

*See Instruction on Reverse Side

Mudge Federal # 4
Cement Data for P & A Operation
Started on 04-24-97
Completed on 04-28-97
BLM Rep. on location (Kevin Schnieder)

Plug # 1 (4480' - TD)

Bullhead 93 sx. class B cement w/ 2% CaCl₂. Displaced to 2900'. WOC.
Tag @ 4480'.

Plug # 2 (2697' - 2597')

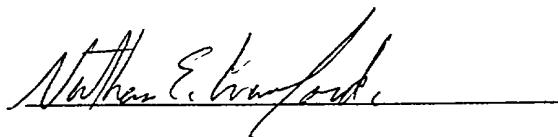
Perforated @ 2697', bullhead 43 sx. class B cement. Displaced to 2547'.

Plug # 3 (1817' - 1357')

RIH w/ 1 1/4" tubing to 1817'. Spot 13 sx. class B cement, balance plug.

Plug # 4 (805' - surface)

Perforate @ 805'. Establish circulation through bradon head. Mix and pump 225 sx. class B cement (good returns). WOC. Cut off well head. Install dry hole marker.



Nathan E. Crawford.
P & A Supervisor
Big A Well Service

RECEIVED
DEC 19 1997

OIL CON. DIV.
DIST. 3



P. O. DRAWER 3337
FARMINGTON, N.M. 87499
PHONE: (505) 327-4961

COMPANY Conoco

67623

LEASE mudg

WELL NUMBER H

STATE/COUNTY NM San Juan

SEC. 2 TS 21 R

UNIT # 8

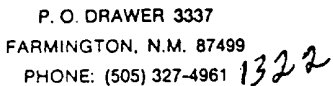
NW ☐ OW ☐ INC. ☐ COMP ☐

DAILY OPERATIONS

DATE 4-25-97

FROM	TO	
7:30	8:30	Travel (Drive wireline)
8:30	9:30	Woo
9:30	10:30	Killwell & Pump 935K Cement Plug
10:30	12:30	WOC Tag Cement @ 4480
12:30	1:30	WOC Press Test 500psi
1:30	2:00	Rig up wireline perf @ 2697
2:00	3:00	Pump 435K Cement Plug (Tight Formation)
3:00	4:00	Wait on 1 1/4 TDG
4:00	4:30	Pick up TDG To 1817
4:30	5:30	Spot 135K Cement Plug & Log down TBG
5:30	6:00	Rig up wireline perf @ 805 Estab Rate into Perfs
6:00	7:00	Rig down
7:00	8:00	Travel (Drive wireline)

BIG A	REN-TAL	COST	BIG A	REN-TAL	COST
		PICKUP			STRIPPER RUBBERS
		POWER TONGS			SWAB CUPS SIZE TYPE
		STRIPPER HEAD RECTOR HYDRAULIC			OIL SAVER RUBBERS
		COMPANION FLANGE			TONG DIES
		B.O.P.			SLIP SEGMENTS
		CLOSING UNIT			OIL SAVER BRASS
		POWER SWIVEL USED ☐ STD-BY ☐			PIPE DOPE () CANS
		PUMP & PIT			
		HOSES (HIGH PRESS.) NUMBER ()			DIESEL GALS.
		PIPE RACKS			EMPLOYEES TIME HOURS
		CATWALK			RIG TIME 10 1/2 \$
		SWAB TOOLS			TRAVEL TIME 2
		SWAB JARS			OPR. <u>Jose Herrera</u> 10 1/2
		TONG HEADS 1" ☐ 1 1/2" ☐ 3" ☐ 4" ☐			DRK. <u>Jose Herrera Jr</u> 12 1/2
		DEPTHOMETER			F.H. <u>Saul Ballardo</u> 12 1/2
		SPIDER & SLIPS 1" ☐ 1 1/2" ☐ 1 3/4" ☐ 2 1/16" ☐			F.H. <u>William Clarence</u> 12 1/2
		3" ☐ 4" ☐			F.H.
		ELEVATORS LYT ☐ 3" ☐			
		STEEL LINE FOR B.O.P.			OPR. SIGNATURE <u>Jose Herrera</u>
		BLOW LINE STANDS & FLOW TEE			TOOL PUSHER SIG. _____
		B.O.P. RAMS ADDITIONAL 2" ☐			ACCEPTED BY: _____
		MUD PIT ADDITIONAL			TOTAL DAILY COST \$ _____
		STANDING VALVE () DROPS			
		ROD STRIPPER HEAD			
		ROD FISHING TOOLS			
		SAND PUMP			
		PARAFFIN KNIFE			



LEASE Mudge

STATE/COUNTY NM San Juan

SEC. 2:21 TS R

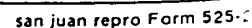
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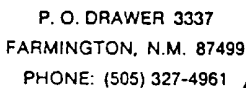
UNIT # 805

DAILY OPERATIONS

DATE 4-25-97

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LEASE Mudge

WELL NUMBER 4

STATE/COUNTY N.Y. San Juan

SEC. 2:21

TS _____ R _____

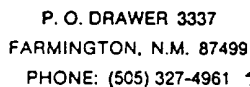
NW ☐ ... PW ☐ INC. ☐ COMP ☐

UNIT # 805

DAILY OPERATIONS

DATE 4-28-97

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LEASE mudg

WELL NUMBER 4

STATE/COUNTY NM San Juan

SEC 21 TS _____ F _____

NW ☐ OW ☐ INC. ☐ COMP ☐

UNIT # 8

DAILY OPERATIONS

DATE 4-24-97

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