'submitted in lieu of Form 3160-5

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

RECEIVED

AUG 0 5 2009

	····	Sundry Notices and Reports on Wells Buredu Fam	of Land lington	Management Field Office
	 1.	Type of Well	5. 6.	Lease Number SF-078738 If Indian, All. or
		GAS		Tribe Name
:	2.	Name of Operator	7.	Unit Agreement Name San Juan 30-5 Unit
-	3.	ConocoPhillips Company Address & Phone No. of Operator	8.	Well Name & Number San Juan 30-5 Unit 94M
		PO Box 4289, Farmington, NM 87499 (505) 326-9700	9.	API Well No.
	_	Y AND DESCRIPTION OF THE PROPERTY OF THE PROPE		30-039-30751
4		Location of Well, Footage, Sec., T, R, M Surface: Unit B (NWNE), 740' FNL & 1565' FEL, Section 27, T31N, R5W, NMPM	10.	Field and Pool Basin DK/Blanco MV
		Bottomhole: Unit G (SWNE), 2025' FNL & 1930' FEL, Section 27, T30N, R5W, NMPM	[11.	County and State Rio Arriba, NM
7	12.	CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTI	HER D	ATA
		Type of Submission Type of Action X Notice of Intent Abandonment Change of Plans	Х	Other – Change Cement Slurry
		Recompletion New Construction Subsequent Report Plugging Non-Routine Fracturing		RCVD AUG 12 'OS
		Casing Repair Water Shut off Final Abandonment Altering Casing Conversion to Injection		OIL CONS. DIV.
1	13.	Describe Proposed or Completed Operations		Sid in G
i S	wis adv Thi con nte Thi	hes to use this new cement slurry to eliminate failures on intermediate holes, not ance towards less excess of cement that collapes close-loop systems, which can salurry was designed by previous BLM requirements; 500 psi compressive strappessive strapp	nud dr n not ength 100 c 0 psi, sed. \	rilled production and to handle cement returns. in 24 hrs & 1000 psi legrees F. Tested at 190 degrees Farenheit. We request to test this
S 	ign Thi	I hereby certify that the foregoing is true and correct. ed		Date 08/06/2009



Proposal No: 575150266A

Conoco-Phillips Company SAN JUAN 30-5 UNIT #94M

H&P 281 Rig
API # 30-039-30751-0000
BASIN Field
27-30N-5W
Rio Arriba County, New Mexico
July 30, 2009

Well Proposal

Prepared for:

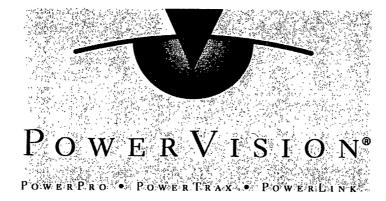
Nestor Sanchez Drilling Engineer ConocoPhillips

Bus Phone:

505-326-9700

Prepared by:

Thomas W Hilb Technical Field Rep. Farmington, New Mexico



Service Point:

Farmington

Bus Phone:

(505) 327-6222

Fax:

(505) 327-5766

Service Representatives:

Harry Mitchell Senior Sales Rep

Farmington, New Mexico

SAN JUAN 30-5 UNIT #94M

Job Description: 9 5/8" Surface set @ 228'

Date:

July 30, 2009



Proposal No: 575150266A

JOB AT A GLANCE

Depth (TVD) 228 ft

Depth (MD) 228 ft

Hole Size 12.25 in

Casing Size/Weight: 9 5/8 in, 32.3 lbs/ft

Pump Via 9 5/8" O.D. (9.001" J.D) 32.3

Total Mix Water Required 923 gals

Spacer

Fresh Water 20 bbls **Density** 8.3 ppg

Cement Slurry

Type III & Adds 160 sacks Density 15.2 ppg Yield 1.28 cf/sack

Displacement

Fresh Water 16 bbls **Density** 8.3 ppg

Operator Name: Conoco-Phillips Company Well Name: SAN JUAN 30-5 UNIT #94M Job Description: 9 5/8" Surface set @ 228'

Date:

July 30, 2009



Proposal No: 575150266A

WELL DATA

ANNULAR GEOMETRY

ANNULAR I.D.	THE REPORT OF THE PER	FH(ft): 4/4/2/3/4/4/4/4/4/4/4/4/4/4/4/4/4/4/4/4/
(in)	MEASURED	TRUE VERTICAL
12.250 HOLE	228	228

SUSPENDED PIPES

DIAMETI				
O.D.	E SELDEN	(lbs/ft)	MEASURED	TRUE VERTICAL
9.625	9.001	32.3	228	228

Float Collar set @ 198 ft

Mud Density 9.00 ppg

Mud Type Water Based

Est. Static Temp. 82 ° F

Est. Circ. Temp. 80 ° F

VOLUME CALCULATIONS

228 ft x 0.3132 cf/ft with 150 % excess = 178.5 cf

30 ft x 0.4419 cf/ft with 0% excess = 13.3 cf (inside pipe)

TOTAL SLURRY VOLUME = 191.8 cf

= 34 bbls

SAN JUAN 30-5 UNIT #94M

Job Description: 9 5/8" Surface set @ 228'



July 30, 2009



Proposal No: 575150266A

FLUID SPECIFICATIONS

Spacer

20.0 bbls Fresh Water @ 8.34 ppg

VOLUME VOLUME

FLUID CU-FT **FACTOR AMOUNT AND TYPE OF CEMENT**

/ 1.2 = 160 sacks Type III Cement + 3% bwoc Calcium

Chloride + 0.25 lbs/sack Cello Flake + 51.2%

Fresh Water

Displacement

Cement Slurry

15.6 bbls Fresh Water @ 8.34 ppg

CEMENT PROPERTIES

SLURRY NO. 1 Slurry Weight (ppg) 15.20 Slurry Yield (cf/sack) 1.28 Amount of Mix Water (gps) 5.77

