

District I
1625 N. Unser Blvd., Hobbs, NM 88240
District II
1111 S. First St., Artesia, NM 88210
District III
1000 Rio Pecos Road, Aztec, NM 87412
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 OOD

2014 MAY 12 P 1:37

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

- 12035
- 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
Address: 400 W. Illinois, Suite 1300, Midland, Texas 79701
Facility or well name: Doroteo 1927 15-1
API Number: 30-021-20586 OCD Permit Number: _____
U/L or Qtr/Qtr F Section 15 Township 19-N Range 27-E County: Harding
Center of Proposed Design: Latitude 35.8779111 Longitude -104.0595972 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 _____

OIL CONS. DIV DIST. 3

MAY 29 2014

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: 12035

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 6, 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.

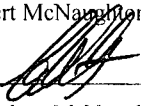
Closure Report Attachment Checklist: *Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in the box, that the documents are attached.*

- ☒ 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: 5/9/2014

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	Sampling Date:	04/22/2014
Reported:	04/30/2014	Sampling Type:	Soil
Project Name:	WEST BRAVO DOME CO2	Sampling Condition:	Cool & Intact
Project Number:	13-1224-03	Sample Received By:	Jodi Henson
Project Location:	HARDING COUNTY, NM		

Sample ID: DOROTE 1927 #15-1 (H401230-06)

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 102 % 61.3-142

Surrogate: Toluene-d8 104 % 71.3-129

Surrogate: 4-Bromofluorobenzene 106 % 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	240	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	92.1	10.0	04/25/2014	ND	207	103	200	12.5	

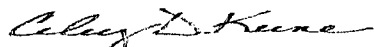
Surrogate: 1-Chlorooctane 110 % 65.2-140

Surrogate: 1-Chlorooctadecane 113 % 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

Dennis Martinez Attorney in Fact For:
Doroteo Martinez
247 Cemetery Road
Roy, New Mexico 87743

RE: Notification to Surface Owner of On-Site Drilling Pit Closure
Well: Doroteo 1927 Well # 15-1
Harding County, NM

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

70113500 0002 4991 1519

Certified Mail 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) 393-6161 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 175321

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
4. Property Code 40183		3. API Number 30-021-20586
5. Property Name DOROTEO 1927		6. Well No. 15-1

7. Surface Location									
UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
F	15	19N	27E	F	1875	N	1807	W	Harding

8. Proposed Bottom Hole Location									
UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
F	15	19N	27E	F	1875	N	1807	W	Harding

9. Pool Information	
BRAVO DOME CARBON DIOXIDE GAS 640	96010

Additional Well Information				
11. Work Type New Well	12. Well Type GAS	13. Cable/Rotary	14. Lease Type Private	15. Ground Level Elevation 5618
16. Multiple N	17. Proposed Depth 3500	18. Formation Tubb	19. Contractor	20. Spud Date 10/28/2013
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	8.625	24	1800	650	0
Prod	7.875	5.5	15.5	3500	550	

Casing/Cement Program: Additional Comments

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 <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> if applicable. Signature: _____ Printed Name: Electronically filed by Kay Maddox Title: Regulatory Agent Email Address: kay.maddox@whiting.com Date: 10/16/2013	<div style="text-align: center;">OIL CONSERVATION DIVISION</div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Approved By: Ed Martin</td> <td style="width: 50%;">Expiration Date: 10/22/2015</td> </tr> <tr> <td>Title: District Supervisor</td> <td></td> </tr> <tr> <td>Approved Date: 10/22/2013</td> <td></td> </tr> <tr> <td colspan="2">Conditions of Approval Attached</td> </tr> </table>	Approved By: Ed Martin	Expiration Date: 10/22/2015	Title: District Supervisor		Approved Date: 10/22/2013		Conditions of Approval Attached	
Approved By: Ed Martin	Expiration Date: 10/22/2015								
Title: District Supervisor									
Approved Date: 10/22/2013									
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	³ Pool Name
⁴ Property Code	⁵ Property Name DOROTEO 1927	⁶ Well Number 15-1
⁷ OGRID No. 25078	⁸ Operator Name WHITING PETROLEUM CORPORATION	⁹ Elevation 5618'

¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	15	19 NORTH	27 EAST, N.M.P.M.		1875'	NORTH	1807'	WEST	HARDING

Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres	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

