

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., 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
Revised June 6, 2013

For temporary pits, below-grade tanks, and multi-well fluid management pits, submit to the appropriate NMOCD District Office.
For permanent pits submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.

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

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

Instructions: Please submit one application (Form C-144) per individual pit, 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: Thompson Engineering and Production Corp. OGRID #: 37581

Address: 7415 E. Main St., Farmington, NM 87402

Facility or well name: Kinbeto 15 #3

API Number: 30-045-35411 OCD Permit Number: 10579

U/L or Qtr/Qtr K Section 15 Township 23N Range 10W County: San Juan

Center of Proposed Design: Latitude 36.22406 N Longitude 107.88753 NAD: ☐ 1927 ☒ 1983

Surface Owner: ☐ Federal ☐ State ☐ Private ☐ Tribal Trust or Indian Allotment

OIL CONS. DIV DIST. 3
AUG 13 2014

2.

☒ Pit: Subsection F, G or J of 19.15.17.11 NMAC

Temporary: ☒ Drilling ☐ Workover

☐ Permanent ☐ Emergency ☐ Cavitation ☐ P&A ☐ Multi-Well Fluid Management Low Chloride Drilling Fluid ☒ yes ☐ no

☒ Lined ☐ Unlined Liner type: Thickness 20 mil ☒ LLDPE ☐ HDPE ☐ PVC ☐ Other _____

☐ String-Reinforced

Liner Seams: ☒ Welded ☒ Factory ☐ Other _____ Volume: 6,000 bbl Dimensions: L 115' x W 50' x D 6'

3.

☐ Below-grade tank: Subsection I of 19.15.17.11 NMAC NA

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 ☐ HDPE ☐ PVC ☒ Other _____

4.

☐ Alternative Method:

Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

5.

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 _____

6.

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)

7.

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 19.15.16.8 NMAC

8.

Variances and Exceptions:

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

Please check a box if one or more of the following is requested, if not leave blank:

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

9.

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. Siting criteria does not apply to drying pads or above-grade tanks.*

General siting

Ground water is less than 25 feet below the bottom of a low chloride temporary pit or below-grade tank.

- ☐ NM Office of the State Engineer - iWATERS database search; ☐ USGS; ☐ Data obtained from nearby wells

☐ Yes ☐ No
☐ NA

Ground water is less than 50 feet below the bottom of a Temporary pit, permanent pit, or Multi-Well Fluid Management pit .

NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells

☐ Yes ☐ No
☐ NA

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. (**Does not apply to below grade tanks**)

- Written confirmation or verification from the municipality; Written approval obtained from the municipality

☐ Yes ☐ No

Within the area overlying a subsurface mine. (**Does not apply to below grade tanks**)

- Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division

☐ Yes ☐ No

Within an unstable area. (**Does not apply to below grade tanks**)

- 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. (**Does not apply to below grade tanks**)

- FEMA map

☐ Yes ☐ No

Below Grade Tanks

Within 100 feet of a continuously flowing watercourse, significant watercourse, lake bed, sinkhole, wetland or playa lake (measured from the ordinary high-water mark).

- Topographic map; Visual inspection (certification) of the proposed site

☐ Yes ☐ No

Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption;

- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site

☐ Yes ☐ No

Temporary Pit using Low Chloride Drilling Fluid (maximum chloride content 15,000 mg/liter)

Within 100 feet of a continuously flowing watercourse, or any other significant watercourse or within 200 feet of any lakebed,

<p>sinkhole, or playa lake (measured from the ordinary high-water mark). (Applies to low chloride temporary pits.)</p> <ul style="list-style-type: none"> - Topographic map; Visual inspection (certification) of the proposed site 	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>Within 300 feet from a occupied permanent residence, school, hospital, institution, or church in existence at the time of initial application.</p> <ul style="list-style-type: none"> - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image 	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>Within 200 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 300feet of any other fresh water well or spring, in existence at the time of the initial application.</p> <p>NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>Within 100 feet of a wetland.</p> <ul style="list-style-type: none"> - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site 	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p><u>Temporary Pit Non-low chloride drilling fluid</u></p>	
<p>Within 300 feet of a continuously flowing watercourse, or any other significant watercourse, or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark).</p> <ul style="list-style-type: none"> - Topographic map; Visual inspection (certification) of the proposed site 	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.</p> <ul style="list-style-type: none"> - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image 	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>Within 500 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 1000 feet of any other fresh water well or spring, in the existence at the time of the initial application;</p> <ul style="list-style-type: none"> - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site 	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>Within 300 feet of a wetland.</p> <ul style="list-style-type: none"> - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site 	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p><u>Permanent Pit or Multi-Well Fluid Management Pit</u></p>	
<p>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).</p> <ul style="list-style-type: none"> - Topographic map; Visual inspection (certification) of the proposed site 	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.</p> <ul style="list-style-type: none"> - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image 	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>Within 500 horizontal feet of a spring or a fresh water well used for domestic or stock watering purposes, in existence at the time of initial application.</p> <ul style="list-style-type: none"> - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site 	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>Within 500 feet of a wetland.</p> <ul style="list-style-type: none"> - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site 	<input type="checkbox"/> Yes <input type="checkbox"/> No

10.

