PN

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr , Hobbs, NM 88240
District II
1301 W. Grand Ave , Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S St Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
May 27, 2004

WELL API NO.
30 – 045 - 13142

5. Indicate Type of Lease
STATE ☐ FEE ☒

6. State Oil & Gas Lease No.
Fee

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name
COMPASS

1. Type of Well: Oil Well ☒ Gas Well ☐ Other

8. Well Number **#1**

2. Name of Operator
Noble Energy, Inc. / PATINA

9. OGRID Number
173252

3. Address of Operator
5802 US Highway 64, Farmington, NM 87401

10. Pool name or Wildcat
Basin Dakota / Blanco Mesa Verde

4. Well Location
Unit Letter J : 1690 feet from the South line and 1986 feet from the East line
Section 22 Township 31N Range 13W NMPM County San Juan

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
5621'

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type_____ Depth to Groundwater_____ Distance from nearest fresh water well_____ Distance from nearest surface water_____

Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☒
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
OTHER: ☐		OTHER: ☐	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Noble Energy, Inc. has plugged and abandoned the subject well.

See Attached job summary and plug settings.

RCVD JAN 17 '08
OIL CONS. DIV.
DIST. 3

I hereby certify that the information above is true and complete to the best of my knowledge and belief. **I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.**

SIGNATURE Billie Mazy TITLE District Manager DATE 1/16/2008

Type or print name
For State Use Only

E-mail address: Telephone No. 505.632.8056

APPROVED BY: Kathy G. Roberts TITLE Deputy Oil & Gas Inspector, District #3 DATE 1/29/08

Conditions of Approval (if any):

8

Noble Energy, Inc.

Compass #1
"P", Sec. 22, T31N – R13W
San Juan County

Plug & Abandonment Report

	Formation	Plug Set	Sacks Cement
Plug #1	Dakota	6356' – 5909'	50 sx
Plug #2	Mancos – Lookout Point	4620' – 4062'	65 sx
Plug #3	Menefee – Cliffhouse	3879' – 3251'	75 sx
Plug #4	Lewis – Picture Cliffs	2008' – 1660'	41 sx
Plug #5	Fruitland	1550' – 1145'	47 sx
Plug #6	Surface	440' – Surface	39 sx
Plug #7	Braidenhead	Cemented to surface	

10/26/2007:

Safety meeting. Service rig.. RU a wireline truck and attempt to run a free point. Could not get past 2400 ft. POOH with the freepoint tool. PU sinker bars and drive the obstruction down to the SN at 6410 ft. RIH with a free point tool and determined that the tubing is stuck at 6375 ft. RIH with a chemical cutter and cut the tubing off at 6372 ft. RD the wireline truck.. POOH - strapping pipe. SWIFN.

10/29/2007:

Safety meeting. Service rig.. PU an overshot jars, 4 drill collars, etc. RIH to a tight spot at 3869 ft. Attempt to work thru it, with out success. POOH-LD fishing tools. PU a 4 3/4" tapered mill and RIH to the tight spot for 2 1/2 hours. Made 5 inches. POOH with the mill. PU a sub with a 3/18" OD and RIH thru the tight spot and on down to the top of the fish. POOH with the sub. SWIFN.

10/30/2007:

Safety meeting. Service rig.. PU a 3 1/8" overshot, jars, etc. RIH to top of fish. Attempt to latch onto the fish, without success. POOH. (The guide of the overshot was marked up pretty bad, indicating that we were on top of the fish and not over it). RIH with a 3 5/8" overshot and attempted to latch onto the fish, without success. POOH. LD tools. SWIFN.

10/31/2007:

Safety meeting. Service rig.. PU a 3 5/8" impression block and RIH with the tubing to the top of the fish. Set down on the fish with the impression block. POOH and inspect the impression block. LD fishing tools and the drill collars. RIH with the tubing. Land the tubing. RD floor, tongs, etc. ND BOP. NU wellhead.. RD rig and equipment. Release rig at 17:30 hours on 07/31/07.

11/26/2007:

Formation	Plug Set	Sacks Cement
Plug #1 Dakota	6356' – 5909'	50 sx
Plug #2 Mancos – Lookout Point	4620' – 4062'	65 sx
Plug #3 Menefee – Cliffhouse	3879' – 3251'	75 sx

11/27/2007:

Formation	Plug Set	Sacks Cement
Plug #4 Lewis – Picture Cliffs	2008' – 1660'	41 sx
Plug #5 Fruitland	1550' – 1145'	47 sx
Plug #6 Surface	440' – Surface	39 sx
Plug #7 Braidenhead	Cemented to surface	

RELEASE RIG AT 16:30 HOURS ON 11/27/07.

Schlumberger

Cementing Service Report

Customer	Job Number
NOBLE ENERGY PRODUCTION INC	2206949198

Well	Location (legal)	Schlumberger Location	Job Start
Compass 1		Farmington, NM	2007-Nov-26

Field	Formation Name/Type	Deviation	Bit Size	Well MD	Well TVD
Basin		°	in	6,500 ft	6,500 ft

County	State/Province	BHP	BHST	BHCT	Pore Press. Gradient
San Juan	NM	psi	174 °F	130 °F	psi/ft

Well Master: 0630972565	API / UWI:

Rig Name	Drilled For	Service Via
AKE WELL SERVICI	Gas	Land

Offshore Zone	Well Class	Well Type
	Old	Workover

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

Service Line	Job Type
Cementing	Plug & Abandon

Max. Allowed Tubing Pressure	Max. Allowed Ann. Pressure	WellHead Connection
1500 psi	psi	2 3/8" 4.7# T/S

Service Instructions

P&A well per customer requirements:
1st plug depth - +/- 6300'
Take 400 sxs of Class G, and 400 lbs of S-1 on side.
Client asked to bring 100 lbs of sugar for washing up into rig tank.
Said job called for 285 sxs but bring 400 sxs

Casing/Liner

Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
6500	5.5	15.5	K55	8RD

Tubing/Drill Pipe

Depth,	Size, in	Weight, lb/ft	Grade	Thread
6300	2.375	4.6	J55	N/A

Perforations/Open Hole

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

Treat Down	Displacement	Packer Type	Packer Depth
Tubing	22 bbl	None	ft

Tubing Vol.	Casing Vol.	Annular Vol.	OpenHole Vol
24.4 bbl	155 bbl	130 bbl	bbl

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

Lift Pressure: psi

Pipe Rotated ☐ Pipe Reciprocated ☐

No. Centralizers: Top Plugs: Bottom Plugs:

Cement Head Type:

Job Scheduled For:	Arrived on Location:	Leave Location:
11/26/2007 7:00	2007-Nov-26 7:30	2007-Nov-27 14:30