192

Operator Name: Conoco-Phillips Company
Well Name: SAN JUAN 30-5 UNIT #94M
Job Description: 9 5/8" Surface set @ 228'

Date: July 30, 2009



Proposal No: 575150266A

PRICE ESTIMATE

Product Material

QTY.	UNIT	PRODUCT DESCRIPTION	UNIT PRICE	GROSS AMOUNT	DISC (%)	NET AMOUNT
452	lbs	Calcium Chloride	1.30	587.60	68.0	188.03
40	lbs	Cello Flake	4.14	165.60	68.0	52.99
160	94lbs	Type III Cement	30.40	4,864.00	68.0	1,556.48
		Product Material S	Subtotal:	\$5,617.20		\$1,797.50

Service Charges

QTY	UNIT	PRODUCT DESCRIPTION	UNIT PRICE	GROSS AMOUNT	DISC (%)	NET AMOUNT
1	ea	Personnel Surcharge - Cement Svc	145.50	145.50	0.0	145.50
172	cu ft	Bulk Materials Service Charge	3.41	586.52	68.0	187.69
		Service Charges S	Subtotal:	\$732.02		\$333.19

Equipment

QTY	UNIT	PRODUCT DESCRIPTION	UNIT PRICE	GRÓSS AMOUNT	DISC (%)	NET AMOUNT
1	4hrs	Cement Pump Casing, 0 - 1000 ft	2,825.00	2,825.00	68.0	904.00
1	job	Cement Head	515.00	515.00	68.0	164.80
1	job	Data Acquisition, Cement, Standard	1,335.00	1,335.00	68.0	427.20
150	miles	Mileage, Heavy Vehicle	7.40	1,110.00	68.0	355.20
150	miles	Mileage, Auto, Pick-Up or Treating Van	4.20	630.00	68.0	201.60
		Equipment S	Subtotal:	\$6,415.00		\$2,052.80

Freight/Delivery Charges

QTY UNI	PRODUCT DESCRIPTION	UNIT	GROSS AMOUNT	DISC NE	T UNT
582 tonmi	Bulk Delivery, Dry Products	2.47	1,437.54	68.0	460.01
Freight/Delivery Charges Subtotal:		es Subtotal:	\$1,437.54	\$	460.01

Customer will be charged for all 'SPECIAL PROPPANTS' delivered to location, whether they are pumped or not. All proppants other than standard grade frac sand are considered 'SPECIAL PROPPANTS'.

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SAN JUAN 30-5 UNIT #94M

Job Description: 9 5/8" Surface set @ 228'

Date:

July 30, 2009



Proposal No: 575150266A

PRICE ESTIMATE

Sales Discount

QTY	PRODUCT DESCRIPTION	PRICE	GROSS AMOUNT	DISC (%)	NET AMOUNT
1 job	Contract Price Temporary Adjustment	-232.18	-232.18	0.0	-232.18
	Sales Discount S	Subtotal:	-\$232.18		-\$232.18

TOTAL:	\$13,969.58	\$4,411.32
TAXES:		\$281.52

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SAN JUAN 30-5 UNIT #94M Job Description: 7" Intermediate set @ 4139'

Date:

July 30, 2009



Proposal No: 575150266A

JOB AT A GLANCE

Depth (TVD) 4,139 ft

4,139 ft Depth (MD)

Hole Size 8.75 in

Casing Size/Weight: 7 in, 23 lbs/ft

Pump Via 7" O.D. (6.366" .I.D) 23

Total Mix Water Required 5,392 gals

Spacer

10 bbls **Gelled Water** Density 8.5 ppg

Spacer

Fresh Water 10 bbls **Density** 8.3 ppg

Lead Slurry

Type III Light 390 sacks **Density** 10.5 ppg Yield 3.00 cf/sack

Tail Slurry

Type III & Adds Tail 97 sacks **Density** 14.6 ppg **Yield** 1.38 cf/sack

Displacement

Fresh Water 161 bbls **Density** 8.3 ppg

Well Name:

Operator Name: Conoco-Phillips Company SAN JUAN 30-5 UNIT #94M Job Description: 7" Intermediate set @ 4139'

Date:

July 30, 2009



Proposal No: 575150266A

WELL DATA

ANNULAR GEOMETRY

ANNULAR I:D: (in)	DÉP MEASURED	TH(ft) TRUE VERTICAL
9.001 CASING	228	228
8.750 HOLE	4,139	4,139

SUSPENDED PIPES

			DEP	
O.D.	I.D.	୍ତ (lbs/ft)	MEASURED	TRUE VERTICAL
7.000	6.366	23	4,139	4,139

Float Collar set @	4,097 ft
Mud Density	9.00 ppg
Mud Type	Water Based
Est. Static Temp.	128 ° F
Est. Circ. Temp.	101 ° F

VOLUME CALCULATIONS

228 ft	Х	0.1746 cf/ft	with	0 % excess	=	39.8 cf
3,082 ft	x	0.1503 cf/ft	with	110 % excess	=	972.9 cf
829 ft	х	0.1503 cf/ft	with	0 % excess	=	124.6 cf
42 ft	х	0.2210 cf/ft	with	0 % excess	=	9.3 cf (inside pipe)

TOTAL SLURRY VOLUME = 1146.7 cf

204 bbls

Well Name:

Operator Name: Conoco-Phillips Company SAN JUAN 30-5 UNIT #94M Job Description: 7" Intermediate set @ 4139'

Date:

