<u>District I</u> 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

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.
Operator: WHITING OIL & GAS CORPORATION OGRID #: 25078
Address: 400 W ILLINOIS STE 1300 MIDLAND, TEXAS 79701
Facility or well name: WHITE COOK 1828 05 WELL # 1
API Number: 30-021-20680 OCD Permit Number: 195211
U/L or Qtr/Qtr G Section 05 Township 18N Range 28E County: HARDING COUNTY
Center of Proposed Design: Latitude 35.8187974 Longitude -103.9863111 NAD: ▼1927 □ 1983
Surface Owner: Federal State Private Tribal Trust or Indian Allotment
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: Thicknessmil LLDPE HDPE PVC Other
String-Reinforced
Liner Seams: Welded Factory Other Volume: bbl Dimensions: L x W x D
3.
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: Thicknessmil
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)	
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	
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 accumaterial are provided below. Siting criteria does not apply to drying pads or above-grade tanks.	eptable source
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
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
Femporary 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, sinkhole, or playa lake (measured from the ordinary high-water mark). (Applies to low chloride temporary pits.) - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet from a occupied permanent residence, school, hospital, institution, or church in existence at the time of initial application.	☐ Yes ☐ No
- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	
Within 200 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock vatering purposes, or 300feet of any other fresh water well or spring, in existence at the time of the initial application. NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No

Within 100 foot of a within I	
 Within 100 feet of a wetland. US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site 	☐ Yes ☐ No
Temporary Pit Non-low chloride drilling fluid	
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). - 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 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; - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Permanent Pit or Multi-Well Fluid Management Pit	
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 1000 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 spring or a fresh water well used for domestic or stock watering purposes, 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 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
10.	
Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9 No Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the document attached.	MAC uments are
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 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 19.1 and 19.15.17.13 NMAC	
Previously Approved Design (attach copy of design) API Number: or Permit Number:	
II. Multi Wall Fluid Management Pit Charlet C. C. L. C. D. Cto La La C. D. Cto La C.	
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 docu-	and the second
utacnea.	imenis are
□ 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 Boyes 14 through 18, if applicable), 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 19.1 and 19.15.17.13 NMAC	5.17.9 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 attached.	e documents are
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 H ₂ S, 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	
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 Multi-well Malternative 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	Fluid Management Pit
Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be 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	
is. 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 sou provided below. Requests regarding changes to certain siting criteria require justifications and/or demonstrations of equivalency. In 19.15.17.10 NMAC for guidance.	rce material are Please refer to
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	Yes No
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
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 100 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, lakebed, sinkhole, or playa ake (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 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	☐ Yes ☐ No
Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No
Within 300 feet of a wetland. JS Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Vithin 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 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	
Within a 100-year floodplain.	Yes No
- FEMA map	Yes No
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan of 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. Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.13 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 cann 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	.11 NMAC 15.17.11 NMAC
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 believes.	ief.
Name (Print): Title:	
Signature: Date:	***************************************
e-mail address:	
18. OCD Approval: Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment)	/ /
OCD Approval: Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment) OCD Representative Signature: Approval Date:	/ /
OCD Approval: Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment)	/ /
OCD Approval: Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment) OCD Representative Signature: Approval Date:	the closure report.
OCD Approval: Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment) OCD Representative Signature: Approval Date: OCD Permit Number: 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 is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not section of the form until an approved closure plan has been obtained and the closure activities have been completed.	the closure report.

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): KAY MADDOX Title: REGULATORY SUPERVISOR

Signature:

Date: 06/11/2015

e-mail address: KAY.MADDOX@WHITING.COM Telephone: 432.686.6709

WHITING OIL AND GAS CORPORATION PIT CLOSURE REPORT

WHITE-COOK 1828 05 Well #1 API NO 30-021-20680

1) The pit will be closed within six (6) months from the date that the drilling or workover rig is released. If necessary, the division district office may grant an extension not to exceed three (3) months.

The Drlg rig was released 01/24/2015 after drilling this well

2) Surface Owners will be notified by Certified mail at least 72 hours but not more than one week prior to closure of the Temporary pit. The notice shall include well name, API number and location.

Reference attached notification

3) The Appropriate Division District Office (OCD) will be notified verbally and in writing at least 72 hours but not more than one week prior to closure of the Temporary pit. The notice shall include well name, API number and location.

NMOCD was notified via email - reference attached copy of email

4) If on site burial is on PRIVATE LAND, Whiting will file a deed notice identifying the exact location of the onsite burial with the county clerk in county where onsite burial occurs

Certified Recorded Deed Notice attached

5) All liquids from the pit will be removed prior to closure. Liquids will be disposed of at the Sundance Services, Inc. Parabo Disposal Facility (Permit No. 010003), unless they are recycled, reused, or reclaimed in a division district office-approved manner.

Liquids from pit evaporated, no removal was required.

6) The pit will be stabilized with clean non-waste containing earthen material with a ratio no more then 3:1

Pit was stabilized with non-waste containing earthen material in order to achieve the solidification process. The solidification process was accomplished by using a combination of natural drying and Mechanically mixing. Pit contents were mixed with non-waste, earthen material to a consistency that is deemed safe and stable. The mixing ratio consisted of approximately 3 parts clean soil to 1 part pit contents.

- 7) After stabilization, the contents of the pit will be tested to determine whether concentrations are below standards. A five-point composite sample will be collected. The samples will be sent to an approved laboratory and analyzed for benzene, total BTEX, TPH, the GRO and DRO combined fraction, and chlorides. <u>Assuming water could be encountered around 100'</u>, the following should not be exceeded:
 - Chlorides (ads determined by EPA method 300.1): 40,000 mg/kg or background concentration, whichever is greater
 - TPH (EPA SW-846 method 418.a or other division-approved EPA method): 2500 mg/kg.
 - GRO and DRO combined fraction (EPA SW-846 method 8015M): 1000 mg/kg.
 - BTEX (EPA SW-846 method 8021B or 8260B or other approved EPA method): 50 mg/kg
 - Benzene (EPA SW-846 method 8021B or 8260B or other approved EPA method): 10 mg/kg

A five point composite sample was taken of the pit using sample tools and all samples tested per Subsection B of 19.15.17.1 3(B)(1)(b) results attached.

8) If the contents are above the concentration limits after stabilization Whiting will comply with 19.15.17.13.C (Waste Excavation and Removal)

Not necessary

- 9) If it is determined that contents of the pit doesn't exceed the above-specified concentrations, the pit will be covered with compacted, non-waste-containing, earthen material. A division-prescribed soil cover will be constructed and the site will be recontoured and re-vegetated, per Subsections D, E, F, G, H, of 19.15.17.13 NMAC The pit material passed solidification and testing standards. The pit area was then
- back filled with compacted, non-waste containing earthen material.

 10) All areas associated with the pit that are no longer being used will be substantially

restored to the condition that existed prior to oil and gas operations by placement of the soil cover re-contouring to match original contours and surrounding topography, and revegetating.

This was done - please see attached pictures

11) If an alternative to the re-vegetation requirements is required to prevent erosion, protect fresh water, or protect human health and the environment, this alternative will be proposed to the surface owner. The proposed alternative, with written documentation demonstrating that the surface owner approves the alternative, will be submitted to the division for approval.

No alternative is required

- 12) Soil cover will consist of 4' of non-waste containing earthen material with chloride concentrations less than 600mg/KG including 1' of topsoil
 - Four feet of non-waste earthen cover was achieved including one foot of suitable material to establish vegetation.
- 13) All contents, including synthetic pit liners, will be buried in place. By folding outer edges of the pit liner to overlap waste material, and then installing a geomembrane liner cover that is 20 mil string reinforced LLDPE, synthetic material, impervious, resistant to ultra violet light, petroleum hydrocarbons, salts, acid and alkaline.

These was done including placing a 20 mil LLDPE liner cover

14) Soil cover will be constructed to the site's existing grade and will prevent ponding of water and erosion of the cover material.

