.5	8.50	714.1	0	0	0	
2009-Feb-02	0:49	896	3.5	8.50	721.0	0	0	0	
2009-Feb-02	0:52	1012	3.5	8.50	729.8	0	0	0	
2009-Feb-02	0:54	1132	3.6	8.50	738.7	0	0	0	
2009-Feb-02	0:57	1263	3.5	8.50	747.6	0	0	0	
2009-Feb-02	0:59	1484	3.6	8.47	756.4	0	0	0	
2009-Feb-02	1:00								184 bbls away
2009-Feb-02	1:00	1565	3.5	8.45	760.0	0	0	0	
2009-Feb-02	1:02	1601	3.5	8.44	765.3	0	0	0	
2009-Feb-02	1:04	1561	1.9	8.35	774.2	0	0	0	
2009-Feb-02	1:07	2256	0.0	8.35	774.7	0	0	0	
2009-Feb-02	1:09	11	0.0	8.35	774.7	0	0	0	
2009-Feb-02	1:11	13	0.0	8.35	774.7	0	0	0	
2009-Feb-02	1:11								End Displacement
2009-Feb-02	1:11	14	0.0	8.35	774.7	0	0	0	

Well	Field	Service Date	Customer	Job Number
Latigo Ranch 2 #34	Wildcat	0931-Jan-31	SHELL OIL COMPANY	2201758751

Date	Time (24 hr clock)	Treating Pressure (psi)	Flow Rate (bbl/min)	Density (lb/gal)	Volume (bbl)	0	0	0	Message
2009-Feb-02	1:11								206.5 bbls of 3% KCl pumped
2009-Feb-02	1:11	14	0.0	8.35	774.7	0	0	0	
2009-Feb-02	1:11								Maintained returns
2009-Feb-02	1:12	10	0.0	8.35	774.7	0	0	0	
2009-Feb-02	1:12	11	0.0	8.35	774.7	0	0	0	
2009-Feb-02	1:12								1600 psi before bumping, bumped to 2300 psi
2009-Feb-02	1:14								Plug down at 1:05 NMT
2009-Feb-02	1:14	11	0.4	8.35	775.0	0	0	0	
2009-Feb-02	1:14	11	0.4	8.35	775.0	0	0	0	
2009-Feb-02	1:14								End Job
2009-Feb-02	1:14	11	0.4	8.35	775.1	0	0	0	

Post Job Summary

Average Pump Rates, bpm

Slurry	N2	Mud	Maximum Rate
4			6

Volume of Fluid Injected, bbl

Total Slurry	Mud	Spacer	N2
437	0	100	

Treating Pressure Summary, psi

Maximum	Final	Average	Bump Plug to	Breakdown
2300		600	2300	

Breakdown Fluid

Volume	Density
bbl	lb/gal

Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp
%	437 bbl	206.5 bbl	50 °F

☐ Cement Circulated to Surface? Volume bbl

☐ Washed Thru Perfs To ft

Customer or Authorized Representative	Schlumberger Supervisor		
Saunders, Bernie	Schuman, Christopher	☐ CirculationLost	☑ Job Completed