July 30, 2009



Proposal No: 575150266A

FLUID SPECIFICATIONS

Spacer 10.0 bbls Gelled Water + 2 gals GW-3LDF + 100% Fresh

Water @ 8.45 ppg

10.0 bbls Fresh Water @ 8.34 ppg Spacer

Spacei	10.0 bbis Fresh Water @ 0.54 ppg		
FLUID	VOLUME CU-FT	VOLUME FACTOR AMOUNT AND TYPE OF CEMENT	
Lead Slurry	1013	 / 3 = 390 sacks Type III Cement + 40% bwoc LW-6 + 2% bwoc Sodium Metasilicate + 1.2% bwoc FL-52 + 0.3% bwoc CD-32 + 108% Fresh Water 	
Tail Slurry	134	 1.3 = 97 sacks Type III Cement + 1% bwoc Calcium Chloride + 0.25 lbs/sack Cello Flake + 0.2% bwoc FL-52 + 58.9% Fresh Water 	
Displacement		161 2 hblo Froch Water @ 9 24 ppg	

Displacement 161.3 bbls Fresh Water @ 8.34 ppg

CEMENT PROPERTIES

	SLURRY NO. 1	SLURRY NO. 2
Slurry Weight (ppg)	10.54	14.60
Slurry Yield (cf/sack)	3.00	1.38
Amount of Mix Water (gps)	12.17	6.64

SAN JUAN 30-5 UNIT #94M Job Description: 7" Intermediate set @ 4139'

Date:

July 30, 2009



Proposal No: 575150266A

PRICE ESTIMATE

Product Material

QTY.	UNIT	PRODUCT DESCRIPTION	UNIT PRICE	GROSS AMOUNT	DISC (%)	NET AMOUNT
92	lbs	Calcium Chloride .	1.30	119.60	68.0	38.27
734	lbs	Sodium Metasilicate	3.32	2,436.88	68.0	779.80
25	lbs	Cello Flake	4.14	103.50	68.0	33.12
14664	lbs	LW-6	3.56	52,203.84	68.0	16,705.23
2	gals	GW-3LDF	96.00	192.00	68.0	61.44
110	lbs	CD-32	10.75	1,182.50	68.0	378.40
459	lbs	FL-52	21.80	10,006.20	68.0	3,201.98
487	94lbs	Type III Cement	30.40	14,804.80	68.0	4,737.54
		Product Mate	rial Subtotal:	\$81,049.32		\$25,935.78

Service Charges

QTY	⊌NIT L	PRODUCT DESCRIPTION	UNIT	GROSS AMOUNT	DISC (%)	NET AMOUNT
1	ea	Personnel Surcharge - Cement Svc	145.50	145.50	0.0	145.50
1105	cu ft	Bulk Materials Service Charge	3.41	3,768.05	68.0	1,205.78
	Service Charges Subtotal:		\$3,913.55		\$1,351.28	

Equipment

	UNIT	PRODUCT DESCRIPTION	UNIT	GROSS AMOUNT	DISC (%)	NET AMOUNT
1	6hrs	Cement Pump Casing, 4001 - 5000 ft	5,400.00	5,400.00	68.0	1,728.00
1	job	Cement Head	515.00	515.00	68.0	164.80
1	job	Data Acquisition, Cement, Standard	1,335.00	1,335.00	68.0	427.20
150	miles	Mileage, Heavy Vehicle	_ 7.40	1,110.00	68.0	355.20
150	miles	Mileage, Auto, Pick-Up or Treating Van	4.20	630.00	68.0	201.60
	Equipment Subtotal:		\$8,990.00		\$2,876.80	

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Well Name:

Operator Name: Conoco-Phillips Company SAN JUAN 30-5 UNIT #94M

Job Description: 7" Intermediate set @ 4139'

Date:

July 30, 2009



Proposal No: 575150266A

PRICE ESTIMATE

Freight/Delivery Charges

QTY UNIT	PRODUCT DESCRIPTION	UNIT	GROSS AMOUNT	DISC (%)	NET AMOUNT
2320 tonmi	Bulk Delivery, Dry Products	2.47	5,730.40	68.0	1,833.73
	Freight/Delivery Charges S	Subtotal:	\$5,730.40		\$1,833.73

Sales Discount

OTY UNIT	PRODUCT DESCRIPTION	UNIT PRICE	GROSS I	DISC (%)	NET AMOUNT
1 job	Contract Price Temporary Adjustment	-1,599.88	-1,599.88	0.0	-1,599.88
	Sales Discount S	Subtotal:	-\$1,599.88		-\$1,599.88

TOTAL:	\$98,083.39	\$30,397.71
TAXES:		\$1,939.85

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SAN JUAN 30-5 UNIT #94M Job Description: 4 1/2" Longstring set @ 4139'

Date:

July 30, 2009



Proposal No: 575150266A

JOB AT A GLANCE

Depth (TVD) 8,416 ft

Depth (MD) 8,416 ft

Hole Size 6.25 in

Casing Size/Weight: 4 1/2 in, 11.6 lbs/ft

Pump Via 4 1/2" O.D. (4.000" .I.D) 11.6

Total Mix Water Required 3,319 gals

Spacer

Chemical Wash 10 bbls Density 8.5 ppg

Spacer

Fresh Water 2 bbls Density 8.3 ppg

Scavenger Slurry

PREMIUM LITE H.S. FM 10 sacks Density 11.0 ppg Yield 3.10 cf/sack

Tail Slurry

PREMIUM LITE H.S. FM 320 sacks Density 12.5 ppg Yield 1.98 cf/sack

Displacement

Sugar Water 10 bbls Density 8.3 ppg

Displacement

Fresh Water 120 bbls **Density** 8.3 ppg

Operator Name: Conoco-Phillips Company
Well Name: SAN JUAN 30-5 UNIT #94M
Job Description: 4 1/2" Longstring set @ 4139'