Casing Tools

Shoe Type:	
Shoe Depth:	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)	Density (lb/gal)	Flow Rate (bbl/min)	CMT NRD RATE (bbl/min)	CMT NRD STG TOTAL2 (bbl)	CMT NRD TOTAL2 (bbl)	Volume (bbl)	Message
2007-Nov-26	9:23	5	7.42	0.0	0.0	0.0	0.0	0.0	
2007-Nov-26	9:23								Load Hole
2007-Nov-26	9:23	0	7.42	0.0	0.0	0.0	0.0	0.0	
2007-Nov-26	9:24	0	7.42	0.0	0.0	0.0	0.0	0.0	
2007-Nov-26	9:25	0	8.21	0.0	1.1	0.0	0.0	0.0	
2007-Nov-26	9:26	69	8.38	1.0	1.2	1.2	1.2	0.8	
2007-Nov-26	9:27	87	8.38	1.0	1.1	2.2	2.2	1.8	
2007-Nov-26	9:28	119	8.38	1.0	1.1	3.3	3.3	2.8	
2007-Nov-26	9:29	142	8.38	1.0	1.0	4.3	4.3	3.8	
2007-Nov-26	9:30	37	8 38	0.0	0.0	4.9	4.9	4.3	
2007-Nov-26	9:30	27	8.38	0.0	0.0	4.9	4.9	4.3	
2007-Nov-26	9:30								Pressure Test Lines
2007-Nov-26	9:31	1918	8.38	0.0	0.0	4.9	4.9	4.3	
2007-Nov-26	9:32	18	8.37	0.0	0.0	5.0	5.0	4.3	
2007-Nov-26	9:33	32	8.38	0.0	0.0	5.0	5.0	4.3	
2007-Nov-26	9:34	27	8.38	0.0	0.0	5.0	5.0	4.3	
2007-Nov-26	9 35	32	8.39	0.0	0.0	5.0	5.0	4.3	
2007-Nov-26	9:36	32	8.19	0.0	0.0	5.0	5.0	4 3	
2007-Nov-26	9:37	27	8.38	0.0	0.0	5.0	5.0	4.3	
2007-Nov-26	9:38	27	8.36	0.0	0.0	5.0	5.0	4.3	
2007-Nov-26	9:39	9	8.43	0.0	0.0	5.0	5.0	4.3	
2007-Nov-26	9:40	27	8.75	0.0	0.0	5.0	5.0	4.3	

Well	Field	Service Date	Customer	Job Number
Compass #1	Basin	07330-Nov-26	NOBLE ENERGY PRODUCTION INC	2206949198

Date	Time	Treating Pressure	Density	Flow Rate	CMT NRD RATE	CMT NRD STG TOTAL2	CMT NRD TOTAL2	Volume	Message
	24 hr clock	psi	lb/gal	bbl/min	bbl/min	bbl	bbl	bbl	
2007-Nov-26	9:41	27	8.78	0.0	2.9	5.7	5.7	4.3	
2007-Nov-26	9:42	23	8.45	0.0	2.4	8.5	8.5	4.3	
2007-Nov-26	9:43	27	8.38	0.0	2.3	11.0	11.0	4.3	
2007-Nov-26	9:44	27	8.38	0.0	2.2	13.3	13.3	4.3	
2007-Nov-26	9:45	27	8.36	0.0	2.4	15.5	15.5	4.3	
2007-Nov-26	9:46	27	7.80	0.0	0.0	16.5	16.5	4.3	
2007-Nov-26	9:47	27	8.35	0.0	0.0	0.0	16.5	4.3	
2007-Nov-26	9:48	23	12.24	0.0	0.0	0.0	16.5	4.3	
2007-Nov-26	9:48								Start Cement Slurry
2007-Nov-26	9:48	96	16.34	0.0	0.7	0.0	16.5	4.3	
2007-Nov-26	9:49	96	16.52	0.8	0.6	0.1	16.6	4.5	
2007-Nov-26	9:50	114	15.99	1.3	0.8	0.8	17.3	5.5	
2007-Nov-26	9:51	105	15.91	1.4	1.3	2.1	18.6	6.9	
2007-Nov-26	9:52	96	16.10	1.7	1.8	3.6	20.1	8.3	
2007-Nov-26	9:53	87	15.97	1.7	2.1	5.5	22.0	10.0	
2007-Nov-26	9:54	82	16.02	1.7	2.3	7.7	24.2	11.7	
2007-Nov-26	9:55	114	16.44	1.7	2.6	10.2	26.7	13.4	
2007-Nov-26	9:55	5	16.45	0.0	0.0	10.6	27.1	13.6	
2007-Nov-26	9:55								End Cement Slurry
2007-Nov-26	9:55								Start Displacement
2007-Nov-26	9:55	9	16.45	0.5	1.3	10.6	27.1	13.6	
2007-Nov-26	9:56	32	8.43	1.5	2.0	0.8	28.0	14.3	
2007-Nov-26	9:57	37	8.41	1.7	2.8	4.4	31.6	16.0	
2007-Nov-26	9:58	37	8.40	1.7	2.8	7.2	34.4	17.7	
2007-Nov-26	9:59	41	8.40	1.7	2.8	9.9	37.2	19.4	
2007-Nov-26	10:00	46	8.45	1.7	2.8	12.8	40.0	21.1	
2007-Nov-26	10:01	46	8.45	1.7	2.7	15.6	42.8	22.8	
2007-Nov-26	10:02	46	8.45	1.7	2.2	18.1	45.3	24.5	
2007-Nov-26	10:03	46	8.45	1.7	1.7	20.1	47.3	26.2	
2007-Nov-26	10:04	55	8.41	1.7	1.1	21.4	48.6	27.9	
2007-Nov-26	10:04	5	8.40	0.0	0.0	21.8	49.0	28.3	
2007-Nov-26	10:04								End Displacement
2007-Nov-26	10:05	9	8.40	0.0	0.0	21.8	49.0	28.3	
2007-Nov-26	10:06	9	8.38	0.0	0.0	21.8	49.0	28.3	
2007-Nov-26	10:07	9	8.25	0.0	0.0	21.8	49.0	28.3	
2007-Nov-26	10:08	9	8.25	0.0	0.0	21.8	49.0	28.3	
2007-Nov-26	10:09	9	8.28	0.0	0.0	21.8	49.0	28.3	
2007-Nov-26	10:10	9	8.28	0.0	0.0	21.8	49.0	28.3	
2007-Nov-26	10:11	9	8.28	0.0	0.0	21.8	49.0	28.3	
2007-Nov-26	10:12	9	8.28	0.0	0.0	21.8	49.0	28.3	
2007-Nov-26	10:13	9	8.28	0.0	0.0	21.8	49.0	28.3	
2007-Nov-26	10:14	9	8.29	0.0	0.0	21.8	49.0	28.3	
2007-Nov-26	10:15	9	8.30	0.0	0.0	21.8	49.0	28.3	
2007-Nov-26	10:16	14	8.30	0.0	0.0	21.8	49.0	28.3	
2007-Nov-26	10:17	14	8.30	0.0	0.0	21.8	49.0	28.3	
2007-Nov-26	10:18	9	8.30	0.0	0.0	21.8	49.0	28.3	
2007-Nov-26	10:19	14	8.30	0.0	0.0	21.8	49.0	28.3	
2007-Nov-26	10:20	14	8.30	0.0	0.0	21.8	49.0	28.3	
2007-Nov-26	10:21	9	8.30	0.0	0.0	21.8	49.0	28.3	
2007-Nov-26	10:22	9	8.30	0.0	0.0	21.8	49.0	28.3	
2007-Nov-26	10:23	14	8.30	0.0	0.0	21.8	49.0	28.3	
2007-Nov-26	10:24	9	8.30	0.0	0.0	21.8	49.0	28.3	
2007-Nov-26	10:25	14	8.31	0.0	0.0	21.8	49.0	28.3	
2007-Nov-26	10:26	14	8.31	0.0	0.0	21.8	49.0	28.3	