	<p>¹⁷ OPERATOR CERTIFICATION</p> <p>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 undivided 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.</p> <p>Signature: <i>Ray Maddox</i> Date: <i>10/14/2013</i></p> <p>Printed Name: <i>Ray Maddox</i></p> <p>¹⁸ SURVEYOR CERTIFICATION</p> <p>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.</p> <p>OCTOBER 3, 2013</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor</p> <p><i>V. Lynn Bezner</i></p> <p>Certificate Number V. Lynn Bezner P.S. #7920</p> <p>JOB# LO_DOROTEO_1927_15_1.J.J.G.</p>
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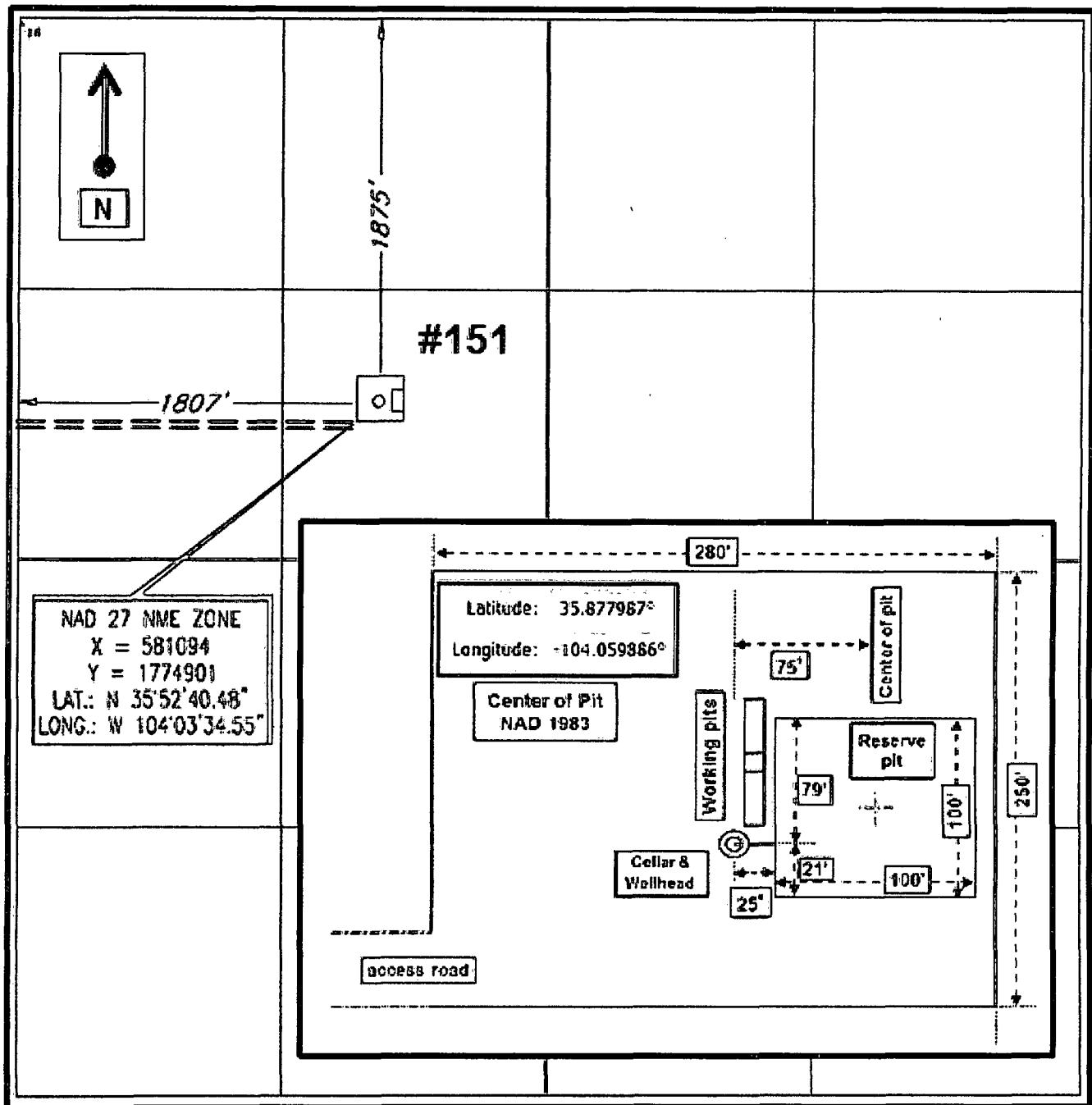
Pit Plot

Whiting Petroleum Corporation

Doroteo 1927 #151

T-19-N, R-27-E, Section 15, 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

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.)		WELL API NO. 30-021-20586
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease LEASE <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator WHITING OIL AND GAS CORPORATION		6. State Oil & Gas Lease No.
3. Address of Operator 400 W ILLINOIS STE 1300 MIDLAND, TEXAS 79701		7. Lease Name or Unit Agreement Name DOROTEO 1927
4. Well Location Unit Letter F_: 1875 feet from the NORTH line and 1807 feet from the WEST line Section 15 Township 19-N Range 27-E NMPM County HARDING		8. Well Number 15-1
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5618 GL 5624 KB		9. OGRID Number 25078
		10. Pool name or Wildcat BRAVO DOME CARBON DIOXIDE GAS 640

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input checked="" type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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.

