

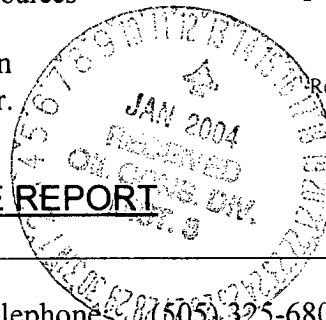
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

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

OK  
Submit 1 copy to  
appropriate  
District Office  
and 1 copy to  
the Santa Fe Office

Revised June 10, 2003



**PIT REMEDIATION AND CLOSURE REPORT**

30-045-31282

Operator: Energen Resources Telephone: (505) 325-6800

Address: 2198 Bloomfield Hwy Farmington, NM 87401

Facility Or: Scott #13R API #: 30-045-31282

Well Name

Location: Unit or Qtr/Qtr Sec F Sec 3 T 31N R 10W County San Juan

Pit Type: Separator          Dehydrator          Other          Production Pit         

Land Type: BLM         , State         , Fee          Other          Private         

Pit Location: Pit dimensions: length unknown, width unknown, depth unknown  
(Attach diagram)

Reference: wellhead X, other         

Footage from reference: 30'

Direction from reference: 5 Degrees X East North X  
of  
         West South         

Depth To Ground Water (Vertical distance from contaminants to seasonal high water elevation of ground water.)	Less than 50 feet	(20 points)
	50 feet to 99 feet	(10 points)
	Greater than 100 feet	( 0 points) <u>20</u>
Wellhead Protection Area: (Less than 200 feet from a private domestic water source, or; less than 1000 feet from all other water sources.)	Yes	(20 points)
	No	( 0 points) <u>20</u>
Distance To Surface Water: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches.)	Less than 200 feet	(20 points)
	200 feet to 1000 feet	(10 points)
	Greater than 1000 feet	( 0 points) <u>0</u>
RANKING SCORE (TOTAL POINTS):		<u>40 pts.</u>

Date Remediation Started: \_\_\_\_\_ Date completed: \_\_\_\_\_

Remediation Method: Excavation \_\_\_\_\_ Approx. cubic yards \_\_\_\_\_  
(Check all appropriate sections.) Landfarmed \_\_\_\_\_ Insitu Bioremediation \_\_\_\_\_  
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 54-in below ground level at refusal (bedrock). The sample was analyzed for  
GRO/DRO analysis. All analyses were within BLM and NMOCD requirements.

The pit was filled prior to sampling during site preparation for work over.

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

Final Pit:  
Closure Sampling:  
(if multiple samples,  
attach sample results  
and diagram of sample  
locations and depths)

Sample location 54-in below ground level at refusal (bedrock)

Sample depth 54-in below ground level

Sample Date 12/23/03 Sample time 10:08

Sample Results

Benzene(ppm) N/A

Total BTEX(ppm) N/A

Field headspace(ppm) 1.0

TPH Non Detect

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

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

Signature Doug Thomas Date 1/12/04

Printed Name Doug Thomas Title Drilling & Completion Foreman

E-mail Address \_\_\_\_\_

<b>Location:</b> Scott #13R		1515' FNL & 1135' FWL		<b>Site Diagram:</b>	
<b>Footages:</b>					
<b>Unit Letter:</b> F		Sec. 3 Twn. 31N Rng. 10W			
<b>Latitude:</b> 36° 35' 49" N		<b>Longitude:</b> 107° 52' 26" W			
<b>Lease Num.:</b> DP #203599		<b>Land Type:</b> Private			
<b>Pit Type:</b>		<b>Production Pit</b>			
<b>Pit Reference</b>					
<b>Reference:</b> wellhead		<b>Footage:</b> 30'			
<b>Direction:</b> (N) or S 5 Degrees (E) or W					
<b>Initial size:</b> Unknown - well location worked over prior to sampling					
<b>Final Size:</b>					
<b>Total Cubic Yards:</b>					
<b>Distances from (ft):</b>					
<b>Groundwater:</b>		< 50 ft.			
<b>Wellhead Protection Area:</b>		yes			
<b>Nearest Surface Water:</b>		> 1000 ft.			
<b>Distance to ephemeral stream:</b>		N/A			
<b>(Navajo/Jicarilla only)</b>					
<b>Ranking Score (points):</b>		40 pts.			
<b>Sample ID</b>	<b>Description</b>	<b>OVM Reading</b>			
1	54" at refusal	1.0 ppm			
2					
3					
4					
5					
6					
7					
8					
9					
10					
<b>Comments:</b>		Not to Scale  Direction to Pit from Rosenbaum Construction: 20' North of existing wellhead 15' East to pit			
Hit refusal at 54" below ground surface & took sample,					
<b>Tests:</b>					

612 E. Murray Drive  
Farmington, NM 87499

Off: (505) 327-1072  
FAX: (505) 327-1496

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P.O. Box 3788  
Shiprock, NM 87420

Off: (505) 368-4065

## ANALYTICAL REPORT

Date: 08-Jan-04

CLIENT: B.E.S.T.  
Work Order: 0312016  
Project: Scott 13R, Cedar Hill  
Lab ID: 0312016-001A

Client Sample Info: Scott 13R  
Client Sample ID: Produced Pit  
Collection Date: 12/23/2003 8:50:00 AM  
Matrix: SOIL

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DIESEL RANGE ORGANICS</b>		<b>SW8015B</b>				Analyst: JEM
T/R Hydrocarbons: C10-C28	ND	25.0		mg/Kg	1	1/5/2004
<b>GASOLINE RANGE ORGANICS</b>		<b>SW8015B</b>				Analyst: JEM
T/R Hydrocarbons: C6-C10	ND	4.50		mg/Kg	25	1/5/2004

Qualifiers:  
ND - Not Detected at the Practical Quantitation Limit  
J - Analyte detected below Practical Quantitation Limit  
B - Analyte detected in the associated Method Blank  
H - Parameter exceeded Maximum Allowable Holding Time

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted precision limits  
E - Value above Upper Quantitation Limit - UQL

Page 1 of 1

MAINTAINING HARMONY BETWEEN MAN AND HIS ENVIRONMENT