

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

RECEIVED OCD

2014 MAY 12 P 1:30

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: Whiting Oil & Gas Corp OGRID #: 25078 **OIL CONS. DIV DIST. 3**
Address: 400 W. Illinois, Suite 1300, Midland, Texas 79701
Facility or well name: Ladd 1928 #17-1 **MAY 29 2014**
API Number: 30-021-20597 OCD Permit Number: _____
U/L or Qtr/Qtr K Section 17 Township 19-N Range 28-E County: Harding
Center of Proposed Design: Latitude 35.8734455 Longitude - 103.9931774 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: Thickness 20 mil ☒ LLDPE ☐ HDPE ☐ PVC ☐ Other _____
☒ String-Reinforced
Liner Seams: ☐ Welded ☒ Factory ☐ Other _____ Volume: 10,700 bbl Dimensions: L 100' x W 100' x D 6'

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: 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 _____

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

☐ Yes ☐ No

Within a 100-year floodplain.

- FEMA map

☐ Yes ☐ 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:  Approval Date: 7/22/14

Title: Environmental Spec 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: May 8, 2014

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.*

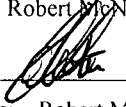
- ☒ Proof of Closure Notice (surface owner and division)
☐ Proof of Deed Notice (required for on-site closure for private land only)
☐ Plot Plan (for on-site closures and temporary pits)
☒ Confirmation Sampling Analytical Results (if applicable)
☒ Waste Material Sampling Analytical Results (required 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 _____ Longitude _____ NAD: ☐ 1927 ☐ 1983

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): Robert McNaughton Title: Sr Operations Engineer

Signature: 

Date: 05/09/2014

e-mail address: Robert.McNaughton@whiting.com Telephone: 432-413-2989

Analytical Results For:

 WHITING OIL & GAS
 BRIAN HOLLADAY
 400 W. ILLINOIS, SUITE 1300
 MIDLAND TX, 79701
 Fax To: NONE

 Received: 04/23/2014
 Reported: 04/30/2014
 Project Name: WEST BRAVO DOME CO2
 Project Number: 13-1224-03
 Project Location: HARDING COUNTY, NM

 Sampling Date: 04/22/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: LADD 1928 #17-1 (H401230-07)

BTX 8260B		mg/kg		Analyzed By: ck					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/30/2014	ND	2.35	118	2.00	6.15	
Toluene*	<0.050	0.050	04/30/2014	ND	2.13	106	2.00	8.09	
Ethylbenzene*	<0.050	0.050	04/30/2014	ND	2.03	102	2.00	7.15	
Total Xylenes*	<0.150	0.150	04/30/2014	ND	6.25	104	6.00	8.15	
Total BTX	<0.300	0.300	04/30/2014	ND					

Surrogate: Dibromofluoromethane 99.2 % 61.3-142

Surrogate: Toluene-d8 98.0 % 71.3-129

Surrogate: 4-Bromofluorobenzene 115 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/25/2014	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/25/2014	ND	186	92.9	200	11.1	
DRO >C10-C28	16.9	10.0	04/25/2014	ND	207	103	200	12.5	

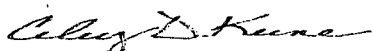
Surrogate: 1-Chlorooctane 104 % 65.2-140

Surrogate: 1-Chlorooctadecane 101 % 63.6-154

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager



May 1, 2014

F.J. Smith, Jr.
11019 540 loop
Logan, New Mexico 88426

RE: Notification to Surface Owner of On-Site Drilling Pit Closure
Well: Ladd 1928 Well # 17-1
Harding County, NM

Dear Mr. Smith,

Whiting Oil & Gas proposes to close and remediate the surface land according to all rules and regulations noted in Subsection E of 19.15.17.13 NMAC beginning May 5, 2014

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

Sincerely,

Kay Maddox
Regulatory Supervisor

Mailed by certified mail to above listed party on this the 1st day of May, 2014

Signed: Kay Maddox- Regulatory Supervisor

7011 3500 0002 4991 1564

Certified Mail Receipt Number

*Whiting Petroleum Corporation
and its wholly owned subsidiary
Whiting Oil and Gas Corporation*

400 W. Illinois Avenue, Suite 1300, Midland, TX 79701 Office: 432.686.6700 Fax 432.686.6799

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-8161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-101

August 1, 2011

Permit 178714

OIL CONS. DIV DIST. 3**JUL 21 2014****APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

