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

Form C-144
July 21, 2008

For temporary pits, closed-loop systems, and below-grade tanks, submit to the appropriate NMOCD District Office.
For permanent pits and exceptions submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.

3911

Pit, Closed-Loop System, Below-Grade Tank, or Proposed Alternative Method Permit or Closure Plan Application

Type of action:
- ☐ Permit of a pit, closed-loop system, below-grade tank, or proposed alternative method
- ☒ Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method
- ☐ Modification to an existing permit
- ☐ Closure plan only submitted for an existing permitted or non-permitted pit, closed-loop system, below-grade tank, or proposed alternative method

Instructions: Please submit one application (Form C-144) per individual pit, closed-loop system, below-grade tank or alternative request

Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances

1
Operator: Energen Resources Corporation OGRID #: 162928
Address: 2010 Afton Place, Farmington, NM 87401
Facility or well name: Phillips #3F
API Number: 30-045-34666 OCD Permit Number:
U/L or Qtr/Qtr O Section 32 Township 28N Range 08W County: San Juan
Center of Proposed Design: Latitude 36.61250 Longitude 107.70070 NAD: ☐1927 ☒1983
Surface Owner: ☒ Federal ☐ State ☐ Private ☐ Tribal Trust or Indian Allotment

2
☒ **Pit**: Subsection F or G of 19.15 17.11 NMAC
Temporary: ☒ Drilling ☐ Workover
☐ Permanent ☐ Emergency ☐ Cavitation ☐ P&A
☐ Lined ☐ Unlined Liner type: Thickness _____ mil ☐ LLDPE ☐ HDPE ☐ PVC ☐ Other _____
☐ String-Reinforced
Liner Seams: ☐ Welded ☐ Factory ☐ Other _____ Volume: _____ bbl Dimensions: L_____ x W_____ x D_____

3
☐ **Closed-loop System:** Subsection H of 19.15.17.11 NMAC
Type of Operation: ☐ P&A ☐ Drilling a new well ☐ Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent)
☐ Drying Pad ☐ Above Ground Steel Tanks ☐ Haul-off Bins ☐ Other _____
☐ Lined ☐ Unlined Liner type: Thickness _____ mil ☐ LLDPE ☐ HDPE ☐ PVC ☐ Other _____
Liner Seams: ☐ Welded ☐ Factory ☐ Other _____

RECEIVED
AUG 2009
OIL CONS. DIV. DIST. 3

4
☐ **Below-grade tank**: Subsection I of 19.15.17.11 NMAC
Volume: _____ bbl Type of fluid: _____
Tank Construction material: _____
☐ Secondary containment with leak detection ☐ Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off
☐ Visible sidewalls and liner ☐ Visible sidewalls only ☐ Other _____
Liner type: Thickness _____ mil ☐ LLDPE ☐ HDPE ☐ PVC ☐ Other _____

5
☐ **Alternative Method:**
Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

32

6

Fencing: Subsection D of 19.15.17.11 NMAC (Applies to permanent pits, temporary pits, and below-grade tanks)

☐ Chain link, six feet in height, two strands of barbed wire at top *(Required if located within 1000 feet of a permanent residence, school, hospital, institution or church)*

☐ Four foot height, four strands of barbed wire evenly spaced between one and four feet

☐ Alternate. Please specify _____

7

Netting Subsection E of 19 15.17.11 NMAC (Applies to permanent pits and permanent open top tanks)

☐ Screen ☐ Netting ☐ Other

☐ Monthly inspections (If netting or screening is not physically feasible)

8

Signs: Subsection C of 19.15.17.11 NMAC

☐ 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers

☐ Signed in compliance with 19.15.3.103 NMAC

9

Administrative Approvals and Exceptions:
Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.

☐ Administrative approval(s): Requests must be submitted to the appropriate division district or the Santa Fe Environmental Bureau office for consideration of approval.

☐ Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

10

Siting Criteria (regarding permitting): 19.15.17.10 NMAC
Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate district office or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. Applicant must attach justification for request. Please refer to 19.15.17.10 NMAC for guidance. Siting criteria does not apply to drying pads or above-grade tanks associated with a closed-loop system.

Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. *(Applies to temporary, emergency, or cavitation pits and below-grade tanks)* - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No ☐ NA
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. *(Applies to permanent pits)* - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	☐ Yes ☐ No
Within a 100-year floodplain. - FEMA map	☐ Yes ☐ No

11

Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

☐ Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC
☐ Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 NMAC
☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
☐ Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
☐ Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

☐ Previously Approved Design (attach copy of design) API Number: _____ or Permit Number: _____

12

Closed-loop Systems Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

☐ Geologic and Hydrogeologic Data (only for on-site closure) - based upon the requirements of Paragraph (3) of Subsection B of 19.15.17.9
☐ Siting Criteria Compliance Demonstrations (only for on-site closure) - based upon the appropriate requirements of 19.15.17.10 NMAC
☐ Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
☐ Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

☐ Previously Approved Design (attach copy of design) API Number: _____

☐ Previously Approved Operating and Maintenance Plan API Number: _____ *(Applies only to closed-loop system that use above ground steel tanks or haul-off bins and propose to implement waste removal for closure)*

13.

Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

☐ Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC
☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
☐ Climatological Factors Assessment
☐ Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC
☐ Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15.17.11 NMAC
☐ Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC
☐ Liner Specifications and Compatibility Assessment - based upon
☐ Quality Control/Quality Assurance Construction and Installation Plan the appropriate requirements of 19.15.17.11 NMAC
☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
☐ Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
☐ Nuisance or Hazardous Odors, including H2S, Prevention Plan
☐ Emergency Response Plan
☐ Oil Field Waste Stream Characterization
☐ Monitoring and Inspection Plan
☐ Erosion Control Plan
☐ Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

14

Proposed Closure: 19.15.17.13 NMAC
Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.

Type: ☐ Drilling ☐ Workover ☐ Emergency ☐ Cavitation ☐ P&A ☐ Permanent Pit ☐ Below-grade Tank ☐ Closed-loop System Alternative

Proposed Closure Method: ☐ Waste Excavation and Removal
☐ Waste Removal (Closed-loop systems only)
☐ On-site Closure Method (Only for temporary pits and closed-loop systems)
☐ In-place Burial ☐ On-site Trench Burial
☐ Alternative Closure Method (Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration)

15

Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) ***Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.***

☐ Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC
☐ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC
☐ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings)
☐ Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
☐ Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC
☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

16

Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: (19.15.17.13.D NMAC)
Instructions: Please indentify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use attachment if more than two facilities are required.

Disposal Facility Name: _____ Disposal Facility Permit Number: _____

Disposal Facility Name: _____ Disposal Facility Permit Number: _____

Will any of the proposed closed-loop system operations and associated activities occur on or in areas that will not be used for future service and operations?

☐ Yes (If yes, please provide the information below) ☐ No

Required for impacted areas which will not be used for future service and operations:

☐ Soil Backfill and Cover Design Specifications - - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
☐ Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC
☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

17

Siting Criteria (regarding on-site closure methods only: 19.15.17.10 NMAC
Instructions: Each siting criteria requires a demonstration of compliance in the closure plan. Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate district office or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17.10 NMAC for guidance.

