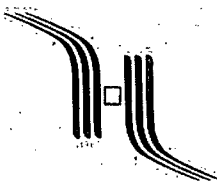


**AP – 035
STAGE 2
REPORT
CLOSURE
REQUEST**

08/26/2012



HOLLY ENERGY PARTNERS

August 26, 2012

Mr. Glenn von Gonten
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re. AP-35, Hobbs North GSA 6-Inch Gathering Line, Lea County, NM
Site Closure Request, Holly Energy Partners

Dear Mr. von Gonten,

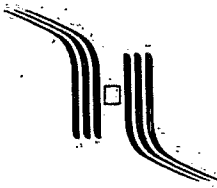
Holly Energy Partners (HEP) is respectfully requesting closure of all activities at the North GSA remediation site, AP-35. Originally the responsibility of Navajo Pipeline, HEP is now the responsible party for remedial activities at this location. A brief synopsis of the site's remedial history and justifications in support of the closure request are presented as follow:

Leak History – A crude oil leak from a north-south Navajo (formerly ARCO) pipeline was discovered January 5, 2001 (Topographic Map). An unknown quantity of crude oil released to the ground and subsurface was reported to the New Mexico Oil Conservation Division (OCD). A remediation work plan was submitted to the OCD by Safety and Environmental Solutions, Inc. (SESI) of Hobbs, New Mexico, in July 2001 and Abatement Plan number AP-35 was assigned to the site in 2004.

Approximately 7,600 cubic yards of contaminated soil and overburden were excavated as the initial phase of remediation, completed on June 7, 2002. A total of nine monitoring wells, including a 4-inch recovery well, were installed and monitored quarterly by SESI.

Current Conditions – Groundwater flow is consistent with regional east-southeasterly topographic and aquifer slope direction. With declining water tables in Lea County, the depth to groundwater has increased from 35 feet below ground surface (bgs) in April 2002 to 40 feet bgs in March 2012. Hydrocarbon sheen or measureable thicknesses have only been detected in monitor wells MW-2 and MW-3, both wells are south and cross-gradient from the point of release. SESI pumped or bailed these wells up to five times a week. Total product recovered over the eleven year life of the project has been approximately 77 gallons. Current recovery is primarily water, with almost no hydrocarbon recovery. Oil-related chemicals of concern – benzene, toluene, ethylbenzene and total xylenes (BTEX) – have been delineated on-site below New Mexico Water Quality Control Commission (WQCC) standards.

The City of Hobbs supplies drinking water from other sources to the surrounding residential area. The area is an industrial area with numerous oil field service companies surrounding the



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location, some of which may have contributed to contamination unrelated to the Navajo release.

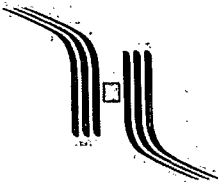
Other Environmental Impacts – Groundwater at this site is also impacted by two unrelated releases. Anecdotal evidence indicates the northern portion of the site was affected by a historical pipeline release predating Navajo's acquisition of the line from ARCO (Mr. Lewis Wright, landowner). That release was never investigated according to Wright and no OCD records are available to document any remedial efforts. Early in the investigation MW-1 exhibited chemical impacts that are cross-gradient and north of the groundwater flow direction of this release.

The second release impacting the site is the chlorinated solvent, ethylene dichloride (1,2-dichloroethane or EDC). SESI has indicated EDC was identified on the adjacent and upgradient westerly property, and on properties further to the west. Concentrations of EDC are detected in all monitor wells including the upgradient monitor well MW-4. During the past year, all wells have exhibited EDC concentrations ranging between 0.011 to 0.280 mg/L, exceeding the WQCC standard of 0.010 mg/L. HEP (nor Navajo) does not use EDC in the crude oil gathering system, nor has EDC been used at this site by HEP or our consultant. HEP believes the chlorinated solvents maybe a mobilization factor for crude oil from other undocumented sources west of the site that are resulting in the crude thicknesses being detected south and cross-gradient from the point of release.

Additional Investigation – In 2010, four soil borings were drilled east of and down-gradient of the removed Navajo pipeline. Results indicated total petroleum hydrocarbons (TPH) at 30 to 35 feet in the area of the original leak but no benzene in the soil samples. TPH concentrations were substantially below the levels of saturation, and are considered to be hygroscopically bound, with little chance of mobilization as a free liquid. Two additional monitor wells (MW-7 and MW-9) and a recovery well (RW-1) were installed in the spring of 2010. Although RW-1 was installed approximately 30 feet down-gradient from MW-3, no saturated or dissolved-phase hydrocarbons exceeding the WQCC standards have been detected.

Justification for Closure

- The area is served by domestic water provided by the city of Hobbs.
- Groundwater is approximately 40 feet bgs without a known down-gradient discharge point, posing little risk to the environment, or public health.
- Monitor wells have low levels of hydrocarbons remaining on the site that cannot be practicably removed.
- Release-related BTEX chemicals in groundwater have been delineated to WQCC standards on site.
- BTEX constituents appear to degrade below WQCC standards before migrating off the affected property.



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- Soil action levels cannot be practicably attained due to the depth (~30 feet bgs) of remaining residual TPH constituents. The remaining chemicals are at concentrations that will not pose a threat to present or foreseeable beneficial use.
- At least two other non-related chemical releases affect the site.
- Chlorinated hydrocarbon compounds affecting the entire site are not part of the release.

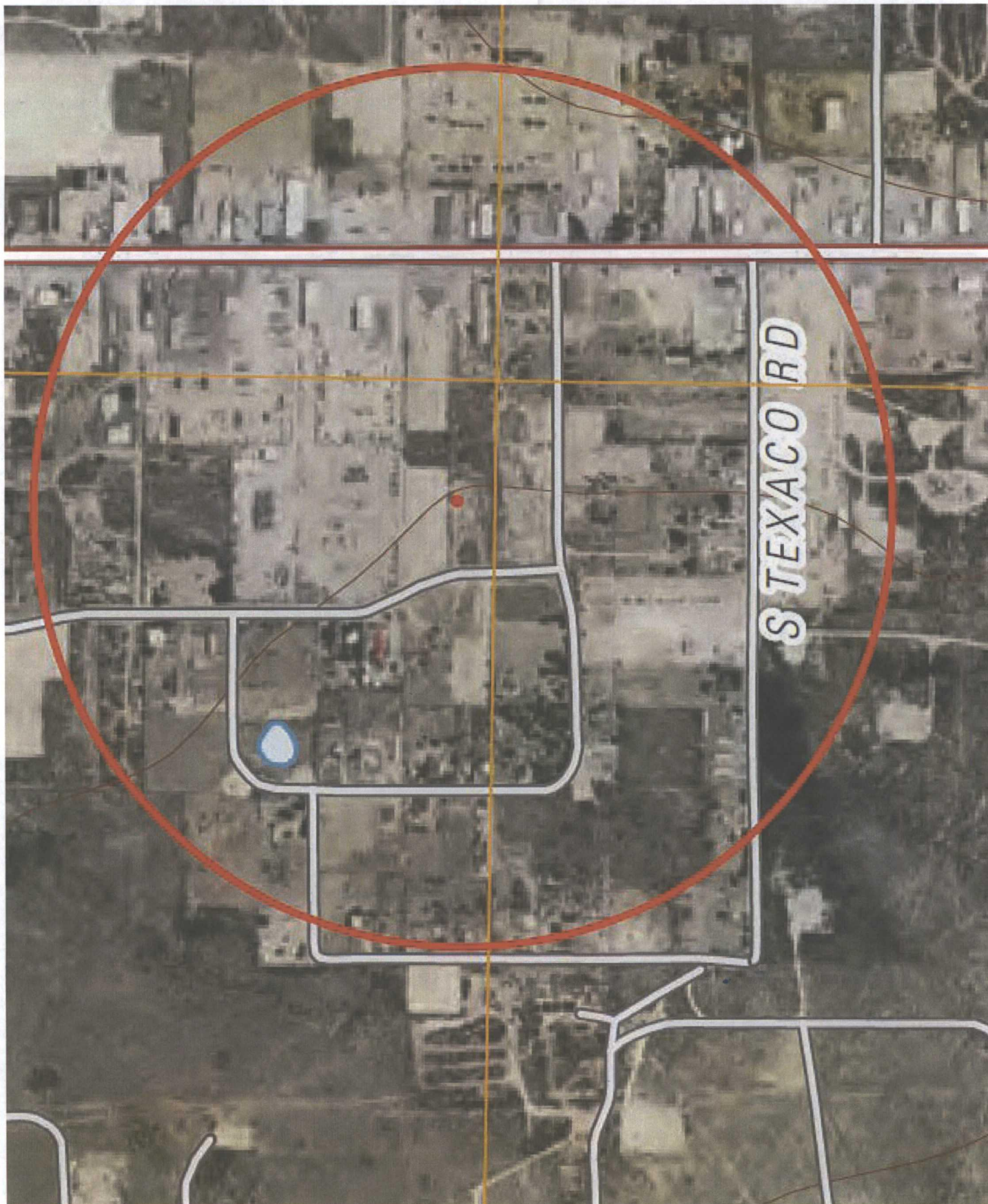
Laboratory analytical data, groundwater and chemical distribution maps, soil boring logs and other site generated information are available for review upon request. HEP will assume the OCD concurs with this request and will begin site closure activities in 90-days if no other written directives or response is received.

If you have any questions or need additional information, please contact me at 575.748.8968 or via email at Bill.Green@hollyenergy.com.