1. Operator Name and Address WHITING OIL AND GAS CORPORATION 400 W. Illinois Midland, TX 79701		2. OGRID Number 25078
		3. API Number 30-021-20597
4. Property Code 40301	5. Property Name LADD 1928	6. Well No. 171

7. Surface Location

UL - Lot K	Section 17	Township 19N	Range 28E	Lot Idn	Feet From 1660	N/S Line S	Feet From 1660	E/W Line W	County Harding
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8. Proposed Bottom Hole Location

UL - Lot K	Section 17	Township 19N	Range 28E	Lot Idn K	Feet From 1660	N/S Line S	Feet From 1660	E/W Line W	County Harding
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9. Pool Information

BRAVO DOME CARBON DIOXIDE GAS 640	96010
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Additional Well Information

11. Work Type New Well	12. Well Type CO2	13. Cable/Rotary	14. Lease Type Private	15. Ground Level Elevation 5550
16. Multiple N	17. Proposed Depth 3500	18. Formation Tubb	19. Contractor	20. Spud Date 12/31/2013
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☒ We will be using a closed-loop system in lieu of lined pits**21. Proposed Casing and Cement Program**

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	9.625	36	700	350	0
Int1	8.75	7	20	2650	450	0
Prod	7.875	5.5	15.5	3500	400	0

Casing/Cement Program: Additional Comments

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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	3000	3000	REGAN TAURUS

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief.
I further certify I have complied with 19.15.14.9 (A) NMAC ☒ and/or 19.15.14.9 (B) NMAC ☒ if applicable.

OIL CONSERVATION DIVISION

Signature:			
Printed Name:	Electronically filed by Kay Maddox	Approved By:	Ed Martin
Title:	Regulatory Agent	Title:	District Supervisor
Email Address:	kay.maddox@whiting.com	Approved Date:	12/20/2013
Date:	12/17/2013	Phone:	432-686-6709
		Expiration Date:	12/20/2015
Conditions of Approval Attached			

DISTRICT I

1625 N. French Dr., Hobbs, NM 88240

State of New Mexico

Form C-102

DISTRICT II

1301 W. Grand Avenue, Artesia, NM 88210

Energy, Minerals, and Natural Resources Department

Revised October 12, 2005

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

Submit to Appropriate District Office

State Lease - 4 copies

Fee Lease - 3 copies

DISTRICT IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

1220 South St. Francis Dr.

Santa Fe, New Mexico 87505

☐ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

¹ API Number	² Pool Code 96010	³ Pool Name BRAVO DOME CO ₂ GAS 640
⁴ Property Code	⁵ Property Name LADD 1928	⁶ Well Number #17-1
⁷ OGRID No. 24078	⁸ Operator Name WHITING OIL & Gas Corp.	⁹ Elevation 5550'

¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	17	19 NORTH	28 EAST, N.M.P.M.		1660'	SOUTH	1660'	WEST	HARDING

¹¹Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres 160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

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

	¹⁶ Operator Certification I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or released mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: <i>Kay Maddox</i> Date: 12/14/13 Printed Name: Kay Maddox
	¹⁷ Surveyor Certification I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey: NOVEMBER 12, 2013 Signature and Seal of Surveyor: Certificate Number: V. Lynn Bezner P.S. #7920 FILE:LO_LADD_1928_17_1: J.J.G.

