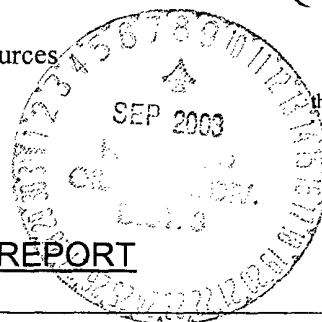


District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505



Submit 1 copy to  
appropriate  
District Office  
and 1 copy to  
the Santa Fe Office  
(Revised 3/9/94)

**PIT REMEDIATION AND CLOSURE REPORT**

30-045-23640

Operator: ConocoPhillips Company Telephone: (505)599-3400

Address: 5525 Hwy. 64 Farmington, NM 87401

Facility Or: Lackey BLS 12R  
Well Name

Location: Unit or Qtr/Qtr Sec L Sec 21 T 28N R 9W County San Juan

Pit Type: Separator            Dehydrator            Other Earthen Pit

Land Type: BLM X, State           , Fee            Other           

Pit Location: Pit dimensions: length 20', width 20', depth 2'  
(Attach diagram)

Reference: wellhead X, other           

Footage from reference: 36'

Direction from reference: 30 Degrees X East North             
of  
           West South X

Depth To Ground Water (Vertical distance from contaminants to seasonal high water elevation of ground water.)	Less than 50 feet 50 feet to 99 feet Greater than 100 feet	(20 points) (10 points) ( 0 points) <u>0</u>
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Wellhead Protection Area: (Less than 200 feet from a private domestic water source, or; less than 1000 feet from all other water sources.)	Yes No	(20 points) ( 0 points) <u>0</u>
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Distance To Surface Water: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches.)	Less than 200 feet 200 feet to 1000 feet Greater than 1000 feet	(20 points) (10 points) ( 0 points) <u>0</u>
--	---	--

RANKING SCORE (TOTAL POINTS): 0 pts

Date Remediation Started: 5/15/03 Date completed: 5/15/03

Remediation Method: Excavation \_\_\_\_\_ Approx. cubic yards 0  
(Check all appropriate sections.) Landfarmed N/A Insitu Bioremediation N/A  
Other \_\_\_\_\_

Remediation Location: Onsite \_\_\_\_\_ Offsite \_\_\_\_\_  
(i.e. landfarmed onsite, name and location of offsite facility)

General Description of Remedial Action: \_\_\_\_\_

A soil sample was extracted at 5-ft below ground level (3-ft below pit bottom). The sample was analyzed for GRO/DRO and BTEX analysis. All analyses were within BLM and NMOCD requirements.

Ground Water Encountered: No X Yes \_\_\_\_\_ Depth \_\_\_\_\_

Final Pit: Sample location Center of pit 5-ft below surface level (3-ft below pit bottom).  
Closure Sampling: \_\_\_\_\_  
(if multiple samples, attach sample results and diagram of sample locations and depths) Sample depth 3' below pit bottom  
Sample Date 5/15/03 Sample time 3:15 pm

Sample Results

Benzene(ppm) \_\_\_\_\_

Total BTEX(ppm) \_\_\_\_\_

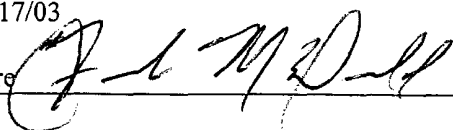
Field headspace(ppm) Non Detect

TPH Non Detect

Ground Water Sample: Yes \_\_\_\_\_ No X (If yes, attach sample results)

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Date 6/17/03

Signature 

Printed Name Frank McDonald  
and Title Sr. Environmental Specialist

Client: ConocoPhillips Company

Date Began: 5/15/03

Date End: 5/15/03

**Location:** Lackey BLS 12R  
**Footages:** 1720' FSL & 840' FWL  
**Unit Letter:** L      **Sec.** 21      **Twn.** 28N      **Rng** 9W  
**Latitude:** 36.6449571° N      **Longitude:** 107.7996234° W  
**Lease Num.** SF-077106      **Land Type:** BLM

**Pit Type:** Earthen Pit

**Pit Reference**

**Reference:** Wellhead      **Footage:** 36'  
**Direction:** N or (S) 30 Degrees (E) or W  
**Initial size:** 20' x 20' x 2' = 800 ft<sup>3</sup>  
**Final Size:** 20' x 20' x 2' = 800 ft<sup>3</sup>  
**Total Cubic Yards:** 0 yd<sup>3</sup>