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: _____

11. **Multi-Well Fluid Management Pit 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.

- ☐ 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
- ☐ A List of wells with approved application for permit to drill associated with the pit.
- ☐ 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
- ☐ Hydrogeologic Data - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC
- ☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- ☐ Previously Approved Design (attach copy of design) API Number: _____ or Permit Number: _____

12. **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 the appropriate requirements of 19.15.17.11 NMAC
- ☐ Quality Control/Quality Assurance Construction and Installation Plan
- ☐ 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

13. **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 ☐ Multi-well Fluid Management Pit
- ☐ 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

14. **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 C 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 H of 19.15.17.13 NMAC
- ☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

15. **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 require justifications and/or demonstrations of equivalency. Please refer to 19.15.17.10 NMAC for guidance.

- Ground water is less than 25 feet below the bottom of the buried waste.
- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells
- Ground water is between 25-50 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
- ☐ 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	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
Within 100 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	<input type="checkbox"/> Yes <input type="checkbox"/> 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	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within 300 horizontal feet of a private, domestic fresh water well or spring used for domestic or stock watering purposes, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site	<input type="checkbox"/> Yes <input type="checkbox"/> No
Written confirmation or verification from the municipality; Written approval obtained from the municipality	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within 300 feet of a wetland. US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	<input type="checkbox"/> Yes <input type="checkbox"/> 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	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within a 100-year floodplain. - FEMA map	<input type="checkbox"/> Yes <input type="checkbox"/> No

16.

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 E of 19.15.17.13 NMAC
☐ Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of Subsection K 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 19.15.17.13 NMAC
☐ Waste Material Sampling Plan - based upon the appropriate requirements 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 H of 19.15.17.13 NMAC
☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

17.

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: _____

18.

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

OCD Representative Signature: Jonathan D. Kelly Approval Date: 9/5/2014

Title: Compliance Officer OCD Permit Number: _____

19.

Closure Report (required within 60 days of closure completion): 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: 02/15/2012

20.

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.

21.

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 for private land only)
☒ 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 36.22406 N Longitude -107.88753 W NAD: ☐ 1927 ☒ 1983

22.

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): Paul C. Thompson Title: President

Signature:  Date: 06/08/14

e-mail address: paul@walsheng.net Telephone: (505) 327-4892



THOMPSON ENGINEERING &
PRODUCTION CORP.

Petroleum Engineering Consulting
Lease Management
Contract Pumping

7415 East Main
Farmington, New Mexico 87402
(505) 327-4892 • Fax: (505) 327-9834

August 11, 2013

CERTIFIED MAIL

Bureau of Land Management
Farmington Field Office
6251 College Blvd., Suite A
Farmington, NM 87402

Re: Thompson Engineering and Production Corp.
Kinbeto 15 #3 (30-045-35411)

To Whom It May Concern,

Thompson Engineering and Production Corp. is notifying you that they have buried the drill cuttings in the reserve pit. The cutting were tested according to NMOCD rules, (Subsection B of 19.15.17.13 (B) (1)(b) NMAC) and found to meet all of the criteria for on-site burial. No action is required on your part. If you have any questions, please don't hesitate to call me.