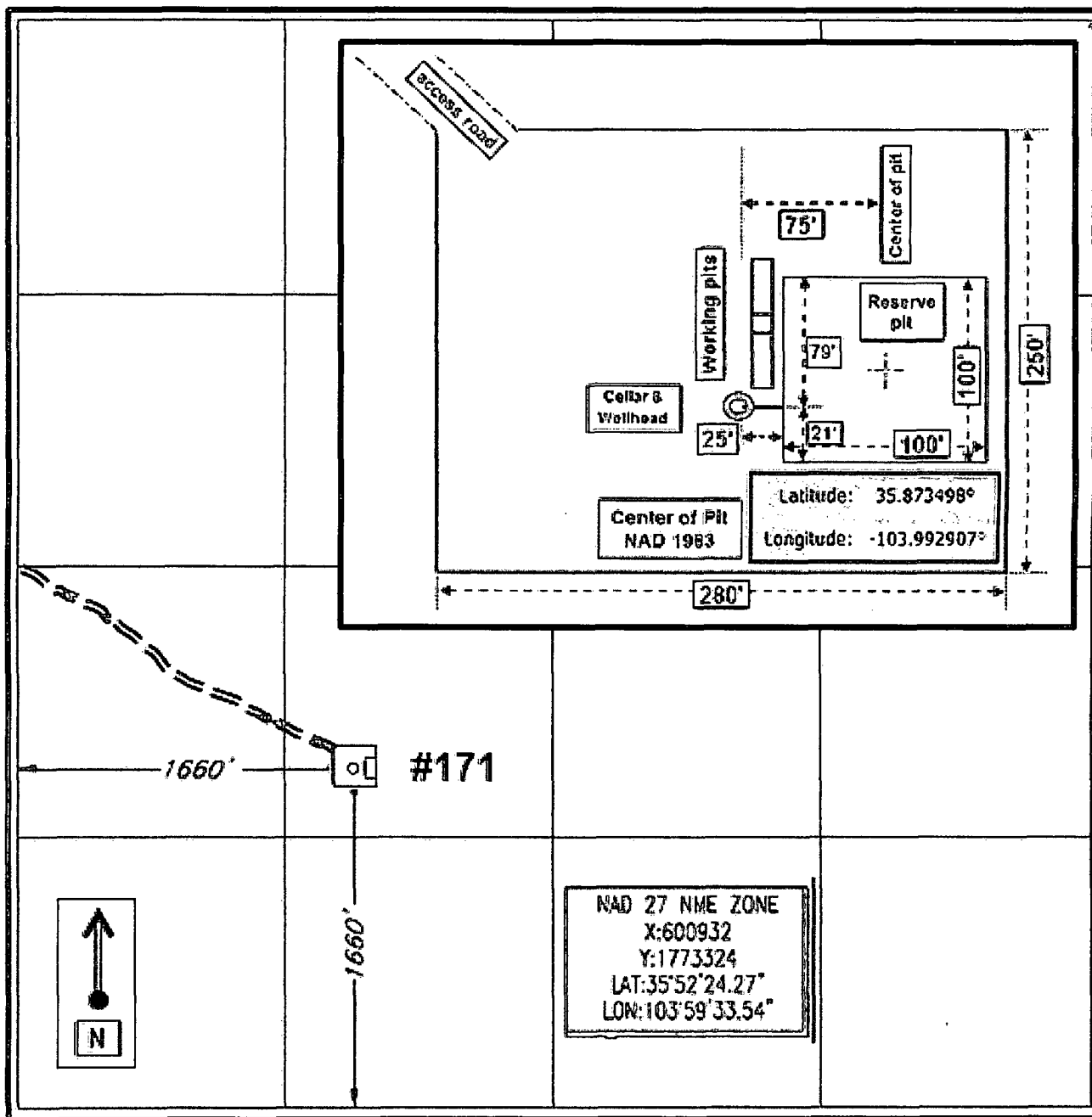
Pit Plot

Whiting Petroleum Corporation

Ladd 1928 #171

T-19-N, R-28-E, Section 17 NMPM

Harding County, New Mexico



Submit 1 Copy To Appropriate District
Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

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

Form C-103
Revised July 18, 2013

WELL API NO. 30-021-20597	
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name LADD 1928	
8. Well Number 17-1	
9. OGRID Number 25078	
10. Pool name or Wildcat BRAVO DOME CARBON DIOXIDE GAS 640	
SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	
2. Name of Operator WHITING OIL AND GAS CORPORATION	
3. Address of Operator 400 W ILLINOIS STE 1300 MIDLAND, TEXAS 79701	
4. Well Location Unit Letter K: 1660 feet from the SOUTH line and 1660 feet from the WEST line. Section 17 Township 19N Range 28E NMPM COUTNY:HARDING	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) GR 5550'	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☒

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

01/04/2014 - SPUD WELL

01/05/2014 - DRILD 12 1/4" HOLE, RAN 9 5/8" 36# J-55 SURFACE CASING SET @ 717' CMTD W/350 SXS CMT, CEMENT CIRCULATED

01/10/2014- DRILD 7 7/8 HOLE, RAN 7" 20# J-55 CASING SET@2105', CMTD W/290 SXS CMT, DID NOT CIRC

01/11/2014 - CMTD DRILL PIPE IN HOLE @ 2430

01/17/2014 - CUT PIPE@ 2148' - CMTD 100 SXS CMT TAG TOC @ 1945'DRLD OUT TO 2117'