Date: July 30, 2009



Proposal No: 575150266A

WELL DATA

ANNULAR GEOMETRY

ANNULAR I.D. (in)	DEP MEASURED	TH(ft)
6.366 CASING	4,139	4,139
6.250 HOLE	8,416	8,416

SUSPENDED PIPES

DIAMETI				
O.D.	I.D.	(lbs/ft)	MEASURED	TRUE VERTICAL
4.500	4.000	11.6	8,416	8,416

Float Collar set @	8,374 ft
Mud Density	0.01 ppg
Mud Type	Air
Est. Static Temp.	206 ° F
Est. Circ. Temp.	146 ° F

VOLUME CALCULATIONS

243 ft	x	0.1106 cf/ft	with	0 % excess	=	26.8 cf
40 ft	х	0.1026 cf/ft	with	0 % excess	=	4.1 cf
4,237 ft	X	0.1026 cf/ft	with	45 % excess	=	630.3 cf
42 ft	x	0.0873 cf/ft	with	0 % excess	=	3.7 cf (inside pipe)

TOTAL SLURRY VOLUME = 665.0 cf

119 bbis

Operator Name: Conoco-Phillips Company
Well Name: SAN JUAN 30-5 UNIT #94M
Job Description: 4 1/2" Longstring set @ 4139'

Date:

July 30, 2009



Proposal No: 575150266A

FLUID SPECIFICATIONS

Spacer	10.0 bbls Chemical Wash + 2 gals GW-3LD + 100%
	Fresh Water @ 8.45 ppg

Spacer		2.0 bbls Fresh Water @ 8.34 ppg
FLUID	VOLUME CU-FT	
Scavenger Slurry	31	 1 3. = 10 sacks Premium Lite High Strength FM + 0.25 lbs/sack Cello Flake + 0.3% bwoc CD-32 + 6.25 lbs/sack LCM-1 + 1% bwoc FL-52 + 180.6% Fresh Water
Tail Slurry	634	 1.9 = 320 sacks Premium Lite High Strength FM + 0.25 lbs/sack Cello Flake + 0.3% bwoc CD-32 + 6.25 lbs/sack LCM-1 + 1% bwoc FL-52 + 97.5% Fresh Water
Displacement		10.0 bbls Sugar Water @ 8.34 ppg
Displacement		120.2 bbls Fresh Water @ 8.34 ppg
CEMENT PROPERT	IES	
		SLURRY SLURRY NO. 1 NO. 2
Slurry Weight (ppg) Slurry Yield (cf/sack) Amount of Mix Water (g	gps)	11.00 12.50 3.10 1.98 18.16 9.80

SAN JUAN 30-5 UNIT #94M Job Description: 4 1/2" Longstring set @ 4139'

Date:

July 30, 2009



Proposal No: 575150266A

PRICE ESTIMATE

Product Material

QTY	UNIT	PRODUCT DESCRIPTION	UNIT	GROSS AMOUNT	DISC (%)	NET AMOUNT
2063	lbs	LCM-1	0.98	2,021.74	68.0	646.96
83	lbs	Cello Flake	4.14	343.62	68.0	109.96
330	84lbs	Premium Lite High Strength FM	39.60	13,068.00	68.0	4,181.76
2	gals	GW-3LD	87.25	174.50	68.0	55.84
83	lbs	CD-32	10.75	892.25	68.0	285.52
277	lbs	FL-52	21.80	6,038.60	68.0	1,932.35
25	ibs	Granulated Sugar	2.98	74.50	68.0	23.84
		Product Material S	ubtotal:	\$22,613.21		\$7,236.23

Service Charges

QTY	UNIT	PRODUCT DESCRIPTION	UNIT PRICE	GROSS AMOUNT	DISC (%)	NET AMOUNT
1	ea	Personnel Surcharge - Cement Svc	145.50	145.50	0.0	145.50
490	cu ft	Bulk Materials Service Charge	3.41	1,670.90	68.0	534.69
		Service Charges S	Subtotal:	\$1,816.40		\$680.19

Equipment

	UNIT	PRODUCT DESCRIPTION	UNIT PRICE	GROSS AMOUNT	DISC (%)	NET AMOUNT
1	6hrs	Cement Pump Casing, 8001 - 9000 ft	8,500.00	8,500.00	68.0	2,720.00
1	job	Cement Head	515.00	515.00	68.0	164.80
1	job	Data Acquisition, Cement, Standard	1,335.00	1,335.00	68.0	427.20
150	miles	Mileage, Heavy Vehicle	7.40	1,110.00	68.0	355.20
150	miles	Mileage, Auto, Pick-Up or Treating Van	4.20	630.00	68.0	201.60
	Equipment Subtotal					\$3,868.80

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SAN JUAN 30-5 UNIT #94M Job Description: 4 1/2" Longstring set @ 4139'

Date:

July 30, 2009



Proposal No: 575150266A

PRICE ESTIMATE

Freight/Delivery Charges

QTY	PRODUCT DESCRIPTION	UNIT PRICE	GROSS AMOUNT	DISC (%)	NET AMOUNT
1282 tonmi	Bulk Delivery, Dry Products	2.47	3,166.54	68.0	1,013.29
	Subtotal:	\$3,166.54		\$1,013.29	

Sales Discount

QTY	PRODUCT DESCRIPTION	UNIT PRICE	GROSS AMOUNT	DISC (%)	NÉT AMOUNT
1 job	Contract Price Temporary Adjustment	-639.93	-639.93	0.0	-639.93
	Sales Discount S	ubtotal:	-\$639.93		-\$639.93