Ground water is less than 50 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Ground water is between 50 and 100 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Ground water is more than 100 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	☐ Yes ☐ No
Within a 100-year floodplain. - FEMA map	☐ Yes ☐ No

18

On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.

☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
☐ Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC
☐ Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of 19.15.17.11 NMAC
☐ Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.11 NMAC
☐ Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC
☐ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC
☐ Waste Material Sampling Plan - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC
☐ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cannot be achieved)
☐ Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
☐ Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC
☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

19

Operator Application Certification:
I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief.

Name (Print): _____ Title: _____

Signature: _____ Date: _____

e-mail address: _____ Telephone: _____

20

OCD Approval: ☐ Permit Application (including closure plan) ☒ Closure Plan (only) ☐ OCD Conditions (see attachment)

OCD Representative Signature: Jonathan D. Kelly **Approval Date:** 10/07/2011

Title: Compliance Officer **OCD Permit Number:** _____

21

Closure Report (required within 60 days of closure completion): Subsection K of 19.15.17.13 NMAC
Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed.

☒ **Closure Completion Date:** 04-15-09

22

Closure Method:
☐ Waste Excavation and Removal ☐ On-Site Closure Method ☐ Alternative Closure Method ☐ Waste Removal (Closed-loop systems only)
☐ If different from approved plan, please explain.

23

Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only:
Instructions: Please indentify the facility or facilities for where the liquids, drilling fluids and drill cuttings were disposed. Use attachment if more than two facilities were utilized.
Disposal Facility Name: _____ Disposal Facility Permit Number: _____

Disposal Facility Name: _____ Disposal Facility Permit Number: _____

Were the closed-loop system operations and associated activities performed on or in areas that will not be used for future service and operations?
☐ Yes (If yes, please demonstrate compliance to the items below) ☒ No

Required for impacted areas which will not be used for future service and operations:
☐ Site Reclamation (Photo Documentation)
☐ Soil Backfilling and Cover Installation
☐ Re-vegetation Application Rates and Seeding Technique

24

Closure Report Attachment Checklist: *Instructions: Each of the following items must be attached to the closure report Please indicate, by a check mark in the box, that the documents are attached.*
☒ Proof of Closure Notice (surface owner and division)
☐ Proof of Deed Notice (required for on-site closure)
☒ Plot Plan (for on-site closures and temporary pits)
☒ Confirmation Sampling Analytical Results (if applicable)
☒ Waste Material Sampling Analytical Results (required for on-site closure)
☐ Disposal Facility Name and Permit Number
☒ Soil Backfilling and Cover Installation
☐ Re-vegetation Application Rates and Seeding Technique
☐ Site Reclamation (Photo Documentation)
On-site Closure Location: Latitude 36.61250 Longitude 107.70070 NAD. ☐ 1927 ☒ 1983

25

Operator Closure Certification:
I hereby certify that the information and attachments submitted with this closure report is true, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan

Name (Print): Vicki Donaghey Title: Regulatory Analyst

Signature: Vicki Donaghey Date: 8-18-09

e-mail address: vdonaghe@energen.com Telephone: 505-324-4136

envirotech
Analytical Laboratory

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Energen	Project #:	03022-0001
Sample ID:	Reserve Pit (Post Mixing)	Date Reported:	04-08-09
Laboratory Number:	49564	Date Sampled:	04-06-09
Chain of Custody No:	6761	Date Received:	04-06-09
Sample Matrix:	Soil	Date Extracted:	04-07-09
Preservative:		Date Analyzed:	04-07-09
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**8.9**	**0.2**
Diesel Range (C10 - C28)	**24.9**	**0.1**
Total Petroleum Hydrocarbons	**33.8**	**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: **Phillips 3F**

Analyst

Review

5796 US Highway 64, Farmington, NM 87401 | Ph (505)632-0615 Fr (800)362-1879 Fx (505) 632-1865 lab@envirotech-inc.com envirotech-inc.com

envirotech
Analytical Laboratory

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	04-07-09 QA/QC	Date Reported:	04-08-09
Laboratory Number:	49550	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-07-09
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept. Range
Gasoline Range C5 - C10	05-07-07	9.8989E+002	9.9029E+002	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	1.0356E+003	1.0360E+003	0.04%	0 - 15%

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	ND	0.2
Diesel Range C10 - C28	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	63.8	60.3	5.5%	0 - 30%
Diesel Range C10 - C28	16.9	15.7	7.1%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	63.8	250	309	98.4%	75 - 125%
Diesel Range C10 - C28	16.9	250	261	97.8%	75 - 125%

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: **QA/QC for Samples 49550, 49551, 49561, 49562, 49564 - 49566, and 49568 - 49570.**

Analyst

Review

5796 US Highway 64, Farmington, NM 87401 | Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 lab@envirotech-inc.com envirotech-inc.com

envirotech
Analytical Laboratory

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Energen	Project #:	03022-0001
Sample ID:	Reserve Pit (Post Mixing)	Date Reported:	04-08-09
Laboratory Number:	49564	Date Sampled:	04-06-09
Chain of Custody:	6761	Date Received:	04-06-09
Sample Matrix:	Soil	Date Analyzed:	04-07-09
Preservative:		Date Extracted:	04-07-09
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**2.4**	**0.9**
Toluene	**36.9**	**1.0**
Ethylbenzene	**25.8**	**1.0**
p,m-Xylene	**1,250**	**1.2**
o-Xylene	**85.3**	**0.9**
Total BTEX	**1,400**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**98.0 %**
	1,4-difluorobenzene	**98.0 %**
	Bromochlorobenzene	**98.0 %**

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Phillips 3F**

Analyst

Review

5796 US Highway 64, Farmington, NM 87401 | Ph (505)632-0615 Fr (800)362-1879 Fx (505) 632-1865 lab@envirotech-inc.com envirotech-inc.com

envirotech
Analytical Laboratory

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	04-07-BT QA/QC	Date Reported:	04-08-09
Laboratory Number:	49550	Date Sampled.	N/A
Sample Matrix.	Soil	Date Received:	N/A
Preservative·	N/A	Date Analyzed:	04-07-09
Condition:	N/A	Analysis·	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	7.3103E+006	7.3249E+006	0.2%	ND	0.1
Toluene	6.7260E+006	6 7394E+006	0.2%	ND	0.1
Ethylbenzene	5.7716E+006	5.7831E+006	0.2%	ND	0.1
p,m-Xylene	1.4794E+007	1.4823E+007	0.2%	ND	0.1
o-Xylene	5.4788E+006	5 4898E+006	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	68.6	67.5	1.6%	0 - 30%	0.9
Toluene	223	214	3.9%	0 - 30%	1.0
Ethylbenzene	260	251	3.7%	0 - 30%	1.0
p,m-Xylene	1,590	1,570	1.3%	0 - 30%	1.2
o-Xylene	261	254	2.6%	0 - 30%	0.9

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	68.6	50.0	114	96.1%	39 - 150
Toluene	223	50.0	260	95.4%	46 - 148
Ethylbenzene	260	50.0	302	97.2%	32 - 160
p,m-Xylene	1,590	100	1,670	98.8%	46 - 148
o-Xylene	261	50.0	307	98.9%	46 - 148

ND - Parameter not detected at the stated detection limit

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996

Comments: QA/QC for Samples 49550, 49551, 49561, 49562, 49564 - 49566, and 49568 - 49570.

