April 23, 1996	Former PNM dehydrator pit. Unlined surface impoundment	
Site Assessment	requiring a 45-bbl tank.	
Conducted		
April 24, 1996	Cessation of discharge from dehydrator occurred. Soil	
Pit Remediation	remediation of the former pit was performed, removing	
Performed	approximately 286 cubic yards of soil. Soil was landfarmed at	
	the Hampton 2 well site. Bottom excavation sample at 11.5':	
16	600 ppm benzene; 1300 ppm TPH 622 ppm BT	
December 16, 1996	Drilling was performed to determine the vertical extent of	
Vertical Extent	hydrocarbon contamination beneath the former dehydrator pit.	
Drilling	Groundwater was encountered at approximately 28' below	
	ground surface. Soil above the water table was saturated with	
	product. Monitor well, MW-2, installed. Approximately 2-	
	inches of product observed in the bailer. "Gray to greenish	
	gray "clayey" sand at 22-24'. Very hard. Could be prod. sat'd	>
	soil (notes from well log, 12/16/96)."	
January 13, 1997	PNM provided notification to the NMOCD w/ copy to	•
Notification	Burlington Resources (BR) of groundwater contamination at	
	the Hampton 4M site	
January 28, 1997	PNM gauged monitor well MW-2 and discovered more than 4'	
Free Product in MW-2	of free phase product on the water table.	
January 31, 1997	PNM installed two additional monitoring wells, MW-3 (ND),	
Installation of Monitor	and MW-4 (800 ppb benzene; 2600 ppb BTEX). Water level	
Wells MW-3 & MW-4	measurements, product measurements and groundwater	
	samples for BTEX method 8020 were taken at all wells.	
February 4, 1997	On-site meeting with the NMOCD, PNM and BR to discuss	
On-site Meeting	remediation options at the site.	
April 9, 1997	On site visit with PNM and BR.	
On-site Meeting		
April 14, 1997	During a site visit BR discovered a surface seep of	
Off-site Hydrocarbon	hydrocarbons to the northwest of the well pad. Free phase	
Seep Discovered	hydrocarbons were found seeping from the ground surface into	
	a small drainage area. BR notified both NMOCD and PNM.	
April 16, 1997	A meeting was held on site with NMOCD, PNM and BR to	
On-site Meeting	discuss the off site hydrocarbon seep. NMOCD requested that	
	immediate action be taken to contain the seep. The group	
	agreed that a collection trench should be installed to slow or	
	stop the migration of the hydrocarbons.	
April 16, 1997	BR obtained archeological clearance to construct an off-site	
Archeological	collection trench to the north of the well location.	
Clearance		



April 17, 1997	BR constructed a collection trench to the north of the well
Collection Trench	location. The trench was situated between the hydrocarbon
Construction	seep and the well location. A sandstone shelf was encountered
	six to eight feet below the ground surface. Black to gray
	saturated soil with signs of hydrocarbons were found on top of
	the sandstone shelf. P.I.D. readings were in the 1.000 to 2.000
	ppm range. Water and a small amount of hydrocarbons began
	collecting in the trench.
April 30, 1997	BR attempted to excavate the area of their former tank
Tank Discharge Pit	discharge pit. Sandstone was encountered at 1' below the
Excavation	bottom of the pit. The excavator could not penetrate the
	sandstone A report indicates a PID survey of the soil and
	sandstone revealed no volatile hydrocarbons. No visual signs
	of hydrocarbon contamination existed BR began excavating 9
	to 10 test holes over the well rad location. On the southern
	end of the location sandstone was encountered at 0 to 1' below
	the surface Sandstone dipped sharply to the north to a depth
	of approximately 15' below the surface. No hydrocarbon
	contaminated areas were found in any of the test holes
Lune 4, 1007	On site meeting with NMOCD, DNM and PR to discuss
Julie 4, 1997	further investigation at the site. The group agreed to continue
On-site meeting	the investigation using a soil boring rig
Lune 5, 1007	Three holes were hered on the site just south of DNM's
June 5, 1997	dehydrators and discharge tonk (TDW 1 TDW 2 and TDW 3)
Son Borings and	Erec phase product was discovered in TPW 2 (2.48' after 4
Wells	days) and dissolved phase BTEV contamination in TDW 1
wens	(headsnace in soil at 22': 851 nnm). TPW 3 was a dry hole
Lune (1007	RP continued coil baring on the location. A total of four more
June 0, 1997	be continued soft borning of the location. A total of four more
Son Bornigs and	PD 's equipment and tank batteries (TDW 4: 2000 ppb
Wells	benzene TPW-5: 5800 nph benzene TPW-6: 1600 nph
VV CHS	benzene, and TPW-7: 5300 ppb benzene). All of the
	temporary wells showed dissolved phase BTFX
	contamination TPW-5 and TPW-7 showed total BTEX
	concentrations in the 30 000 npb range
August 25, 1007	PNM became aware of an inactive water well drilled down and
August 23, 177/ Sampling of Drivate	cross gradient of the well site on private land. The <i>A</i> inch DVC
Landowner's Wall	well was purged and sampled to determine if migrating
ED Wall	contamination had impacted the well. Desults of the analysis
	for BTEX method 8020 showed ND
	I OI DIEA Incuida 8020 showed ND.