Well	Field	Service Date	Customer	Job Number
Compass #1	Basin	07330-Nov-26	NOBLE ENERGY PRODUCTION INC	2206949198

Date	Time	Treating Pressure	Density	Flow Rate	CMT NRD RATE	CMT NRD STG TOTAL2	CMT NRD TOTAL2	Volume	Message
	24 hr clock	psi	lb/gal	bbl/min	bbl/min	bbl	bbl	bbl	
2007-Nov-26	10:27	9	8.31	0.0	0.0	21.8	49.0	28.3	
2007-Nov-26	10:28	9	8.31	0.0	0.0	21.8	49.0	28.3	
2007-Nov-26	10:29	14	8.31	0.0	0.0	21.8	49.0	28.3	
2007-Nov-26	10:30	14	8.31	0.0	0.0	21.8	49.0	28.3	
2007-Nov-26	10:31	5	8.31	0.0	0.0	21.8	49.0	28.3	
2007-Nov-26	10:32	9	8.31	0.0	0.0	21.8	49.0	28.3	
2007-Nov-26	10:32								Reverse out Tubing
2007-Nov-26	10:32	5	8.31	0.0	0.0	21.8	49.0	28.3	
2007-Nov-26	10:33	9	8.31	0.0	0.0	21.8	49.0	28.3	
2007-Nov-26	10:34	9	8.32	0.0	0 0	21.8	49.0	28.3	
2007-Nov-26	10:35	224	8.40	1.7	1 4	1.4	50.5	29.1	
2007-Nov-26	10:36	9	8.41	0.0	0.0	1.7	50.7	29.3	
2007-Nov-26	10:37	9	8.41	0.0	0.1	1.7	50.7	29.3	
2007-Nov-26	10:38	174	8.41	1.7	1.3	2.7	51.7	30.4	
2007-Nov-26	10:39	183	8.40	1.7	1.3	3.9	52.9	32.1	
2007-Nov-26	10:40	169	8.40	1.7	1.4	5.2	54.2	33.8	
2007-Nov-26	10:41	169	8.40	1.7	1.3	6.5	55.5	35.5	
2007-Nov-26	10:42	174	8.39	1.7	1 5	7.8	56.9	37.2	
2007-Nov-26	10:43	174	8.39	1.7	1.5	9 2	58.2	38.9	
2007-Nov-26	10:44	179	8.39	1.7	1.3	10.5	59.6	40.6	
2007-Nov-26	10:45	169	8.39	1.7	1.3	11.9	60.9	42.4	
2007-Nov-26	10:46	174	8.39	1.7	1.3	13.2	62.3	44.1	
2007-Nov-26	10:47	192	8.39	1.7	1.2	14.5	63.5	45.8	
2007-Nov-26	10:48	169	8.39	1.7	1.0	15.8	64.8	47.5	
2007-Nov-26	10:49	188	8.39	1.7	1.1	17.0	66.0	49.2	
2007-Nov-26	10:50	201	8.39	1.7	1.3	18.3	67.3	50.9	
2007-Nov-26	10:51	298	8.39	1.7	1.8	19.7	68.7	52.6	
2007-Nov-26	10:52	55	8.39	0.0	0.0	20.6	69.7	53.5	
2007-Nov-26	10:53	339	8.39	1.7	1.7	21.8	70.8	54.6	
2007-Nov-26	10.54	330	8.39	1.7	1.8	23.5	72.6	56.3	
2007-Nov-26	10:55	275	8.39	1.7	1.8	25.3	74.3	58.0	
2007-Nov-26	10:56	9	8.39	0.0	0.0	26.2	75.2	58.8	
2007-Nov-26	10:57	9	8.39	0.0	0.0	26.2	75.2	58.8	
2007-Nov-26	10:58	9	8.39	0.0	0.0	26.2	75.2	58.8	
2007-Nov-26	10:58								Wash Pump, WOC
2007-Nov-26	10:58	9	8.39	0.0	0.0	26.2	75.2	58.8	
2007-Nov-26	12:42	23	8.45	0 0	0.0	0.0	75.2	58.8	
2007-Nov-26	12:42								Start 2nd Plug
2007-Nov-26	12:43	23	8.45	0.0	0.0	0.0	75.2	58.8	
2007-Nov-26	12.44	18	8 45	0.0	0.0	0 0	75.2	58.8	
2007-Nov-26	12:45	50	8.38	1.1	1.3	0.7	75.9	59.0	
2007-Nov-26	12:45								Reset Total, Vol = 0.52 bbl
2007-Nov-26	12:45	-18	8.38	0.0	0.0	1.2	76.4	59.3	
2007-Nov-26	12:46	0	8.44	0.0	0.0	0.0	76.4	59.3	
2007-Nov-26	12:47	9	14 33	0.0	0.0	0.0	76.4	59.3	
2007-Nov-26	12:47	110	15.90	0.3	3.0	0.0	76.4	59.3	
2007-Nov-26	12:47								Start Cement Slurry
2007-Nov-26	12:48	197	16.04	1.7	1.7	0.8	77.2	60.0	
2007-Nov-26	12:49	101	15.88	1.7	1.7	2.5	78.9	61.7	
2007-Nov-26	12:50	96	16.07	1.7	2.2	4.4	80.8	63.4	
2007-Nov-26	12:51	92	15.92	1.7	2.5	6.8	83.2	65.1	
2007-Nov-26	12:52	87	15.93	1.7	2.8	9.4	85.8	66.8	
2007-Nov-26	12:53	82	16.09	1.7	3.0	12.3	88.7	68.5	
2007-Nov-26	12:54	55	8.42	1.7	3.1	15.3	91.7	70.2	

Well	Field	Service Date	Customer	Job Number
Compass #1	Basin	07330-Nov-26	NOBLE ENERGY PRODUCTION INC	2206949198