Sincerely,

William D. Green, PG
Environmental Specialist

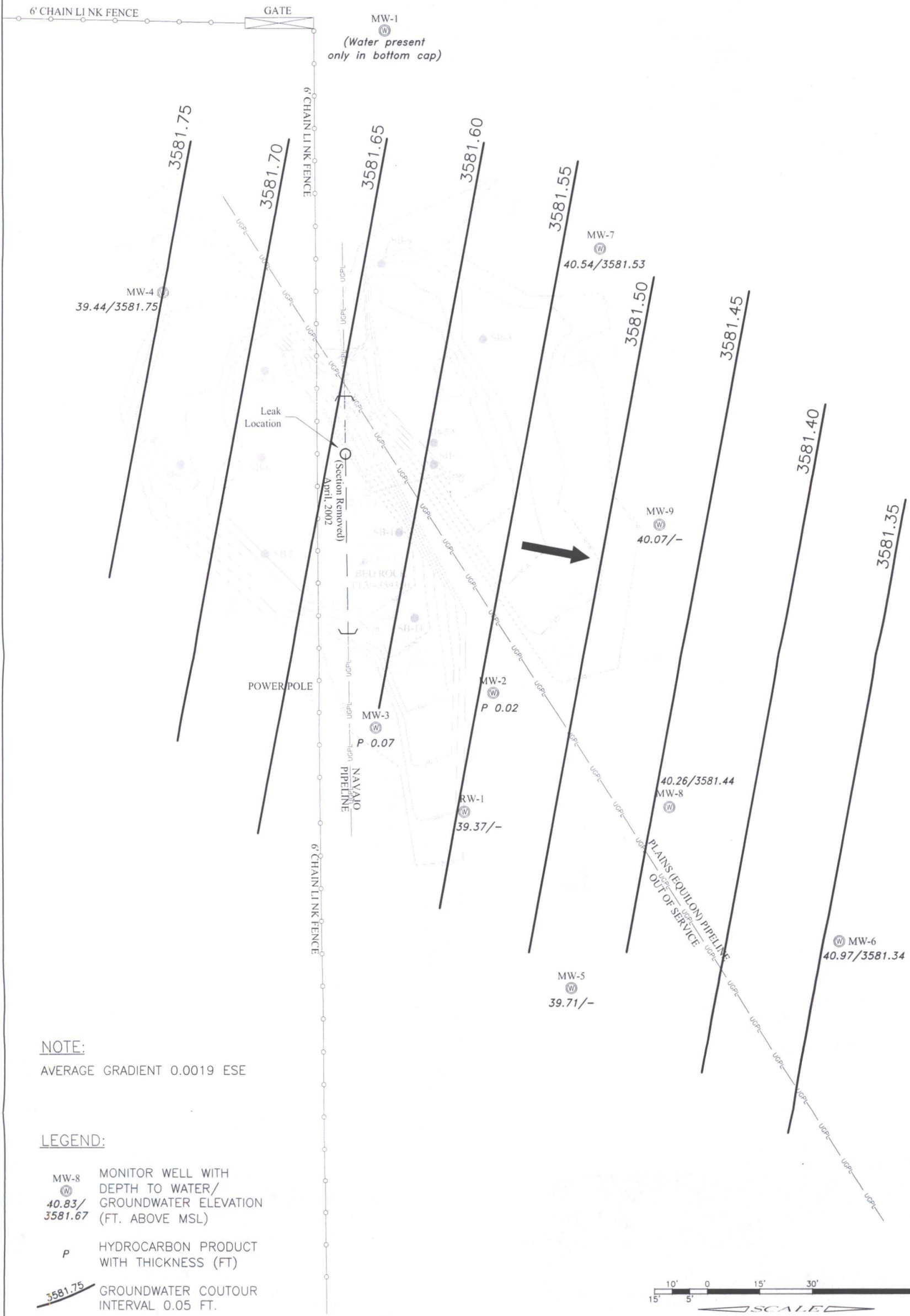
Attachments Enclosed



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USGS Topographic Map

with 1/2-mile Radius from Point
of Release—Not to Scale



NOTE:
AVERAGE GRADIENT 0.0019 ESE

LEGEND:
MW-8 MONITOR WELL WITH DEPTH TO WATER/ GROUNDWATER ELEVATION (FT. ABOVE MSL)
40.83/ 3581.67
P HYDROCARBON PRODUCT WITH THICKNESS (FT)

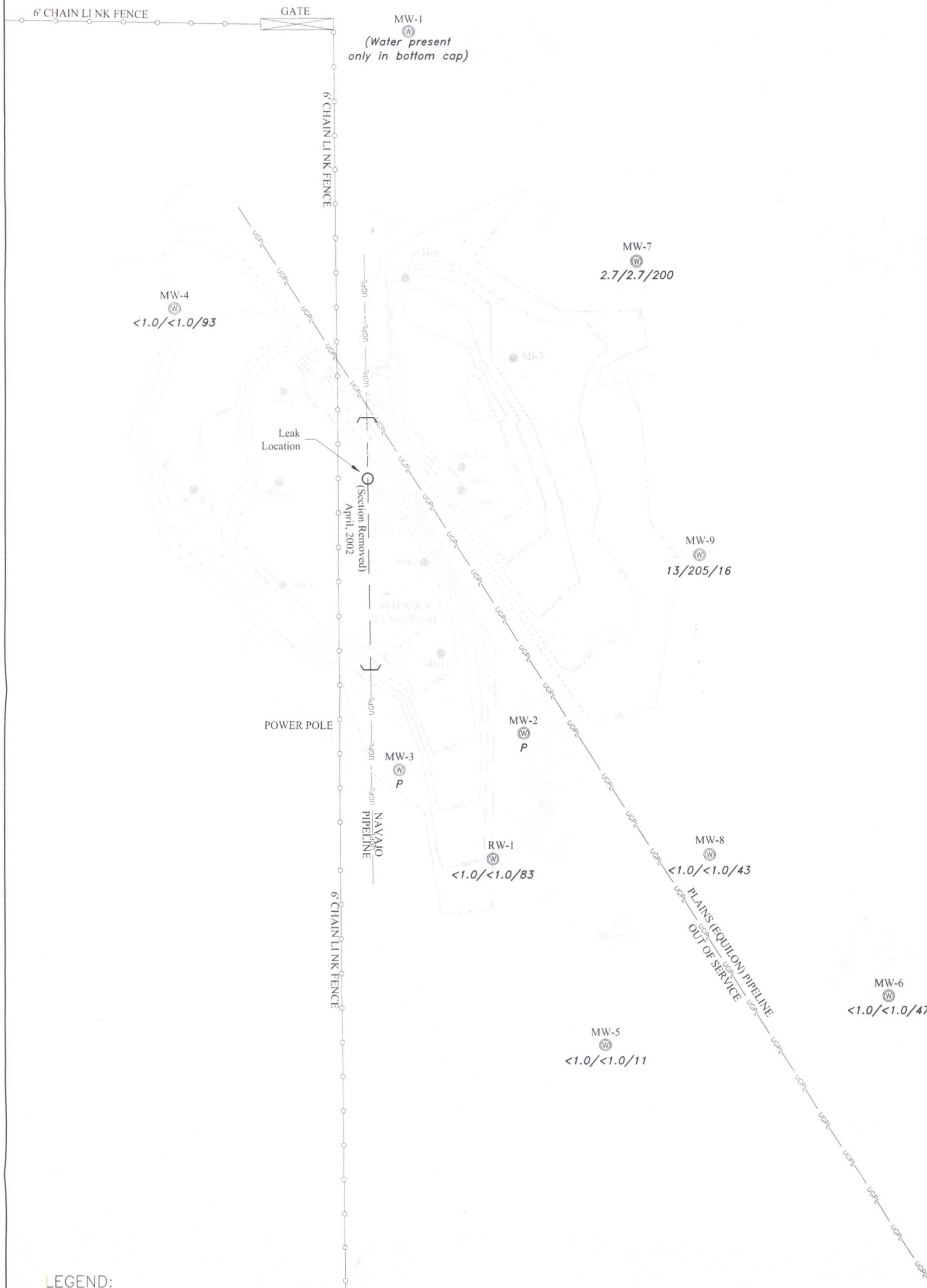
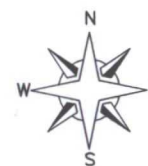
3581.75 GROUNDWATER COUTOUR INTERVAL 0.05 FT.

- - - LOCATION OF REMOVED PIPELINE SECTION
→ GROUNDWATER FLOW DIRECTION

NE 1/4, NE 1/4
Section 5
T 19 S, R 38 E

DRAWING TITLE
**FIGURE 12-1
GROUNDWATER
POTENTIOMETRIC MAP
HOBBS NORTH GSA
6" GATHERING LINE
MARCH 9, 2012**

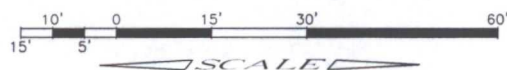
HOLLY ENERGY PARTNERS			
DRAWN BY EJS	CHK'D BY DB	SCALE 1" = 30'-0"	
DATE 5-7-12	APPR BY -	DRAWING NUMBER NAVGSA15.DWG	REV 0



LEGEND:

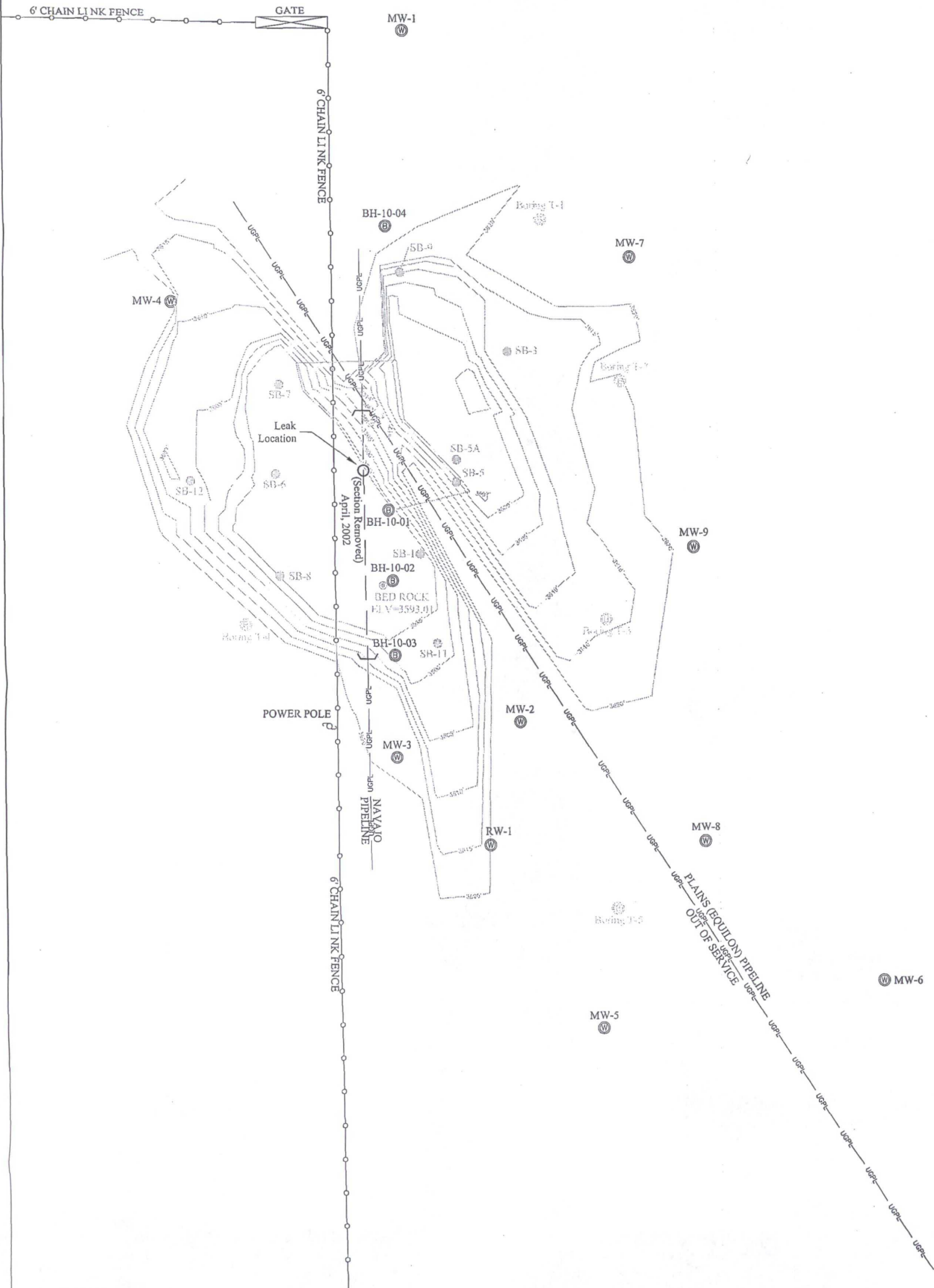
- MW-8
Ⓜ
<1.0/12/36
MONITOR WELL WITH
BENZENE/BTEX/EDC (μg/L)
(EDC: 1,2-DICHLOROETHANE)
- P
HYDROCARBON PRODUCT
NOT SAMPLED
- [- - -]
LOCATION OF REMOVED
PIPELINE SECTION

NE 1/4, NE 1/4
Section 5
T 19 S, R 38 E



DRAWING
TITLE
FIGURE 12-1 WQ
WATER QUALITY ANALYSES
HOBBS NORTH GSA
6" GATHERING LINE
MARCH 9, 2012

HOLLY ENERGY PARTNERS			
DRAWN BY EJS	CHK'D BY DB	SCALE 1" = 30'-0"	
DATE 5-7-12	APPR BY -	DRAWING NUMBER NAVGSA17 WQ2.DWG	REV 0



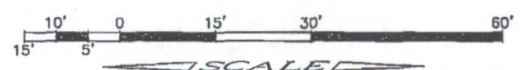
LEGEND:

MW-6
MONITOR WELL

BH-10-04
SOIL BORING

← — → LOCATION OF REMOVED PIPELINE SECTION

NE 1/4, NE 1/4
Section 5
T 19 S, R 38 E



DRAWING
TITLE
SOIL BORING LOCATIONS
HOBBS NORTH GSA
6" GATHERING LINE
APRIL, 2010

HOLLY ENERGY PARTNERS			
DRAWN BY EJS	CHK'D BY DB	SCALE 1" = 30'-0"	
DATE 2-24-12	APPR BY -	DRAWING NUMBER NAVGSA18.DWG	REV. 0



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Quarterly Water Level Measurements
Hobbs North GSA 6-in. Gathering Line

Well ID	Top of Casing Elevation	Measure-ment Date	Depth to Product	Depth to Water	Product Thickness	Corrected Depth to Water	Corrected Water Level Elevation	Total Well Depth
MW-1	3,621.20	05/29/01	--	35.63	0	35.63	3,585.57	40.50
	3,622.36	01/28/02	--	36.53	0	36.53	3,584.67	39.74
		02/19/02	--	36.42	0	36.42	3,584.78	39.74
		04/23/02	--	36.49	0	36.49	3,585.87	39.74
		09/03/02	--	36.91	0	36.91	3,585.45	39.74
		01/20/03	--	36.91	0	36.91	3,585.45	40.47
		05/22/03	--	37.17	0	37.17	3,585.19	40.47
		03/18/04	--	37.99	0	37.99	3,584.37	39.77
		10/12/04	--	37.05	0	37.05	3,585.31	39.75
		01/14/05	--	35.53	0	35.53	3,586.83	39.75
		06/03/05	--	35.70	0	35.70	3,586.66	39.75
		11/08/05	--	35.71	0	35.71	3,586.65	39.85
		03/17/06	--	--	--	--	--	--
		06/26/06	--	36.71	0	36.71	3,585.65	42.29
		09/08/06	--	36.56	0	36.56	3,585.80	42.29
		12/21/06	--	36.11	0	36.11	3,586.25	42.29
		03/27/07	--	36.43	0	36.43	3,585.93	42.29
		06/22/07	--	36.55	0	36.55	3,585.81	42.27
		09/21/07	--	36.69	0	36.69	3,585.67	42.29
		12/11/07	--	36.48	0	36.48	3,585.88	42.29
		03/07/08	--	36.95	0	36.95	3,585.41	42.29
		06/04/08	--	37.36	0	37.36	3,585.00	42.29
		09/23/08	--	37.67	0	37.67	3,584.69	42.13
		12/29/08	--	37.86	0	37.86	3,584.50	42.18
		03/19/09	--	38.12	0	38.12	3,584.24	42.18
		06/23/09	--	38.37	0	38.37	3,583.99	42.36
		09/17/09	--	38.51	0	38.51	3,583.85	42.37
		12/21/09	--	38.73	0	38.73	3,583.63	41.34
		03/11/10	--	38.89	0	38.89	3,583.47	41.33
		06/18/10	--	39.08	0	39.08	3,583.28	41.60
		08/31/10	--	38.87	0	38.87	3,583.49	41.40
		12/07/10	--	39.21	0	39.21	3,583.15	41.09
		03/15/11	--	39.47	0	39.47	3,582.89	41.26
		06/22/11	--	39.82	0	39.82	3,582.54	41.32
		10/06/11	--	40.22	0	40.22	3,582.14	40.93
		12/13/11	--	40.31	0	40.31	3,582.05	40.92
		03/09/12	--	40.69	0	40.69	3,581.67	40.84



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Quarterly Water Level Measurements
Hobbs North GSA 6-in. Gathering Line

Well ID	Top of Casing Elevation	Measure-ment Date	Depth to Product	Depth to Water	Product Thickness	Corrected Depth to Water	Corrected Water Level Elevation	Total Well Depth
MW-2	3,620.30	05/29/01	--	34.88	0.00	34.88	3,585.42	43.55
	3,621.47	01/28/02	35.69	36.49	0.80	35.81	3,584.49	43.55
		02/19/02	35.77	36.28	0.51	35.85	3,584.45	43.55
		04/23/02	35.68	35.93	0.25	35.72	3,585.75	43.90
		05/19/02	35.58	36.14	0.56	35.66	3,585.81	43.90
		09/03/02	36.03	36.21	0.18	36.06	3,585.41	43.90
		01/20/03	36.16	36.17	0.01	36.16	3,585.31	43.90
		05/15/03	36.50	36.51	0.01	36.50	3,584.97	43.90
		03/16/04	--	37.34	0	37.34	3,584.13	43.90
		09/29/04	--	37.03	0	37.03	3,584.44	43.90
		12/10/04	34.70	34.75	0.05	34.71	3,586.76	41.80
		01/24/05	--	34.30	0	34.30	3,587.17	41.80
		06/14/05	--	35.03	0	35.03	3,586.44	41.80
		11/09/05	--	34.90	0	34.90	3,586.57	43.21
		03/17/06	--	--	--	--	--	--
		06/26/06	--	35.91	0	35.91	3,585.56	40.50
		09/08/06	--	35.77	0	35.77	3,585.70	40.50
		12/21/06	35.30	35.31	0.01	35.30	3,586.17	40.50
		03/27/07	--	35.62	0	35.62	3,585.85	40.50
		06/22/07	--	35.71	0	35.71	3,585.76	40.50
		07/26/07		36.91	0	36.91	3,584.56	40.50
		09/21/07	--	35.79	0	35.79	3,585.68	41.68
		12/11/07	--	35.64	0	35.64	3,585.83	40.50
		03/07/08	--	36.14	0	36.14	3,585.33	40.50
		06/04/08	--	36.50	0	36.50	3,584.97	42.99
		09/23/08	--	36.85	0	36.85	3,584.62	42.99
		12/29/08	--	37.00	0	37.00	3,584.47	41.67
		03/19/09	--	37.29	0	37.29	3,584.18	41.67
		06/23/09	--	37.56	0	37.56	3,583.91	40.86
		09/17/09	--	37.72	0	37.72	3,583.75	40.45
		12/21/09	--	37.94	0	37.94	3,583.53	40.45
		03/11/10	--	38.13	0	38.13	3,583.34	40.49
		06/18/10	--	38.31	0	38.31	3,583.16	40.58
		08/17/10	--	38.08	0	38.08	3,583.39	40.58
		12/07/10	--	38.49	0	38.49	3,582.98	40.58
		03/09/11	38.74	38.78	0.04	38.75	3,582.72	40.58
		06/22/11	--	39.08	0	39.08	3,582.39	40.58
		10/06/11	--	38.12	0	38.12	3,583.35	40.58
		12/13/11	38.13	38.15	0.02	38.13	3,583.34	40.58
		03/09/12	38.91	38.93	0.02	38.91	3,582.56	41.97