Analyst

Review

5796 US Highway 64, Farmington, NM 87401 | Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 lab@envirotech-inc.com envirotech-inc.com

envirotech
Analytical Laboratory

Chloride

Client:	Energen	Project #:	03022-0001
Sample ID:	Reserve Pit (Post Mixing)	Date Reported:	04-09-09
Lab ID#:	49564	Date Sampled:	04-06-09
Sample Matrix:	Soil	Date Received:	04-06-09
Preservative:		Date Analyzed:	04-09-09
Condition:	Intact	Chain of Custody:	6761

Parameter	Concentration (mg/Kg)
Total Chloride	**140**

Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: **Phillips 3F.**

Analyst

Review

5796 US Highway 64, Farmington, NM 87401 | Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 lab@envirotech-inc.com envirotech-inc.com

envirotech
Analytical Laboratory

EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Energen	Project #:	03022-0001
Sample ID:	Reserve Pit (Post Mixing)	Date Reported:	04-08-09
Laboratory Number:	49564	Date Sampled:	04-06-09
Chain of Custody No:	6761	Date Received:	04-06-09
Sample Matrix:	Soil	Date Extracted:	04-07-09
Preservative:		Date Analyzed:	04-07-09
Condition:	Intact	Analysis Needed:	TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	**127**	**12.1**

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Phillips 3F.**

Analyst

Review

5796 US Highway 64, Farmington, NM 87401 | Ph (505)632-0615 Fr (800)362-1879 Fx (505) 632-1865 lab@envirotech-inc.com envirotech-inc.com

envirotech
Analytical Laboratory

EPA METHOD 418.1
TOTAL PETROLEUM HYROCARBONS
QUALITY ASSURANCE REPORT

Client:	QA/QC	Project #:	N/A
Sample ID:	QA/QC	Date Reported:	04-08-09
Laboratory Number:	04-07-TPH.QA/QC 49564	Date Sampled:	N/A
Sample Matrix:	Freon-113	Date Analyzed:	04-07-09
Preservative:	N/A	Date Extracted:	04-07-09
Condition:	N/A	Analysis Needed:	TPH

Calibration	I-Cal Date	C-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
	04-06-09	04-07-09	1,510	1,590	5.3%	+/- 10%

Blank Conc. (mg/Kg)	Concentration	Detection Limit
TPH	ND	12.1

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
TPH	127	109	14.3%	+/- 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
TPH	127	2,000	1,810	85.1%	80 - 120%

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **QA/QC for Samples 49564 - 49566 and 49568 - 49570.**

Analyst

Review

5796 US Highway 64, Farmington, NM 87401 | Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 lab@envirotech-inc.com envirotech-inc.com

CHAIN OF CUSTODY RECORD

6761

Client: Energen	Project Name / Location: Phillips 3F
Client Address: Call w/ verbals.	Sampler Name: Hasely
Client Phone No.: 330-3584	Client No.: 03022-0001

ANALYSIS / PARAMETERS

Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative HgCl₂	Preservative HCl		TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)	CHLORIDE				Sample Cool	Sample Intact
Reserve Pit (Post Mixing)	4/6		49564	(Soil) Sludge Solid Aqueous	1				✓	✓							✓	✓					✓
				Soil Sludge Solid Aqueous																			
				Soil Sludge Solid Aqueous																			
				Soil Sludge Solid Aqueous																			
				Soil Sludge Solid Aqueous																			
				Soil Sludge Solid Aqueous																			
				Soil Sludge Solid Aqueous																			
				Soil Sludge Solid Aqueous																			
				Soil Sludge Solid Aqueous																			
				Soil Sludge Solid Aqueous																			

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	4/6/09	3:25	Christine M Walters	4/6/09	1525
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

Email Ed Hasely w/ Results

ENVIROTECH INC.

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505-632-0615

ENERGEN
RESOURCES

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)
For delivery information visit our website at www.usps.com®
OFFICIAL USE

Postage	$ .42
Certified Fee	2.70
Return Receipt Fee (Endorsement Required)	2.20
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	$ 5.32

Postmark Here

7007 1490 0000 5397 4233

Sent To: BLM. Jim Lovato
Street, Apt. No.; or PO Box No.: 1235 La Plata Highway
City, State, ZIP+4: Farmington NM 87401

PS Form 3800, August 2006 See Reverse for Instructions

April 28, 2009

Certified Mail: 0000 5397 4233

Bureau of Land Management
Attn: Jim Lovato
1235 LaPlata Highway
Farmington, NM 87401

Subject: Reserve Pit In-Place Closure
Phillips #3F

Dear Sir or Madam:

Energen Resources plans to close a reserve pit located on the subject well location. You are on record as the surface owner where this well is located and the New Mexico Oil Conservation Division (NMOCD) rules require notification to the surface owner of our plans to close the reserve pit. NMOCD rules and guidelines will be followed. The well is located in Unit Letter O, Section 32, Township 28N, Range 08W in Rio Arriba County, New Mexico.

If there are any questions or concerns, please contact me at 505.324.4136.

Sincerely,

Vicki Donaghey
Regulatory Analyst
Energen Resources

Cc: Well File

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:
BLM
Attn: Jim Lovato
1235 La Plata Highway
Farmington NM 87401

COMPLETE THIS SECTION ON DELIVERY

A. Signature X ☐ Agent ☑ Addressee
B. Received by (Printed Name) C. Date of Delivery
D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☑ No

3. Service Type
☑ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7007 1490 0000 5397 4233

PS Form 3811, February 2004 Domestic Return Receipt Phillips #3F 102595-02-M-154

From: Stan Kozimor [mailto:stank@consolidatedconst.com]
Sent: Thursday, April 09, 2009 8:53 AM
To: brandon.powell@state.nm.us; Doug Thomas; mark_kelly@nm.blm.gov
Subject:

We will start work on the Energen Phillips3F on Monday 04/13/09.
If you have any questions please contact me at your convenience.
Thank You
James Hellekson
(505) 320-0049

Well Name: Phillips #3F

Reserve Pit - Final Closure Report:

The pit was closed with in-place burial. The surface owner was notified by certified mail. The OCD was notified at least 72 hours and not more than one week prior to the pit closing. The following process was used to close the pit:

1) All free standing fluids were removed and the liner was cut off at the mudline.
2) The contents were solidified to a bearing capacity sufficient to support the final cover. This was accomplished by mixing the contents with soil at a mixing ratio no greater then 3:1 soil to contents.
3) Sampling was done by collecting a five-point composite sample of the contents after stabilization. The sample was analyzed for the following components;