Sincerely,

Paul C. Thompson, P.E.
President

7013 1710 0001 6958 6407

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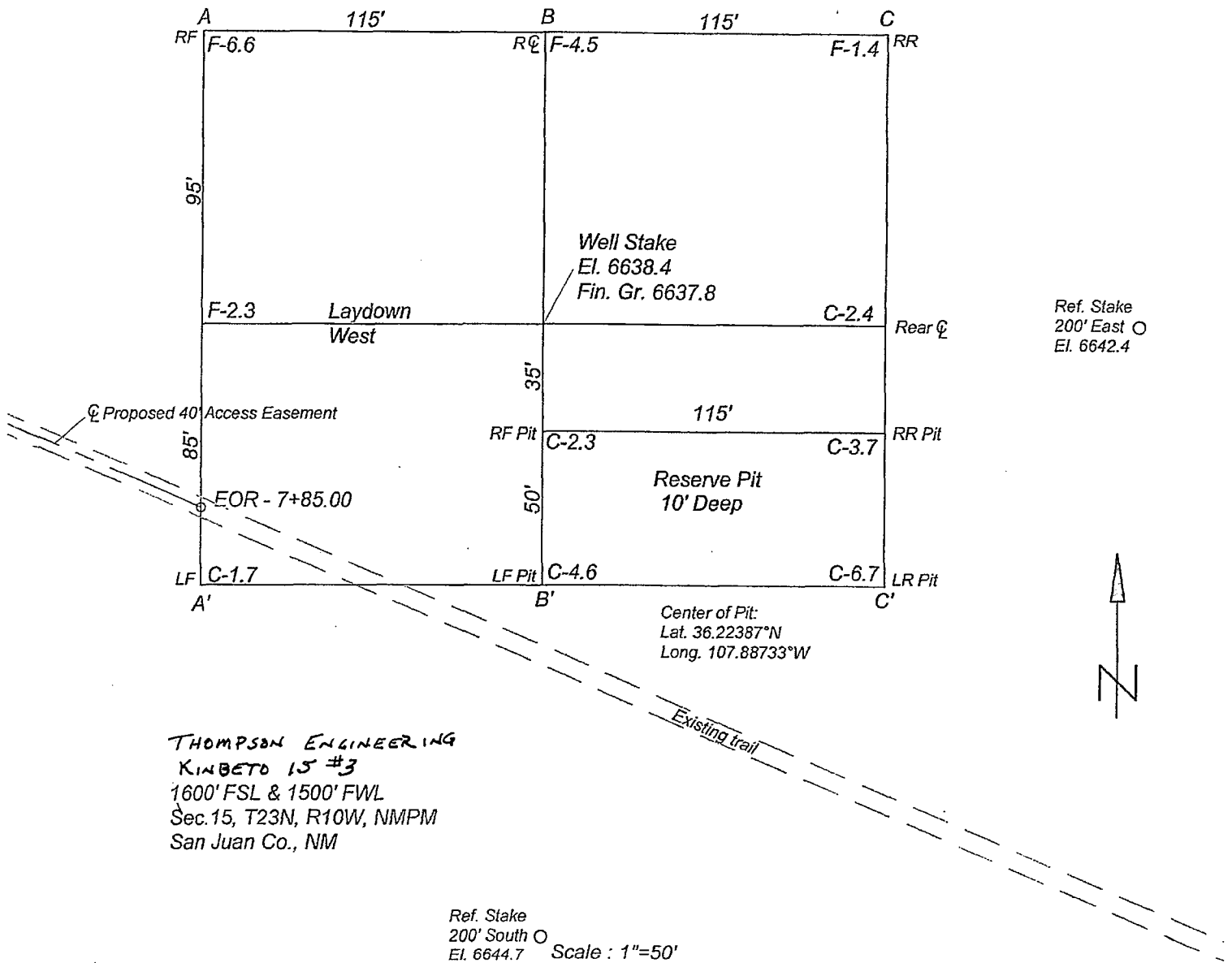
OFFICIAL USE

Postage	\$ 0.48 48
Certified Fee	330
Return Receipt Fee (Endorsement Required)	270
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 6.48

Postmark
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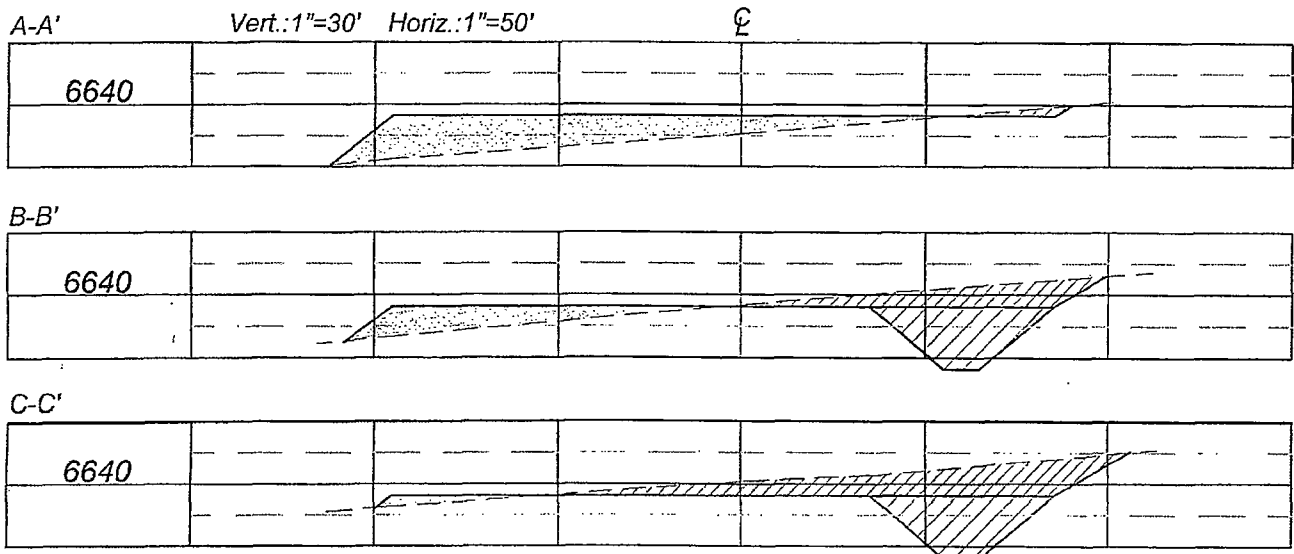
Sent To
 Bureau of Land Mgmt
 Street, Apt. No.: Farmington Field office
 or PO Box No. 6251 College Blvd. Suite A
 City, State, ZIP+4
 Farmington, NM 87402