October 29, 1997 Installation of Additional Monitoring Wells	PNM conducted drilling and monitor well installation down gradient of the well site at the northern edge of BLM land (MW-5: 6000 ppb benzene; 24,000 ppb BTEX). Up- gradient monitor well (MW-1: ND) was installed south of the well site
	just above the well pad.
October 30, 1997 Installation of Product Recovery Well	PNM installed a 4-inch product recovery well (MW-6: very hard at 18'; 18-20' weathered SS- 237 ppm HS; 23-25'- sat'd w/ HC) on the northern edge of the well pad directly payt to
	MW-2, where known free product was present. Water levels and sampling of MW-1 and MW-5 were taken for BTEX method 8020 analysis.
November 11, 1997	PNM performed soil borings with a hand auger along the wash
Soil Borings	north of MW-5 (2400 ppb benzene; 9400 ppb BTEX), to try
	and further delineate the extent of contamination down the
	wash. PNM temporary well TMP-1 was also installed down
	gradient. Results of the investigation revealed that the
	contamination had traveled at least as far as the Williams pipe-
	line crossing.
November 12, 1997	PNM gauged recovery well MW-6 and discovered 4.80' of
Free Product in	free phase hydrocarbon on top of the water table.
Recovery Well MW-6	
December 11, 1997	PNM installed monitor well MW-7, the farthest down-gradient
Installation of	well, above the WFS pipeline along the right-of-way. PNM
Additional Monitoring	also installed monitor well MW-8 (1500 ppm in soil between
wells	10 and 25') on the well pad between former temporary well,
	TPW-2, and monitor well, MW-4.
January 12, 1998	PNM started product recovery in product recovery well (MW-
Product Recovery	6). Product gauging prior to start-up showed 4.72' of product
	in MW-6 and 4.41' of product in MW-2.
January 12, 1998	PNM conducted water/product level measurements in all
Quarterly Monitoring	monitoring wells. Groundwater samples were collected from
	all wells without free product for BTEX method 8020 analysis
	(MW-4: 1251 ppm benzene; 1363 ppm BTEX).
April 14, 1998	PNM conducted water/product level measurements in all
Quarterly Monitoring	monitoring wells. Groundwater samples were collected from
	all wells without free product (free product present in MW-2,
	MW-6 and measurable product for the first time in MW-8:
	0.0.37') for BTEX method 8020 analysis.
May 11, 1998	BR installed monitoring wells MW-9 and MW-10 upgradient
Installation of	of PNM's former dehydrator. MW-9 was installed just south
Monitoring Wells	of PNM's dehydrator tank and MW-10 was installed south of
	PNM's former dehydrator in the area of former TPW-2. MW-
	10 accumulated approximately 1.5' of product within 24hours.





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July 1, 1998	PNM conducted water/product level measurements in all
Quarterly Sampling	monitoring wells. Groundwater samples were collected from
	all wells without free product for BTEX method 8020 analysis.
	A soil sample was collected just above the water interface in
	the northeast corner of the BR excavation for BTEX method
	8020 analysis (36 ppm benzene in soil; 2126 ppm BTEX in
	soil).
July 2, 1998	PNM collected product samples from various sources on site
Product Sampling	for PIANO analysis to try and match up the source of the
	product.
July 8, 1998	PNM and representatives of PNM conducted a site visit to
Site Visit	familiarize everyone with the site. Daggett surveyors met
Survey Crew	PNM to survey in new wells and various points around the well
	site.
July 9, 1998	PNM collected soil samples from the BR excavation just above
Geo-technical	the water table for sieve analysis and moisture content.
Sampling	Groundwater samples were also collected from TMP-1 and the
	surface of the hydrocarbon seep.
October 5, 1998	PNM conducted water/product level measurements in all
Quarterly Sampling	monitoring wells. MW-4 shows 0.63' product.
October 8, 1998	PNM present on site when BR installs SB-1 and SB-2.
PNM On Site for	
Installation of SB-1	
and SB-2	
November 5, 1998	PNM receives notice that free product system in MW-6 has
Free Product	been removed.
Recovery System	
Removal	
November 9, 1998	PNM conducts final groundwater sampling after notification
PNM Conducts Final	from BR of plans to commence site wide excavation at the
Sampling at Site	Hampton 4M.
November 10, 1998	PNM present on site when BR begins excavation in area of
PNM On Site During	PNM's former pit location.
BK Excavation	DNM emport on site and at location of DD's installation of
November 12, 1998	PNW present on site and at location of BR's installation of
PNWI OII Site During PD Installation of	PNM submits Hampton 4M Dit Demediation and Closure
DK Instanation of Downgradient	Prive submits Hampton 4W Fit Kenediation and Closure Report to OCD personnel on site
Woll/Excovation	Report to OCD personner on site.
November 1008	BR conducts excavation in area of PNM's former nit
through February	excavation and trenching in areas ungradient of PNM's former
1999	operations BR also conducts limited backfilling in area of
	PNM's pit and backfilling in old excavation located in the
	southeast corner of well pad.

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January 27, 1999	PNM conducts quarterly sampling of remaining wells (MW-
PNM Quarterly	1,-4,-5,-7,-9,-11)
Sampling	
April 14, 1999	OCD personnel sample hydrocarbon seep to the northwest of
Sampling of	the well pad: benzene 40.0 ppb, rainbow
Hydrocarbon Seep	
May 5, 1999	PNM conducts quarterly sampling of wells (MW-1,-5,-7,-9,-
PNM Quarterly	11); BR split MW-5 with PNM; MW-9 shows contamination
Sampling	above WQCC stds for first time; PNM also installs MW-12 in
	center of PNM's former pit location: benzene 1900 ppb (790
	ppb at well installation)
May 19, 1999	BR installs MW-13 to northwest of old BR excavation and
Installation of MW-13	near old MW-4: benzene 1800 ppb
May 26, 1999	BR conducts groundwater sampling, MW-5, -7, -9, -11, -12
BR conducts sampling	and -13; PNM split samples on MW-9, -12, and -13. MW-12
round	(1800 ppb) and MW-13 (2100 ppb)