**Distances from (ft):**

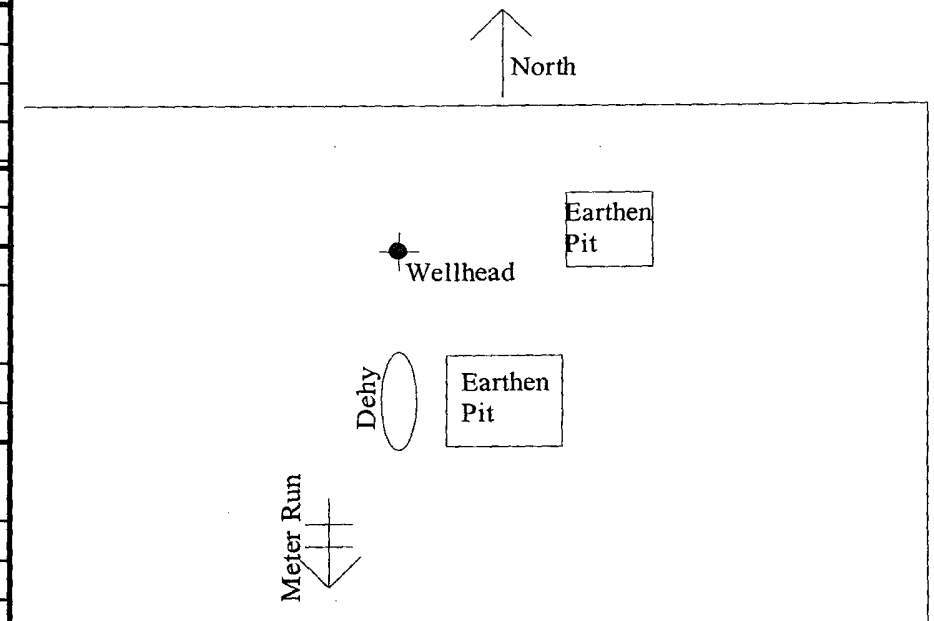
**Groundwater:** > 100'  
**Wellhead Protection Area:** No  
**Nearest Surface Water:** > 1000'  
**Distance to ephemeral stream:** N/A

(Navajo/Jicarilla only)

**Ranking Score (points):** 0 pts

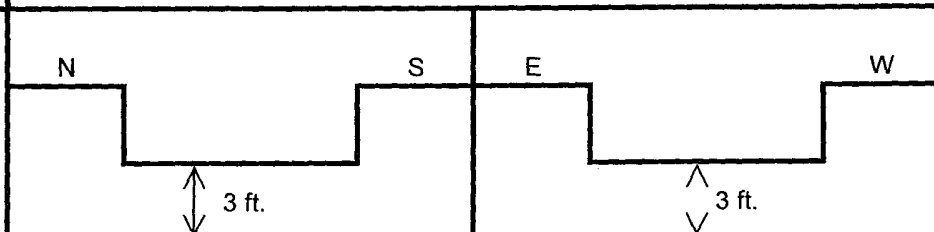
Sample ID	Description	OVM Reading
1	3' below pit bottom	Non Detect
2		
3		
4		
5		
6		
7		
8		
9		
10		

Site Diagram:



Not to Scale

Comments:



Prepared by: Pat Shannon

Rinsberg Engineering, Inc.

EPA METHOD 8015 Modified  
Nonhalogenated Volatile Organics  
Total Petroleum Hydrocarbons

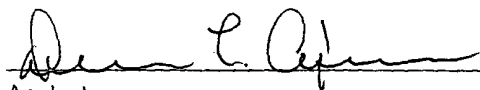
Client:	ConocoPhillips	Project #:	96052-026
Sample ID:	Lackey BLS #12R	Date Reported:	05-20-03
Laboratory Number:	25685	Date Sampled:	05-15-03
Chain of Custody No:	10549	Date Received:	05-16-03
Sample Matrix:	Soil	Date Extracted:	05-19-03
Preservative:	Cool	Date Analyzed:	05-20-03
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

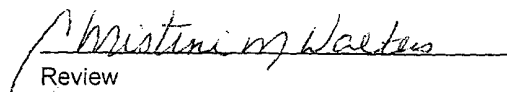
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Lackey BLS #12R.**

  
Analyst

  
Review