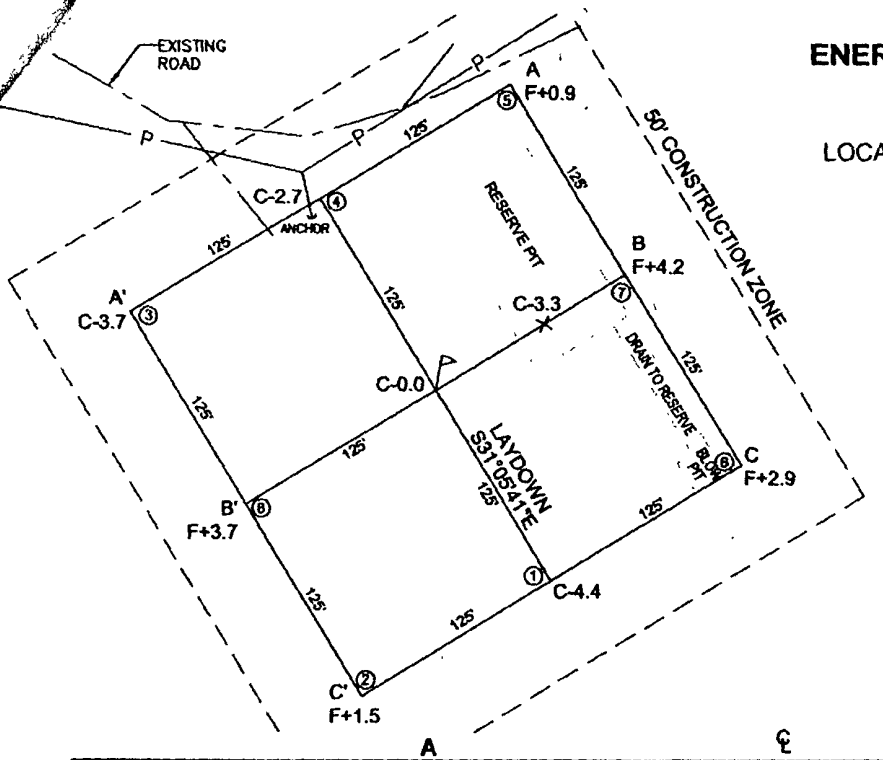
Components	Tests Method	Limit (mg/Kg)
Benzene	EPA SW-846 8021B or 8260B	0.2
BTEX	EPA SW-846 8021B or 8260B	50
TPH	EPA SW-846 418.1	2500
GRO/DRO	EPA SW-846 8015M	500
Chlorides	EPA 300.1	1000

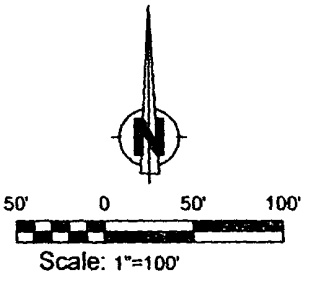
4) The analyses demonstrated that the stabilized contents were under the limits listed above. The contents were covered with compacted non-waste containing earthen material to three feet.
5) After the stabilized contents were covered, the stockpiled topsoil was replaced to a depth of one foot. Topsoil cover was graded to prevent ponding of water and erosion of the cover material. This was accomplished within six months of rig release.
6) The disturbed area not needed for operations was seeded or planted the first growing season after closing the pit. Seed was drilled on the contour whenever practical or by other division-approved methods. The goal is to obtain vegetative cover that equals 70% of the native cover (un-impacted by overgrazing, fire or other intrusion damaging to native vegetation) consisting of at least three native plant species, including at least one grass but not including noxious weeds. Cover will be maintained through two successive growing seasons. During the two growing seasons that prove viability there shall be no artificial irrigation of the vegetation. Seeding or planting will continue until the required cover is reached. If conditions are not favorable to establishment of vegetation due to periods of drought or similar problems then the Aztec office of the OCD will be notified. The Aztec office of the OCD will also be notified when the disturbed ground successfully achieves re-vegetation.
7) A steel marker no less then four inches in diameter was cemented in a hole three feet deep in the center of the onsite burial. The marker includes a four foot tall riser with; operator name, lease name, well name and number, unit

number, section, township and rage, and a designation that it is an onsite burial location.

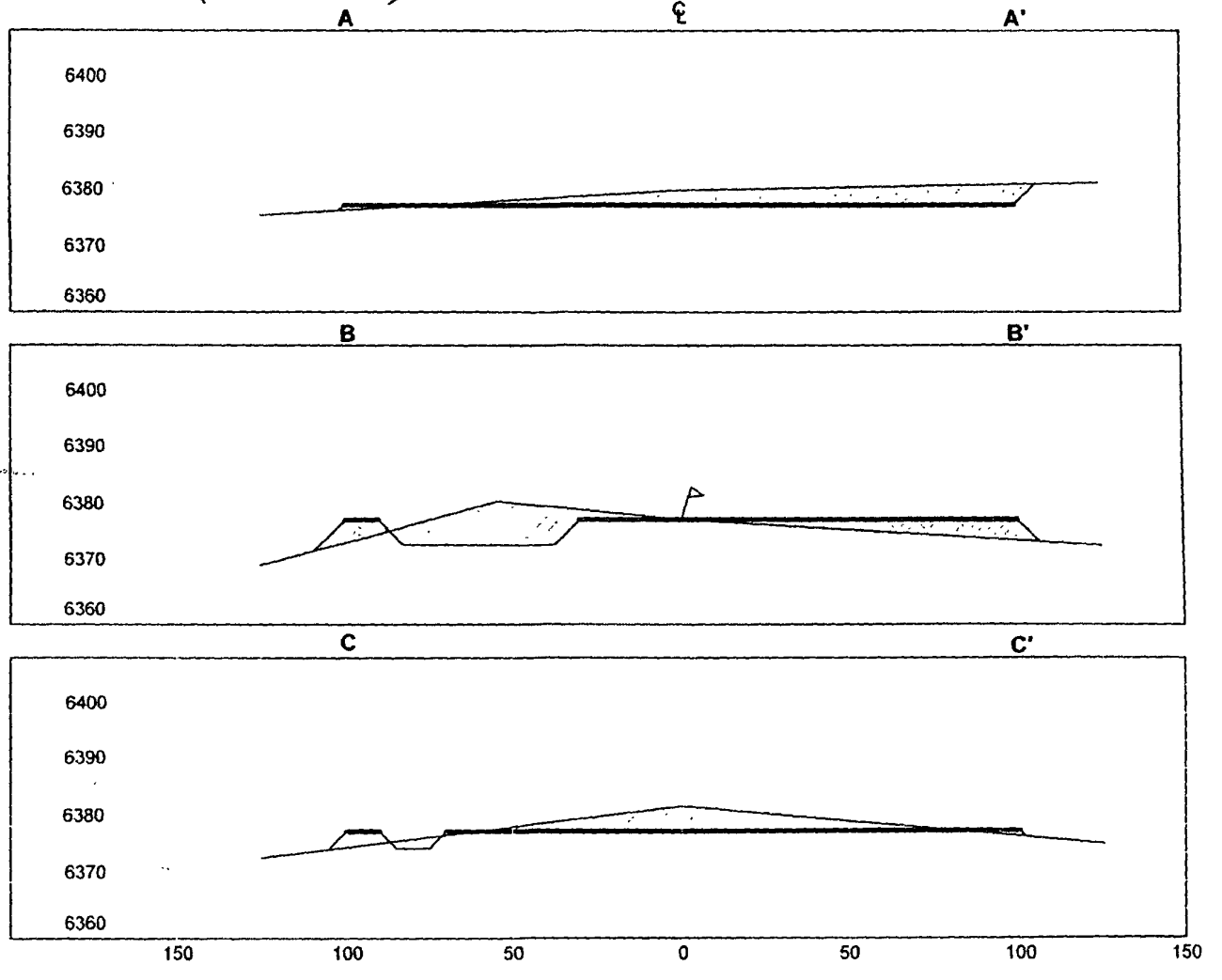
ENERGEN RESOURCES CORPORATION

PHILLIPS #3F
425' FSL & 1640' FEL
LOCATED IN THE SW/4 SE/4 OF SECTION 32,
T28N, R8W, N.M.P.M.,
SAN JUAN COUNTY, NEW MEXICO
ELEVATION: 6379', NAVD 88