This was done - reference attached photos

15) The first favorable growing season following pit closure, all disturbed areas associated with the pit and no longer being used will be seeded or planted.

This area will be re-seeded during the next growing season in this area – reference attached letter

16) Seeding will be accomplished by drilling on the contour whenever practical, or by other division-approved methods. Vegetative cover will be considered complete when there is a life form ratio of +/- 50% of pre-disturbance levels with at least 70% total plant cover of pre-disturbance level (Excluding Noxious Weeds) OR in accordance to 19.15.17.13.H.5.d

This will be done during the next growing season in this area

17) Seeding or planting will be repeated until the required vegetative cover is successfully achieved.

Whiting will comply

18) When conditions aren't favorable for the establishment of vegetation (such as during periods of drought), the division will be contacted for approval to delay seeding or planting, or forapproval to use additional cultural techniques such as mulching, fertilizing, irrigating, fencing, etc.

Attached letter

19) The division will be notified when seeding or planting is completed, and when successful re-vegetation has been achieved.

Whiting will comply

20) Place a steel marker at the center of the onsite burial. The marker shall be 4" diameter, at least 4' high and cemented 3' deep. The following will be welded, stamped or otherwise permanently engraved into the marker; operator name, lease name, well number and location, unit letter, section, township, range, and that the marker designates an onsite burial

Reference attached pictures

21) Within 60 days of closure, completion, a closure report will be submitted on form C-144, with necessary attachments, to document closure activities, including sampling results, a plot plan, and backfilling details. In this closure report, Whiting will certify that all information in the report and attachments is correct and that Whiting has complied with all applicable closure requirements and conditions specified in the approved Closure Plan. A plat of the temporary pit location will be provided on form C-105.



May 27, 2015

Glenna Lou Rierson & Nelda Ann Burson 1123 South Fourth St Tucumcari, NM 88401

RE: Notification to Surface Owner of On-Site Drilling Pit Closure Plan Wells: WHITE-COOK 1828 05 Well # 1 API NO 30-021-20680 T18N, R28E, Section 5, Unit Lttr G 2300' FNL & 1700' FEL Harding County, NM

Whiting Oil & Gas proposes to close the temporary drilling pit and remediate the surface land according to all rules and regulations noted in Subsection E of 19.15.17.13 NMAC on June 2, 2015.

If you have any additional question please contact Kay Maddox @ 432.686.6709.

Regulatory Supervisor

Mailed by Pertified mail to above listed party on this the 27th day of May, 2015

Maddox- Regulatory Supervisor

7011-3500-0002-4991-1915
Certified Mail Number

Certified Mail Number

Kay Maddox

From:

Kay Maddox

Sent:

Wednesday, May 27, 2015 3:40 PM

To:

Lowe, Leonard, EMNRD (Leonard.Lowe@state.nm.us)

Subject:

4 Pit Closure Notifications - weather permitting

Whiting proposes to close the following drilling pits -

Will close June 1, 2015
AK GEE 1928 30 Well # 1 API NO 30-021-20678
T19N, R28E, Section 30, Unit Ltr G 1650' FNL & 1650' FEL
Harding County, NM

Will close June 2, 2015

WHITE-COOK 1828 05 Well # 1 API NO 30-021-20680 T18N, R28E, Section 5, Unit Ltr G 2300' FNL & 1700' FEL Harding County, NM

Will close June 8, 2015
DECATUR 1927 24 Well # 1 API NO 30-021-20679
T19N, R27E, Section 24, Unit Ltr G 1692' FNL & 2317' FEL
Harding County, NM

Will close June 9, 2015 GALVESTON 2028 30 Well #1 30-021-20662 T20N, R28E, Section 30 Unit Ltr K 1700' FSL 1700' FWL Harding County, NM

Kay Maddox

Regulatory Supervisor
Whiting Petroleum Corporation
and its wholly owned subsidiary
Whiting Oil and Gas Corporation
400 West Illinois Avenue, Suite 1300
Midland, TX 79701
Direct (432) 686-6709
Cell (432) 638-8475
kay.maddox@whiting.com

www.whiting.com

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COUNTY OF HARDING

NOTICE OF PIT CLOSURE

In accordance with Section 19.15.17.13.E.4 of the NMOCD , the operator hereby provides notice of an on-site burial of a temporary Oil & Gas drilling pit. All rules and regulations of Rule 19.15.17 have been adhered to.

Lease name:

WHITE COOK 1828 05

Well No:

1

API No:

30-021-20680

TWN & RGE:

TWN 18N RGE 28E Section 05

Unit Letter:

G

Footages:

2300' FNL & 1700' FEL

Date of Closure:

06/02/2015

IN WITNESS WHEREOF, the recordation notice of Pit Closure/burial has been executed on the date indicated below by undersigned.

Whiting Petroleum Corporation And its wholly owned subsidiary Whiting Oil & Gas/Corporation

Kay Maddox - Regulatory Supervisor

HARDING COUNTY, NM DOCUMENT# 20150059 06/12/15 01:48:13 PM

1 of 1

BY CJ Garrison

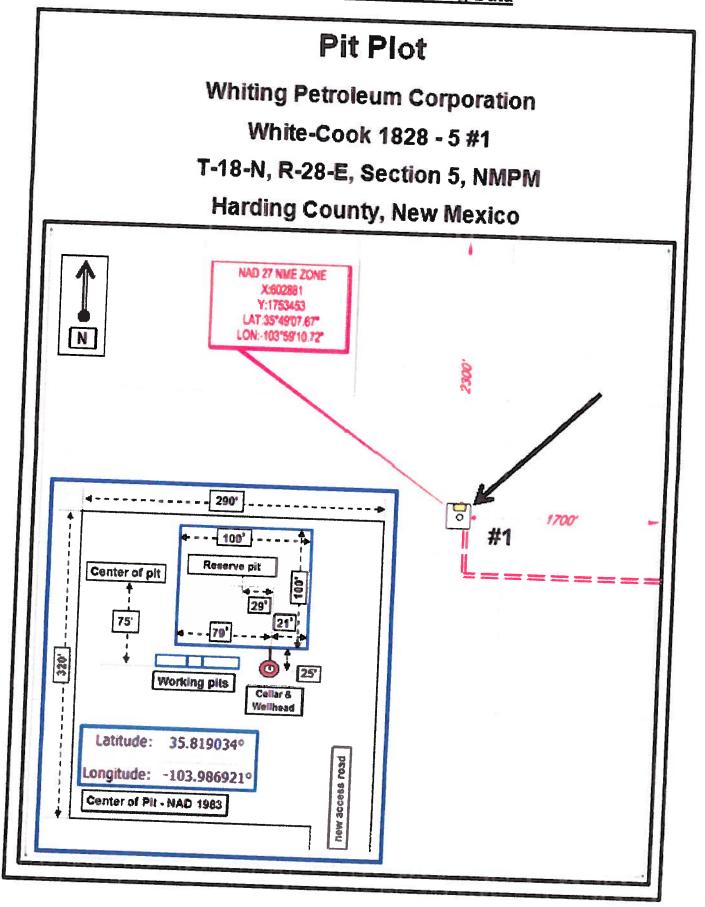
STATE OF TEXAS
COUNTY OF MIDLAND

This instrument was acknowledged before me this 5TH day of JUNE, 2015, by

Kay Maddox on behalf of Whiting Oil & Gas Corporation.