Date	Time	Treating Pressure	Density	Flow Rate	CMT NRD RATE	CMT NRD STG TOTAL2	CMT NRD TOTAL2	Volume	Message
	24 hr clock	psi	lb/gal	bbl/min	bbl/min	bbl	bbl	bbl	
2007-Nov-26	12:54								End Cement Slurry
2007-Nov-26	12:54	32	8.39	1.7	3.2	16.8	93.2	71.0	
2007-Nov-26	12:54								Start Displacement
2007-Nov-26	12:54	37	8.39	1.7	3.2	17.0	93.3	71.1	
2007-Nov-26	12:55	37	8.38	1.7	3.1	18.5	94.9	71.9	
2007-Nov-26	12:56	46	8.38	1.7	3.0	21.6	98.0	73.6	
2007-Nov-26	12.57	55	8.38	1.7	2.6	24.4	100.8	75.3	
2007-Nov-26	12:58	55	8.42	1.7	2 2	26.8	103.2	77.0	
2007-Nov-26	12:58								End Displacement
2007-Nov-26	12:58	5	8 42	0.0	1.3	28.6	105.0	78.6	
2007-Nov-26	12:59	-5	8.42	0.0	0.6	28.6	105.0	78.6	
2007-Nov-26	13:00	0	8.43	0.0	0.0	28.7	105.0	78.6	
2007-Nov-26	13:01	5	8.43	0.0	0.0	28.7	105.0	78.6	
2007-Nov-26	13:02	9	8.43	0.0	0.0	28.7	105.0	78.6	
2007-Nov-26	13:03	9	8.43	0.0	0.0	28.7	105.0	78.6	
2007-Nov-26	13:04	9	8.43	0.0	0.0	28.7	105.0	78.6	
2007-Nov-26	13:05	9	8.43	0.0	0.0	28.7	105.0	78.6	
2007-Nov-26	13:06	14	8.43	0.0	0.0	28.7	105.0	78.6	
2007-Nov-26	13:07	14	8.42	0.0	0.0	28.7	105.0	78.6	
2007-Nov-26	13:08	14	8.42	0.0	0.0	28.7	105.0	78.6	
2007-Nov-26	13:09	14	8.42	0.0	0.0	28.7	105.0	78.6	
2007-Nov-26	13:10	14	8.42	0.0	0.0	28.7	105.0	78.6	
2007-Nov-26	13:11	14	8.42	0.0	0.0	28.7	105.0	78.6	
2007-Nov-26	13:12	14	8.42	0.0	0.0	28.7	105.0	78.6	
2007-Nov-26	13:13	14	8.42	0.0	0.0	28.7	105.0	78.6	
2007-Nov-26	13:14	14	8.42	0.0	0.0	28.7	105.0	78.6	
2007-Nov-26	13:15	14	8.42	0.0	0.0	28.7	105.0	78.6	
2007-Nov-26	13:16	14	8.42	0.0	0.0	28 7	105.0	78.6	
2007-Nov-26	13:17	14	8.42	0.0	0.0	28.7	105.0	78.6	
2007-Nov-26	13:18	14	8.42	0.0	0.0	28.7	105.0	78.6	
2007-Nov-26	13:19	14	8.42	0.0	0.0	28.7	105.0	78.6	
2007-Nov-26	13:20	14	8.42	0.0	0.0	28.7	105.0	78.6	
2007-Nov-26	13:21	14	8.42	0.0	0.0	28.7	105.0	78.6	
2007-Nov-26	13:21								Reverse Out Tubing
2007-Nov-26	13:21	14	8.25	0.0	0.0	28.7	105.0	78.6	
2007-Nov-26	13:22	14	8.41	0.0	0.0	0.0	105.0	78.6	
2007-Nov-26	13:23	124	8.40	1.9	1.3	1.9	107.0	79.8	
2007-Nov-26	13:24	165	8.40	1 7	1.5	3.3	108.4	81.6	
2007-Nov-26	13:25	174	8.39	1.7	1.2	4.7	109.8	83.3	
2007-Nov-26	13:26	101	8.39	1.7	1.0	6.1	111.2	85.0	
2007-Nov-26	13:27	151	8.39	1.7	1.2	7.5	112.6	86.7	
2007-Nov-26	13:28	229	8.39	1.7	1.4	8.9	114.0	88.4	
2007-Nov-26	13:29	174	8.39	1.7	1.5	10.2	115.3	90.1	
2007-Nov-26	13:30	78	8.38	1.7	1.4	11.6	116.7	91.8	
2007-Nov-26	13:31	32	8.35	0.0	0.1	13.0	118.1	93.3	
2007-Nov-26	13:32	206	8.38	1.7	1.7	13.8	118.8	93.9	
2007-Nov-26	13:33	233	8.38	1.7	1.8	15.6	120.6	95.6	
2007-Nov-26	13.34	206	8.38	1.7	1.8	17.5	122.5	97.3	
2007-Nov-26	13:35	27	8.38	0.0	0.0	18.4	123.5	98.1	
2007-Nov-26	13:36	9	8.38	0.0	0.0	18.4	123.5	98.1	
2007-Nov-26	13:36								Wash Up and WOC
2007-Nov-26	13:36	9	8.38	0.0	0.0	18.4	123.5	98.1	
2007-Nov-26	15:12	14	7.85	0.0	0.0	0.0	123.5	98.1	
2007-Nov-26	15:12								Start 3rd Plug

Well	Field	Service Date	Customer	Job Number
Compass #1	Basin	07330-Nov-26	NOBLE ENERGY PRODUCTION INC	2206949198

Date	Time	Treating Pressure	Density	Flow Rate	CMT NRD RATE	CMT NRD STG TOTAL2	CMT NRD TOTAL2	Volume	Message
	24 hr clock	psi	lb/gal	bbl/min	bbl/min	bbl	bbl	bbl	
2007-Nov-26	15:12	18	8.02	0.0	0.0	0.0	123.5	98.1	
2007-Nov-26	15:13	37	7.41	1.4	0.0	0.0	123.5	98.5	
2007-Nov-26	15:14	14	8.38	0.0	0.0	0.2	123.7	99.0	
2007-Nov-26	15:15	18	14.29	0.0	0.0	0.2	123.7	99.0	
2007-Nov-26	15:16	165	15.93	1.7	1.6	0.7	124.4	99.6	
2007-Nov-26	15:17	220	15.68	2.4	2.2	2.5	126.2	101.4	
2007-Nov-26	15:18	156	16.08	2.5	2.5	4.8	128.6	103.8	
2007-Nov-26	15:19	92	16.05	2.5	2.8	7.4	131.1	106.3	
2007-Nov-26	15:20	82	16.31	2.5	2.9	2.1	133.9	108.8	
2007-Nov-26	15:21	82	16.31	2.5	3.1	5.1	136.9	111.3	
2007-Nov-26	15:22	64	9.79	2.5	2.7	8.3	140.0	113.8	
2007-Nov-26	15:22								End Cement, 15.6 bbl pumped
2007-Nov-26	15:22	69	9.02	2.5	3.0	0.1	140.2	114.0	
2007-Nov-26	15:22								Start Displacement
2007-Nov-26	15:22	69	8.81	2.5	3.5	0.2	140.3	114.1	
2007-Nov-26	15:23	32	8.39	2.5	3.2	3.1	143.2	116.3	
2007-Nov-26	15:24	46	8.38	2.5	2.9	6.1	146.2	118.8	
2007-Nov-26	15:25	142	8.38	2.5	2.6	8.7	148.8	121.3	
2007-Nov-26	15:26	-5	8.42	0.0	0.0	11.0	151.1	123.5	
2007-Nov-26	15:26	-9	8.43	0.0	0.0	11.0	151.1	123.5	
2007-Nov-26	15:26								End Displacement
2007-Nov-26	15:27	0	8.43	0.0	0.0	0.0	151.1	123.5	
2007-Nov-26	15:28	14	8.43	0.0	0.0	0.0	151.1	123.5	
2007-Nov-26	15:29	18	8.43	0.0	0.0	0.0	151.1	123.5	
2007-Nov-26	15:30	18	8.43	0.0	0.0	0.0	151.1	123.5	
2007-Nov-26	15:31	18	8.43	0.0	0.0	0.0	151.1	123.5	
2007-Nov-26	15:32	18	8.43	0.0	0.0	0.0	151.1	123.5	
2007-Nov-26	15:33	18	8.43	0.0	0.0	0.0	151.1	123.5	
2007-Nov-26	15:34	9	8.43	0.0	0.0	0.0	151.1	123.5	
2007-Nov-26	15:35	0	1.33	0.0	0.0	0.0	151.1	123.5	
2007-Nov-26	15:36	5	8.09	0.0	0.0	0.0	151.1	123.5	
2007-Nov-26	15:37	0	9.29	0.0	0.0	0.0	151.1	123.5	
2007-Nov-26	15:38	0	9.22	0.0	0.0	0.0	151.1	123.5	
2007-Nov-26	15:39	14	9.02	0.0	0.0	0.0	151.1	123.5	
2007-Nov-26	15:40	9	8.99	0.0	0.0	0.0	151.1	123.5	
2007-Nov-26	15:41	14	8.96	0.0	0.0	0.0	151.1	123.5	
2007-Nov-26	15:42	14	8.94	0.0	0.0	0.0	151.1	123.5	
2007-Nov-26	15:43	9	8.93	0.0	0.0	0.0	151.1	123.5	
2007-Nov-26	15:44	14	8.92	0.0	0.0	0.0	151.1	123.5	
2007-Nov-26	15:45	14	8.91	0.0	0.0	0.0	151.1	123.5	
2007-Nov-26	15:46	18	8.91	0.0	0.0	0.0	151.1	123.5	
2007-Nov-26	15:46								Crew released for day
2007-Nov-26	15:46	9	8.90	0.0	0.0	0.0	151.1	123.5	
2007-Nov-27	10:30								Resume 2nd Day
2007-Nov-27	10:30	9	8.38	0.0	0.0	0.0	151.1	123.5	
2007-Nov-27	10:31	9	8.38	0.0	0.0	0.0	151.1	123.5	
2007-Nov-27	10:32	9	8.38	0.0	0.0	0.0	151.1	123.5	
2007-Nov-27	10:33	403	8.38	0.0	0.0	0.6	151.7	123.8	
2007-Nov-27	10:34	494	8.38	0.0	0.0	0.7	151.8	123.8	
2007-Nov-27	10:35	9	8.38	0.0	0.0	0.7	151.8	123.8	
2007-Nov-27	10:36	14	8.38	0.0	0.0	0.7	151.8	123.8	
2007-Nov-27	10:37	9	8.38	0.0	0.0	0.7	151.8	123.8	
2007-Nov-27	10:38	9	8.38	0.2	0.9	1.5	152.6	124.2	
2007-Nov-27	10:39	2527	8.38	0.0	0.0	1.7	152.8	124.3	