LATITUDE: 36.61238"N
LONGITUDE: 107.70088"W
DATUM: NAD 83



HORIZ. SCALE: 1"=50'
VERT. SCALE: 1"=30'

Red Skies Surveying & Mapping, Ir
A Native American Owned Company
101 Fauver Lane, Bloomfield, New Mexico 87413
Phone/Fax: (505) 632-8906 Cell No: (505) 793-532

ENERGEN RESOURCES

Pit Inspection Log Sheet

(daily while rig is on-site, then weekly as long as liquids remain in the pit)

Well Name: Phillips **API:**

Name (Print): Dewayne Blancett	Signature: Dewayne Blancett	Date: 6-29-08	
Note Any Deficiencies: None			
Name (Print):	Signature: Dewayne Blancett	Date: 6-30-08	
Note Any Deficiencies: None			
Name (Print):	Signature: D. Blancett	Date: 7-1-08	
Note Any Deficiencies: None			
Name (Print):	Signature: D. Blancett	Date: 7-2-08	
Note Any Deficiencies: None			
Name (Print):	Signature: D. Blancett	Date: 7-3-08	
Note Any Deficiencies: None			
Name (Print):	Signature: D. Blancett	Date: 7-4-08	
Note Any Deficiencies: None			
Name (Print):	Signature: D. Blancett	Date: 7-5-08	
Note Any Deficiencies: None			
Name (Print):	Signature: D. Blancett	Date: 7-6-08	
Note Any Deficiencies: None			
Name (Print):	Signature: D. Blancett	Date: 7-7-08	
Note Any Deficiencies: None			
Name (Print):	Signature: D. Blancett	Date: 7-8-08	
Note Any Deficiencies: None			
Name (Print):	Signature: D. Blancett	Date: 7-9-08	
Note Any Deficiencies: None			
Name (Print):	Signature: D. Blancett	Date: 7-10-08	
Note Any Deficiencies: None			
Name (Print):	Signature: D. Blancett	Date: 7-11-08	
Note Any Deficiencies: None			
Name (Print):	Signature: D. Blancett	Date: 7-12-08	
Note Any Deficiencies: None			
Name (Print):	Signature: D. Blancett	Date: 7-13-08	
Note Any Deficiencies: None			
Name (Print):	Signature: D. Blancett	Date: 7-14-08	
Note Any Deficiencies: None			

2-09

ENERGEN RESOURCES

Pit Inspection Log Sheet

(daily while rig is on-site, then weekly as long as liquids remain in the pit)

Well Name: Phillips **API:**

Name (Print): DeWayne Blancett Signature: D. Blancett Date: 7-15-08
Note Any Deficiencies: NONE

Name (Print): Signature: D. Blancett Date: 7-16-08
Note Any Deficiencies: NONE

Name (Print): Signature: D. Blancett Date: 7-17-08
Note Any Deficiencies: NONE

Name (Print): Signature: D. Blancett Date: 7-18-08
Note Any Deficiencies: NONE

Name (Print): Signature: D. Blancett Date: 7-19-08
Note Any Deficiencies: NONE

Name (Print): Signature: D. Blancett Date: 7-20-08
Note Any Deficiencies: NONE

Name (Print): Signature: D. Blancett Date: 7-21-08
Note Any Deficiencies: NONE

Name (Print): Signature: D. Blancett Date: 7-22-08
Note Any Deficiencies: NONE

Name (Print): Signature: D. Blancett Date: 7-23-08
Note Any Deficiencies: NONE

Name (Print): Signature: D. Blancett Date: 7-24-08
Note Any Deficiencies: NONE

Name (Print): Signature: D. Blancett Date: 7-25-08
Note Any Deficiencies: NONE

Name (Print): Signature: D. Blancett Date: 7-26-08
Note Any Deficiencies: NONE

Name (Print): Signature: D Blancett Date: 7-27-08
Note Any Deficiencies: NONE

Name (Print): Signature: D. Blancett Date: 7-28-08
Note Any Deficiencies: NONE

Name (Print): Signature: D. Blancett Date: 7-29-08
Note Any Deficiencies: NONE

Name (Print): Signature: D. Blancett Date: 7-30-08
Note Any Deficiencies: NONE

ENERGEN RESOURCES

Pit Inspection Log Sheet

(daily while rig is on-site, then weekly as long as liquids remain in the pit)

Well Name: Phillips **API:**

Name (Print): DeWayne Blancett	Signature: D. Blancett	Date: 7-31-08	
Note Any Deficiencies: None			
Name (Print):	Signature: D. Blancett	Date: 8-1-08	
Note Any Deficiencies: None			
Name (Print):	Signature: D. Blancett	Date: 8-2-08	
Note Any Deficiencies: None			
Name (Print):	Signature: D. Blancett	Date: 8-3-08	
Note Any Deficiencies: None			
Name (Print):	Signature: D. Blancett	Date: 8-4-08	
Note Any Deficiencies: None			
Name (Print):	Signature: D. Blancett	Date: 8-5-08	
Note Any Deficiencies: None			
Name (Print):	Signature: D. Blancett	Date: 8-6-08	
Note Any Deficiencies: None			
Name (Print):	Signature: D. Blancett	Date: 8-7-08	
Note Any Deficiencies: None			
Name (Print):	Signature: D. Blancett	Date: 8-8-08	
Note Any Deficiencies: None			
Name (Print):	Signature: D. Blancett	Date: 8-9-08	
Note Any Deficiencies: None			
Name (Print):	Signature: D. Blancett	Date: 8-10-08	
Note Any Deficiencies: None			
Name (Print):	Signature: D. Blancett	Date: 8-11-08	
Note Any Deficiencies: None			
Name (Print):	Signature: D. Blancett	Date: 8-12-08	
Note Any Deficiencies: None			
Name (Print):	Signature: D. Blancett	Date: 8-13-08	
Note Any Deficiencies: None			
Name (Print):	Signature: D. Blancett	Date: 8-14-08	
Note Any Deficiencies: None			
Name (Print):	Signature: D. Blancett	Date: 8-15-08	
Note Any Deficiencies: None			

2-09

ENERGEN
RESOURCES

Pit Inspection Log Sheet

(daily while rig is on-site, then weekly as long as liquids remain in the pit)

Well Name: Phillips 3 R **API:**

Name (Print): DeWayne Blancett Signature: Dewayne Blancett Date: 8-15-08
Note Any Deficiencies: None

Name (Print): Signature: Dewayne Blancett Date: 8-16-08
Note Any Deficiencies: None