Sheila Shanks
Notary Public,
State of Texas
Expires: 04/21/2019

Notary Public





April 07, 2015

ROBERT MCNAUGHTON
WHITING OIL & GAS
400 W. ILLINOIS, SUITE 1300
MIDLAND, TX 79701

RE: WEST BRAVO DOME

White-Cook 1828 - 05 #1

Enclosed are the results of analyses for samples received by the laboratory on 03/26/15 11:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Total Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)

Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2 Regulated VOCs and Total Trihalomethanes (TTHM)

Method EPA 552.2 Total Haloacetic Acids (HAA-5)

Celeg D. Keene

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



WHITING OIL & GAS

400 W. ILLINOIS, SUITE 1300 MIDLAND TX, 79701 Project: WEST BRAVO DOME

Project Number: NONE GIVEN

Project Manager: ROBERT MCNAUGHTON

Fax To: NONE

Reported: 07-Apr-15 11:58

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GALVESTON 2028 # 291	H500809-01	Soil	25-Mar-15 13:10	26-Mar-15 11:50
LEWIS 2028 # 261	H500809-02	Soil	25-Mar-15 13:40	26-Mar-15 11:50
DECATUR 1927 # 241	H500809-03	Soil	25-Mar-15 14:05	26-Mar-15 11:50
DOROTEO 1927-15 #3	H500809-04	Soil	25-Mar-15 14:40	26-Mar-15 11:50
AK GEE 1928 # 301	H500809-05	Soil	25-Mar-15 15:15	26-Mar-15 11:50
WHITE-COOK 1828-05 #1	H500809-06	Soil	25-Mar-15 15:45	26-Mar-15 11:50

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Celeg D. Keine



WHITING OIL & GAS 400 W. ILLINOIS, SUITE 1300 MIDLAND TX, 79701

Project: WEST BRAVO DOME

Project Number: NONE GIVEN

Reported: 07-Apr-15 11:58

Project Manager: ROBERT MCNAUGHTON

Fax To: NONE

GALVESTON 2028 # 291 H500809-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	464		16.0	mg/kg	4	5032615	AP	27-Mar-15	4500-CI-B	
Organic Compounds										
TPH 418.1	599		100	mg/kg	10	5040701	СК	07-Apr-15	418.1	
Volatile Organic Compounds by EPA M	lethod 8021							100 Miles		
Benzene*	ND		0.050	mg/kg	50	5032707	ms	28-Mar-15	8021B	
Toluene*	ND		0.050	mg/kg	50	5032707	ms	28-Mar-15	8021B	
Ethylbenzene*	ND		0.050	mg/kg	50	5032707	ms	28-Mar-15	8021B	
Total Xylenes*	ND		0.150	mg/kg	50	5032707	ms	28-Mar-15	8021B	
Total BTEX	ND		0.300	mg/kg	50	5032707	ms	28-Mar-15	8021B	
Surrogate: 4-Bromofluoropenzene (PID)			104%	61-1	54	5032707	ms	28-Mar-15	8021B	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10	ND		10.0	mg/kg	1	5032612	MS	26-Mar-15	90150	
DRO >C10-C28	14.3		10.0	mg/kg	1	5032612	MS	26-Mar-15	8015B 8015B	
Surrogate: 1-Chlorooctane			107 %	47. 2 -	157	5032612	MS			
Surrogate: 1-Chlorooctadecane			108 %	52.1-		5032612	MS	26-Mar-15 26-Mar-15	8015B 8015B	

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WHITING OIL & GAS 400 W. ILLINOIS, SUITE 1300 Project: WEST BRAVO DOME

Reported: 07-Apr-15 11:58

Project Number: NONE GIVEN MIDLAND TX, 79701

Project Manager: ROBERT MCNAUGHTON

Fax To: NONE

LEWIS 2028 # 261 H500809-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laboraı	tories					
Inorganic Compounds										
Chloride	1440		16.0	mg/kg	4	5032615	AP	27-Mar-15	4500-CI-B	
Organic Compounds										
TPH 418.1	2320		100	mg/kg	10	5040701	CK	07-Apr-15	418.1	 -
Volatile Organic Compounds by EPA	Method 8021							5.5		
Benzene*	ND		0.050	mg/kg	50	5032707	ms	28-Mar-15	8021B	
Toluene*	ND		0.050	mg/kg	50	5032707	ms	28-Mar-15	8021B	
Ethylbenzene*	ND		0.050	mg/kg	50	5032707	ms	28-Mar-15	8021B	
Total Xylenes*	ND		0.150	mg/kg	50	5032707	ms	28-Mar-15	8021B	
Total BTEX	ND		0.300	mg/kg	5 0	5032707	ms	28-Mar-15	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			104%	61-1	154	5032707	ms	28-Mar-15	8021B	
Petroleum Hydrocarbons by GC FID)									
GRO C6-C10	ND		10.0	mg/kg	1	5032612	MS	26-Mar-15	8015B	
DRO >C10-C28	18.8		10.0	mg/kg	1	5032612	MS	26-Mar-15	8015B	
Surrogate: 1-Chlorooctane			117 %	47.2-	157	5032612	MS	26-Mar-15	8015B	
Surrogate: 1-Chlorooctadecane			115%	52.1-	100	5032612	MS	26-Mar-15 26-Mar-15	8 015 B	

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Celay Ditama



WHITING OIL & GAS 400 W. ILLINOIS, SUITE 1300 MIDLAND TX, 79701

Project: WEST BRAVO DOME

Project Number: NONE GIVEN

Project Manager: ROBERT MCNAUGHTON

Fax To: NONE

Reported:

07-Apr-15 11:58

DECATUR 1927 # 241

H500809-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Labora	tories					
Inorganic Compounds										
Chloride	1120		16.0	mg/kg	4	5032615	AP	27-Mar-15	4500-CI-B	
Organic Compounds										
TPH 418.1	1440		100	mg/kg	10	5040701	CK	07-Apr-15	418.1	
Volatile Organic Compounds by EPA	Method 8021							17941 - 60		
Benzene*	ND		0.050	mg/kg	50	5032708	ms	28-Mar-15	8021B	
Toluene*	ND		0.050	mg/kg	50	5032708	ms	28-Mar-15		
Ethylbenzene*	ND		0.050	mg/kg	50	5032708	ms	28-Mar-15	8021B	
Total Xylenes*	ND		0.150	mg/kg	50	5032708	ms	28-Mar-15	8021B	
Total BTEX	ND		0.300	mg/kg	50	5032708	ms	28-Mar-15	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			108 %	61-1		5032708	ms	28-Mar-15	8021B 8021B	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10	ND		10.0	mg/kg	.1	5032612	MS	26-Mar-15	nor en	
DRO >C10-C28	41.0		10.0	mg/kg	1	5032612	MS	26-Mar-15	8015B 8015B	
Surrogate: 1-Chlorooctane			112%	47.2-	157	5032612	MS			
Surrogate: 1-Chlorooctadecane			120 %	52.1=		5032612	MS	26-Mar-15 26-Mar-15	8015B 8015B	

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Celley T. France



WHITING OIL & GAS 400 W. ILLINOIS, SUITE 1300 MIDLAND TX, 79701 Project: WEST BRAVO DOME

Reported:

07-Apr-15 11:58

Project Number: NONE GIVEN

EDT MONAUCUTON

Project Manager: ROBERT MCNAUGHTON

Fax To: NONE

DOROTEO 1927-15 #3

H500809-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories		-			
Inorganic Compounds										
Chloride	784		16.0	mg/kg	4	5032615	AP	27-Mar-15	4500-CI-B	
Organic Compounds										
TPH 418.1	2660		100	mg/kg	10	5040701	CK	07-Apr-15	418.1	_
Volatile Organic Compounds by EP.	A Method 8021									
Benzene*	ND		0.050	mg/kg	50	5032708	ms	28-Mar-15	8021B	
Toluene*	ND		0.050	mg/kg	50	5032708	ms	28-Mar-15	8021B	
Ethylbenzene*	ND		0.050	mg/kg	50	5032708	ms	28-Mar-15	8021B	
Total Xylenes*	ND		0.150	mg/kg	50	5032708	ms	28-Mar-15	8021B	
Total BTEX	ND		0.300	mg/kg	50	5 032 7 08	ms	28-Mar-15	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			109 %	61	154	5032708	ms	28-Mar-15	8021B	
Petroleum Hydrocarbons by GC FII)									
GRO C6-C10	ND		10.0	mg/kg	1	5032612	MS	26-Mar-15	8015B	
DRO >C10-C28	33.9		10.0	mg/kg	1	5032612	MS	26-Mar-15	8015B	
Surrogate: 1-Chlorooctane			115%	47.2-	157	5032612	MS	26-Mar-15	8 01 5B	
Surrogate: 1-Chlorooctadecane			120 %	52.1-	-176	5032612	MS	26-Mar-15	8 01 5B	