PLAT #2



THOMPSON ENGINEERING
KIMBETO 15 #3
1600' FSL & 1500' FWL
Sec. 15, T23N, R10W, NMPPM
San Juan Co., NM

Ref. Stake
200' South O
El. 6644.7 Scale : 1"=50'



Report Summary

Client: Thompson Engineering

Chain of Custody Number: 15084

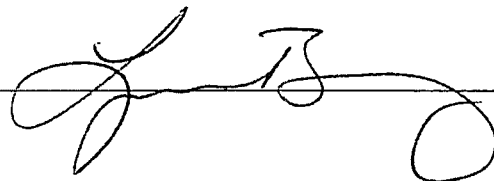
Samples Received: 01-24-13

Job Number: 07173-0001

Sample Number(s): 64131

Project Name/Location: Kinbeto 15 #3

Entire Report Reviewed By:



Date:

1/28/13

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.



EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Thompson Engineering	Project #:	07173-0001
Sample ID:	Kinbeto 15 #3	Date Reported:	01-25-13
Laboratory Number:	64131	Date Sampled:	01-23-13
Chain of Custody No:	15084	Date Received:	01-24-13
Sample Matrix:	Soil	Date Extracted:	01-24-13
Preservative:	Cool	Date Analyzed:	01-25-13
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	0.6	0.1
Total Petroleum Hydrocarbons	0.6	

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: **Kinbeto 15 #3**

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	0125TCAL QA/QC	Date Reported:	01-25-13
Laboratory Number:	64129	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	01-25-13
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept. Range
Gasoline Range C5 - C10	01-25-13	9.9960E+02	1.0000E+03	0.04%	0 - 15%
Diesel Range C10 - C28	01-25-13	9.9960E+02	1.0000E+03	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	

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	3,220	3,360	4.3%	0 - 30%
Diesel Range C10 - C28	3,030	3,270	7.9%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	3,220	250	3,430	98.9%	75 - 125%
Diesel Range C10 - C28	3,030	250	3,420	104%	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 64129-64133



Client:	Thompson Engineering	Project #:	07173-0001
Sample ID:	Kinbeto 15 #3	Date Reported:	01-28-13
Laboratory Number:	64131	Date Sampled:	01-23-13
Chain of Custody:	15083	Date Received:	01-24-13
Sample Matrix:	Soil	Date Analyzed:	01-25-13
Preservative:	Cool	Date Extracted:	01-24-13
Condition:	Intact	Analysis Requested:	BTEX
		Dilution:	50

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	10.0
Toluene	ND	10.0
Ethylbenzene	ND	10.0
p,m-Xylene	ND	10.0
o-Xylene	ND	10.0
Total BTEX	ND	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	91.2 %
	1,4-difluorobenzene	90.5 %
	Bromochlorobenzene	93.9 %

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: Kinbeto 15 #3

Client:	N/A	Project #:	N/A
Sample ID:	0125BCAL QA/QC	Date Reported:	01-25-13
Laboratory Number:	64130	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	01-25-13
Condition:	N/A	Analysis:	BTEX
		Dilution:	50

Calibration and Detection Limits (ug/L)	I-Cal RF	C-Cal RF	%Diff	Blank Conc	Detect Limit
	Accept Range 0-15%				
Benzene	1.5084E-05	1.5084E-05	0.000	ND	0.2
Toluene	1.6509E-05	1.6509E-05	0.000	ND	0.2
Ethylbenzene	1.8556E-05	1.8556E-05	0.000	ND	0.2
p,m-Xylene	1.6264E-05	1.6264E-05	0.000	ND	0.2
o-Xylene	1.9215E-05	1.9215E-05	0.000	ND	0.2

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	ND	ND	0.00	0 - 30%	10
Toluene	ND	ND	0.00	0 - 30%	10
Ethylbenzene	ND	ND	0.00	0 - 30%	10
p,m-Xylene	ND	ND	0.00	0 - 30%	10
o-Xylene	ND	ND	0.00	0 - 30%	10

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	2500	2400	96.0	39 - 150
Toluene	ND	2500	2390	95.6	46 - 148
Ethylbenzene	ND	2500	2400	96.0	32 - 160
p,m-Xylene	ND	5000	4790	95.8	46 - 148
o-Xylene	ND	2500	2420	96.8	46 - 148

ND - Parameter not detected at the stated detection limit.

Dilution: Spike and spiked sample concentration represent a dilution proportional to sample dilution.

*Note Duplicate outside acceptable limits

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 64130-64133.