TOTAL:	\$39,046.22	\$12,158.58
TAXES:		\$775.91

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CONDITIONS

BJ Services' performance of services and sale of materials is expressly conditioned upon the applicability of the Terms and Conditions contained in the current BJ Services Price Book. The Terms and Conditions include, among other things, an indemnity in favor of BJ Services from Customer for damage to the well bore, reservoir damage, loss of the hole, blowouts and loss of control of the well, even if caused by the negligence or other fault of BJ Services. The Terms and Conditions also limit the warranties provided by the BJ Services and the remedies to which Customer may be entitled in the event of a breach of warranty by BJ Services. For these reasons, we strongly recommend that you carefully review a copy of the Terms and Conditions. If you do not have a copy of the BJ Services Price Book, you can view the Terms and Conditions on BJ Services Web Site, www.bjservices.com. By requesting that BJ Services perform the services described herein, Customer acknowledges that such Terms and Conditions are applicable to the services. Further, by requesting the services, Customer warrants that its representative on the well location or other service site will be fully authorized to acknowledge such Terms and Conditions by executing a Field Receipt or other document presented by BJ Services containing such Terms and Conditions.

In the event that Customer and BJ Services have executed a Master Services Agreement covering the work to be performed, such Master Services Agreement shall govern in place of the Terms and Conditions. If you are interested in entering into Master Services Agreement with BJ Services, please contact us through the "Go BJ" button on the BJ Services Web Site.

Report Printed on JUL-30-09 10 45 Grid 175

Operator: Well Name:

Conoco-Phillips Company SAN JUAN 30-5 UNIT #94M

Date:

July 30, 2009



Proposal No: 575150266A

PRODUCT DESCRIPTIONS

CD-32

A patented, free-flowing, water soluble polymer that is an efficient and effective dispersant for primary and remedial cementing.

Calcium Chloride

A powdered, flaked or pelletized material used to decrease thickening time and increase the rate of strength development.

Cello Flake

Graded (3/8 to 3/4 inch) cellophane flakes used as a lost circulation material.

FL-52

A water soluble, high molecular weight fluid loss additive used in medium to low density slurries. It is functional from low to high temperature ranges.

GW-3LD

A guar gum gelling agent slurried in a hydrocarbon carrier. Used to prepare hydraulic fracturing fluid systems.

GW-3LDF

A guar gum gelling agent slurried in a environmentally friendly hydrocarbon carrier. Used to prepare hydraulic fracturing fluid systems.

LCM-1

A graded (8 to 60 mesh) naturally occurring hydrocarbon, asphaltite. It is used as a lost circulation material at low to moderate temperatures and will act as a slurry extender. Cement compressive strength is reduced.

LW-6

Natural graded hollow pozzolan microspheres, which when mixed with API cements, yield slurry densities from 8-12 lbs/gal. Besides having low densities and relatively high compressive strengths, these systems also offer good insulating properties for application such as steam floods.

Sodium Metasilicate

An accelerator used to decrease the thickening time of cement slurries.

Report Printed on July 30, 2009 10 45 AM

Operator Name: Conoco-Phillips Company **Well Name:** SAN JUAN 30-5 UNIT #94M

Date:

July 30, 2009



Proposal No: 575150266A

End of Report

ConocoPhillips

San Juan Division - Drilling Program

-		···	•	
Sai	า Juan	30-5 Unit #94M	API#	APD/BLM
-	30 N	Objective MATER & Come (Least)	30 039-30751	5/14/2009
-		Objective: MV/DK S-Curve (Long)	Network #	AFE#
R٠	5 W	New Drill Drill	10258993	WAN CDR.8312
Sec	27	Footages: 740' FNL, 1565' FEL		
		,	Lease #	Est Days
₹ig∙	H&P 281	BLM Phone #	USA SF-078738	12
GL	6719'	505-599-8907	Like-Kind	(248) Cost
(B:	6735	OCD Phone #	136 85 \$/ft	\$1,151,745
		EDE 224 6170	ADD TMD.	0.4461

	in case of Majo	or Emergency Call	911		+
	Give the following information to Operator.			County	Rio Arriba
	Well Name	San Juan 30-5 Unit #94M		State	NM
2	Latitude ²	36 degrees	47 minutes	20 000 seconds	(NAD 83)
	Longitude	107 degrees	20 minutes	27 820 seconds	(NAD 83)
	From Bloomfield Go	37 7 ml on Hwy 64 (mile ma	arker 102 3) turn	left (north) on hwy 527, a	ka Simms Marina Road Go 8 0 mi, North on Hwy
	527, turn right onto Ro	sa Road. Go 6 4 ml, atong F	losa Road cross	ing La Jara Wash turn rig	ht (Easterly) at BLM / forest service warning sign.
	Go 5 3 ml, crossing La	a Fragua Wash, stay on maii	road East. Turi	right (South Easterly) int	to Manuel Canyon toward Espinosa Ranch Go 1 3

Environmental, Health & Safety

'Opportunities are usually disguised as hard work, so most people don't recognize them.' Ann Landers. "Nothing is particularly hard if you divide it into small jobs " Henry Ford

	TRIR*	LWC	RWC	MTC	FAC
Goal	0	0	0	0	0
Actual (4/15/09)	0 66	1	1	1	43

*TRIR - Total Recordable Incident Rate per 200,000 man-hours

Environmental Goals:

- Zero Spills on Location
- Remove Trash from Roads and Locations

Scalenger Premium Life w/ 3% CaCl, 0.25 pps Cabo Finites, pps	GL 671 KB: 673	15'	505-599-8 OCD Photo 505-334-6	ne#	Like-Kind 136 85 \$/ft APD TMD	(248) Cost \$1,151,745 8416'	ml, to a "Y" Intersection, well is twinned.	, turn right (South) Go 10	ml, to an existin	ng Conocophillips well location the San Juan 30-5 unit #94, there the	new
1	TVD		TMD	Geology	Hydrautics	Drig Fluids	L	Cement		Materials	
March Sep	0'	T	a 0'	San Jose	12.1 d* strap		Type ill cement wit	tn 3% CaCl2 and 1/4 pps	celloffake		
1	228'	Mariner Stein Str.	228	SCP	214 106		1				l
				Maria (C	8 3/4 OSCHAL)						
122 Commence Com							1-Stage Intermediat	e Cement Procedure	The second	4 9 5/8" Bow Type	
2002 Conformation Septiments Septiments Conformation C				AND ST	7.7.7.7.2		Prefue 210 bels get	lovace, fut le fill			
1	2789		3022	Ojo Alamo	MUD PUMPS	particul teori incere	1 to 10 to 1				
1.24 Supplement 1.24	2967		3223	Kirtland	E SSC→SQ GP NF	Surface will Tech Mid LSNO Drawn Suid (Vis				1+7 Float Shoe (Gemood) + 42 feet Shoe Joint 7: 23 0# 1-55 1 RC	劉
1.50			3240	Street Tool (If seeded)	116 (26 SPM)	38-35 WT 8 9.0 prg.				7" Float Collar PS, mind Fur 2 and in	
1		A 2.		Stage for the conference of	Weatherford 8-3/4	Possible waste flows all	390 sks	10 5 ppg	12.17 gal per si	32 a) 7" x 8-3/4" Tandem Riso type contralizers 1	0:
250		125				with geviller as headed	1150 cu.ft = 205 bbls	3,00 cu ft/sk	1107	6th, 8th, 810th joints c) one every 3th joint	4
Tail Type Cert All 200 Companies Certification Companies Certification Certifica						Must up (*Strong stall to 40)				continuously from 10th jut to first 7" esg. collai above 9.5/8" surface shop	just
Control Places Conf. Sparefield Sparefield Control Places Conf. Sparefield Control Places Conf. Sparefield Control Places Conf. Sparefield Control Places Conf. Sparefield Control Places C	2995		3255	Fruitland		Frieldend, April 25% LCC					
Table		道。								Centralizers configuration is per	
The part of the control of the con											
2001 Peture Clifs Comparison of the Compar							Tail Type III cmt. v	w/ 1% CaCl. 0.25 pp	s Cello-		
1997 Petitina Curis, 200		EXE.									
3749 400 Clever Congent plants 20 Clever Congent plants 20 Clever Congent plants Conge	3641 2		3931	Pictured Cliffs	COLUMN TO THE STATE OF THE STAT		97 sks 12 22	A 14 60 ppg 1	6.64 gal per si	Totals	-
According to 15 per Contract materials Contra	3748		4039	OWE	Commission 600		134 cu ft = 24 bbts	1.38 cu ft/sk		7 224 55 75	
September Sept	137		2.4				Displacement:	161 36 bbi dis	The second second	Accessed 1, 23,0% 3'55 Clock Willow Ballan	
Additional Control Supermendents Super						(surface moture) to 11 5				and the second second second second	
## above after Thing the section flow section flow section flow section flow flow flow flow flow flow flow flow						density) Sphere slurry					
Add										32:7, x 8-3/4. Tandom Rise type contralizers	
4.729 Hurfanto Bentonte New Damond Ar 100 2000 to 100 to 2000 to	3848		1130	ICP-6		333331	Top of Tall @ 3311.2 ft. Ti	MD			差
5026' Chacra	7	28.28.20.25.	T		Children Server Color						ı
Substitution Subs	4429		4720'	Huerfanito Bentonite	6-1/4" Bit Marquis			termediate Cement Pr	rocedure		
Same	4735'		5026'	Chacra						10 feet 4-1/2" 11 6#, L-80 LT&C marker ,t & Greenhor	m
Second S	4		1		[Shoe if Gas Buster is in	CHEST CONTRACTOR AND	envire me met t	200	3404 feet 4-1/2* 11 6#, L-80 LT&C	Į
Second S					24KW08	use	20 sks / 20 56 cu.ft = 10 bbls	11.0 ppg 3.02 cu fl/sk	17 89 gal/si	10 feet 4-1/2" 11 6#, L-80 LT&C marker jt. \$ the Huerf Bentonde	anito
6148 Point Lookout Sow ROP Both Continue Sow ROP So as 12 in prof 12 colors	> Sthets						FORTY IS LEGISLATION OF THE ANY DIV	a caus orso bha ceno ciase	,5 pps LCM-1;		
6275 6566 Mancos Manco	5857'		6148	Point Lookout			59 sks	12 1 ppg	11.29 gal/sk	4/12 teet 4-1/2 11 6#, L-80 LT&C to surface 11 4-1/2" x 8-1/4" bow type centralizers, one ever	
1	Walio						Tail: Type III cmt. w/ 1% C	aCl: 0.25 pps Cello-Flake a	nd 0 2% FL-52.	other joint for first 10 joints, then 1 above the A <u>Totals</u> shoe inside 7 csg	~
7400' Gallup	6275'		6566	Mancos	of Greenhorn		OF ALL SECTION AL CONTRACT CONTRACT	The second secon	6 64 gal/sk	8566 feet 4-1/2" 11 6#, L 80 LT&C + 150 feet extra	
Season S	74.00			0.11.			DIGHT STORY	And the second second second		1 4-1/2" F Collar w/ baffle latch in & 3/4" choke	
State Stat	/109		/400	Gallup	10 2 000		Scavenger Premium I Re	w/ 3% Carl O 25 one Collo	Flake 5 pps	If must drilled, contact office for new TD	ĺ
8003' 8294' Paguate Oxygen conc 480 sk 12 1 ppg 17 89 gal/sk 27 cut ft = 5 bits 3 02 cut ft/	7845'		8136	Greenhorn	8 RPM to 25		LCM-1, 0.4% FL-52, 8% be	entonite and 0.4% SMS.	17 80 nal/el	Production Cement Procedure	06.0E
8003' 8294' Paguate Oxygen conc 480 sk 12 1 ppg 17 89 gal/sk 27 cut ft = 5 bits 3 02 cut ft/							56 cu ft = 10 bbls	3 02 cu f/sk	There	Scavenger, Premium Lite HS FM + 0 25pps Cello-Flake, 0 3% CD-32,	
8318' Cubero MUST be 8"- or less white drifting 400 ks 121 popp 27 cut 5 bbls 302 cut l/sk	8003,		8294	Paguate		Degan cooc				to zapps court, the re-az.	Wak
Have mud loggers on hole from 7300 TMD to TD. 8396' Est Btm Pert 8121' 8125' 8416' TD Mud Logger will be Softrock (970-247-8868) Mud Logger will be Softrock (970-247-8868) Mud Logger will call TD Mud Logger will call TD No Open hole logs 980 ga/sk 45% 622 cut = 111 bits 1 98 cut //sk 45% Bring Cement 100' above the intermediate shoe Add 2sib. Bag sugar to first displacement	8027		8318'	Cubero		MUST be 8% or	480 Sks	12.1 ppg	1. 11 29 ga/sk	27 cu ft = 5 bbls 3 02 cu ft/sk	z¥SK
8105' 7 8416' FD No Open hole logs Mud loggers will be Softrock (970-247-8868) 622 cu ft = 111 bbs 1 98 cu ft/sk 45% Bring Cement 100' above the intermediate shoe and then contact the drifting purportitional of the first displacement shoe and then contact the drifting purportitional of the first displacement shoe and then contact the drifting purportition of the first displacement shoe and then contact the drifting purportition of the first displacement shoe and then contact the drifting purportition of the first displacement shoe and then contact the drifting purportition of the first displacement shoe and then contact the drifting purportition of the first displacement shoe and then contact the drifting purportition of the first displacement shoe and th	8067'		8358	Lower Cubero		less white drilling	Have mud looner	s on hole from 7300'	TMD to YD	320 sks 12 5 ppg 9 80 gs	al/sk
8121' St PBTD hole and then contact the drilling superintendent Mud Logger will call TD Add 25lb. Bag sugar to first displacement 8125' 8416' FD No Open hole logs	8105		83961	Est Stm Ped	If hade gets wet, imma	deatoky start našiona ovit nil				622 cu ft = 111 bbls 1 98 cu ft/sk 4	
8125' No Open hole logs	8121'	79	8412	Est PBTD			Mud	Logger will call TD			- 1
	1/4		i								
C: VIOCUMENTS and Software well-procedure to the Company of the Co	8125'	I [8416	TD	C\Documents and Settle	nactwalkack ocal Schiooch	Temporary Internet Education	Open hole logs			╝