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WHITING OIL & GAS 400 W. ILLINOIS, SUITE 1300 MIDLAND TX, 79701

Project: WEST BRAVO DOME

Reported:

Project Number: NONE GIVEN

Project Manager: ROBERT MCNAUGHTON

07-Apr-15 11:58

Fax To: NONE

AK GEE 1928 # 301 H500809-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories	· -			-	
Inorganic Compounds										
Chloride	880		16.0	mg/kg	4	5032615	AP	27-Mar-15	4500-CI-B	
Organic Compounds										
TPH 418.1	933		100	mg/kg	10	5040701	СК	07-Apr-15	418.1	
Volatile Organic Compounds by EP	<u> Method 8</u> 021							•		
Benzene*	ND		0.050	mg/kg	50	5032708	ms	28-Mar-15	8021B	
Toluene*	ND		0.050	mg/kg	50	5032708	ms	28-Mar-15	8021B	
Ethylbenzene*	ND		0.050	mg/kg	50	5032708	ms	28-Mar-15	8021B	
Total Xylenes*	ND		0.150	mg/kg	50	5032708	ms	28-Mar-15	8021B	
Total BTEX	ND		0.300	mg/kg	50	5032708	ms	28-Mar-15	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			104%	61-1	54	5032708	ms	28-Mar-15	8021B	
Petroleum Hydrocarbons by GC FIE	<u> </u>									
GRO C6-C10	ND		10.0	mg/kg	1	5032612	MS	26-Mar-15	8015B	-
DRO >C10-C28	11.2		10.0	mg/kg	1	5032612	MS	26-Mar-15	8015B	
Surrogate: 1-Chlorooctane			112 %	47.2-	157	5032612	MS	26-Mar-15	8015B	
Surrogate: 1-Chlorooctadecane			113 %	52.1-		5032612	MS	26-Mar-15	8 01 5B	

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WHITING OIL & GAS 400 W. ILLINOIS, SUITE 1300 MIDLAND TX, 79701 Project: WEST BRAVO DOME

Reported: 07-Apr-15 11:58

Project Number: NONE GIVEN

Project Manager: ROBERT MCNAUGHTON

Fax To: NONE

WHITE-COOK 1828-05 #1

H500809-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	il Laborai	tories					
Inorganic Compounds										
Chloride	736		16,0	mg/kg	4	5032615	AP	27-Mar-15	4500-C1-B	
Organic Compounds										
TPH 418.1	1730		100	mg/kg	10	5040701	CK	07-Apr-15	418.1	
Volatile Organic Compounds by EPA	A Method 8021									
Benzene*	ND		0.050	mg/kg	50	5032708	ms	28-Mar-15	802 B	-
Toluene*	ND		0.050	mg/kg	50	5032708	ms	28-Mar-15	8021B	
Ethylbenzene*	ND		0.050	mg/kg	50	5032708	ms	28-Mar-15	8021B	
Total Xylenes*	ND		0.150	mg/kg	50	5032708	ms	28-Mar-15	8021B	
Total BTEX	ND		0.300	mg/kg	50	5032708	ms	28-Mar-15	8021B	
Surrogate: 4-Bromofluerobenzene (PID)			106 %	61-1	154	5032708	ms	28-Mar-15	8021B	
Petroleum Hydrocarbons by GC FIE)									
GRO C6-C10	ND		10.0	mg/kg	1	5032612	MS	26-Mar-15	8015B	 -
DRO >C10-C28	42.0		10,0	mg/kg	1	5032612	MS	26-Mar-15	8015B	
Surrogate: 1-Chlorooctane			113 %	47.2-	157	5032612	MS	26-Mar-15	8015B	
Surrogate: 1-Chlorooctadecane			117 %	52.1-	176	5032612	MS	26-Mar-15	8015B	

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Celeg L. Kuna



WHITING OIL & GAS 400 W. ILLINOIS, SUITE 1300 MIDLAND TX, 79701 Project: WEST BRAVO DOME Project Number: NONE GIVEN

Project Manager: ROBERT MCNAUGHTON

Fax To: NONE

Reported: 07-Apr-15 11:58

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC	RPD	RPD Limit	Notes
Batch 5032615 - 1:4 DI Water						- 000000	STEEL ST		0.0000.000	1000
Blank (5032615-BLK1)				Prepared &	Analyzed	26-Mar-15				
Chloride	ND	16.0	mg/kg	. repared ex	Titling zed.	20-14141-13				
LCS (5032615-BS1)				Prepared &	Analyzed:	26-Mar-15				
Chloride	416	16.0	mg/kg	400	·	104	80-120			
LCS Dup (5032615-BSD1)				Prepared &	Analyzed:	26-Mar-15				
Chloride	432	16,0	mg/kg	400	,,	108	80-120	3.77	20	

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WHITING OIL & GAS 400 W. ILLINOIS, SUITE 1300 MIDLAND TX, 79701 Project: WEST BRAVO DOME

Project Number: NONE GIVEN

Project Manager: ROBERT MCNAUGHTON

Fax To: NONE

Reported: 07-Apr-15 11:58

Organic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5040701 - Solvent Extraction										
Blank (5040701-BLK1)			· ·	Prepared &	: Analyzed:	07-Apr-15		-	· <u></u>	
TPH 418,1	ND	100	mg/kg							
LCS (5040701-BS1)				Prepared &	Analyzed:	07-Apr-15				
TPH 418.1	4400	100	mg/kg	5000		87.9	70-130			
LCS Dup (5040701-BSD1)				Prepared &	Analyzed:	07-Apr-15				
TPH 418.1	4400	100	mg/kg	5000		88.1	70-130	0.205	20	

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WHITING OIL & GAS 400 W. ILLINOIS, SUITE 1300 MIDLAND TX, 79701

Project: WEST BRAVO DOME

07-Apr-15 11:58

Reported:

Project Number: NONE GIVEN

Project Manager: ROBERT MCNAUGHTON

Fax To: NONE

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Ethylbenzene ND 0.050 mg/kg Total Xylenes ND 0.150 mg/kg Total STEX ND 0.300 mg/kg Total STEX ND 0.300 mg/kg Total STEX ND 0.0522 mg/kg 0.0500 104 61-154 LCS (\$032707-BS1) Prepared: 27-Mar-15 Analyzed: 28-Mar-15 Ethylbenzene 1.95 0.050 mg/kg 2.00 97.4 67-114 Ethylbenzene 1.95 0.050 mg/kg 2.00 96.7 63.5-121 Total Xylenes 5.90 0.150 mg/kg 6.00 98.3 62.4-125 Surrogate: 4-Bromofluorobenzene (PID) 0.0491 mg/kg 6.00 98.3 62.4-125 Surrogate: 4-Bromofluorobenzene (PID) 0.0491 mg/kg 0.0500 mg/kg 2.00 97.6 67-114 0.627 16.4 Ethylbenzene 2.17 0.050 mg/kg 2.00 109 77.1-114 CCS Dup (\$032707-BSD1) Prepared: 27-Mar-15 Analyzed: 28-Mar-15 Ethylbenzene 2.17 0.050 mg/kg 2.00 96.9 63.5-121 0.226 17. Folial Xylenes 5.88 0.150 mg/kg 2.00 96.9 63.5-121 0.226 17. Folial Xylenes 5.88 0.150 mg/kg 6.00 98.1 62.4-125 0.279 17. Foregate: 4-Bromofluorobenzene (PID) 0.0487 mg/kg 6.00 98.1 62.4-125 0.279 17. Foregate: 4-Bromofluorobenzene (PID) 0.0487 mg/kg 6.00 98.1 62.4-125 0.279 17. Foregate: 4-Bromofluorobenzene (PID) 0.0487 mg/kg 6.00 98.1 62.4-125 0.279 17. Foregate: 4-Bromofluorobenzene (PID) 0.0487 mg/kg 6.00 98.1 62.4-125 0.279 17. Foregate: 4-Bromofluorobenzene (PID) 0.0487 mg/kg 6.00 98.1 62.4-125 0.279 17. Foregate: 4-Bromofluorobenzene (PID) 0.0487 mg/kg 6.00 98.1 62.4-125 0.279 17. Foregate: 4-Bromofluorobenzene (PID) 0.0487 mg/kg 6.00 98.1 62.4-125 0.279 17. Foregate: 4-Bromofluorobenzene (PID) 0.0487 mg/kg 6.00 98.1 62.4-125 0.279 17. Foregate: 4-Bromofluorobenzene (PID) 0.0487 mg/kg 6.00 mg/kg 6.00 98.1 62.4-125 0.279 17. Foregate: 4-Bromofluorobenzene (PID) 0.0487 mg/kg 6.00 mg/kg 6.00 98.1 62.4-125 0.279 17. Foregate: 4-Bromofluorobenzene (PID) 0.0487 mg/kg 6.00 mg/kg 6.00 0.050 m	Notes	RPD Limit	RPD	%REC Limits	%REC	Source Result	Spike Level	Units	Reporting Limit	Result	Analyte
Benizere ND 0.050 mg/kg Elephylenizere Prepared 27-Mar-15 Analyzed 28-Mar-15 Elephylenizere Prepared 27-Mar-15 Analyzed 28-Mar-15 Elephylenizere Prepared											Batch 5032707 - Volatiles
Benzene ND 0.050 mg/kg				28-Mar-15	nalvzed	7-Mar-15 A	Prepared 2				Blank (5032707-BLK1)
Ethylbenzene ND 0.050 mg/kg 104 61-154 104 154 104				- O 17144 15	y Dea.			mg/kg	0.050	ND	Benzene
Total Xylenes ND								mg/kg	0.050	ND	Toluene
Total BTEX ND 0.300 mg/kg 0.0500 104 61-154								mg/kg	0.050	ND	Ethylbenzene
Surrogate: 4-Bromofluorobenzene (PID) 0.0522 mg/kg 0.0500 101 61-154								mg/kg	0.150	ND	Total Xylenes
Prepared: 27-Mar-15 Analyzed: 28-Mar-15									0.300	ND	Total BTEX
Perizene 2.16 0.050 mg/kg 2.00 108 77.1-114				61-154	104		0.0500	mg/kg		0.0522	Surrogate: 4-Bromofluorobenzene (PID)
Between 2.16 0.050 mg/kg 2.00 108 77.1-114				28-Mar-15	nalvzed: 2	7-Mar-15 A	Prepared: 2				LCS (5032707-BS1)
Toluene 1.95 0.050 mg/kg 2.00 97.4 67-114 Ethylbenzene 1.93 0.050 mg/kg 2.00 96.7 63.5-121 Total Xylenes 5.90 0.150 mg/kg 6.00 98.3 62.4-125 Surrogate: 4-Bromofluorobenzene (PID) 0.0491 mg/kg 0.0500 98.2 61-154 LCS Dup (5032707-BSD1) Benzene 2.17 0.050 mg/kg 2.00 109 77.1-114 0.627 16.4 Foluene 1.95 0.050 mg/kg 2.00 97.6 67-114 0.219 16.2 Ethylbenzene 1.94 0.050 mg/kg 2.00 96.9 63.5-121 0.226 17 Fotal Xylenes 5.88 0.150 mg/kg 6.00 98.1 62.4-125 0.279 17 Surrogate: 4-Bromofluorobenzene (PID) 0.0487 mg/kg 0.0500 97.3 61-154 Batch 5032708 - Volatiles Blank (5032708-BLK1) Prepared: 27-Mar-15 Analyzed: 28-Mar-15 Benzene ND 0.050 mg/kg 0.0500 97.3 61-154 Benzene ND 0.050 mg/kg 0.0500 97.3 61-154 Benzene ND 0.050 mg/kg 0.0500 mg/kg 0.0500 97.3 61-154								mg/kg	0.050	2.16	Benzene
1.93							2.00	mg/kg	0.050	1,95	Toluene
Total Xylenes 5.90							2.00	mg/kg	0.050	1.93	Ethylbenzene
Prepared: 27-Mar-15 Analyzed: 28-Mar-15							6.00	mg/kg	0.150	5.90	Total Xylenes
Senzene 2.17 0.050 mg/kg 2.00 109 77.1-114 0.627 16.4				61-154	98.2		0.0500	mg/kg		0.0491	Surrogate: 4-Bromofluorobenzene (PID)
Senzene 2.17 0.050 mg/kg 2.00 109 77.1-114 0.627 16.4				28-Mar-15	nalyzed: 2	7-Маг-15 А з	Prepared: 27				LCS Dup (5032707-BSD1)
Toluene		16.4	0.627					mg/kg	0.050	2.17	Benzene
1.94							2.00	mg/kg	0.050	1.95	Foluene
Total Xylenes 5.88 0.150 mg/kg 6.00 98.1 62.4-125 0.279 17							2.00	mg/kg	0.050	1.94	Ethylhenzene
Blank (5032708 - Volatiles Prepared: 27-Mar-15 Analyzed: 28-Mar-15							6.00	mg/kg	0.150	5.88	Total Xylenes
Prepared: 27-Mar-15 Analyzed: 28-Mar-15				61-154	97.3		0.0500	mg/kg		0.0487	Surrogate: 4-Bromofluorobenzene (PID)
ND											Batch 5032708 - Volatiles
Denzene				8-Mar-15	nalvzed 2	-Mar-15 Ar	Prepared: 27				Blank (5032708-BLK1)
following ND 0.050 mg/kg citylbenzene ND 0.050 mg/kg cotal Xylenes ND 0.150 mg/kg cotal BTEX ND 0.300 mg/kg					J 2001 2		F	mg/kg	0.050	ND	Benzene
ND									0.050	ND	oluene
otal Xylenes ND 0.150 mg/kg otal BTEX ND 0.300 mg/kg									0.050	ND	thylbenzene
otal BTEX ND 0.300 mg/kg									0.150	ND	otal Xylenes
urrogate: 4-Bromofluorobenzene (PID) 0.0543 mg/kg 0.0500 109 61-151									0.300	ND	otal BTEX
				61-154	109		0.0500	mg/kg		0.0543	urrogate: 4-Bromofluorobenzene (PID)

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Colony to trains



WHITING OIL & GAS 400 W. ILLINOIS, SUITE 1300 MIDLAND TX, 79701

Project: WEST BRAVO DOME

Reported: 07-Apr-15 11:58

Project Number: NONE GIVEN

Project Manager: ROBERT MCNAUGHTON

Fax To: NONE

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%RFC	%REC Limits	RPD	RPD Limit	Notes
Batch 5032708 - Volatiles						· .,.			=-	
LCS (5032708-BS1)				Prepared: 2	27-Mar-15 A	Analyzed: 2	28-Mar-15	_		
Benzene	2,22	0.050	mg/kg	2.00		111	77.1-114			
Toluene	2.00	0.050	mg/kg	2.00		100	67-114			
Ethylbenzene	2.01	0.050	mg/kg	2.00		100	63.5-121			
Total Xylenes	6.16	0.150	mg/kg	6.00		103	62.4-125			
Surrogate: 4-Bromofluorobenzene (P1D)	0.0507		mg/kg	0.0500		101	61-154			
LCS Dup (5032708-BSD1)				Prepared: 2	7-Mar-15 A	nalyzed: 2	8-Mar-15			
Benzene	2.22	0.050	ing/kg	2.00		111	77.1-114	0.0622	16.4	
Toluene	2,00	0.050	mg/kg	2.00		99.8	67-114	0.364	16.2	
Ethylbenzene	1.99	0.050	mg/kg	2.00		99.7	63.5-121	0.691	17	
Total Xylenes	6.12	0.150	mg/kg	6,00		102	62.4-125	0.570	17	
Surrogate: 4-Bromofluorobenzene (PID)	0.0506		mg/kg	0.0500		101	61-154		20	