Chloride

Client:	Thompson Engineering	Project #:	07173-0001
Sample ID:	Kinbeto 15 #3	Date Reported:	01-28-13
Lab ID#:	64131	Date Sampled:	01-23-13
Sample Matrix:	Soil	Date Received:	01-24-13
Preservative:	Cool	Date Analyzed:	01-25-13
Condition:	Intact	Chain of Custody:	15084

Parameter	Concentration (mg/Kg)
-----------	-----------------------

Total Chloride

50

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: **Kinbeto 15 #3**

CHAIN OF CUSTODY RECORD

15084


Client: <i>THOMPSON ENGINEERING</i>			Project Name / Location: <i>KINBETO 15 #3</i>			ANALYSIS / PARAMETERS													
Email results to: <i>PAUL@KIALSHENG.NET</i>			Sampler Name: <i>PAUL THOMPSON</i>			TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE			Sample Cool	Sample Intact
Client Phone No.: <i>327-4892</i>			Client No.: <i>07173-0001</i>																
Sample No./ Identification	Sample Date	Sample Time	Lab No.	No./Volume of Containers	Preservative														
					HgCl ₂	HCl													
<i>KINBETO 15 #3</i>	<i>1/23/13</i>	<i>1 PM</i>	<i>64131</i>					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
			<i>P301053-01A</i>																
Relinquished by: (Signature) <i>Paul C. Thompson</i>				Date <i>1/24/13</i>	Time <i>1:15</i>	Received by: (Signature) <i>[Signature]</i>				Date <i>1/24/13</i>	Time <i>1:20</i>								
Relinquished by: (Signature)						Received by: (Signature) <i>[Signature]</i>													
Sample Matrix																			
Soil <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Sludge <input type="checkbox"/> Aqueous <input type="checkbox"/> Other <input type="checkbox"/>																			

☐ Sample(s) dropped off after hours to secure drop off area.



CHAIN OF CUSTODY RECORD

14676

Client: THOMPSON ENGINEERING			Project Name / Location: # KINBETO 16 #3			ANALYSIS / PARAMETERS														
Email results to: PAUL@WALSHENG.NET			Sampler Name: PAUL THOMPSON			TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE			Sample Cool	Sample Intact	
Client Phone No.: 327-4892			Client No.: 07173-0001																	
Sample No./ Identification	Sample Date	Sample Time	Lab No.	No./Volume of Containers	Preservative															
					HgCl ₂	HCl														
Kinbeto 16 #3	11/16/12	1400	P211051-01A 63725	1-4oz				X	X						X	X			X	X
Relinquished by: (Signature) Paul C. Thompson					Date 11/16/12	Time 3:40 PM	Received by: (Signature) [Signature]										Date 11/16/12	Time 3:40 PM		
Relinquished by: (Signature)							Received by: (Signature)													
Sample Matrix Soil <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Sludge <input type="checkbox"/> Aqueous <input type="checkbox"/> Other <input type="checkbox"/>																				
<input type="checkbox"/> Sample(s) dropped off after hours to secure drop off area.																				
																				
5795 US Highway 64 • Farmington, NM 87401 • 505-632-0615 • Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301 • laboratory@envirotech-inc.com																				

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

DEC 07 2012

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

Pa

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Thompson Engineering and Production Corp.

3a. Address

7415 E. Main, Farmington, NM, 87402

3b. Phone No. (include area code)

505-327-4892

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1600' FSL & 1500' FWL, Section 15, T23N, R10W

5. Lease Serial No.

NMNM 109403

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

Kinbeto 15 #3

9. API Well No.

30-045-35411

10. Field and Pool, or Exploratory Area

Basin Fruitland Coal

11. County or Parish, State

San Juan

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Production
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Casing & Cement
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

11/29/12 TD 7-7/8" production hole at 1085' KB. Ran 27 jts (1080.82') of 5-1/2", 15.5#, J-55, LT&C new casing and set at 1085' KB Cement with 100 sx (206 cu.ft.) of CI "G" with 2% SMS and 1/8 pps polyflake and 75 sx (89 cu.ft.) of CI "G" with 1/8 pps polyflake. Displaced the plug with 25.3 bbls of water and down at 1630 hrs 11/29/12. Bumped the plug to 1500 psi - floats held OK. Circulated 11 bbls of cement to surface. Set the slips with 14,000#. Released the rig and prepared to move.
Note: Cored interval from 856 to 912'. Took three coal samples for analysis.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Paul C. Thompson, P.E.

Title

President

Signature

Paul C. Thompson

Date

December 6, 2012

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

OPERATOR

FEB 06 2013

FIELD OFFICE

William Tambelon

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

JAN 25 2013

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an old well. Use Form 3160-3 (APD) for such proposals and management.