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Quarterly Water Level Measurements
Hobbs North GSA 6-in. Gathering Line

Well ID	Top of Casing Elevation	Measurement Date	Depth to Product	Depth to Water	Product Thickness	Corrected Depth to Water	Corrected Water Level Elevation	Total Well Depth
MW-3	3,619.67	05/29/01	--	34.21	0	34.21	3,585.46	40.23
	3,620.81	01/28/02	--	35.13	0	35.13	3,584.54	37.42
		02/19/02	--	35.01	0	35.01	3,584.66	37.42
		02/22/02	--	35.01	0	35.01	3,584.66	43.85
		04/23/02	--	35.05	0	35.05	3,585.76	43.85
		09/03/02	--	36.39	0	36.39	3,584.42	43.85
		01/20/03	35.11	37.77	2.66	35.51	3,585.30	43.85
		05/15/03	35.44	37.76	2.32	35.79	3,585.02	43.85
		03/16/04	36.42	38.72	2.30	36.77	3,584.04	43.85
		09/29/04	36.50	37.90	1.40	36.71	3,584.10	42.50
		01/24/05	34.16	34.19	0.03	34.16	3,586.65	41.80
		06/14/05	34.38	34.39	0.01	34.38	3,586.43	41.80
		11/02/05	34.36	34.38	0.02	34.36	3,586.45	41.80
		03/17/06	--	--	--	--	--	--
		06/26/06	--	35.41	0	35.41	3,585.40	39.70
		09/08/06	--	35.07	0	35.07	3,585.74	39.70
		12/21/06	34.55	34.61	0.06	34.56	3,586.25	39.70
		03/27/07	35.92	35.94	0.02	35.92	3,584.89	39.70
		06/22/07	--	35.04	0.00	35.04	3,585.77	40.22
		07/26/07	36.28	36.29	0.01	36.28	3,584.53	40.45
		09/21/07	35.28	35.30	0.02	35.28	3,585.53	40.45
		12/11/07	34.99	35.02	0.03	34.99	3,585.82	40.45
		03/07/08	35.44	35.80	0.36	35.49	3,585.32	39.70
		06/04/08	--	36.07	0	36.07	3,584.74	39.70
		09/23/08	Sheen	36.21	0	36.21	3,584.60	40.76
		12/29/08	Sheen	36.54	0	36.54	3,584.27	41.43
		03/19/09	36.58	36.59	0.01	36.58	3,584.23	41.43
		06/23/09	36.87	37.16	0.29	36.91	3,583.90	40.72
		09/02/09	36.93	37.50	0.57	37.02	3,583.79	40.46
		12/21/09	37.17	38.12	0.95	37.31	3,583.50	40.62
		03/11/10	37.45	37.50	0.05	37.46	3,583.35	38.12
		05/24/10	37.62	37.77	0.15	37.64	3,583.17	42.06
		06/18/10	37.64	37.83	0.19	37.67	3,583.14	42.05
		08/17/10	37.41	37.54	0.13	37.43	3,583.38	42.05
		12/07/10	38.04	38.07	0.03	38.04	3,582.77	42.05
		03/09/11	38.12	39.05	0.93	38.26	3,582.55	42.05
		06/20/11	38.48	38.56	0.08	38.49	3,582.32	42.05
		12/13/11	38.16	38.22	0.06	38.17	3,582.64	42.05
		03/09/12	38.42	38.49	0.07	38.43	3,582.38	40.72



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Quarterly Water Level Measurements
Hobbs North GSA 6-in. Gathering Line

Well ID	Top of Casing Elevation	Measurement Date	Depth to Product	Depth to Water	Product Thickness	Corrected Depth to Water	Corrected Water Level Elevation	Total Well Depth
MW-4	3,620.04 3,621.19	02/19/02	--	35.17	0	35.17	3,584.87	49.78
		04/23/02	--	35.25	0	35.25	3,585.94	49.78
		09/03/02	--	35.56	0	35.56	3,585.63	49.78
		01/20/03	--	35.67	0	35.67	3,585.52	49.81
		05/22/03	--	35.94	0	35.94	3,585.25	49.81
		03/18/04	--	36.76	0	36.76	3,584.43	49.77
		10/12/04	--	36.05	0	36.05	3,585.14	49.77
		01/14/05	--	34.45	0	34.45	3,586.74	49.77
		06/03/05	--	34.47	0	34.47	3,586.72	49.77
		11/02/05	--	34.50	0	34.50	3,586.69	49.91
		03/17/06	--	--	--	--	--	--
		06/26/06	--	35.48	0	35.48	3,585.71	49.83
		09/08/06	--	35.34	0	35.34	3,585.85	49.83
		12/21/06	--	34.85	0	34.85	3,586.34	49.83
		03/27/07	--	35.11	0	35.11	3,586.08	49.83
		06/22/07	--	35.29	0	35.29	3,585.90	49.87
		09/21/07	--	35.44	0	35.44	3,585.75	49.83
		12/11/07	--	35.26	0	35.26	3,585.93	49.83
		03/07/08	--	35.68	0	35.68	3,585.51	49.83
		06/04/08	--	36.08	0	36.08	3,585.11	49.83
		09/23/08	--	36.40	0	36.40	3,584.79	49.81
		12/29/08	--	36.59	0	36.59	3,584.60	49.82
		03/19/09	--	--	--	--	--	--
		06/23/09	--	37.12	0	37.12	3,584.07	50.03
		09/17/09	--	37.15	0	37.15	3,584.04	49.89
		12/21/09	--	37.46	0	37.46	3,583.73	49.78
		03/11/10	--	37.66	0	37.66	3,583.53	50.04
		06/18/10	--	37.84	0	37.84	3,583.35	49.86
		08/31/10	--	37.63	0	37.63	3,583.56	49.93
		12/07/10	--	37.99	0	37.99	3,583.20	49.72
		03/15/11	--	38.22	0	38.22	3,582.97	49.40
		06/22/11	--	38.54	0	38.54	3,582.65	49.89
		10/06/11	--	38.98	0	38.98	3,582.21	49.68
		12/13/11	--	39.21	0	39.21	3,581.98	49.68
		03/09/12	--	39.44	0	39.44	3,581.75	49.74
MW-5	--	06/18/10	--	38.06	0	38.06	--	50.71
		08/31/10	--	37.75	0	37.75	--	50.81
		12/07/10	--	38.18	0	38.18	--	50.63
		03/15/11	--	38.42	0	38.42	--	50.83
		06/22/11	--	38.79	0	38.79	--	50.84
		10/06/11	--	39.24	0	39.24	--	50.68
		12/13/11	--	39.47	0	39.47	--	50.67
		03/09/12	--	39.71	0	39.71	--	50.61



HOLLY ENERGY PARTNERS

Quarterly Water Level Measurements
Hobbs North GSA 6-in. Gathering Line

Well ID	Top of Casing Elevation	Measurement Date	Depth to Product	Depth to Water	Product Thickness	Corrected Depth to Water	Corrected Water Level Elevation	Total Well Depth
MW-6	3,622.31	04/23/02	--	36.73	0	36.73	3,585.58	50.04
		05/19/02	--	36.85	0	36.85	3,585.46	50.04
		09/03/02	--	37.11	0	37.11	3,585.20	50.04
		01/20/03	--	37.18	0	37.18	3,585.13	50.09
		05/22/03	--	37.50	0	37.50	3,584.81	50.06
		03/18/04	--	38.27	0	38.27	3,584.04	50.18
		10/12/04	--	37.45	0	37.45	3,584.86	50.30
		01/14/05	--	35.63	0	35.63	3,586.68	50.20
		06/03/05	--	35.88	0	35.88	3,586.43	50.20
		11/04/05	--	35.81	0	35.81	3,586.50	50.22
		03/17/06	--	--	--	--	--	--
		06/26/06	--	36.24	0	36.24	3,586.07	50.28
		09/08/06	--	36.70	0	36.70	3,585.61	50.28
		12/21/06	--	36.26	0	36.26	3,586.05	50.28
		03/27/07	--	36.54	0	36.54	3,585.77	50.28
		06/22/07	--	36.68	0	36.68	3,585.63	50.32
		09/21/07	--	36.78	0	36.78	3,585.53	50.28
		12/11/07	--	36.61	0	36.61	3,585.70	50.28
		03/07/08	--	37.11	0	37.11	3,585.20	50.28
		06/04/08	--	37.56	0	37.56	3,584.75	50.28
		09/23/08	--	37.80	0	37.80	3,584.51	50.25
		12/29/08	--	38.02	0	38.02	3,584.29	50.22
		03/19/09	--	--	--	--	--	--
		06/23/09	--	38.59	0	38.59	3,583.72	50.43
		09/17/09	--	38.69	0	38.69	3,583.62	50.14
		12/21/09	--	38.97	0	38.97	3,583.34	50.18
		03/11/10	--	39.10	0	39.10	3,583.21	50.17
		06/18/10	--	39.31	0	39.31	3,583.00	50.25
		08/31/10	--	38.97	0	38.97	3,583.34	50.32
		12/07/10	--	39.43	0	39.43	3,582.88	50.08
		03/15/11	--	39.68	0	39.68	3,582.63	50.29
		06/22/11	--	40.05	0	40.05	3,582.26	50.30
		10/06/11	--	40.51	0	40.51	3,581.80	50.05
		12/13/11	--	40.76	0	40.76	3,581.55	50.06
		03/09/12	--	40.97	0	40.97	3,581.34	50.03