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Celley T. Karne



WHITING OIL & GAS 400 W. ILLINOIS, SUITE 1300 MIDLAND TX, 79701

Project: WEST BRAVO DOME

Project Number: NONE GIVEN

Reported: 07-Apr-15 11:58

Project Manager: ROBERT MCNAUGHTON

Fax To: NONE

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5032612 - General Prep - Organics										
Blank (5032612-BLK1)	· · · · · · · · · · · · · · · · · · ·			Prepared &	: Analyzed:	26-Mar-1				
GRO C6-C10	ND	10.0	mg/kg	pia va ca		Zo-iviai-1	,			
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C35	ND	10.0	mg/kg							
Total TPH C6-C28	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	54.0		mg/kg	50,0		108	47.2-157			
Surrogate: 1-Chlorooctadecane	51.9		mg/kg	50.0		104	52.1-176			
LCS (5032612-BS1)				Dranorad o.	Analyses	36 N/ · ·				
GRO C6-C10	208	10.0	mg/kg	Prepared &	Analyzed:		V.35			
DRO >C10-C28	210	10.0	mg/kg mg/kg	200		104	72.5-115			
Total TPH C6-C28	418	10.0	mg/kg	400		105 105	81.3-118 80-113			
Surrogate: 1-Chlorooctane	56.0		mg/kg	50.0		711				
Surrogate: 1-Chlorooctadecane	50.9		mg/kg	50.0		112 102	47.2-157 52.1-176			
LCS Dup (5032612-BSD1)			-	Prepared &	Analus de a					
GRO C6-C10	210	10.0	mg/kg	200	Analyzed: 4			W2-2-1-1-1		
DRO >C10-C28	210	10.0	mg/kg mg/kg			105	72.5-115	0.792	10.1	
Total TPH C6-C28	420	10.0	mg/kg mg/kg	200		105	81,3-118	0.116	15.3	
Surrogate: 1-Chlorooctane		10.0		400		105	80-113	0.453	12.1	
urrogate: 1-Chlorooctadecane	56.5		mg/kg	50.0		113	47.2-157			
птодие. 1-Спотооснавесане	50.3		mg/kg	50.0		101	52.1-176			

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Celley T. France



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Colony T. Kana



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

Company Name: Whiting Oil & Gas	BILL TO	ANALYSIS REQUEST
Project Manager: Kobest Me Naughton	P.O. #:	
Address: 400 W. Tilinas, Suite 1300	Company: White of sta	
City: Midland State: Tx zi2970/	Attn: Gwy Ballock	
Phone #: 806-471-5628 Fax #:	Address: 400 W. T. 1300	
Project #: Project Owner:	City: Midland	
Project Name: West Braws Downe	State: Tx Zip: 7976/	
Project Location: Holding Co. NM	Phone #:	
Sampler Name: Danny Holcomb		
TER	80 418	
TAINE NDWA EWATE	ASE. DOL	
-	OTHER ACID/B. ICE / CC OTHER TA	C
Galves	1 3/25/2 1	
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7/
5 AK Gec 194 4301 CT	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
6 White-Cook 1828-05#1 C1	1 345m / V	
PLEASE NOTE: Unbilly and Disnages. Continut's leasiny and client's exclusive remark for any date making shallow blood in contract or bot, shall be limited to the amount paid by the client for the analysis. All cliens including from for engigence and any other cause whethere shall be described unless made in writing and received by Carding with 30 dates after contraction of the association in an account of the contraction of the association in an account of the contraction of the association in a contraction of the contraction of the contraction in a contraction of the contract	or lort, shall be limited to the amount paid by the closel for the amount of the embedding within 30 days after commission of the embedding	

0.70

Sample Condition
Cool Intact
Tyes Tyes
No No

CHECKED BY:

Received By:

Phone Result: Fax Result: REMARKS:

☐ Yes X.No Add'! Phone #:

Empilesults to:

diholcomb 75 ognoil. com

Kay . maddox & whiting . com

Sampler - UPS - Bus - Other:

Delivered By: (Circle One)



June 11, 2015

Mr. Leonard Lowe New Mexico Oil Conservation Division 1220 S. St. Francis Dr Santa Fe, NM 87505

RE: Pit Closure

Dear Mr. Lowe,

Whiting Oil & Gas shall re-seed the disturbed Pit area for the well listed below. The re-seeding shall occur in the next rainy season documented for Harding County, New Mexico approximately August/September 2015.

If you have additional question please contact me @ 432.686.6709 or kay.maddox@whiting.com Thank you for your time.