SUBMIT IN TRIPLICATE – Other instructions on reverse side

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM 109403
2. Name of Operator Thompson Engineering and Production Corp.		6. If Indian, Allottee or Tribe Name
3a. Address 7415 E. Main, Farmington, NM, 87402	3b. Phone No. (include area code) 505-327-4892	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1600' FSL & 1500' FWL, Section 15, T23N, R10W		8. Well Name and No. Kinbeto 15 #3
		9. API Well No. 30-045-35411
		10. Field and Pool, or Exploratory Area Basin Fruitland Coal
		11. County or Parish, State San Juan

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Spud & Surface Casing
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once Testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

11/12/12 Spud 12-1/4" surface hole. Drilled to 135'. Ran 3 jts (126.05') of 8-5/8", 24#, J-55, ST&C new casing and set at 132' KB. Cmt. with 95 sx (112 cu.ft.) of CI "G" with 2% CaCl2 and 1/4 pps polyflake. Circulated 5 bbls of cement to surface. NU BOP and pressure tested the BOP and choke manifold to 250 psi low and 1,000 psi high for 30 min. - held OK. SD until after Thanksgiving holiday.

ACCEPTED FOR RECORD

FEB 06 2013

FARMINGTON FIELD OFFICE
BY William Tambelkou

14. I hereby certify that the foregoing is true and correct	
Name (Printed/Typed) Paul C. Thompson, P.E.	Title President
Signature <i>Paul C. Thompson</i>	Date November 16, 2012

THIS SPACE FOR FEDERAL OR STATE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office

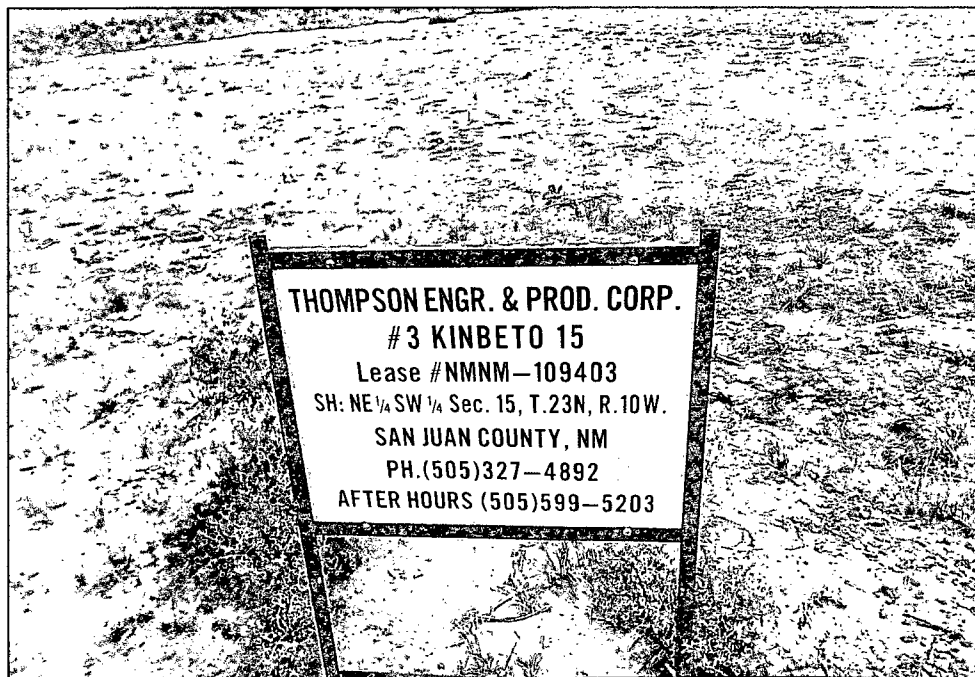
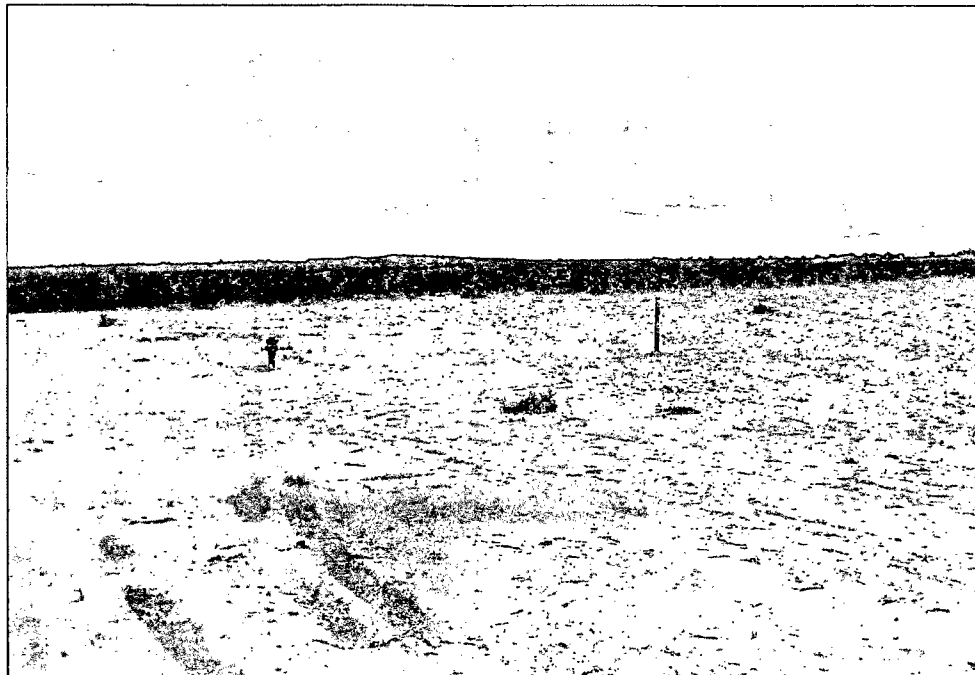
Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