01/13/2014 - WELLBORE HAS 8 5/8" 24# CSG SET @ 1649' CMTD W/850 SXS CMT, DRLD 7 7/8 HOLE TO 2138, SET CIBP @ 1600', DRLD OUT CIBP, DRLD 7 7/8 HOLE TO TD 2170, SET CIBP @ 1590'

04/16/2014 - THIS WELL IS TEMPORARILY ABANDONED PENDING FUTURE EVALUATION

This approval for temporary abandonment
expires 4/16/2019

Spud Date: 11/13/2013

Rig Release Date: 1/1/2014

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 04/16/2014

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 4/22/2014
Conditions of Approval (if any):



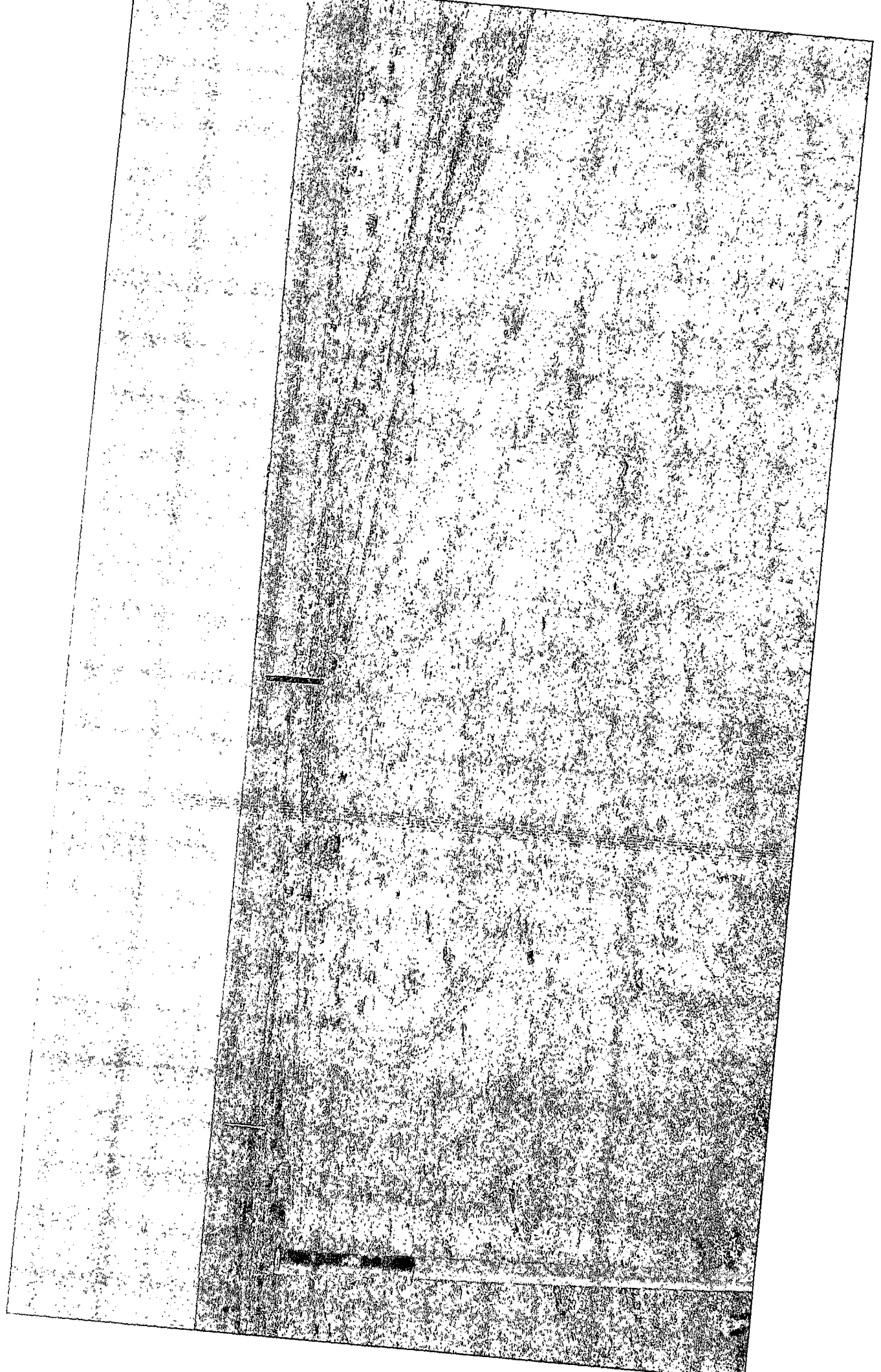
Whiting Oil & Gas Inc.