Sincerely

Kay Maddox

Regulatory Supervisor

WHITE COOK 1828 05 Well # 1 30-021-20680 Harding County, New Mexico

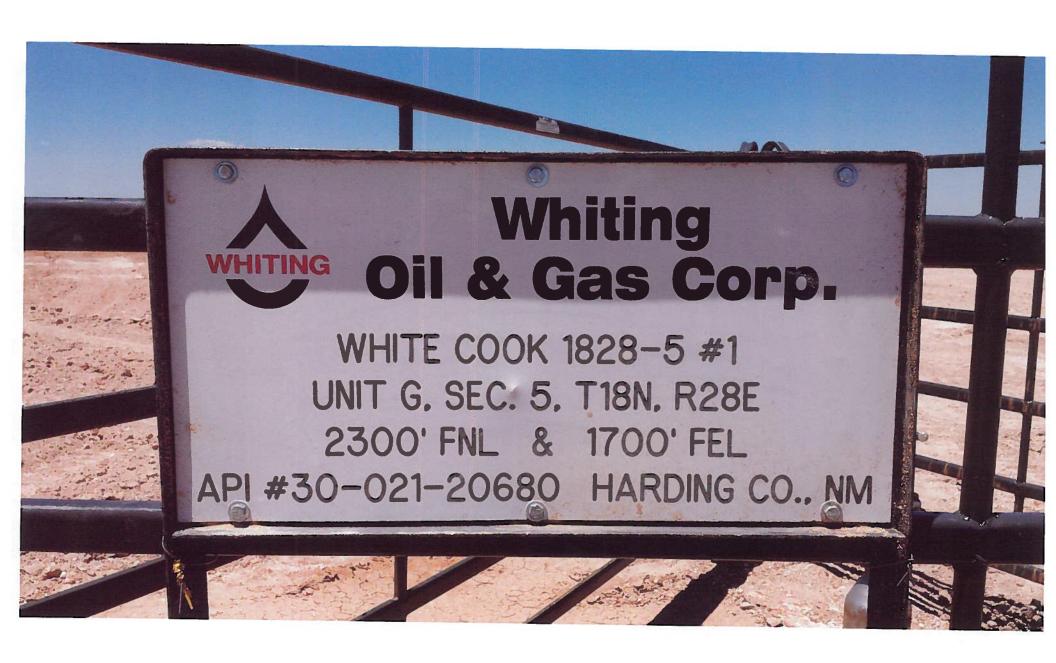
WHITING OIL & GAS CORPORATION

Workover and Completion Report

ame: hite-Cook 1	1828-05 Field:	Other	-	Date:	06/03/15	Day	. 21	Type	Initia	Complet	inn.	
30-021-20680			12/2015									3,054
		Touto.	I dul au U I U	FW bis II.	. 17-2227 0.	Ixig.	1	1/1	Supv	υn	рерит.	3,004
	5-1/2" 15.5#	J-55		Liner:				N/A				
	N/A			Perfs:	2834' - 1	2846', 28f	58' - 287			08' (0.42	" hole 6	spf)
None							THE RESERVE TO SERVE THE PARTY.		STATE OF LAND			
Gas lcf)	Dur. Hrs? 0	#### mcf/	/d	gas							•	
tal Rig Hrs: 0	Daily	Activity				0	for	0.0	hrs			
cover new liner can be cover new lines to be cover new lines and cover new lines are covered to be co	abilize contents cap with a minin ourial marker in o	s. Cover statemum of 4 feet center of pit	ibilized cuet of dirt of the burial (se	uttings wi	vith new 20 mi O dirt equipm	nil LLDPE I nent. NMC	liner cap OCD not	p. fold c	over ou	itside edo	ents with ges of pit	liner
t lee	30-021-20680 It Operation: well of the content of the construction of the construction of the content of the c	30-021-20680 Move Or t Operation: well closed in 5-1/2" 15.5# J N/A Gas Dur. 0 Hrs? 0 tal Rig Hrs: 0 paily A equipment, repair road and location. equipment, mix pit contents with a equipment to perform reserve pit al clean dirt to stabilize contents cover new liner cap with a minimal of the cover new liner cap with a	5-1/2" 15.5# J-55 N/A Dur. 0 #### mcf/ tal Rig Hrs: 0 Daily Activity equipment, repair road and location from rig of ley Construction dirt equipment to begin reservent. equipment, mix pit contents with additional claration dirt to stabilize contents. Cover stal cover new liner cap with a minimum of 4 fee 5.5" OD steel pit burial marker in center of pit	30-021-20680 Move On Date: 1/12/2015 t Operation: well closed in 5-1/2" 15.5# J-55 N/A Dur.	30-021-20680 Move On Date: 1/12/2015 AFE #: t Operation: well closed in 5-1/2" 15.5# J-55 N/A Perfs: Dur. Hrs? 0 #### mcf/d gas GHG Event 1 (Units > 1) equipment, repair road and location from rig demob in mud. Note that the desirement is a contents with additional clean dirt to stabilize equipment to perform reserve pit closure per NMOCD rules. Feat clean dirt to stabilize contents. Cover stabilized cuttings we cover new liner cap with a minimum of 4 feet of dirt cover, Moc. 5" OD steel pit burial marker in center of pit burial (set in contents).	30-021-20680 Move On Date: 1/12/2015 AFE #: 14-2224-01 t Operation: well closed in 5-1/2" 15.5# J-55 Liner: N/A Perfs: 2834' - 2 None Gas Dur. Hrs? 0 #### mcf/d gas tal Rig Hrs: 0 Daily Activity GHG Event Total HP/Hr (Units > 130 HP) equipment, repair road and location from rig demob in mud. MO dirt equipment, repair road and location from rig demob in mud. MO dirt equipment, mix pit contents with additional clean dirt to stabilize contents. Equipment to perform reserve pit closure per NMOCD rules. Remove barb all clean dirt to stabilize contents. Cover stabilized cuttings with new 20 m cover new liner cap with a minimum of 4 feet of dirt cover, MO dirt equipment. 5" OD steel pit burial marker in center of pit burial (set in concrete). Final	30-021-20680 Move On Date: 1/12/2015 AFE #: 14-2224-01 Rig: t Operation: well closed in 5-1/2" 15.5# J-55 N/A Perfs: 2834' - 2846', 285 None Gas Volument, repair road and location from rig demob in mud. MO dirt equipment. Requipment, repair road and location from rig demob in mud. MO dirt equipment. Requipment, mix pit contents with additional clean dirt to stabilize contents. MO dirt equipment to perform reserve pit closure per NMOCD rules. Remove barbed wire feal clean dirt to stabilize contents. Cover stabilized cuttings with new 20 mil LLDPE I cover new liner cap with a minimum of 4 feet of dirt cover, MO dirt equipment. NMC 5" OD steel pit burial marker in center of pit burial (set in concrete). Final blade sur	30-021-20680 Move On Date: 1/12/2015 AFE #: 14-2224-01 Rig: Note to Operation: well closed in 5-1/2" 15.5# J-55 Liner: Perfs: 2834' - 2846', 2858' - 287 None 3as Dur Hrs? 0 #### mcf/d gas Gas Volume Estimated ?? tal Rig Hrs: 0 Daily Activity GHG Event Total HP/Hr (Units > 130 HP) 0 for equipment, repair road and location from rig demob in mud. MO dirt equipment. Sequipment, repair road and location from rig demob in mud. MO dirt equipment. Sequipment, mix pit contents with additional clean dirt to stabilize contents. MO dirt equipmer equipment to perform reserve pit closure per NMOCD rules. Remove barbed wire fencing at all clean dirt to stabilize contents. Cover stabilized cuttings with new 20 mil LLDPE liner cap cover new liner cap with a minimum of 4 feet of dirt cover, MO dirt equipment. NMOCD not 5.5" OD steel pit burial marker in center of pit burial (set in concrete). Final blade surface.	30-021-20680 Move On Date: 1/12/2015 AFE #: 14-2224-01 Rig: NA t Operation: well closed in 5-1/2" 15.5# J-55 Liner: N/A N/A Perfs: 2834' - 2846', 2858' - 2876', 289 None Sas None Gas Volume Estimated ?? tal Rig Hrs: 0 Daily Activity GHG Event Total HP/Hr (Units > 130 HP) 0 for 0.0 equipment, repair road and location from rig demob in mud. MO dirt equipment. Requipment, mix pit contents with additional clean dirt to stabilize contents. MO dirt equipment. Requipment to perform reserve pit closure per NMOCD rules. Remove barbed wire fencing and postal clean dirt to stabilize contents. Cover stabilized cuttings with new 20 mil LLDPE liner cap, fold of cover new liner cap with a minimum of 4 feet of dirt cover, MO dirt equipment. NMOCD notified an 5.5" OD steel pit burial marker in center of pit burial (set in concrete). Final blade surface.	30-021-20680 Move On Date: 1/12/2015 AFE #: 14-2224-01 Rig: NA Supvent Operation: well closed in 5-1/2" 15.5# J-55 Liner: N/A N/A Perfs: 2834' - 2846', 2858' - 2876', 2893' - 290 None Gas Volume Estimated ?? Melocifi Melocif	30-021-20680 Move On Date: 1/12/2015 AFE #: 14-2224-01 Rig: NA Supv DH t Operation: well closed in 5-1/2" 15.5# J-55 Liner: N/A N/A Perfs: 2834' - 2846', 2858' - 2876', 2893' - 2908' (0.42') None Glob Producing Method tal Rig Hrs: 0 #### mcf/d gas Gas Volume Estimated ?? Producing Method tal Rig Hrs: 0 Gas Volume Estimated ?? Producing Method tal Rig Hrs: 0 Gas Volume Estimated ?? Producing Method tal Rig Hrs: 0 Gas Volume Estimated ?? Producing Method tal Rig Hrs: 0 Gas Volume Estimated ?? Producing Method dequipment, repair road and location from rig demob in mud. MO dirt equipment. ley Construction dirt equipment to begin reserve pit closure. Mix contents with clean dirt to stabilize contents. MO dirt equipment. requipment, mix pit contents with additional clean dirt to stabilize contents. MO dirt equipment. requipment to perform reserve pit closure per NMOCD rules. Remove barbed wire fencing and posts. Mix pit conteal clean dirt to stabilize contents. Cover stabilized cuttings with new 20 mil LLDPE liner cap, fold over outside edge cover new liner cap with a minimum of 4 feet of dirt cover, MO dirt equipment. NMOCD notified and not present. 5" OD steel pit burial marker in center of pit burial (set in concrete). Final blade surface.	30-021-20680 Move On Date: 1/12/2015 AFE #: 14-2224-01 Rig: NA Supv DH Depth: t Operation: well closed in 5-1/2" 15.5# J-55 Liner: N/A N/A Perfs: 2834' - 2846', 2858' - 2876', 2893' - 2908' (0.42" hole 6 None Click to Calc. HP Gas Volume Estimated ?? Method tal Rig Hrs: 0 Daily Activity GHG Event Total HP/Hr (Units > 130 HP) for 0.0 hrs Units <= 130 HP (Count) equipment, repair road and location from rig demob in mud. MO dirt equipment. ley Construction dirt equipment to begin reserve pit closure. Mix contents with clean dirt to stabilize contents. MO dirt equipment, mix pit contents with additional clean dirt to stabilize contents. Mix pit contents with all clean dirt to stabilize contents. Cover stabilized cuttings with new 20 mil LLDPE liner cap, fold over outside edges of pit cover new liner cap with a minimum of 4 feet of dirt cover, MO dirt equipment. NMOCD notified and not present. 5" OD steel pit burial marker in center of pit burial (set in concrete). Final blade surface.