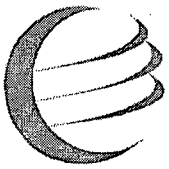
OPERATOR

**Thompson Engineering and Production Company
Pit Closure Activities
Kinbeto 15 #3**

Closure Activities:

- 1 The free standing liquids in the pit were allowed to evaporate.
- 2 A five point composite sample was taken of the pit using sampling tools and all samples tested per Subsection B of 19.15.17.13(B)(1)(b). The samples were mixed with native soils in a 3:1 ratio. The resultant sample was tested by Envirotech Analytical Laboratory and the results are attached.
- 3 Detrick Services performed the reclamation activities on this location. They think they called the OCD Aztec office prior to starting the clean-up activities but they were not able to provide any documentation. Written documentation (or confirming emails) will be requested in the future.
- 4 Pit contents were mixed with native soils in order to achieve the solidification process. The mixing ratio did not exceed 3 parts clean soil to 1 part pit contents. After mixing the contents were determined to be safe and stable.
- 5 The temporary pit liner was removed above "mud level" after stabilization. The part of the liner that was removed was disposed of at the Waste Management landfill on Crouch Mesa.
- 6 After the solidification and testing, the pit area was backfilled with compacted, non-waste containing, earthen material with a minimum of four feet of cover. The top foot of cover was the top soil that was stock-piled during the construction of the pit.
- 7 The pit area and cut and fill slopes were re-contoured to match fit, shape, line, form and texture of the surrounding area. Drainage ditches were cut above the cut slope to prevent ponding and erosion.
- 8 Thompson Engineering and Production seeded the re-claimed areas in May of 2013 using a disc-less drill tool. Seeding was accomplished on the contour using a BLM stipulated seed mixture consisting of Western wheatgrass, Indian ricegrass, Slender wheatgrass, Crested wheatgrass, bottlebrush squirreltail, and four-wing saltbush with an 80% purity rating. A total of 26# of bulk seed was used on this location.
- 9 A 4" diameter steel marker was installed in the center of the temporary pit. The marker contained the following information: Operator Name, Lease Name, Well Name and Number, unit Number, Section, Township, Range and an indicator that the marker is an onsite burial location





envirotech

Analytical Laboratory

Analytical Report

Report Summary

Client: Thompson Engineering

Chain Of Custody Number: 17372

Samples Received: 8/27/2014 1:27:00PM

Job Number: 07173-0001

Work Order: P408118

Project Name/Location: Kinbeto 15 #3

Entire Report Reviewed By:

Date: 9/3/14

Tim Cain, Laboratory Manager

RCVD SEP 5 '14

OIL CONS. DIV.

DIST. 3

The results in this report apply to the samples submitted to Envirotech's Analytical Laboratory and were analyzed in accordance with the chain of custody document supplied by you, the client, and as such are for your exclusive use only. The results in this report are based on the sample as received unless otherwise noted. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. If you have any questions regarding this analytical report, please don't hesitate to contact Envirotech's Laboratory Staff.



Thompson Engineering
7415 E. Main St
Farmington NM, 87402

Project Name: Kinbeto 15 #3
Project Number: 07173-0001
Project Manager: Paul Thompson

Reported:
03-Sep-14 18:16

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Kinbeto 15 #3	P408118-01A	Soil	08/26/14	08/27/14	Glass Jar, 4 oz.

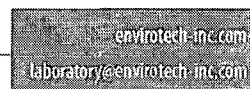
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5796 US Highway 64, Farmington, NM 87401

Three Springs - 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (505) 632-0615 Fx (505) 632-1865

Ph (970) 259-0615 Fr (800) 362-1879





Thompson Engineering
7415 E. Main St
Farmington NM, 87402

Project Name: Kinbeto 15 #3
Project Number: 07173-0001
Project Manager: Paul Thompson

Reported:
03-Sep-14 18:16

Kinbeto 15 #3
P408118-01 (Solid)

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Total Petroleum Hydrocarbons by 418.1										
Total Petroleum Hydrocarbons	453	34.8	mg/kg	1	1436012	09/02/14	09/02/14	EPA 418.1		

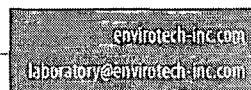
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Thompson Engineering
7415 E. Main St
Farmington NM, 87402