Well	Field	Service Date	Customer	Job Number
Compass #1	Basin	07330-Nov-26	NOBLE ENERGY PRODUCTION INC	2206949198

Date	Time	Treating Pressure	Density	Flow Rate	CMT NRD RATE	CMT NRD STG TOTAL2	CMT NRD TOTAL2	Volume	Message
	24 hr clock	psi	lb/gal	bbl/min	bbl/min	bbl	bbl	bbl	
2007-Nov-27	10:40	9	8.38	0.0	0.0	1.7	152.8	124.3	
2007-Nov-27	10:41	27	8.38	0.3	0.3	1.8	152.8	124.3	
2007-Nov-27	10:42	430	8 38	0.0	0.0	1.9	153.0	124.6	
2007-Nov-27	10:43	467	8.38	0.4	0.0	1.9	153.0	124.6	
2007-Nov-27	10:44	568	8.38	0.0	0.0	2.0	153.0	124.6	
2007-Nov-27	10:45	563	8.38	0.0	0.0	2.0	153.1	124.6	
2007-Nov-27	10:46	563	8.38	0.0	0.0	2.0	153.1	124.6	
2007-Nov-27	10:47	563	8.38	0.0	0.0	2.0	153.1	124.6	
2007-Nov-27	10:48	558	8.38	0.0	0.0	2.0	153.1	124.6	
2007-Nov-27	10:49	554	8.38	0.0	0.0	2.0	153.1	124.6	
2007-Nov-27	10:50	549	8.38	0.0	0.0	2.0	153.1	124.6	
2007-Nov-27	10:51	545	8.38	0.0	0.0	2.0	153.1	124.6	
2007-Nov-27	10:52	545	8.38	0.0	0.0	2.0	153.1	124.6	
2007-Nov-27	10:53	540	8.38	0.0	0.0	2.0	153.1	124.6	
2007-Nov-27	10:54	536	8.38	0.0	0.0	2.0	153.1	124.6	
2007-Nov-27	10:55	536	8.38	0.0	0.0	2.0	153.1	124.6	
2007-Nov-27	10:56	531	8.38	0.0	0.0	2.0	153.1	124.6	
2007-Nov-27	10:57	526	8.38	0.0	0.0	2.0	153.1	124.6	
2007-Nov-27	10:58	526	8 38	0.0	0.0	2.0	153.1	124.6	
2007-Nov-27	10:59	522	8.38	0.0	0.0	2.0	153.1	124.6	
2007-Nov-27	11:00	517	8.38	0.0	0.0	2.0	153.1	124.6	
2007-Nov-27	11:01	517	8.38	0.0	0.0	2.0	153.1	124.6	
2007-Nov-27	11:02	-5	8.38	0.0	0.0	2.0	153.1	124.6	
2007-Nov-27	11:03	9	8.38	0.0	0.0	2.0	153.1	124.6	
2007-Nov-27	11:04	9	8.38	0.0	0.0	2.0	153.1	124.6	
2007-Nov-27	11:04								Pressure Test Casing
2007-Nov-27	11:05	9	8.38	0.0	0.0	2.0	153.1	124.6	
2007-Nov-27	11:06	9	8.38	0.0	0.0	2.0	153.1	124.6	
2007-Nov-27	11:07	5	8.38	0.0	0.0	2.0	153.1	124.6	
2007-Nov-27	11:08	9	8.38	0.0	0.0	2.0	153.1	124.6	
2007-Nov-27	11:09	9	8.38	0.0	0.0	2.0	153.1	124.6	
2007-Nov-27	11:10	9	8.38	0.0	0.0	2.0	153.1	124.6	
2007-Nov-27	11:11	9	0.08	0.0	0.0	2.0	153.1	124.6	
2007-Nov-27	11:12	5	0.07	0.0	0.0	2.0	153.1	124.6	
2007-Nov-27	11:13	9	0.05	0.0	0.0	2.0	153.1	124.6	
2007-Nov-27	11:14	9	0.05	0.0	0.0	2.0	153.1	124.6	
2007-Nov-27	11:15	9	0.04	0.0	0.0	2.0	153.1	124.6	
2007-Nov-27	11:16	9	0.04	0.0	0.0	2.0	153.1	124.6	
2007-Nov-27	11:17	5	0.04	0.0	0.0	2.0	153.1	124.6	
2007-Nov-27	11:18	9	0.04	0.0	0.0	2.0	153.1	124.6	
2007-Nov-27	11:19	9	0.04	0.0	0.0	2.0	153.1	124.6	
2007-Nov-27	11:20	5	0.04	0.0	0.0	2.0	153.1	124.6	
2007-Nov-27	11:21	9	0.04	0.0	0.0	2.0	153.1	124.6	
2007-Nov-27	11:22	9	0.04	0.0	0.0	2.0	153.1	124.6	
2007-Nov-27	11:23	9	0.04	0.0	0.0	2.0	153.1	124.6	
2007-Nov-27	11:24	9	0.04	0.0	0.0	2.0	153.1	124.6	
2007-Nov-27	11:25	9	0.04	0.0	0.0	2.0	153.1	124.6	
2007-Nov-27	11:26	9	0.04	0.0	0.0	2.0	153.1	124.6	
2007-Nov-27	11:27	9	0.04	0.0	0.0	2.0	153.1	124.6	
2007-Nov-27	11:28	9	0.04	0.0	0.0	2.0	153.1	124.6	
2007-Nov-27	11:29	9	0.04	0.0	0.0	2.0	153.1	124.6	
2007-Nov-27	11.30	9	0.04	0.0	0.0	2.0	153.1	124.6	
2007-Nov-27	11:31	14	0.04	0.0	0.0	2.0	153.1	124.6	
2007-Nov-27	11:32	9	0.04	0.0	0.0	2.0	153.1	124.6	