Cos	sts
-----	-----

Expense Account Codes	Capital Account Codes	Comments	Amount
	811.94 Contract Services and Equipment	Hartley Construction - pit closure	\$ 14,273.35
	811.39 Contract Labor	EWC - consultant	\$ 1,350.00
	811.94 Contract Services and Equipmen	Pacheco Trucking - dewater pit	\$ 15,200.00
	811.94 Contract Services and Equipmen	Renegade Wireline - BHP survey	\$ 4,248.00
			-
	4-00-00-10 hallow he cannot do males habitantes per cannot de males habitantes de constantes de cons		
		Daily Total:	\$ 35,071.35
		Prev. Total:	



vooring west



Looking South



rooking) Math



LOOKING EAST





Submit 1 Copy To Appropriate District Office	State of New Me	exico	Form C-103				
District I - (575) 393-6161	Energy, Minerals and Nati	ural Resources	Revised July 18, 2013				
1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> - (575) 748-1283	OH CONGERVATION	I DIVIDIONI	WELL API NO. 30-021-20680				
811 S. First St., Artesia, NM 88210 District III – (505) 334-6178	OIL CONSERVATION		5. Indicate Type of Lease				
1000 Rio Brazos Rd., Aztec, NM 87410	1220 South St. Fra		STATE FEE				
<u>District IV</u> – (505) 476-3460 1220 S. St. Francis Dr., Santa Fe, NM 87505	Santa Fe, NM 8	7303	6. State Oil & Gas Lease No.				
(DO NOT USE THIS FORM FOR PROPO	ICES AND REPORTS ON WELLS SALS TO DRILL OR TO DEEPEN OR PL	UG BACK TO A	7. Lease Name or Unit Agreement Name WHITE-COOK 1828 05				
DIFFERENT RESERVOIR. USE "APPLIC PROPOSALS.) 1. Type of Well: Oil We		OR SUCH	8. Well Number 01				
2. Name of Operator WHITING OIL AND GAS CORPO			9. OGRID Number 25078				
3. Address of Operator		· · · · · · · · · · · · · · · · · · ·	10. Pool name or Wildcat				
	400 W ILLINOIS STE 1300 MIDLAND, TX 79701						
4. Well Location			WILDCAT; TUBB CO2 GAS POOL				
1	rom the NORTH line and 1700 fe						
Section 05 Town	ship 18N Range 28E 11. Elevation (Show whether DR	NMPM	County HARDING				
	5580' GR	, KNB, KI, GR, etc.)					
12. Check A	Appropriate Box to Indicate N	lature of Notice,	Report or Other Data				
NOTICE OF IN	TENTION TO:	SHR	SEQUENT REPORT OF:				
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORK					
TEMPORARILY ABANDON	CHANGE PLANS	COMMENCE DRII	LING OPNS. P AND A				
PULL OR ALTER CASING DOWNHOLE COMMINGLE	MULTIPLE COMPL	CASING/CEMENT	JOB				
DOWNHOLE COMMINGLE CLOSED-LOOP SYSTEM							
OTHER:		OTHER: CLOSED	TEMPORARY PIT				
13. Describe proposed or compl	eted operations. (Clearly state all	pertinent details, and	give pertinent dates, including estimated date				
proposed completion or reco	rk). SEE RULE 19.15.7.14 NMAC ompletion.	C. For Multiple Con	npletions: Attach wellbore diagram of				
01/12/2015 SPUDDED WELL							
01/13/2015 DRLD 12 1/4 HOLE, RA	N 9 5/8" J-55 36# CSG SET @ 77	2' W/ 350 SXS LEA	D CMT(12.5 PPG 1.98 YIELD) + 150				
SXS TAIL CMT (14.8-1	PPG, 1.34 YIELD), CIRCULATED	O 59 SXS CMT TO S	SURFACE, PRESS TO 600#, HELD				
01/23/2015 DRLD 8 % HOLE TO T	D 3054, RAN 5 ½ J-55 15.5# CSG	SET @ 3054 W/60	0 CL C SXS LEAD CMT (12.10 PPG				
PRESS TO 600# HELD	L C SXS CMT (14.8 PPG, 1.34 YII	ELD), CIRCULA I E	D 72 BBLS CMT TO SURFACE,				
01/24/2015 RELEASED DRLG RIC							
06/02/2015 CLOSED TEMPORARY	Y PIT						
		<i>10</i>					
Spud Date: 01/12/2015	Rig Release Da	ite: 01/24/2015					
I hereby certify that the information a	hove is true and complete to the ho	ogt of my knowledge	and haline				
. Hereby cornery that the imprination a	bove is true and complete to the be	st of my knowledge	and belier.				
SIGNATURE TOUR MI	aldo√ title: regu	JLATORY ANALY	ST DATE: 06/05/2015				
Type or print name Kay Maddox E- For State Use Only	mail address: kay.Maddox@Whitin	ng.com PHONE: 4	32-638-8475				
APPROVED BY:	TITLE		DATE				
Conditions of Approval (if any):	IIILE		DATE				

DISTRICT I 1625 N. French Dr., E DISTRICT II 1801 W. Grand Avenue DISTRICT III 1000 Rio Brazos Rd., A DISTRICT IV 1220 S. St. Francis Dr.,	End e, Artesia, NM 88210 Azteo, NM 87410	12 Sa	ls, and N ONSER 220 Sout	f New Mex latural Res VATION h St. Franc lew Mexico	sources D DIVISI eis Dr.	epartment Submit t ON	Fee La	ease - 8 copies
			AND A	CREACE	r Dent	CATION PLA	AMENI	ED REPORT
API Number		Paul Code 8/04	W	ILDCAT.	TUbb	Pool Name CO 2'G AS	POOL	
OGRID No. 25078			IITE-CC	OK 1828	-5		Well	Number #1
		WHITING			PORATIO	N	,	80'
UL or lot no. Section	Township	Range	Lot Ida	Location Pest from the	N			
G 5	18 NORTH 28 E	AST, N.M.P.M.		2300'	North/So NORT		he East/West li	County HARDING
UL or lot no. Section	"Bott	om Hole Loc	ation If	Different 1	From Sur	face		
	Township	Range	Lot Idn	Feet from the	North/South	line Feet from the	East/West line	County
Dedicated Acres 18 Join	t or Infill 14 Conso	lidation Cods	18 Order No		N	SL - 717	19	
X-599290 Y-1750437	NON-STANI NAD 27 NME ZONE	DARD UNIT H	AS BEEN		X:604574 Y:1755758	1*OPERATO 1 hareby certify that the lather the best of my knowledge and working interest or unknowledge and working interest or unknowledge and working interest or unknowledge and the responsed bottom hole lesstick pursuant to a contract with an or to a voluntary pooling agree heretofore outered by the o Bilgrantifure Frinteed Name 19 SURVEYOR I hereby certify that the plain respected from Sadd notes appervision, and that the best of my beliad. NOVEM Date of Survey Bigmature and Sague NOVEM BE	R CERTIFICA action contained berein is treat the contained berein is treat the contained berein in the land in the contained berein in the land in the contained in a mineral or a second of such a mineral or a second or a compository pool liviation. Date ADDO CERTIFICAT a well location shows of extral surveys made by an seame is true and correct BER 4, 2014 SER 4, 2014 SER 4, 2014 CENER LYNN ENER 2.7920	ATION and complete to one either owns a shelling the or withing interest, ing order // L'ON a on this or under my not to the

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C.E