SAN JUAN 30-5 # 92P (MV/DK, 1.5 mile SW, May 2009). Mote drilled surface hole to 234 "Plan & cmt 9-5/8" to 229" w/ 21 6 bbts cmt Curc 2 bbts to p4 P/U a 8 3/4" Hugnes HC506ZX PDC b4, drilled to TD & 3730" (90 8 FPH) Ran 7' casing & set shoe at 3720' (Lost 10 to 20 BBLS of mud at 1800'). Cemented in a single stage and circulated to pit 44 bbls. Dnil with air to 7995 (164 FPH). Run 4-1/2" to 7991, and cmt w/ 114 bbls cmt (40% excess). Bump plug TOC @ 2300' (1430 ft overlap) San Juan 30-5 Unit #94 (MV/DK, Existing Well 1983) Orld 12 1/4" surf-hole to 385-ft. ¼ deg. Incl. Ran 9 5/8" csg

36 ppf K-55, set @ 383-ft, FC @ 184-ft Cmtd w/ 275 sxs, had 26 bbls cmt to surf. Dnlled 8 ¾" hole to 3676-ft, short trip Circ. & Cond. Mud. POOH for logs. R/U & ran logs. Drld to 3950-tt. Pan 95 jnts (3941-tt) of 7 * 20 ppt K-55 sal. & 3943-tt. PC & 3912-tt. Cmtd vi 130 ses + 75 sas lead & tad Displ. wi 158 bibs of water. Set csg. slips. P/U 6 ¼* Blh & Drld cut. Drld w. ar to 8143-tt. Pan OH logs. Pan 25 jnts (8133-ti) 1710-tt. of 4 ½* 11 6 ppt K-55 STC csg. & 6423-ft of 4 1/2 10.5 ppt K-55 STC, set @ 8143-ft, FC @ 8133-ft Cmtd w/ 250 sxs Class B tait w/100 sxs Displ 1/2

SJ 30-5 Unit # 90M (MV/DK, 1.5 miles NE 2004): Ran & cmt 9-5/8" to 243' w/ 31 bbls cmt(130% excess). Circ 10 bbls to pit Drill 8-3/4" hole to 3732' TD, (Lost partial returns at 3550' cuted with LCM in mud). Short trip to 3147', increase LCM to 25% to heal partial losses. Ran to bottom. Circ w/ full returns. POOH, Ran 7" to 3732. Circ and single stage cement w/ 246 bbis cmt(145% excess). Circ 10 bbis to pit. Dnll with air to 8100° TD. Ran 4-1/2" and cmt w/ 124 bbls cmt(50% excess) Bump plug. TOC @ 2350'