Well	Field	Service Date	Customer	Job Number
Compass #1	Basin	07330-Nov-26	NOBLE ENERGY PRODUCTION INC	2206949198

Date	Time	Treating Pressure	Density	Flow Rate	CMT NRD RATE	CMT NRD STG TOTAL2	CMT NRD TOTAL2	Volume	Message
	24 hr clock	psi	lb/gal	bbl/min	bbl/min	bbl	bbl	bbl	
2007-Nov-27	11:32								Start 4th Plug
2007-Nov-27	11:32	14	0.04	0.0	0.0	2.0	153.1	124.6	
2007-Nov-27	11:33	60	7.10	0.0	5.6	1.9	155.0	124.6	
2007-Nov-27	11:34	-18	8.32	0.0	0.0	0.0	156.4	124.9	
2007-Nov-27	11:35	5	8.34	0.0	0.0	0.0	156.4	124.9	
2007-Nov-27	11:36	9	14.77	0.0	0.0	0.0	156.4	124.9	
2007-Nov-27	11:36								Start Cement Slurry
2007-Nov-27	11:36	9	15.59	0.0	0.1	0.0	156.4	124.9	
2007-Nov-27	11:37	124	15.88	2.4	1.9	1.2	157.7	126.1	
2007-Nov-27	11:38	82	15.91	2.4	2.7	3.5	159.9	128.5	
2007-Nov-27	11:39	78	15.81	2.4	3.0	6.3	162.7	130.9	
2007-Nov-27	11:40								End Cement Slurry
2007-Nov-27	11:40	60	9.51	2.4	2.9	9.1	165.6	133.0	
2007-Nov-27	11:40	64	8.81	2.4	3.3	0.1	165.8	133.2	
2007-Nov-27	11:40								Start Displacement
2007-Nov-27	11:40	69	8.75	2.4	3.5	0.1	165.8	133.2	
2007-Nov-27	11:41	46	8.38	2.4	2.8	3.2	168.9	135.6	
2007-Nov-27	11:41								End Displacement
2007-Nov-27	11:41	-18	8.38	0.0	0.0	4.8	170.5	136.8	
2007-Nov-27	11:42	-9	8.38	0.0	0.0	0.0	170.5	136.8	
2007-Nov-27	11:43	5	8.38	0.0	0.0	0.0	170.5	136.8	
2007-Nov-27	11:44	9	8.34	0.0	0.0	0.0	170.5	136.8	
2007-Nov-27	11:45	9	8.23	0.0	0.0	0.0	170.5	136.8	
2007-Nov-27	11:46	14	8.22	0.0	0.0	0.0	170.5	136.8	
2007-Nov-27	11:47	14	8.25	0.0	0.0	0.0	170 5	136.8	
2007-Nov-27	11:48	9	8.27	0.0	0.0	0.0	170.5	136.8	
2007-Nov-27	11:49	14	8.27	0.0	0.0	0.0	170.5	136.8	
2007-Nov-27	11:50	9	8.27	0.0	0.0	0.0	170.5	136.8	
2007-Nov-27	11:51	9	8.27	0.0	0.0	0.0	170.5	136.8	
2007-Nov-27	11:52	14	8.27	0.0	0.0	0.0	170.5	136.8	
2007-Nov-27	11:53	9	8.27	0.0	0.0	0.0	170.5	136.8	
2007-Nov-27	11:54	14	8.27	0.0	0.0	0.0	170.5	136.8	
2007-Nov-27	11:55	14	8.27	0.0	0.0	0.0	170.5	136.8	
2007-Nov-27	11:55	14	8.27	0.0	0.0	0.0	170.5	136.8	
2007-Nov-27	11:55								Start 5th Plug
2007-Nov-27	11:56	46	8.30	0.1	4.3	0.1	170.6	136.8	
2007-Nov-27	11:57	0	8.47	0.0	0.0	1.2	171.7	137.1	
2007-Nov-27	11:58								Start Cement Slurry
2007-Nov-27	11:58	5	12.80	0.0	0.0	0.0	171.7	137.1	
2007-Nov-27	11:58	5	13.29	0.0	0.0	0.0	171.7	137.1	
2007-Nov-27	11:59	82	15.62	1.4	1.5	0.1	171.8	137.1	
2007-Nov-27	12:00	92	15.77	2.4	2.3	2.0	173.6	139.2	
2007-Nov-27	12:01	82	15.89	2.4	2.9	4.6	176.3	141.8	
2007-Nov-27	12:02	78	15.62	2.4	3.1	7.6	179.3	144.2	
2007-Nov-27	12:03	73	8.97	2.4	2.8	10.2	181.9	146.3	
2007-Nov-27	12:03								End Cement Slurry
2007-Nov-27	12:03								Start Displacement
2007-Nov-27	12:03	69	8.58	2.4	2.9	10.5	182.2	146.5	
2007-Nov-27	12:03	69	8.51	2.4	2.9	10.6	182.3	146.6	
2007-Nov-27	12:04	-18	8.38	0.0	2.1	13.0	184.7	148.6	
2007-Nov-27	12:04								End Displacement
2007-Nov-27	12:04	-27	8.38	0.0	0.0	0.0	184.8	148.6	
2007-Nov-27	12:05	-14	8.38	0.0	0.0	0.0	184.8	148.6	
2007-Nov-27	12:06	0	8.17	0.0	0.0	0.0	184.8	148.6	

Well	Field	Service Date	Customer	Job Number
Compass #1	Basin	07330-Nov-26	NOBLE ENERGY PRODUCTION INC	2206949198