HOLLY ENERGY PARTNERS

Quarterly Water Level Measurements
Hobbs North GSA 6-in. Gathering Line

Well ID	Top of Casing Elevation	Measurement Date	Depth to Product	Depth to Water	Product Thickness	Corrected Depth to Water	Corrected Water Level Elevation	Total Well Depth
MW-7	3,622.07	04/23/02	--	36.31	0	36.31	3,585.76	50.20
		05/18/02	--	36.40	0	36.40	3,585.67	50.20
		09/03/02	--	36.67	0	36.67	3,585.40	50.20
		01/20/03	--	36.74	0	36.74	3,585.33	50.30
		05/22/03	--	37.02	0	37.02	3,585.05	50.22
		03/18/04	--	37.83	0	37.83	3,584.24	50.04
		10/12/04	--	36.93	0	36.93	3,585.14	50.03
		01/14/05	--	35.30	0	35.30	3,586.77	50.03
		06/03/05	--	35.51	0	35.51	3,586.56	50.30
		11/08/05	--	35.51	0	35.51	3,586.56	49.83
		03/17/06	--	--	--	--	--	--
		06/26/06	--	36.53	0	36.53	3,585.54	49.98
		09/08/06	--	36.33	0	36.33	3,585.74	49.98
		12/21/06	--	36.01	0	36.01	3,586.06	49.98
		03/27/07	--	36.21	0	36.21	3,585.86	49.98
		06/22/07	--	36.36	0	36.36	3,585.71	50.34
		09/21/07	--	36.46	0	36.46	3,585.61	49.98
		12/11/07	--	36.28	0	36.28	3,585.79	49.98
		03/07/08	--	36.78	0	36.78	3,585.29	49.98
		06/04/08	--	37.19	0	37.19	3,584.88	49.98
		09/23/08	--	37.46	0	37.46	3,584.61	50.28
		12/29/08	--	37.66	0	37.66	3,584.41	50.27
		03/19/09	--	37.92	0	37.92	3,584.15	50.27
		06/23/09	--	38.21	0	38.21	3,583.86	50.49
		09/17/09	--	38.36	0	38.36	3,583.71	50.48
		12/21/09	--	38.57	0	38.57	3,583.50	50.16
		03/11/10	--	38.71	0	38.71	3,583.36	50.15
		06/18/10	--	38.91	0	38.91	3,583.16	50.32
		08/31/10	--	38.65	0	38.65	3,583.42	50.38
		12/07/10	--	39.06	0	39.06	3,583.01	50.16
		03/15/11	--	39.32	0	39.32	3,582.75	50.32
		06/22/11	--	39.64	0	39.64	3,582.43	50.36
		10/06/11	--	40.08	0	40.08	3,581.99	50.17
		12/13/11	--	40.32	0	40.32	3,581.75	50.13
		03/09/12	--	40.54	0	40.54	3,581.53	50.13



HOLLY ENERGY PARTNERS

Quarterly Water Level Measurements
Hobbs North GSA 6-in. Gathering Line

Well ID	Top of Casing Elevation	Measure-ment Date	Depth to Product	Depth to Water	Product Thickness	Corrected Depth to Water	Corrected Water Level Elevation	Total Well Depth
MW-8	3,621.70	04/23/02	--	36.03	0	36.03	3,585.67	50.30
		05/18/02	--	36.10	0	36.10	3,585.60	50.30
		09/03/02	--	36.40	0	36.40	3,585.30	50.30
		01/20/03	--	36.46	0	36.46	3,585.24	50.28
		05/22/03	--	36.79	0	36.79	3,584.91	50.27
		03/18/04	--	37.58	0	37.58	3,584.12	50.22
		10/12/04	--	36.80	0	36.80	3,584.90	50.45
		01/14/05	--	35.02	0	35.02	3,586.68	50.45
		06/03/05	--	35.20	0	35.20	3,586.50	50.40
		11/04/05	--	35.15	0	35.15	3,586.55	50.36
		03/17/06	--	--	--	--	--	--
		06/26/06	--	36.92	0	36.92	3,584.78	50.18
		09/08/06	--	36.03	0	36.03	3,585.67	50.18
		12/21/06	--	35.58	0	35.58	3,586.12	50.18
		03/27/07	--	35.87	0	35.87	3,585.83	50.18
		06/22/07	--	36.02	0	36.02	3,585.68	50.38
		09/21/07	--	36.12	0	36.12	3,585.58	50.18
		12/11/07	--	35.95	0	35.95	3,585.75	50.18
		03/07/08	--	36.46	0	36.46	3,585.24	50.18
		06/04/08	--	36.85	0	36.85	3,584.85	50.18
		09/23/08	--	37.12	0	37.12	3,584.58	50.29
		12/29/08	--	37.34	0	37.34	3,584.36	50.24
		03/19/09	--	--	--	--	--	--
		06/23/09	--	37.89	0	37.89	3,583.81	50.48
		09/17/09	--	38.01	0	38.01	3,583.69	50.22
		12/21/09	--	38.27	0	38.27	3,583.43	50.21
		03/11/10	--	38.40	0	38.40	3,583.30	50.22
		06/18/10	--	38.63	0	38.63	3,583.07	50.37
		08/31/10	--	38.31	0	38.31	3,583.39	50.48
		12/07/10	--	38.71	0	38.71	3,582.99	50.47
		03/15/11	--	38.98	0	38.98	3,582.72	50.40
		06/22/11	--	39.34	0	39.34	3,582.36	50.40
		10/06/11	--	39.79	0	39.79	3,581.91	50.18
		12/13/11	--	40.03	0	40.03	3,581.67	50.19
		03/09/12	--	40.26	0	40.26	3,581.44	50.21
MW-9	--	06/18/10	--	38.45	0	38.45	--	51.14
		08/31/10	--	38.18	0	38.18	--	51.27
		12/07/10	--	38.57	0	38.57	--	51.05
		03/15/11	--	38.83	0	38.83	--	51.21
		06/22/11	--	39.18	0	39.18	--	51.18
		10/06/11	--	39.62	0	39.62	--	50.97
		12/13/11	--	39.86	0	39.86	--	50.97
		03/09/12	--	40.07	0	40.07	--	50.96



HOLLY ENERGY PARTNERS

Quarterly Water Level Measurements
Hobbs North GSA 6-in. Gathering Line

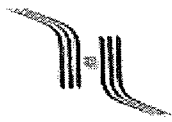
Well ID	Top of Casing Elevation	Measurement Date	Depth to Product	Depth to Water	Product Thickness	Corrected Depth to Water	Corrected Water Level Elevation	Total Well Depth
RW-1	--	06/18/10	--	37.91	0	37.91	--	51.43
		08/31/10	--	37.58	0	37.58	--	51.19
		12/07/10	--	37.93	0	37.93	--	51.05
		03/15/11	--	38.17	0	38.17	--	51.24
		06/22/11	--	38.52	0	38.52	--	51.23
		10/06/11	--	38.95	0	38.95	--	51.04
		12/13/11	--	39.19	0	39.19	--	51.00
		03/09/12	--	39.37	0	39.37	--	51.03

Notes

All values are in feet.

Location elevation surveys not available for MW-5, MW-9 and RW-1

Corrected depth to water = Static DTW - (Prod. Thickness x SG), SG = 0.8498



HOLLY ENERGY PARTNERS

Groundwater Analytical Data Summary

Hobbs North GSA 6-in. Gathering Line

Well ID	Sample Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total BTEX	1,2-Dichloro-ethane	Chloride (mg/L)	TDS (mg/L)
NM WQCC Standard:		10	750	750	620	--	10	250	1,000
MW-1	02/27/01	852	9	581	44	1,486	--	271	988
	06/01/01	260	33	902	1,200	2,395	--	--	--
	01/28/02	94	12	783	435	1,324	--	--	--
	01/20/03	36	6	389	148	579	20	--	--
	05/22/03	61	3	335	170	569	56	68	568
	03/19/04	15	<2	69	47	131	96	80	888
	10/12/04	41	<2	47	124	212	143	80	1,536
	01/14/05	296	2	212	68	578	97	68	1,440
	06/03/05	66	<2	8	109	183	77	84	991
	11/08/05	120	<5	68	77	265	45	76	1,018
	03/17/06	<10	<10	31	65	96	45	80	1,100
	06/26/06	5	<2	12	38	55	11	116	1,091
	09/08/06	52	<0.5	12	45	109	13	73	940
	12/21/06	65	<0.5	10	15	90	26	100	1,100
	03/27/07	170	<2	9	9	188	40	124	1,118
	06/22/07	430	<0.5	4.7	3.5	438	77	140	1,100
	09/21/07	260	0.6	4.9	6.0	272	93	79	930
	12/11/07	180	<0.5	1.7	2.9	185	93	120	1,000
	03/07/08	2.1	0.6	<0.5	2.0	4.7	230	140	990
	06/04/08	57	<0.5	1.4	1.2	60	120	110	1,000
	09/23/08	66	<0.5	1.2	<1.0	67	76	110	1,100
	12/29/08	110	<0.5	<0.5	<1.0	110	100	110	990
	03/19/09	52	<0.5	<0.5	<1.0	52	81	95	1,000
	06/23/09	18	<1.0	<1.0	<2.0	18	69	110	1,100
	09/17/09	2.3	<1.0	<1.0	<2.0	2.3	69	120	1,060
	12/21/09	<1.0	<1.0	<1.0	<2.0	<1.0	67	110	1,040
	03/11/10	<1.0	<1.0	<1.0	<2.0	<1.0	69	110	1,050
	06/18/10	5.8	<1.0	<1.0	<2.0	5.8	120	84	970
	08/31/10	<1.0	<1.0	<1.0	<1.5	<1.0	53	94	1,010
	12/21/10	--	--	--	--	--	--	--	--
	03/15/11	4.9	<1.0	<1.0	<2.0	4.9	93	80	940
	06/22/11	9.0	<1.0	3.4	<1.5	12.4	120	76	969
	10/06/11	--	--	--	--	--	--	--	--
	12/13/11	--	--	--	--	--	--	--	--