Project Name: Kinbeto 15 #3
Project Number: 07173-0001
Project Manager: Paul Thompson

Reported:
03-Sep-14 18:16

Total Petroleum Hydrocarbons by 418.1 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch 1436012 - 418 Freon Extraction

Blank (1436012-BLK1)

Prepared & Analyzed: 02-Sep-14

Total Petroleum Hydrocarbons ND 34.9 mg/kg

Duplicate (1436012-DUP1)

Source: P408118-01

Prepared & Analyzed: 02-Sep-14

Total Petroleum Hydrocarbons 424 35.0 mg/kg 453 6.72 30

Matrix Spike (1436012-MS1)

Source: P408118-01

Prepared & Analyzed: 02-Sep-14

Total Petroleum Hydrocarbons 2080 34.9 mg/kg 2020 453 80.9 80-120

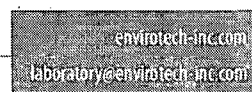
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Ph (970) 259-0615 Fr (800) 362-1879





Thompson Engineering
7415 E. Main St
Farmington NM, 87402

Project Name: Kinbeto 15 #3
Project Number: 07173-0001
Project Manager: Paul Thompson

Reported:
03-Sep-14 18:16

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference

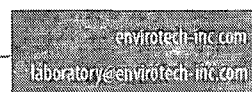
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Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (970) 259-0615 Fr (800) 362-1879



CHAIN OF CUSTODY RECORD

17372

Client: THOMPSON ENGINEERING			Project Name / Location: KINBETO 15 #3			ANALYSIS / PARAMETERS														
Email results to: PAUL.C.WALSHENG.NET			Sampler Name: PAUL THOMPSON			TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE			Sample Cool	Sample Intact	
Client Phone No.: 505-327-4892			Client No.: 07173-0001																	
Sample No. / Identification	Sample Date	Sample Time	Lab No.	No./Volume of Containers	Preservative															
					HNO ₃	HCl														
KINBETO 15 #3	8/26/14	3:PM	P408118-01	1-402										X					N	Y
Relinquished by: (Signature) Paul C. Thompson					Date 8/27/14	Time 1327	Received by: (Signature) <i>[Signature]</i>					Date 8/27/14	Time 1327							
Relinquished by: (Signature)							Received by: (Signature)													
Sample Matrix Soil <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Sludge <input type="checkbox"/> Aqueous <input type="checkbox"/> Other <input type="checkbox"/>																				
<input type="checkbox"/> Sample(s) dropped off after hours to secure drop off area.																				



envirotech
Analytical Laboratory

25.6

Thompson Engineering and Production Corp

Temporary Reserve Pit Inspection Form

Well Name: Kinbeto 15 #3

Date	Liner Intact	Freeboard	Approximate Free Liquid	Checked By	Notes:
12/6/2012	Yes	5'	2'	JC	
12/13/2014	Yes	7'	0'	JC	Detrick pulled water to AugaMoss
1/10/2013	Yes	7'	0'	JC	Pit is dry

[illegible]

[illegible]

[illegible][illegible][illegible][illegible][illegible]

TIME LOG		ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO			
7:00	7:30	1/2	1	1. Section 100-110 ft. 11/20 ft.
7:30	8:15	3/4	4	2. Section 110-120 ft. 11/20 ft.
8:15	11:45	3	8	3. Section 120-150 ft. 11/20 ft.
11:15	12:00	7/4	6	4. Section 150-160 ft. 11/20 ft.
1:00	2:00	1	4	5. Section 160-170 ft. 11/20 ft.
2:00	3:45	1 1/2	6	6. Section 170-180 ft. 11/20 ft.
3:30	4:15	3/4	6	7. Section 180-190 ft. 11/20 ft.
4:15	5:15	1	3	8. Section 190-200 ft. 11/20 ft.
5:15	5:30	1/4	5	9. Section 200-210 ft. 11/20 ft.
5:30	5:45	1/4	6	10. Section 210-220 ft. 11/20 ft.
5:45	6:15	1/2	21	11. Section 220-230 ft. 11/20 ft.
				12. Section 230-240 ft. 11/20 ft.

CUMULATIVE
WEAR OR TRIF

[illegible]

TIME LOG		ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO			
7:00	7:30	1/2	7	Start work on 500-2, Main
7:30	7:45	1/4	6	TRIP 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100
7:45	11:00	3 1/4	2	Working on 1025 to 821
11:00	11:30	1/2	1	Work on 1025
11:30	11:45	1/4	2	Work on 1025
11:45	12:30	3/4	5	Work on 1025
12:30	1:30	1	6	TRIP 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100
1:30	1:45	1/4	8	Work on 1025
1:45	5:00	1/2	3	TRIP 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100
5:00	5:30	1/2	1	Work on 1025
				pit liners ok - Free board 5'

SINCE LAST CUT

CUMULATIVE
WEAR OR TRIP[illegible][illegible][illegible][illegible][illegible][illegible]

[illegible]