Date	Time	Treating Pressure	Density	Flow Rate	CMT NRD RATE	CMT NRD STG TOTAL2	CMT NRD TOTAL2	Volume	Message
	24 hr clock	psi	lb/gal	bbl/min	bbl/min	bbl	bbl	bbl	
2007-Nov-27	12:07	5	8.27	0.0	0.0	0.0	184.8	148.6	
2007-Nov-27	12:08	9	8.27	0.0	0.0	0.0	184.8	148.6	
2007-Nov-27	12:09	9	8.27	0.0	0.0	0.0	184.8	148.6	
2007-Nov-27	12:10	9	8.26	0.0	0.0	0.0	184.8	148.6	
2007-Nov-27	12:11	9	8.27	0.0	0.0	0.0	184.8	148.6	
2007-Nov-27	12:12	9	8.27	0.0	0.0	0.0	184.8	148.6	
2007-Nov-27	12:13	14	8.27	0.0	0.0	0 0	184.8	148.6	
2007-Nov-27	12:14	14	8.27	0.0	0.0	0.0	184.8	148.6	
2007-Nov-27	12:15	14	8.27	0.0	0.0	0.0	184.8	148.6	
2007-Nov-27	12:16	14	8.27	0.0	0.0	0.0	184.8	148.6	
2007-Nov-27	12:17	14	8.27	0.0	0.0	0.0	184.8	148.6	
2007-Nov-27	12:18	14	8 27	0.0	0.0	0.0	184 8	148.6	
2007-Nov-27	12:19	14	8.28	0.0	0.0	0.0	184.8	148.6	
2007-Nov-27	12:20	14	8.28	0.0	0.0	0.0	184.8	148.6	
2007-Nov-27	12:21	18	8.28	0.0	0.0	0.0	184.8	148.6	
2007-Nov-27	12:22	14	8.28	0.0	0.0	0.0	184.8	148.6	
2007-Nov-27	12:23	14	8.28	0.0	0.0	0.0	184.8	148.6	
2007-Nov-27	12:24	14	8.28	0.0	0.0	0.0	184.8	148.6	
2007-Nov-27	12:25	14	8.28	0.0	0.0	0.0	184.8	148.6	
2007-Nov-27	12:26	14	8.28	0.0	0.0	0.0	184.8	148.6	
2007-Nov-27	12:27	18	8.28	0.0	0.0	0.0	184.8	148.6	
2007-Nov-27	12:28	14	8.28	0.0	0.0	0.0	184.8	148.6	
2007-Nov-27	12:29	14	8.28	0.0	0.0	0.0	184.8	148.6	
2007-Nov-27	12:30	18	8.28	0.0	0.0	0.0	184.8	148.6	
2007-Nov-27	12:31	18	8.28	0.0	0.0	0.0	184.8	148.6	
2007-Nov-27	12:32	18	8.28	0.0	0.0	0.0	184.8	148.6	
2007-Nov-27	12:32								Start 6th Plug
2007-Nov-27	12:32	14	8.28	0.0	0.0	0.0	184.8	148.6	
2007-Nov-27	12:33	-27	8.37	0.0	0.0	1.6	186.4	148.6	
2007-Nov-27	12:34	0	8.86	0.0	0.0	1.6	186.4	148.6	
2007-Nov-27	12:34	5	15.66	0.0	0.0	0.0	186.4	148.6	
2007-Nov-27	12:34								Start Cement Slurry
2007-Nov-27	12:35	60	15.87	1.8	3.1	0.7	187.2	148.9	
2007-Nov-27	12:36	105	15.86	2.7	2.6	3.7	190.1	151.4	
2007-Nov-27	12:37	96	15.81	0.5	2.0	6.1	192.5	153.3	
2007-Nov-27	12:38	27	15.36	0.0	0.5	8.0	194.5	153.7	
2007-Nov-27	12:39	18	15.37	0.0	0.0	8.0	194.5	153.7	
2007-Nov-27	12:40	18	15.39	0.0	0.0	8.0	194.5	153.7	
2007-Nov-27	12:41	9	15.40	0.0	0 0	8.0	194.5	153.7	
2007-Nov-27	12:42	14	15.42	0.0	0.0	8.0	194.5	153.7	
2007-Nov-27	12:42								End Cement Slurry
2007-Nov-27	12:42	14	15.42	0.0	0.0	8.0	194.5	153.7	
2007-Nov-27	12:43	14	15.43	0.0	0.0	8.0	194.5	153.7	
2007-Nov-27	12:44	9	15.43	0.0	0.0	8.0	194.5	153.7	
2007-Nov-27	12:45	9	15.44	0.0	0 0	8.0	194.5	153.7	
2007-Nov-27	12:46	14	15.46	0.0	0.0	8.0	194.5	153.7	
2007-Nov-27	12:47	14	15.46	0.0	0.0	8.0	194.5	153.7	
2007-Nov-27	12:48	9	15.47	0.0	0.0	8.0	194.5	153.7	
2007-Nov-27	12:49	14	15.49	0.0	0.0	8.0	194.5	153.7	
2007-Nov-27	12:50	14	15.49	0.0	0.0	8.0	194.5	153.7	
2007-Nov-27	12:51	14	15.51	0.0	0.0	8.0	194 5	153.7	
2007-Nov-27	12:52	14	15.52	0.0	0.0	8.0	194.5	153.7	
2007-Nov-27	12:53	14	15.52	0.0	0.0	8.0	194.5	153.7	
2007-Nov-27	12:54	14	15.53	0.0	0.0	8.0	194.5	153.7	

Well	Field	Service Date	Customer	Job Number
Compass #1	Basin	07330-Nov-26	NOBLE ENERGY PRODUCTION INC	2206949198

Date	Time	Treating Pressure	Density	Flow Rate	CMT NRD RATE	CMT NRD STG TOTAL2	CMT NRD TOTAL2	Volume	Message
	24 hr clock	psi	lb/gal	bbl/min	bbl/min	bbl	bbl	bbl	
2007-Nov-27	12:55	14	15.54	0.0	0.0	8.0	194.5	153.7	
2007-Nov-27	12:56	14	15.55	0.0	0.0	8.0	194.5	153.7	
2007-Nov-27	12:57	18	15.55	0.0	0.0	8.0	194.5	153.7	
2007-Nov-27	12:58	18	15.55	0.0	0.0	8.0	194.5	153.7	
2007-Nov-27	12:59	14	15.55	0.0	0.0	8.0	194.5	153.7	
2007-Nov-27	13:00	23	15.56	0.0	0.0	8.0	194.5	153.7	
2007-Nov-27	13:01	27	15.47	0.2	0.0	8.1	194.5	153.7	
2007-Nov-27	13:02	55	15.54	0.4	0.0	8.2	194.6	154.0	
2007-Nov-27	13:03	101	15.41	0.2	0.1	8.3	194.7	154.2	
2007-Nov-27	13:04	96	15.27	0.4	0.0	8.3	194.8	154.5	
2007-Nov-27	13:05	110	15.09	0.4	0.3	8.4	194.9	154.9	
2007-Nov-27	13:06	23	15.09	0.0	0.0	8.5	194.9	155.0	
2007-Nov-27	13:07	14	15.09	0.0	0.0	8.5	194.9	155.0	
2007-Nov-27	13:08	18	15.11	0.0	0.0	8.5	194.9	155.0	
2007-Nov-27	13:09	14	15.12	0.0	0.0	8.5	194.9	155.0	
2007-Nov-27	13:09								Pump Down Bradenhead
2007-Nov-27	13:09	18	15.13	0.0	0.0	8.5	194.9	155.0	
2007-Nov-27	13:09								End Job
2007-Nov-27	13:09	14	15.13	0.0	0.0	8.5	194.9	155.0	

Post Job Summary

Average Pump Rates, bpm

Slurry	N2	Mud	Maximum Rate
2			3

Volume of Fluid Injected, bbl

Total Slurry	Mud	Spacer	N2
67			

Treating Pressure Summary, psi

Maximum	Final	Average	Bump Plug to	Breakdown
500		150		

Breakdown Fluid

Volume	Density
bbl	lb/gal

Avg. N2 Percent	Designed Slurry Volume	Displacement	Mix Water Temp	Cement Circulated to Surface?	Volume
%	78 bbl	bbl	°F	☑	3 bbl