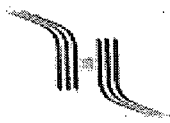


HOLLY ENERGY PARTNERS

Groundwater Analytical Data Summary

Hobbs North GSA 6-in. Gathering Line

Well ID	Sample Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total BTEX	1,2-Dichloro-ethane	Chloride (mg/L)	TDS (mg/L)
NM WQCC Standard:		10	750	750	620	--	10	250	1,000
MW-2	02/27/01	<2	<2	<2	<6	<2	--	334	1,072
	06/01/01	5	<1	5.6	3.4	14	--	--	--
	11/09/05	51	<5	78	491	620	15	112	1,132
Duplicate	11/09/05	--	--	--	--	--	--	110	1,100
	03/17/06	96	<5	120	740	956	11	44	1,000
	06/26/06	49	<2	57	314	420	2	44	932
	09/08/06	48	<1	56	450	554	2.7	25	740
	03/07/08	44	0.9	49	310	404	2	22	730
	06/04/08	41	<5	35	110	186	1.4	22	800
	09/23/08	51	<3.3	55	75	181	1.1	27	850
	12/29/08	49	2.4	52	67	170	2.8	29	790
	03/19/09	39	3.3	61	160	263	2.3	37	860
	06/23/09	29	<1.0	58	110	197	6.1	50	440
	09/17/09	40	<20	510	1,800	2,350	<20	62	970
	06/18/10	51	<1.0	79	37	167	32	200	1,060
	06/22/11	<10.0	<10.0	31	34	65	<10	240	1,130
	10/06/11	29	<10.0	70	96.0	195	17	280	1,210
MW-3	06/01/01	7.5	<5	<5	7.8	15	--	--	--
	01/28/02	<2	<2	2	6	8	--	--	--
	06/03/05	11	64	134	554	763	6	92	1,198
	06/26/06	3	<2	97	368	468	136	240	1,311
	09/08/06	6.1	<1	160	580	746	160	180	1,200
MW-4	02/19/02	<2	4	<2	<6	4	--	--	--
duplicate	02/19/02	<2	<2	<2	<6	<2	197	--	--
	01/20/03	<5	<5	<5	<10	<5	193	--	--
	05/22/03	<2	<2	<2	<6	<2	263	172	770
	03/19/04	2	<2	<2	<6	2	362	168	1,197
	10/12/04	3	<2	<2	<6	3	442	160	1,697
	01/14/05	<2	<2	<2	<6	<2	289	176	1,357
	06/03/05	<2	<2	<2	<6	<2	239	160	1,211
	11/02/05	4	14	17	60	95	355	152	1,107
	03/17/06	1.6	<1	1.3	5.6	8.5	460	140	1,100
	06/26/06	<2	<2	<2	<6	<2	234	156	1,109
	09/08/06	<0.5	<0.5	<0.5	<1	<0.5	260	180	970
	12/21/06	2	<0.5	<0.5	<1	2	220	130	1,100
	03/27/07	3	<2	<2	<6	3	213	148	999
	06/22/07	1.1	<0.5	<0.5	<1	1.1	250	160	1,000
	09/21/07	1.3	<0.5	<0.5	<1	1.3	280	90	680
	12/11/07	5.1	<0.5	<0.5	<1	5.1	190	180	990

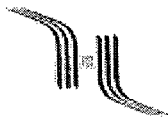


HOLLY ENERGY PARTNERS

Groundwater Analytical Data Summary

Hobbs North GSA 6-in. Gathering Line

Well ID	Sample Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total BTEX	1,2-Dichloro-ethane	Chloride (mg/L)	TDS (mg/L)
NM WQCC Standard:		10	750	750	620	--	10	250	1,000
MW-4	03/07/08	<0.5	<0.5	<0.5	1.3	1.3	260	160	940
duplicate	03/07/08	<0.5	<0.5	<0.5	1.4	1.4	240	160	960
	06/04/08	0.7	<0.5	<0.5	<1.0	0.7	190	160	950
	09/23/08	<0.5	<0.5	<0.5	<1.0	<0.5	180	180	1,000
	12/29/08	0.7	<0.5	<0.5	<1.0	0.7	230	210	900
	03/19/09	1.3	<0.5	<0.5	<1.0	1.3	160	170	1,100
	06/23/09	<1.0	<1.0	<1.0	<2.0	<1.0	170	210	1,100
	09/17/09	<1.0	<1.0	<1.0	<2.0	<1.0	160	230	1,170
	12/21/09	<1.0	<1.0	<1.0	<2.0	<1.0	170	230	1,180
	03/12/10	<1.0	<1.0	<1.0	<2.0	<1.0	150	260	1,200
	06/18/10	<1.0	<1.0	<1.0	<2.0	<1.0	140	250	1,240
	08/31/10	<1.0	<1.0	<1.0	<1.5	<1.0	130	250	1,210
	12/07/10	<1.0	<1.0	<1.0	<2.0	<1.0	120	260	1,280
	03/15/11	<1.0	<1.0	<1.0	<2.0	<1.0	84	290	1,310
	06/22/11	<1.0	<1.0	<1.0	<2.0	<1.0	110	290	1,370
	10/06/11	<1.0	<1.0	<1.0	<2.0	<1.0	88	310	1,470
	12/13/11	<1.0	<1.0	<1.0	<1.5	<1.0	100	330	1,470
	03/09/12	<1.0	<1.0	<1.0	<2.1	<1.0	93	350	1,520
MW-5	06/18/10	<1.0	<1.0	<1.0	<2.0	<1.0	19	400	1,700
	08/31/10	<1.0	<1.0	<1.0	<1.5	<1.0	14	400	1,680
	12/07/10	<1.0	<1.0	<1.0	<2.0	<1.0	21	440	1,690
	03/15/11	<1.0	<1.0	<1.0	<2.0	<1.0	84	290	1,310
	06/22/11	<1.0	<1.0	<1.0	<2.0	<1.0	16	420	1,720
	10/06/11	<1.0	<1.0	<1.0	<2.0	<1.0	17	380	1,710
	12/13/11	<1.0	<1.0	<1.0	4.8	4.8	16	390	1,730
	03/09/12	<1.0	<1.0	<1.0	<2.0	<1.0	11	390	1,720

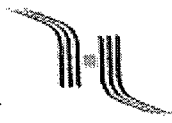


HOLLY ENERGY PARTNERS

Groundwater Analytical Data Summary

Hobbs North GSA 6-in. Gathering Line

Well ID	Sample Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total BTEX	1,2-Dichloro-ethane	Chloride (mg/L)	TDS (mg/L)
NM WQCC Standard:		10	750	750	620	--	10	250	1,000
MW-6	05/19/02	5	4	<2	<6	9	39	272	1,467
	01/20/03	<5	<5	<5	<10	<5	54	--	--
	05/22/03	<5	<5	<5	<10	<5	46	248	1,498
	03/19/04	<2	<2	2	<6	2	117	228	1,443
	10/12/04	<2	<2	<2	<6	<2	15	216	1,259
	01/14/05	<2	<2	<2	<6	<2	15	192	1,018
	06/03/05	<2	<2	<2	<6	<2	57	236	1,346
	11/04/05	<5	<5	<5	<10	<5	68	220	1,307
	03/17/06	<5	<5	<5	<15	<5	120	200	1,300
	06/26/06	<2	<2	<2	<6	<2	106	196	1,265
	09/08/06	<0.5	<0.5	<0.5	<1	<0.5	75	130	1,100
	12/21/06	<0.5	<0.5	<0.5	<1	<0.5	130	150	1,200
	03/27/07	<2	<2	<2	<6	<2	111	176	1,202
	06/22/07	<0.5	<0.5	<0.5	<1	<0.5	170	190	1,200
	09/21/07	110	21	2.5	5.6	139	110	160	1,100
	12/11/07	<0.5	<0.5	<0.5	<1	<0.5	76	180	1,200
	03/07/08	<0.5	<0.5	<0.5	<1	<0.5	100	160	1,100
	06/04/08	<0.5	<0.5	<0.5	<1.0	<0.5	55	170	1,100
	09/23/08	<0.5	<0.5	<0.5	<1.0	<0.5	68	170	1,200
	12/29/08	<0.5	<0.5	<0.5	<1.0	<0.5	80	170	1,200
	03/19/09	<0.5	<0.5	<0.5	<1.0	<0.5	56	150	1,300
	06/23/09	<1.0	<1.0	<1.0	<2.0	<1.0	48	200	1,300
	09/17/09	<1.0	<1.0	<1.0	<2.0	<1.0	49	210	1,380
	12/21/09	<1.0	<1.0	<1.0	<2.0	<1.0	62	210	1,370
	03/11/10	<1.0	<1.0	<1.0	<2.0	<1.0	64	230	1,360
	06/18/10	<1.0	<1.0	<1.0	<2.0	<1.0	61	210	1,370
	08/31/10	<1.0	<1.0	<1.0	<1.5	<1.0	48	220	1,340
	12/07/10	<1.0	<1.0	<1.0	<2.0	<1.0	61	220	1,370
	03/15/11	<1.0	<1.0	<1.0	<2.0	<1.0	58	240	1,360
	06/22/11	<1.0	<1.0	<1.0	<2.0	<1.0	64	230	1,350
	10/06/11	<1.0	<1.0	<1.0	<2.0	<1.0	57	260	1,370
	12/13/11	<1.0	<1.0	<1.0	7.1	7.1	45	250	1,380
	03/09/12	<1.0	<1.0	<1.0	<2.0	<1.0	47	270	1,380