01/21/2014 - CUT HOLE IN CASING @2117 - SIDETRACK HOLE

01/24/2014 - TD 2975', SET 5 1/2 15.5# J-55 CSG @ 2963 W/200 SXS CMT, CIRCULATED

01/25/2014 - RELEASED RIG

Spud Date: 01/4/2014

Rig Release Date: 01/25/2014

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

SIGNATURE Kay Maddox TITLE: REGULATORY ANALYST DATE 1/27/2014
Type or print name Kay Maddox E-mail address: kay.maddox@whiting.com PHONE: 432-686-6709

For State Use Only

APPROVED BY: Ed Martin TITLE: DISTRICT SUPERVISOR DATE 1/29/2014
Conditions of Approval (if any):



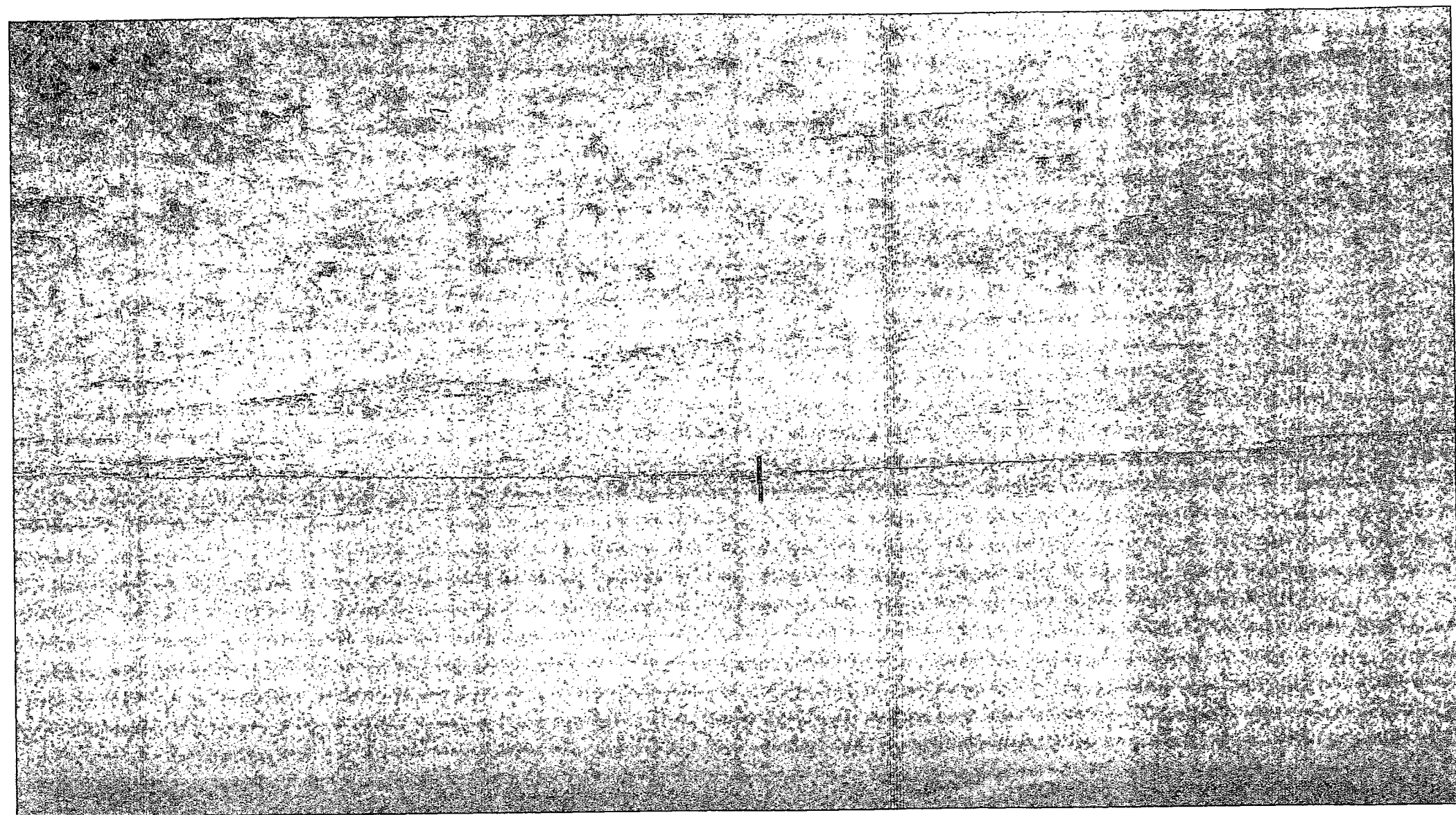
Whiting Oil & Gas Inc.