Name (Print): Signature: Dewayne Blancett Date: 8-17-08
Note Any Deficiencies: None

Name (Print): Signature: Dewayne Blancett Date: 8-18-08
Note Any Deficiencies: None

Name (Print): Signature: Dewayne Blancett Date: 8-19-08
Note Any Deficiencies: None

Name (Print): Signature: Dewayne Blancett Date: 8-20-08
Note Any Deficiencies: None

Name (Print): Signature: Dewayne Blancett Date: 8-21-08
Note Any Deficiencies: None

Name (Print): Signature: Dewayne Blancett Date: 8-22-08
Note Any Deficiencies: None

Name (Print): Signature: Dewayne Blancett Date: 8-23-08
Note Any Deficiencies: None

Name (Print): Signature: Dewayne Blancett Date: 8-24-08
Note Any Deficiencies: None

Name (Print): Signature: Dewayne Blancett Date: 8-25-08
Note Any Deficiencies: None

Name (Print): Signature: Dewayne Blancett Date: 8-26-08
Note Any Deficiencies: None

Name (Print): Signature: Dewayne Blancett Date: 8-27-08
Note Any Deficiencies: None

Name (Print): Signature: Dewayne Blancett Date: 8-28-08
Note Any Deficiencies: None

Name (Print): Signature: Dewayne Blancett Date: 8-29-08
Note Any Deficiencies: None

Name (Print): Signature: Dewayne Blancett Date: 8-30-08
Note Any Deficiencies: None

ENERGEN
RESOURCES

Pit Inspection Log Sheet

(daily while rig is on-site, then weekly as long as liquids remain in the pit)

Well Name: Phillips 3 R **API:**

Name (Print): DeWayne Blancett	Signature: D. Blancett	Date: 9-1-08	
Note Any Deficiencies: None			
Name (Print):	Signature: D. Blancett	Date: 9-2-08	
Note Any Deficiencies: None			
Name (Print):	Signature: D. Blancett	Date: 9-3-08	
Note Any Deficiencies: None			
Name (Print):	Signature: D. Blancett	Date: 9-4-08	
Note Any Deficiencies: None			
Name (Print):	Signature: D. Blancett	Date: 9-5-08	
Note Any Deficiencies: None			
Name (Print):	Signature: D. Blancett	Date: 9-6-08	
Note Any Deficiencies: None			
Name (Print):	Signature: D. Blancett	Date: 9-7-08	
Note Any Deficiencies:			
Name (Print):	Signature: D. Blancett	Date: 9-8-08	
Note Any Deficiencies: None			
Name (Print):	Signature: D. Blancett	Date: 9-9-08	
Note Any Deficiencies: None			
Name (Print):	Signature: D. Blancett	Date: 9-10-08	
Note Any Deficiencies: None	D. Blancett		
Name (Print):	Signature: D. Blancett	Date: 9-11-08	
Note Any Deficiencies: None			
Name (Print):	Signature: D. Blancett	Date: 9-12-08	
Note Any Deficiencies: None			
Name (Print):	Signature: D. Blancett	Date: 9-13-08	
Note Any Deficiencies: None			
Name (Print):	Signature: D. Blancett	Date: 9-14-08	
Note Any Deficiencies: None			
Name (Print):	Signature: D. Blancett	Date: 9-15-08	
Note Any Deficiencies: None			
Name (Print):	Signature: D. Blancett	Date: 9-16-08	
Note Any Deficiencies: None			

2-09

ENERGEN
RESOURCES

Pit Inspection Log Sheet

(daily while rig is on-site, then weekly as long as liquids remain in the pit)

Well Name: Phillips 3 R **API:**

Name (Print): DeWayne Blancett	Signature: D. Blancett	Date: 9-17-08	
Note Any Deficiencies: NONE			
Name (Print):	Signature: D. Blancett	Date: 9-18-08	
Note Any Deficiencies: NONE			
Name (Print):	Signature: D. Blancett	Date: 9-19-08	
Note Any Deficiencies: NONE			
Name (Print):	Signature: D Blancett	Date: 9-20-08	
Note Any Deficiencies: NONE			
Name (Print):	Signature: D. Blancett	Date: 9-21-08	
Note Any Deficiencies: NONE			
Name (Print):	Signature: D. Blancett	Date: 9-22-08	
Note Any Deficiencies: NONE			
Name (Print):	Signature: D. Blancett	Date: 9-23-08	
Note Any Deficiencies: NONE			
Name (Print):	Signature: D. Blancett	Date: 9-24-08	
Note Any Deficiencies: NONE			
Name (Print):	Signature: D. Blancett	Date: 9-25-08	
Note Any Deficiencies: NONE			
Name (Print):	Signature: D. Blancett	Date: 9-26-08	
Note Any Deficiencies: NONE			
Name (Print):	Signature: D. Blancett	Date: 9-27-08	
Note Any Deficiencies: NONE			
Name (Print):	Signature: D. Blancett	Date: 9-28-08	
Note Any Deficiencies: NONE			
Name (Print):	Signature: D. Blancett	Date: 9-29-08	
Note Any Deficiencies: NONE			
Name (Print):	Signature:	Date:	
Note Any Deficiencies:			
Name (Print):	Signature:	Date:	
Note Any Deficiencies:			
Name (Print):	Signature:	Date:	
Note Any Deficiencies:			

2-09

ENERGEN RESOURCES

Pit Inspection Log Sheet

(daily while rig is on-site, then weekly as long as liquids remain in the pit)

Well Name: Phillips #3F **API:** 30-045-34464

Name (Print): B. R Ivy	Signature:	Date: 11-1-9
Note Any Deficiencies:		
Name (Print): B. R Ivy	Signature:	Date: 11-3-9
Note Any Deficiencies:		
Name (Print): B R Ivy	Signature:	Date: 11-4-9
Note Any Deficiencies:		
Name (Print): B R Ivy	Signature:	Date: 11-5-9
Note Any Deficiencies:		
Name (Print): B. R. Ivy	Signature:	Date: 11-6-9
Note Any Deficiencies:		
Name (Print): B. R. Ivy	Signature:	Date: 11-7-9
Note Any Deficiencies:		
Name (Print): B. R Ivy	Signature:	Date: 11-10-9
Note Any Deficiencies:		
Name (Print): B. R. Ivy	Signature:	Date: 11-11-9
Note Any Deficiencies:		
Name (Print): B Ivy	Signature:	Date: 11-12-9
Note Any Deficiencies:		
Name (Print): B Ivy	Signature:	Date: 11-13-9
Note Any Deficiencies:		
Name (Print): B Ivy	Signature:	Date: 11-14-9
Note Any Deficiencies:		
Name (Print): B Ivy	Signature:	Date: 11-15-9
Note Any Deficiencies:		
Name (Print): B Ivy	Signature:	Date: 11-17-9
Note Any Deficiencies:		
Name (Print): B Ivy	Signature:	Date: 11-18-9
Note Any Deficiencies:		
Name (Print): B Ivy	Signature:	Date: 11-19-9
Note Any Deficiencies:		
Name (Print): B Ivy	Signature:	Date: 11-20-9
Note Any Deficiencies:		