HOLLY ENERGY PARTNERS

Groundwater Analytical Data Summary

Hobbs North GSA 6-in. Gathering Line

Well ID	Sample Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total BTEX	1,2-Dichloro-ethane	Chloride (mg/L)	TDS (mg/L)
NM WQCC Standard:		10	750	750	620	--	10	250	1,000
MW-7	05/19/02	8	3	19	31	61	32	96	722
	01/20/03	12	<5	26	34	72	54	--	--
	05/22/03	10	<2	4	11	25	59	96	864
	03/19/04	6	<2	6	16	28	67	88	837
	10/12/04	5	<2	<2	<6	5	70	76	1,142
	01/14/05	3	<2	<2	<6	3	55	72	1,226
	06/03/05	7	<2	4	6	17	61	76	951
	11/08/05	7	<5	<10	16	23	89	76	905
	03/17/06	11	<10	<10	<30	11	170	73	920
	06/26/06	5	<2	<2	<6	5	115	84	916
	09/08/06	4.9	<0.5	<0.5	<1	4.9	130	77	800
	12/21/06	0.9	0.6	1.2	1.5	4.2	160	71	920
	03/27/07	4	<2	<2	<6	4	169	88	928
	06/22/07	3.3	<0.5	<0.5	1.9	5.2	170	100	910
	09/21/07	1.5	1.0	0.6	1.6	4.7	270	77	860
	12/11/07	2.2	<0.5	<0.5	<1	2.2	150	100	860
	03/07/08	63	<0.5	2.5	2.8	68	120	91	900
	06/04/08	2.1	<0.5	0.5	1.6	4.2	200	110	950
	09/23/08	0.6	<0.5	0.7	2.1	3.4	180	120	970
	12/29/08	5.4	0.6	0.8	3.1	9.9	230	130	1,000
	03/19/09	0.8	<0.5	<0.5	<1.0	0.8	180	110	1,100
	06/23/09	<1.0	1.4	<1.0	<2.0	1.4	170	140	1,100
	09/17/09	1.4	<1.0	<1.0	<2.0	1.4	160	150	1,170
	12/21/09	1.7	<1.0	<1.0	<2.0	1.7	190	130	1,160
	03/11/10	1.9	<1.0	<1.0	<2.0	1.9	210	120	1,120
	06/18/10	1.7	<1.0	<1.0	<2.0	1.7	210	120	1,120
	08/31/10	1.7	<1.0	<1.0	<1.5	1.7	190	120	1,080
	12/07/10	2.2	<1.0	<1.0	5.4	7.6	190	110	1,110
	03/15/11	1.9	<1.0	<1.0	<2.0	1.9	160	110	1,080
	06/22/11	2.0	<1.0	<1.0	2.2	4.2	230	100	1,070
	10/06/11	2.6	<1.0	<1.0	<2.0	2.6	210	100	1,050
	12/13/11	2.6	<1.0	<1.0	<1.5	2.6	280	100	1,030
	03/09/12	27	<1.0	<1.0	<2.0	2.7	200	99	1,010

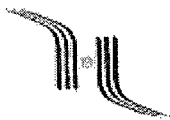


HOLLY ENERGY PARTNERS

Groundwater Analytical Data Summary

Hobbs North GSA 6-in. Gathering Line

Well ID	Sample Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total BTEX	1,2-Dichloro-ethane	Chloride (mg/L)	TDS (mg/L)
NM WQCC Standard:		10	750	750	620	--	10	250	1,000
MW-8	05/19/02	4	3	<2	<6	7	29	268	1,245
	01/20/03	<5	<5	<5	<10	<5	37	--	--
	05/22/03	<2	<2	<2	<6	<2	41	272	1,374
	03/19/04	<2	<2	<2	<6	<2	39	264	1,309
	10/12/04	<2	<2	<2	<6	<2	37	288	1,384
	01/14/05	<2	<2	<2	<6	<2	33	280	1,439
	06/03/05	<2	<2	<2	<6	<2	50	272	1,303
	11/04/05	<5	<5	<5	<10	<5	33	212	1,274
	03/17/06	<1	<1	<1	<3	<1	47	210	1,200
	06/26/06	<2	<2	<2	<6	<2	60	224	1,225
	09/08/06	<0.5	<0.5	<0.5	<1	<0.5	65	190	1,200
	12/21/06	<0.5	<0.5	<0.5	<1	<0.5	62	180	1,200
	03/27/07	<2	<2	<2	<6	<2	48	220	1,301
	06/22/07	<0.5	<0.5	<0.5	<1	<0.5	55	290	1,300
	09/21/07	<0.5	1.0	<0.5	16	17	57	250	1,300
	12/11/07	<0.5	<0.5	<0.5	<1	<0.5	43	230	1,300
	03/07/08	<0.5	1.0	<0.5	2.4	3.4	68	160	960
	06/04/08	<0.5	<0.5	<0.5	2.4	2.4	50	290	1,400
	09/23/08	<0.5	<0.5	<0.5	1.1	1.1	51	300	1,300
	12/29/08	1.0	1.5	<0.5	19	22	52	310	1,300
	03/19/09	0.9	1.6	<0.5	6.3	8.8	61	210	1,300
	06/23/09	<1.0	<1.0	<1.0	<2.0	<1.0	46	250	1,300
	09/17/09	<1.0	<1.0	<1.0	<2.0	<1.0	53	240	1,300
	12/21/09	<1.0	<1.0	<1.0	<2.0	<1.0	66	220	1,260
	03/11/10	<1.0	<1.0	<1.0	4.9	4.9	65	200	1,240
	06/18/10	<1.0	<1.0	<1.0	<2.0	<1.0	56	180	1,250
	08/31/10	<1.0	<1.0	<1.0	<1.5	<1.0	56	160	1,190
	12/07/10	<1.0	<1.0	<1.0	<2.0	<1.0	57	170	1,240
	03/15/11	<1.0	<1.0	<1.0	<2.0	<1.0	44	170	1,230
	06/22/11	<1.0	<1.0	<1.0	<2.0	<1.0	48	160	1,220
	10/06/11	<1.0	<1.0	<1.0	<2.0	<1.0	51	170	1,230
	12/13/11	<1.0	<1.0	<1.0	12	12	36	150	1,210
	03/09/12	<1.0	<1.0	<1.0	<2.0	<1.0	43	150	1,200



HOLLY ENERGY PARTNERS

Groundwater Analytical Data Summary

Hobbs North GSA 6-in. Gathering Line

Well ID	Sample Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total BTEX	1,2-Dichloro-ethane	Chloride (mg/L)	TDS (mg/L)
NM WQCC Standard:		10	750	750	620	--	10	250	1,000
MW-9	06/18/10	6.2	<1.0	<1.0	150	156	24	160	1,100
	08/31/10	9.7	<1.0	<1.0	110	120	23	160	1,070
	12/07/10	9.4	<1.0	<1.0	100	109	21	150	1,080
	03/15/11	10	<1.0	<1.0	240	250	16	140	1,090
	06/22/11	13	<1.0	<1.0	260	273	18	120	1,050
	10/06/11	14	<1.0	1.2	350	365	16	110	1,020
	12/13/11	12	<1.0	<1.0	220	232	18	110	978
	03/09/12	13	<1.0	2.0	190	205	16	110	990
RW-1	08/31/10	<1.0	<1.0	13	24	37	87	320	1,480
	12/07/10	<1.0	<1.0	5.6	<2.0	5.6	82	340	1,540
	03/15/11	<1.0	<1.0	3.1	3.4	6.5	62	370	1,570
	06/22/11	<1.0	<1.0	<1.0	<2.0	<1.0	96	350	1,560
	10/06/11	<1.0	<1.0	<1.0	<2.0	<1.0	93	340	1,550
	12/13/11	<1.0	<1.0	<1.0	2.4	2.4	94	350	1,530
	03/09/12	<1.0	<1.0	<1.0	<2.0	<1.0	83	380	1,570

Notes

All vaules presented in µg/L, unless otherwise noted.

Analyses - BTEX using EPA method 8021B or 8260B; EDC and other volatiles EPA 8260B; TDS EPA 160.1; Chloride EPA 300.0 or Standard Method 4500-Cl B (Cardinal analyses).



HOLLY ENERGY PARTNERS

MW-2 Gauging Data
Hobbs North GSA 6-in. Gathering Line

Date	Depth to product (feet)	Depth to Water (feet)	Product Thickness (feet)	Date	Depth to product (feet)	Depth to Water (feet)	Product Thickness (feet)
05/29/01	--	34.88	0.00	09/21/07	--	35.79	0
01/28/02	35.52	36.32	0.80	12/11/07	--	35.64	0
02/19/02	35.60	36.11	0.51	03/07/08	--	36.14	0
04/22/02	35.67	37.08	1.41	06/04/08	--	36.50	0
04/23/02	35.68	35.93	0.25	09/23/08	--	36.85	0
05/19/02	35.58	36.14	0.56	12/29/08	--	37.00	0
05/28/02	35.93	36.30	0.37	02/10/09	--	37.11	0
05/30/02	35.99	36.04	0.05	02/16/09	--	37.31	0
05/31/02	36.00	36.04	0.04	02/23/09	--	37.34	0
06/03/02	36.02	36.10	0.08	03/02/09	--	37.38	0
06/04/02	36.07	36.14	0.07	03/09/09	--	37.39	0
06/05/02	36.05	36.06	0.005	03/19/09	--	37.29	0
06/07/02	36.08	36.10	0.02	06/23/09	--	37.56	0
06/17/02	36.07	36.10	0.03	09/17/09	--	37.72	0
06/19/02	36.08	36.12	0.04	12/21/09	--	37.94	0
06/24/02	36.09	36.16	0.07	03/11/10	--	38.13	0
07/01/02	36.11	36.16	0.05	06/18/10	--	38.31	0
09/03/02	36.03	36.21	0.18	08/17/10	--	38.08	0
09/05/02	36.21	36.30	0.09	09/07/10	--	38.10	0
09/11/02	36.23	36.30	0.07	10/29/10	--	38.36	0
09/13/02	36.23	36.31	0.08	12/07/10	--	38.49	0
09/18/02	36.27	36.34	0.07	12/13/10	--	38.51	0
10/21/02	36.21	36.22	0.01	12/20/10	--	38.51	0
01/07/03	36.06	36.10	0.04	12/27/10	--	38.55	0
01/20/03	36.16	36.17	0.01	01/03/11	--	38.55	0
01/21/03	36.16	36.17	0.01	01/11/11	--	38.61	0
01/22/03	36.17	36.18	0.01	01/17/11	--	38.61	0
01/30/03	36.15	36.18	0.03	01/25/11	--	38.62	0
02/04/03	36.20	36.24	0.04	01/31/11	--	38.64	0
02/10/03	36.21	36.23	0.02	02/07/11	--	38.65	0
02/13/03	36.28	36.29	0.01	02/14/11	--	38.68	0
03/11/03	36.23	36.26	0.03	02/22/11	--	38.70	0
03/21/03	36.36	36.38	0.02	03/09/11	38.74	38.78	0.04
04/03/03	36.44	36.45	0.01	03/21/11	38.77	38.86	0.09
05/15/03	36.50	36.51	0.01	04/25/11	38.88	38.97	0.09
06/13/03	36.58	36.60	0.02	05/02/11	38.97	39.07	0.10
07/03/03	36.60	36.62	0.02	05/23/11	--	39.05	0
03/16/04	--	37.34	0	06/13/11	--	39.07	0
09/29/04	--	37.03	0	06/20/11	--	39.05	0
01/24/05	--	34.30	0	06/27/12	--	39.10	0
06/14/05	--	35.03	0	07/05/11	--	39.12	0
11/09/05	--	34.90	0	10/06/11	--	38.12	0
06/26/06	--	35.91	0	11/11/11	39.11	39.12	0.01
09/08/06	--	35.77	0	12/13/11	38.13	38.15	0.02
12/21/06	35.30	35.31	0.01	01/25/12	38.96	38.98	0.02
03/27/07	--	35.62	0	03/09/12	38.91	38.93	0.02
06/22/07	--	35.71	0				