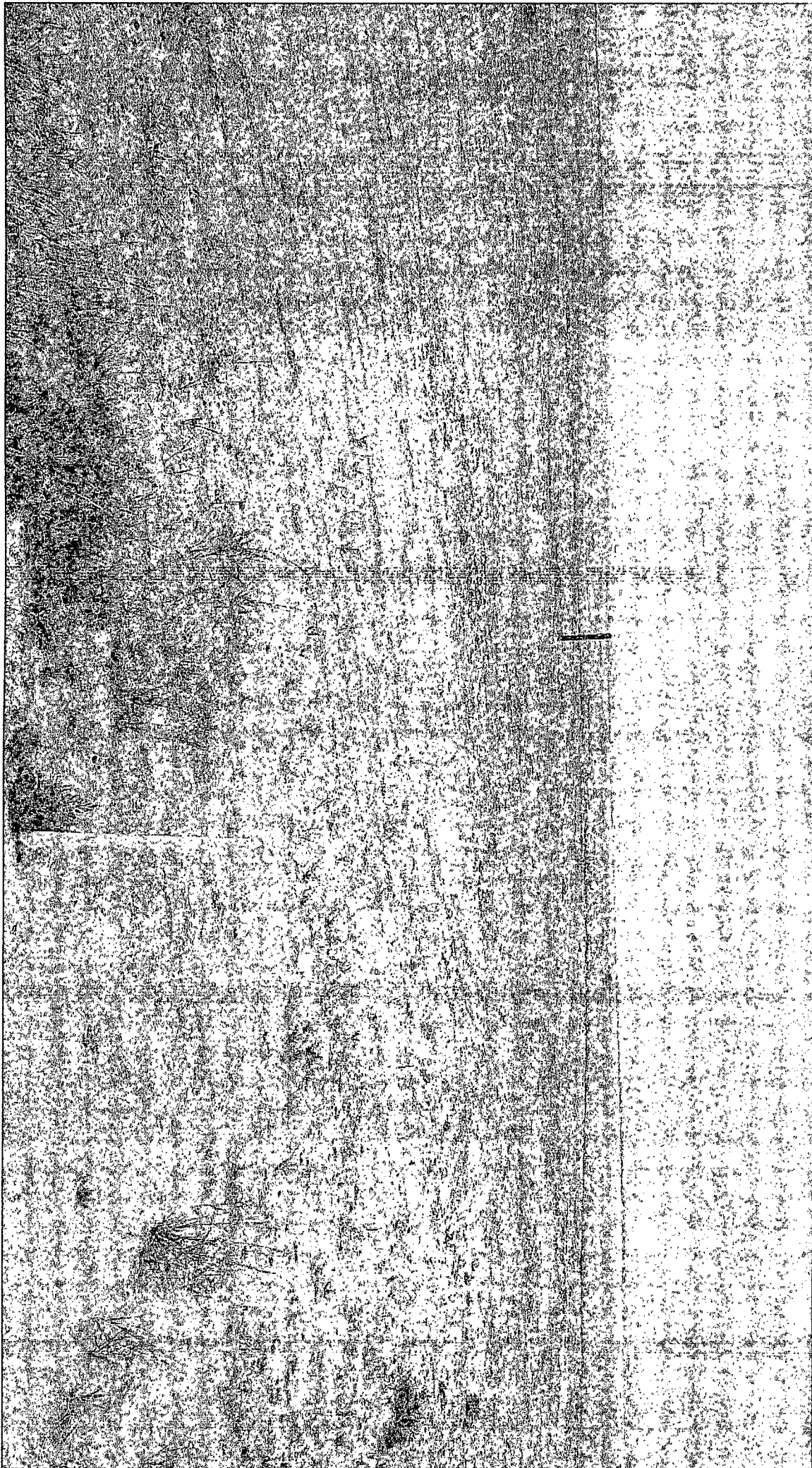
LADD LEASE WELL NO. 1928 #17-1

UL'K. SEC. 17. T19N,R28E

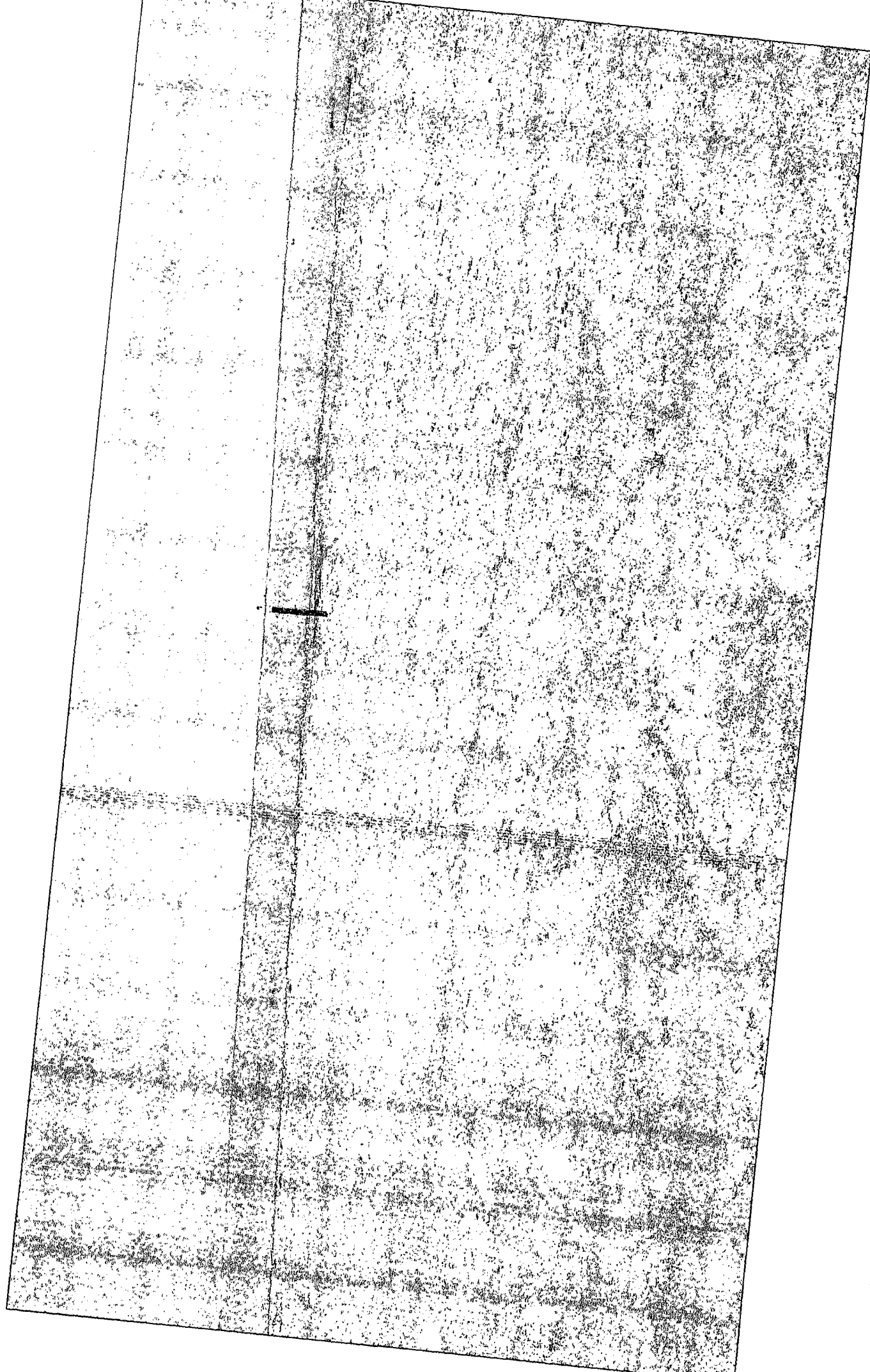
1660' FSL & 1660' FWL

API #30-021-20597 HARDING CO., NM









ULR, Sec. 11219N, R28E



May 1, 2014

F.J. Smith, Jr.
11019 540 loop
Logan, New Mexico 88426

RE: Notification to Surface Owner of On-Site Drilling Pit Closure
Well: Ladd 1928 Well # 17-1
Harding County, NM