ENERGEN RESOURCES

Pit Inspection Log Sheet

(daily while rig is on-site, then weekly as long as liquids remain in the pit)

Well Name: Phillips #3F **API:** 30-045-34606

Name (Print): B. R. Tuy	Signature:	Date: 11-21-9
Note Any Deficiencies:		
Name (Print): B Tuy	Signature:	Date: 11-24-9
Note Any Deficiencies:		
Name (Print): B Tuy	Signature:	Date: 11-25-9
Note Any Deficiencies:		
Name (Print): B Tuy	Signature:	Date: 11-26-9
Note Any Deficiencies:		
Name (Print): B Tuy	Signature:	Date: 12-1-9
Note Any Deficiencies:		
Name (Print): B Tuy	Signature:	Date: 12-2-9
Note Any Deficiencies:		
Name (Print): B Tuy	Signature:	Date: 12-3-9
Note Any Deficiencies:		
Name (Print): B Tuy	Signature:	Date: 12-4-9
Note Any Deficiencies:		
Name (Print): B Tuy	Signature:	Date: 12-5-9
Note Any Deficiencies:		
Name (Print): B Tuy	Signature:	Date: 12-8-9
Note Any Deficiencies:		
Name (Print): B. Tuy	Signature:	Date: 12-9-9
Note Any Deficiencies:		
Name (Print): B Tuy	Signature:	Date: 12-10-9
Note Any Deficiencies:		
Name (Print): B Tuy	Signature:	Date: 12-11-9
Note Any Deficiencies:		
Name (Print): B. Tuy	Signature:	Date: 12-12-9
Note Any Deficiencies:		
Name (Print): B Tuy	Signature:	Date: 12-13-9
Note Any Deficiencies:		
Name (Print): B Tuy	Signature:	Date: 12-14-9
Note Any Deficiencies:		

ENERGEN RESOURCES

Pit Inspection Log Sheet

(daily while rig is on-site, then weekly as long as liquids remain in the pit)

Well Name: Phillips #3F **API:** 30-045-34464

Name (Print): B Ivy	Signature:	Date: 12-15-9
Note Any Deficiencies:		
Name (Print): B Ivy	Signature:	Date: 12-16-9
Note Any Deficiencies:		
Name (Print): B Ivy	Signature:	Date: 12-17-9
Note Any Deficiencies:		
Name (Print): B Ivy	Signature:	Date: 12-18-9
Note Any Deficiencies:		
Name (Print): B Ivy	Signature:	Date: 12-19-9
Note Any Deficiencies:		
Name (Print): B Ivy	Signature:	Date: 12-20-9
Note Any Deficiencies:		
Name (Print): B Ivy	Signature:	Date: 12-21-9
Note Any Deficiencies:		
Name (Print): B Ivy	Signature:	Date: 12-22-9
Note Any Deficiencies:		
Name (Print): B Ivy	Signature:	Date: 12-23-9
Note Any Deficiencies:		
Name (Print):	Signature:	Date:
Note Any Deficiencies:		
Name (Print):	Signature:	Date:
Note Any Deficiencies:		
Name (Print):	Signature:	Date:
Note Any Deficiencies:		
Name (Print):	Signature:	Date:
Note Any Deficiencies:		
Name (Print):	Signature:	Date:
Note Any Deficiencies:		
Name (Print):	Signature:	Date:
Note Any Deficiencies:		
Name (Print):	Signature:	Date:
Note Any Deficiencies:		

Pit Inspection Log Sheet

Energen Resources Corporation

Well Name: Phillips 3F **API #:**

Name (Print):	Signature:	Date:	
Perry K	[signature]	1-5-09	
Perry K	[signature]	1-12-09	
Perry K	[signature]	1-20-09	
Perry K	[signature]	2-2-09	
Perry K	[signature]	2-9-09	
Perry K	[signature]	2-23-09	
Perry K	[signature]	3-2-09	
Perry K	[signature]	3-9-09	
Perry K	[signature]	3-23-09	
Perry K	[signature]	4-6-09	
Perry K	[signature]	4-15-09	Closed.

Submit to Appropriate District Office
Five Copies
District I
1625 N French Dr , Hobbs, NM 88240
District II
1301 W Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd , 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

Form C-105
July 17, 2008

1. WELL API NO. 30-045-34666
2. Type Of Lease ☐ STATE ☐ FEE ☐ FED/INDIAN
3. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

4 Reason for filing:

☐ **COMPLETION REPORT** (Fill in boxes #1 through #31 for State and Fee wells only)

☒ **C-144 CLOSURE ATTACHMENT** (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19 15.17.13 K NMAC)

5. Lease Name or Unit Agreement Name: Phillips
6. Well Number: # 3F

9 Type of Completion
☐ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☒ OTHER pit closure

8 Name of Operator: Energen Resources Corporation
9 OGRID Number: 162928
10 Address of Operator: 2010 Afton Place, Farmington, NM 87401
11 Pool name or Wildcat: Basin Dakota

12 Location	Unit Letter	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface.										
BH:										

13. Date Spudded	14 Date T.D. Reached	15. Date Rig Released	16. Date Completed (Ready to Produce)	17. Elevations (DF & RKB, RT, GR, etc.)
		12/23/08		

18 Total Measured Depth of Well	19 Plug Back Measured Depth	20. Was Directional Survey Made	21 Type Electric and Other Logs Run

22 Producing Interval(s), of this completion - Top, Bottom, Name

23. **CASING RECORD** (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

26. Perforation record (interval, size, and number)

27. ACID, SHOT, FRACTURE, CEMENT, SQEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

28. **PRODUCTION**

Date First Production	Production Method *(Flowing, gas lift, pumping - Size and type pump)*	Well Status *(Prod or Shut-in)*

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl	Gas - Oil Ratio

Flow Tubing Press	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl	Gas - MCF	Water - Bbl.	Oil Gravity - API -*(Corr.)*

29 Disposition of Gas *(Sold, used for fuel, vented, etc.)*

30 Test Witnessed By

31. List Attachments

32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit

33 If an on-site burial was used at the well, report the exact location of the on-site burial.
Latitude 36.61250 Longitude 107.70070 NAD: 1927 X 1983

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature Vicki Donaghey Printed Name Vicki Donaghey Title Regulatory Analyst Date 07/02/09

E-mail address vdonaghe@energen.com

WELL NAME: Phillips #3F

SEEDING DATE: _____

RCVD DEC 16 '09

OIL CONS. DIV.

DIST. 3

Seeding will be deferred to BLM requirements per the BLM/OCD MOU.

PROOF OF DEED NOTICE

Notice is not required. Pit is not located on private land.