San Juan 30-5 Unit #75F (MV/DK, 2007, 2.0 mi NW): Ond 12 1'4" hole to 243-ft 1/2 deg incl. Flan 9 5/8" csg to 236. ft Cmtd w/ 37 bbls of slumy @ 15.2 ppg 7 bbls back to surface PAU 8.3/4* PDC RIH & tag at 192-ft. Drld out to 243ft & anead to TD @ 3411-ft, no tosses occured. Short trip & RIH circulated out 5 ft of fill. Circulated hole clear. Ran-7" casing with no problems or loss circ FC @ 3364-ft & FS @ 3407-ft Cmtd w/ 167 bbls of lead @ 12 1 ppg & 22 bbls of tail @ 14 6 ppg, Had 21 bbls returned to surface, RIH w/ 6 1/4" hammer, Drkt out FS & FC & anead from 3411-ft to TD @ 7831 ft (Well Drv). Cmtd w/ 111 bbls of tail slurry. FOC @ 2300-ft found 10-ft of fill inside 4 1/2" before perforating shots

San Juan 30-5 und #75N (MV/DK Air DnH, 2009, 0.3 mi, NW) Spud 12 14 hole Drid to 233-ft 1 1/4 deg incl. Run 9 5/8' csg_set @ 228-ft R/U Cmitrs Pumped 22 bbls of 14.5 ppg skurry Circ 4 bbls of cmt to surf M/U 8 ¼" BHA RII & tagged cmt @ 123-ft Drid cmt & shoe track to 233-ft Drid ahead to TD @ 3678-ft Run 7" csg. stage tool @ 2570ft 115 hrs TT, lost circ @ 2100-ft. Run rest of 7" csg. 34 jats 30 ft/min, set csg. @ 3668-ft. R/U Crafts. Pumped 56 bbls tail @ 11.6 ppg_dispt w/ 50 pbls of tw & 97 bbls of mud, 1 stg bumped ptug open stage tool to 2100 psi, 10 bbls cmt returned to suif. Losses occurred 40 bbls into displacement, 2 stg, Pumped 139 bbls of lead @ 12.1 ppg, drop & displipting w/ 104 bbts 70 bbts of cmt returned to surf. P/U air hammer, drid shoe track to 3680-ft. Drid 6 1/41 air section F/ 3680-ft to 8008-ft. Circ. RIFI w/ 4 1/2" csg. set & 8006-ft top FC 8004-ft, PBTD @ 8002-ft. Tail in w/ 368 sxs, 108 bbts of siurry @ 12 5 ppg 9.26 days well.

Operational Notes

Directional Info Weatherford Plan 1											
Measured Depth (ft)	inclination (d)	Azimuth (d)	Vertical Depth (ft)	Build Rate (d/100ft)	Casing Point						
0.00	0.00	0.00	0.0	0							
350 00	0 00	0.00	350 0	0	KOP						
1,267 10	27 51	195 65	1232 3	3	Top Tang Section						
3,221 60	27 51	195 65	2965 7	0	Bttm Tang Section						
4,138 70	0.00	0 00	3848 0	-3	Int Csg Point						
8,415 70	0.00	0.00	8125 0	0	Prod Csg Point						

Dnill out surface cmt with directional equipment, drill to KOP of 350°

A 6 1/4" MWD tool will be used, Run 6-3/4", 7 8, 0 28 rev/gpm, 5 0 motor for directional work

Ir DD plan changes, recalculate position & drill to TVD. If deviation at int. YD exceeds 54, call office for further instruction If necessary at 7° csg. point (4,139' TMD, 3,848' TVD), TOH w/DD BHA & TiH w/ insert bit, collar, 8-1/2° 3-pt. reamer

Target info

Bottom hole location is 740' FNL and 1565' FEL (Section 27)

-Target is 1285 4'S and 360 2'W from surface stake

BHL is 1334 9_from surface location, 195 65 in Azimuth

-Target size is a 100' radius around the BHL. There are no Hard lines encounter. Target is the center of the subsection. Operational into

Fluir DD BHA & 20 [ts of 4 1/2" HWDP - XO connections for Intermediate hole. Cross over to XT-39 DP Run 10 its of 4" HWDP for air BHA, use 20 DCs if mud drilling necessary

Caliper everything that goes through the table

Cement company will be BJ Pump cement job no greater than 5 BPM

Run this widil and treat losses as done on San Juan 30-5 Unit 75N (previous well for H&P 281). Losses are expected

Run Iso-Sacanner Schlumberger Windline 12 hrs. NOT 24: 12 hrs. after end of intermediate coment Job (505-215, 2480).

Install drilling head rotating rubber once BHA is burned

Contact Southwest Bit & Tools for intermediate bit needs (632-1452)

beel M IR on al flow .

- Fill out all Check Sheets (MiRU, pre-spud) and take pictures of location

Use Weatherford for all FE, drill string & DD needs. Run Rubber Paigs on Mild & Omega on Air section. - Call regulatory agencies 24 hrs. in advance of BOP testing, spud, running csg, or cmtg. Leave message if after hrs.

- Have Bloole line rigged up prior to drilling the Kirtland

Land contact. Elmo Seabolt. (505-320-3602). Construction contact. Quint Westcott (505-215-1509). MSO (Area 6) Bowker. Terry 505-599-3444). Contact MSO to SI 1030-'t above FC -well-SJ 30-5 #235-200-ft a+ay

7/27/2009

Nestor Sanchez - Drilling Engineer

Terry Carpenter - Drilling Superintendent