Dear Mr. Smith,

Whiting Oil & Gas proposes to close and remediate the surface land according to all rules and regulations noted in Subsection E of 19.15.17.13 NMAC beginning May 5, 2014

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

Sincerely,

Kay Maddox
Regulatory Supervisor

Mailed by certified mail to above listed party on this the 1st day of May, 2014

Signed: Kay Maddox- Regulatory Supervisor

7011 3500 0002 4991 1564

Certified Mail Receipt Number

*Whiting Petroleum Corporation
and its wholly owned subsidiary
Whiting Oil and Gas Corporation*

400 W. Illinois Avenue, Suite 1300, Midland, TX 79701 Office: 432.686.6700 Fax 432.686.6799

Analytical Results For:

 WHITING OIL & GAS
 BRIAN HOLLADAY
 400 W. ILLINOIS, SUITE 1300
 MIDLAND TX, 79701
 Fax To: NONE

 Received: 04/23/2014
 Reported: 04/30/2014
 Project Name: WEST BRAVO DOME CO2
 Project Number: 13-1224-03
 Project Location: HARDING COUNTY, NM

 Sampling Date: 04/22/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: LADD 1928 #17-1 (H401230-07)

30-021-20597

BTEx 82608		mg/kg		Analyzed By: ck					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/30/2014	ND	2.35	118	2.00	6.15	
Toluene*	<0.050	0.050	04/30/2014	ND	2.13	106	2.00	8.09	
Ethylbenzene*	<0.050	0.050	04/30/2014	ND	2.03	102	2.00	7.15	
Total Xylenes*	<0.150	0.150	04/30/2014	ND	6.25	104	6.00	8.15	
Total BTEx	<0.300	0.300	04/30/2014	ND					

Surrogate: Dibromofluoromethane 99.2 % 61.3-142

Surrogate: Toluene-d8 98.0 % 71.3-129

Surrogate: 4-Bromofluorobenzene 115 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/25/2014	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/25/2014	ND	186	92.9	200	11.1	
DRO >C10-C28	16.9	10.0	04/25/2014	ND	207	103	200	12.5	

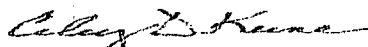
Surrogate: 1-Chlorooctane 104 % 65.2-140

Surrogate: 1-Chlorooctadecane 101 % 63.6-154

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

STATE OF NEW MEXICO

COUNTY OF HARDING

HARDING COUNTY, NM
RECEPTION# 20633
06/11/2014 01:57:57 PM
BK 19 PAGE 10075
1 of 1
BY CELESTE YBARRA


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: LADD 1928
Well No: 17-1
API No: 30-021-20597
TWN & RGE: TWN 19N RGE 28E Section 17
Unit Letter: K
Footages: 1660 FSL & 1660 FWL
Closure Date: 5/08/2014

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

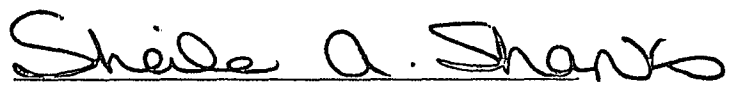


Kay Maddox – Regulatory Supervisor

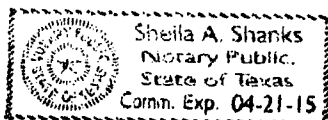
STATE OF TEXAS
COUNTY OF MIDLAND

This instrument was acknowledged before me this 5th day of June, 2014, by

Kay Maddox on behalf of Whiting Oil & Gas Corporation.



Notary Public





July 17, 2014

Mr. Cory Smith
New Mexico Oil Conservation Division
1000 Rio Brazos Rd
Aztec, NM 87410

RE: Pit Closures

Dear Mr. Smith,

Whiting Oil & Gas shall re-seed the disturbed Pit area for the well listed below. The re-seeding shall occur in the upcoming rainy season documented for Harding County, New Mexico approximately August/September 2014. As evidenced by the pictures submitted some natural native vegetative growth has already occurred.

Sincerely,

Kay Maddox
Regulatory Supervisor

LADD 1928 Well # 171
30-021-20597
Harding County, New Mexico

*Whiting Petroleum Corporation
and its wholly owned subsidiary
Whiting Oil and Gas Corporation*

400 W. Illinois Avenue, Suite 1300, Midland, TX 79701 Office: 432.686.6700 Fax 432.686.6799