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

State of New Mexico
Energy, Minerals & Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised October 12, 2005

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-045-34666	71599	Basin Dakota

[4] Property Code	[5] Property Name	[6] Well Number
21360	Phillips	# 3F

[7] OGRID No.	[8] Operator Name	[9] Elevation
162928	Energen Resources Corporation	6379

[10] Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	32	28N	08W		425	South	1640	East	San Juan

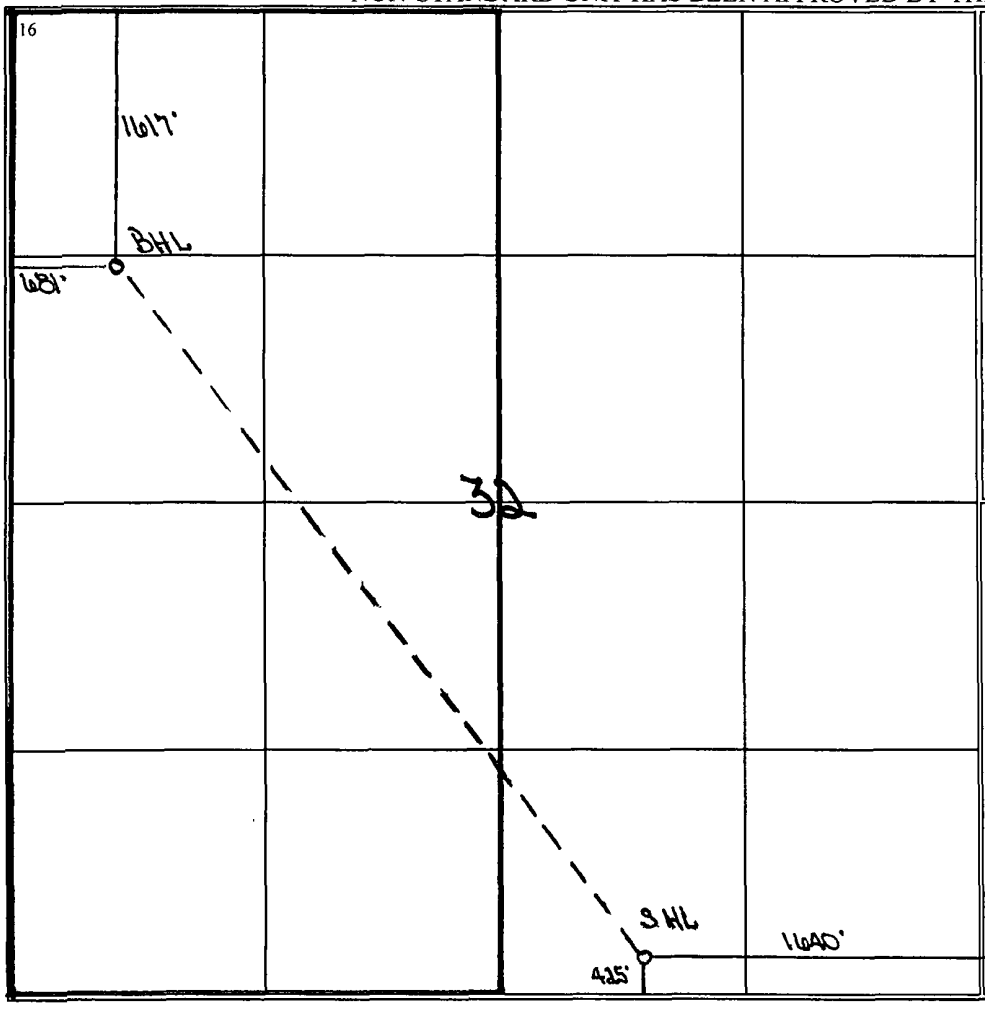
[11] Bottom Hole Location If Different From Surface

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	32	28N	08W		1617	north	681	West	San Juan

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
305.87			

RCVD DEC 16 '09
OIL CONS. DIV.
DIST. 3

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



[17] OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division

Vicki Donaghey 01/06/08
Signature Date

Vicki Donaghey
Printed Name

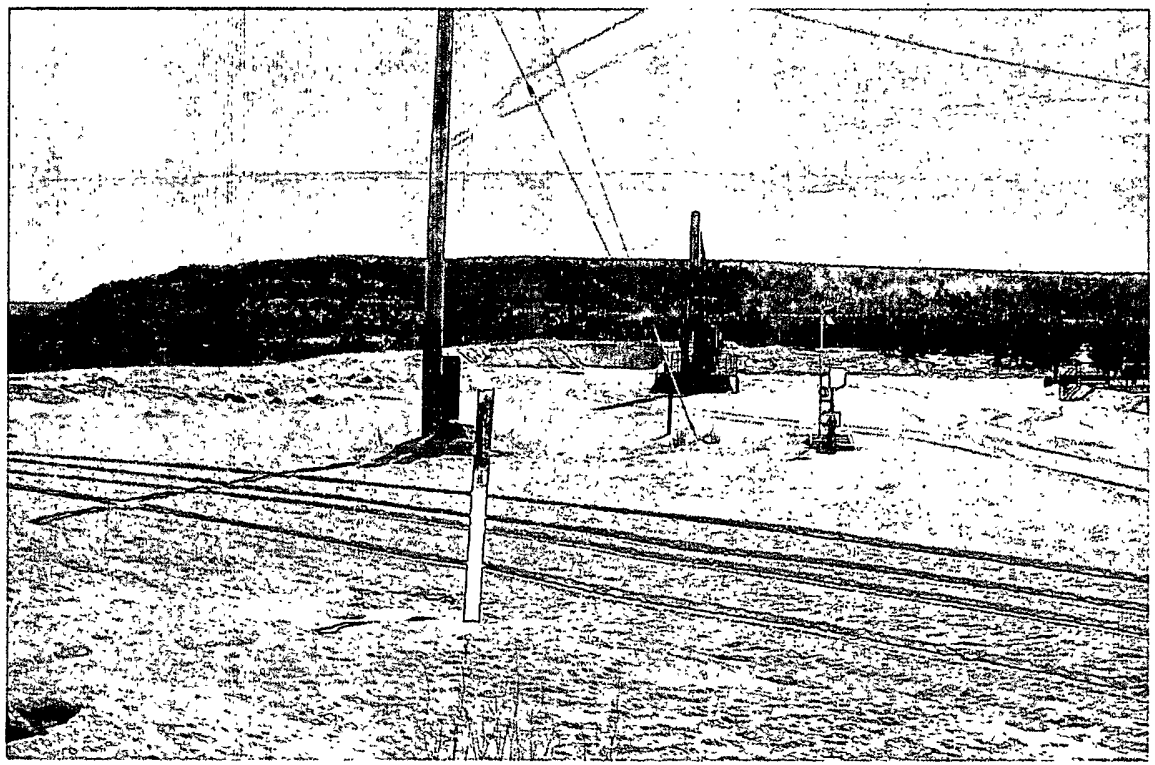
[18] SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief

August 6, 2007
Date of Survey

Signature and Seal of Professional Surveyer.
Original Survey Conducted and Recorded by: W. Benally

11952
Certificate Number



ENERGEN
RESOURCES
CORPORATION

PHILLIPS #3F
425' FSL 1640' FEL
UNIT O SEC 32 T28N R08W
LATITUDE 36.61238°
LONGITUDE -107.70088°
API # 30-045-34666 ELEV. 6379'
LEASE # NMNM 013363
SAN JUAN COUNTY, NEW MEXICO
BASIN DAKOTA

ENERGEN RESOURCES CORP
PHILLIPS #3F
LAT 36.61250
LONG 107.70070
PIT BURIAL MARKER