HOLLY ENERGY PARTNERS

MW-3 Gauging Data
Hobbs North GSA 6-in. Gathering Line

Date	Depth to product (feet)	Depth to Water (feet)	Product Thickness (feet)	Date	Depth to product (feet)	Depth to Water (feet)	Product Thickness (feet)
05/29/01	--	34.21	0	07/15/09	36.93	36.98	0.05
01/28/02	--	35.13	0	08/03/09	36.91	37.33	0.42
02/19/02	--	35.01	0	08/17/09	36.95	37.18	0.23
02/22/02	--	35.01	0	09/02/09	36.93	37.50	0.57
04/23/02	--	35.05	0	10/12/09	37.11	37.30	0.19
09/03/02	--	35.39	0	10/22/09	37.13	37.21	0.08
01/20/03	35.11	37.77	2.66	11/09/09	37.10	37.80	0.70
01/30/03	35.21	37.14	1.93	12/01/09	37.11	38.02	0.91
02/04/03	35.27	36.91	1.64	12/21/09	37.17	38.12	0.95
02/10/03	35.30	36.81	1.51	01/04/10	37.16	37.56	0.40
02/13/03	35.40	36.81	1.41	01/27/10	37.23	38.33	1.10
03/11/03	35.26	37.55	2.29	02/16/10	37.28	38.67	1.39
03/21/03	35.30	37.48	2.18	02/17/10	37.42	37.76	0.34
04/03/03	35.31	37.56	2.25	03/10/10	37.37	38.37	1.00
05/15/03	35.44	37.76	2.32	04/19/10	37.56	37.65	0.09
06/13/03	35.51	37.85	2.34	05/05/10	37.57	37.73	0.16
06/19/03	35.54	37.73	2.19	05/11/10	37.53	37.68	0.15
06/23/03	35.57	37.45	1.88	05/17/10	37.61	37.67	0.06
06/24/03	35.72	37.64	1.92	05/24/10	37.62	37.77	0.15
06/25/03	35.73	36.56	0.83	06/07/10	37.61	38.02	0.41
06/27/03	35.68	37.00	1.32	06/18/10	37.64	37.83	0.19
06/30/03	35.65	37.20	1.55	06/22/10	37.67	37.95	0.28
07/01/03	35.79	36.45	0.66	07/06/10	37.65	37.92	0.27
03/16/04	36.42	38.72	2.30	07/27/10	37.52	37.62	0.10
09/29/04	36.50	37.90	1.40	08/17/10	37.41	37.54	0.13
01/24/05	34.16	34.19	0.03	09/07/10	37.60	37.78	0.18
06/14/05	34.38	34.39	0.01	10/29/10	37.97	38.08	0.11
11/02/05	34.36	34.38	0.02	12/07/10	38.04	38.07	0.03
06/26/06	--	35.41	0	12/13/10	38.05	38.07	0.02
09/08/06	--	35.07	0	12/20/10	38.03	38.04	0.01
12/21/06	34.55	34.61	0.06	12/27/10	38.06	38.07	0.01
03/27/07	35.92	35.94	0.02	01/03/11	38.04	38.05	0.01
06/22/07	--	35.04	0	01/11/11	38.11	38.27	0.16
09/21/07	35.28	35.30	0.02	01/17/11	37.97	38.32	0.35
12/11/07	34.99	35.02	0.03	01/25/11	38.08	38.35	0.27
12/11/07	34.99	35.02	0.03	01/31/11	38.12	38.26	0.14
03/07/08	35.44	35.80	0.36	02/07/11	38.15	38.46	0.31
04/23/08	37.00	37.02	0.02	02/14/11	38.12	38.28	0.16
05/22/08	35.91	35.94	0.03	02/22/11	38.12	38.47	0.35
06/04/08	36.06	36.07	0.01	03/09/11	38.12	39.05	0.93
09/23/08	--	36.21	0	03/21/11	38.27	38.29	0.02
10/06/08	--	36.31	0	04/25/11	38.37	38.41	0.04
10/07/08	--	36.21	0	05/02/11	38.59	38.61	0.02
12/29/08	--	36.54	0	05/23/11	38.42	39.50	1.08
02/10/09	--	36.46	0	06/13/11	38.46	38.52	0.06
02/16/09	--	36.67	0	06/20/11	38.48	38.56	0.08
02/23/09	36.67	36.69	0.02	06/27/11	38.50	38.60	0.10
03/02/09	36.70	36.71	0.01	07/05/11	38.50	38.65	0.15
03/09/09	36.72	36.74	0.02	11/11/11	--	39.60	0
03/19/09	36.58	36.59	0.01	12/13/11	38.16	38.22	0.06
06/23/09	36.87	37.16	0.29	01/25/12	38.42	38.50	0.08
07/09/09	36.91	37.07	0.16	03/09/12	38.42	38.49	0.07



HOLLY ENERGY PARTNERS

April 2010 Soil Boring Analytical Data
Hobbs North GSA 6-in. Gathering Line

Sample Location and Depth	Sample Date	Benzene	Ethyl-benzene	Toluene	Total Xylenes	Ethylene dichloride	GRO	DRO	MOR	TPH
BH-10-01, 9-10 ft.	04/20/10	<0.0050	<0.0050	<0.0050	<0.015	<0.0050	<49	<49	750	750
BH-10-01, 14-15 ft.	04/20/10	<0.0050	<0.0050	<0.0050	<0.015	<0.0050	<49	<49	<49	<49
BH-10-01, 20 ft.	04/20/10	<0.0050	0.021	<0.0050	0.028	<0.0050	<49	86	110	196
BH-10-01, 25 ft.	04/20/10	<0.0050	0.028	<0.0050	0.083	<0.0050	<50	<50	<50	<50
BH-10-01, 30 ft.	04/20/10	<0.0050	0.11	<0.0050	0.28	<0.0050	230	880	700	1,810
BH-10-01, 32.5 ft.	04/20/10	<0.0050	0.055	<0.0050	1.7	<0.0050	330	1,300	930	2,560
BH-10-01, 34 ft.	04/20/10	<0.0050	0.0085	<0.0050	0.10	<0.0050	260	1,000	750	2,010
BH-10-02, 20 ft.	04/20/10	<0.0050	<0.0050	<0.0050	<0.015	<0.0050	<49	<49	<49	<49
BH-10-02, 25 ft.	04/20/10	<0.0050	<0.0050	<0.0050	<0.015	<0.0050	<50	<50	<50	<50
BH-10-02, 27 ft.	04/20/10	<0.0050	<0.0050	<0.0050	<0.015	<0.0050	<49	<49	<49	<49
BH-10-03, 22.3 ft.	04/21/10	<0.0050	<0.0050	<0.0050	<0.015	<0.0050	<49	<49	<49	<49
BH-10-03, 27.5 ft.	04/21/10	<0.0050	<0.0050	<0.0050	<0.015	<0.0050	<49	<49	<49	<49
BH-10-03, 34.5 ft.	04/21/10	<0.0050	<0.0050	<0.0050	<0.015	<0.0050	<49	<49	<49	<49
BH-10-03, 36.5 ft.	04/21/10	<0.0050	<0.0050	<0.0050	<0.015	<0.0050	<49	860	710	1,570
BH-10-04, 30 ft.	04/22/10	<0.0050	<0.0050	<0.0050	<0.015	<0.0050	<50	<50	<50	<50
BH-10-04, 32 ft.	05/24/01	<0.0050	<0.0050	<0.0050	<0.015	<0.0050	<50	<50	<50	<50
BH-10-04, 37.5 ft.	05/24/01	<0.0050	<0.0050	<0.0050	<0.015	<0.0050	<50	<50	<50	<50
BH-10-04, 40 ft.	05/24/01	<0.0050	<0.0050	<0.0050	<0.015	<0.0050	<50	<50	<50	<50

Notes:

All concentrations presented in mg/Kg.

BTEX analyses by EPA method SW-8260, TPH analyses by method SW8015M.

Analyses performed by ALS Laboratory Group, Houston, Texas.

Method quantitation limit for constituents as shown in the table.

TPH Gasoline range organics: C₆-C₁₂

TPH Diesel range organics: >C₁₂-C₂₈

TPH Motor Oil range organics: >C₂₈-C₃₅