☐ Washed Thru Perfs To ft

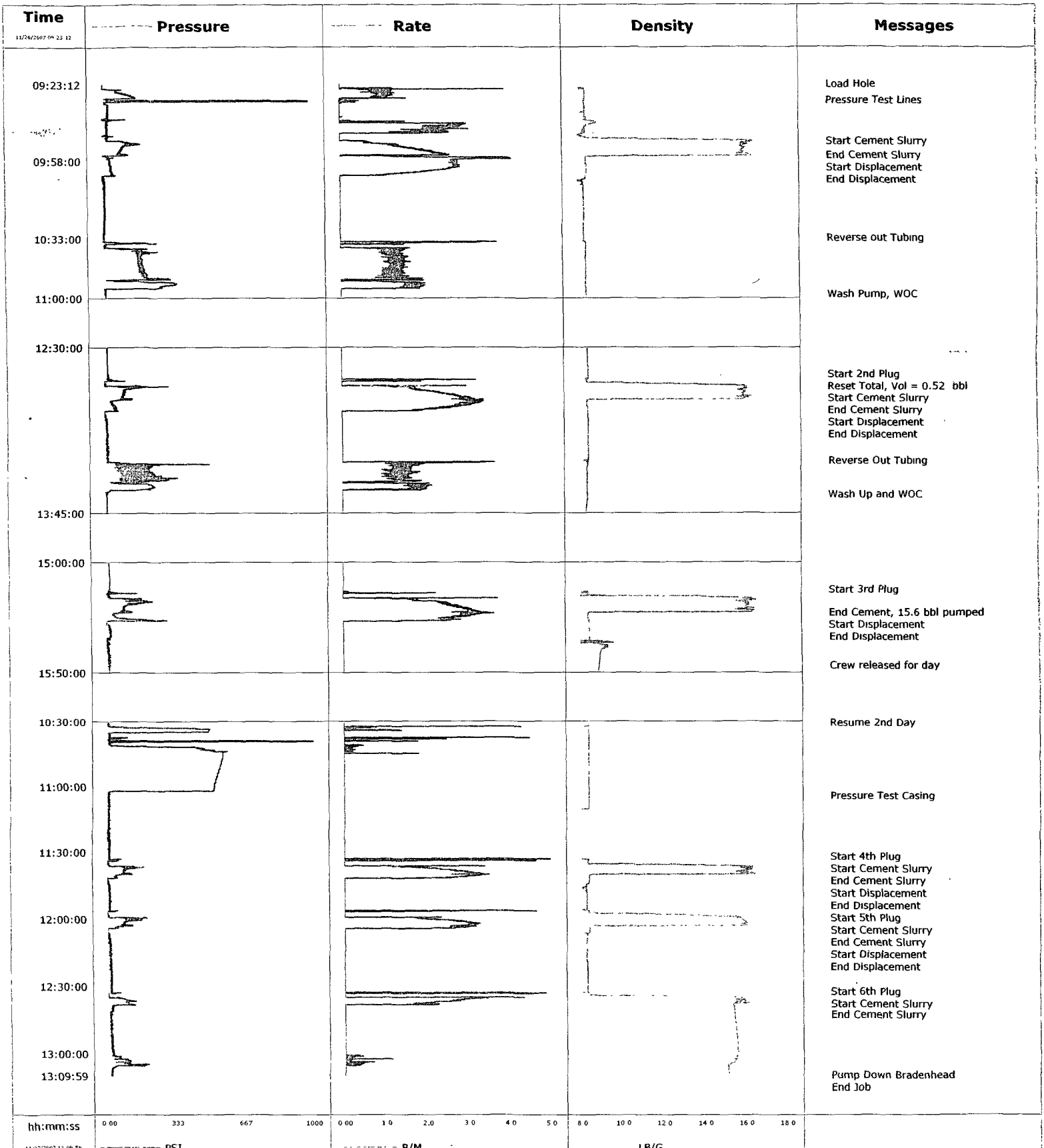
Customer or Authorized Representative	Schlumberger Supervisor		
Stills, Keith	Hankins, Benjamin	☐ CirculationLost	☑ Job Completed

Schlumberger

Cementing Job Report

CemCAT v1.3

Well	Compass 1	**Client**	Noble
Field		**SIR No.**	2206949198
Engineer	Ben Hankins	**Job Type**	PA
Country	United States	**Job Date**	11-26-2007



Schlumberger

Service Order

2007-Nov-26

Customer	Person Taking Call	Dowell Location	OrderDate	Job Number
NOBLE ENERGY PRODUCTION INC	Redman, William	Farmington, NM	2007-Nov-24	**2206949198**

Well Name and Number	Legal Location	Field	County	State/Province
Compass 1		Basin	San Juan	NM

Well Master:	API / UWI:	
0630972565		

Rig Name	Well Age	Sales Engineer	Job Type
DRAKE WELL SERVICE 19	Old	William, Redman,	Plug & Abandon

Time Well Ready:	Deviation	Bit Size	Well MD	Well TVD	BHP	BHST	BHCT
11/26/2007 7:00 AM	°	in	6,500 ft	6,500 ft	psi	174 °F	130 °F

Treat Down	Packer Type	Packer Depth	WellHead Connection	HHP on Location	Max AllowedPressure	Max Allowed AnnPressure
Tubing	None	ft	2 3/8" 4.7# T/S		1500	

Casing

Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
6500	5.5	15.5	K55	8RD

Tubing

Depth,	Size, in	Weight, lb/ft	Grade	Thread
6300	2.375	4.6	J55	N/A

Perforated Intervals

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

Services Instructions:

P&A well per customer requirements:
1st plug depth - +/- 6300'
Take 400 sxs of Class G, and 400 lbs of S-1 on side.
Client asked to bring 100 lbs of sugar for washing up into rig tank.
Said job called for 285 sxs but bring 400 sxs

Extra Equipment:

Pump, ABT, Spill Containment, 2 3/8" swedge. 2" regular Xtra suction hose

Expected On Location: 11/26/2007 7:00 AM **Ready To Pump:**

Contact	Voice	Mobile	FAX	Notes
Keith Stills		486-4070		

Notes:

Perform JHA with all personel on location
Use landguides during all equipment moves.
Will have 400 bbls of water in frac tank

Directions:

Go north on LaPlata Hwy to +/- 11 MM, TR at Drake 19 sign and follow downhill to location. Client said rig sign should be at top of hill at end of Passing lane, Will be trailer houses on left and old truck for sale (Archies Stucco)

Other Notes:

Keith said has 7 plugs to set, said procedure calls for 285 sxs, but State and BLM will probably want more per plug so bring 400 sxs.
And S001 on side for upper plugs
He said he thinks 1st plug is +/- 6300-6400 feet

Comments:

Bring excess cement back to district
SAID VERY SMALL LOCATION, MAY BE HARD TO GET ABT TURNED AROUND ON.

Fluid Systems:

ADDS

400 lbs of CaCl2 on side

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
S001	400	lbs	400

Cement

400 sxs Class G Neat

Density	15 8	lb/gal	*Thickening Time.*	2:00	
Yield:	1.15	ft³/sk			
H2O Mix:	4 97	gal/sk			
H2O:	1988	gal	*Eq Sack Weight:*	94	lb
			Total Blend	400	sacks

Dowell Code	Conc/ Amount		Total Quantity
D907	94	lbs/sk	37600

SUGAR

100 lbs for washing up into flowback tank

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
Sugar	100	lbs	100