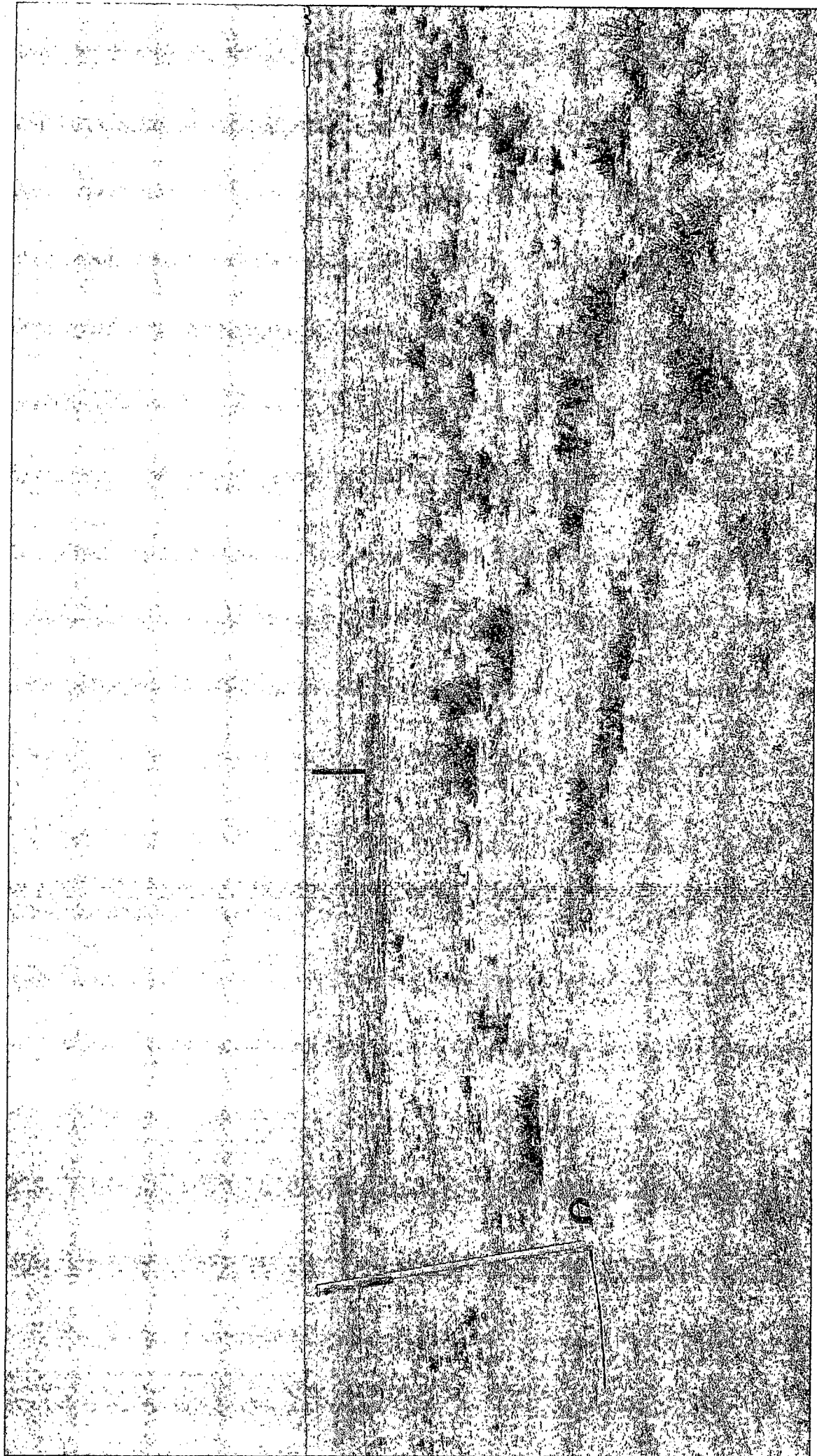
DOROTE0 1927 #15-1

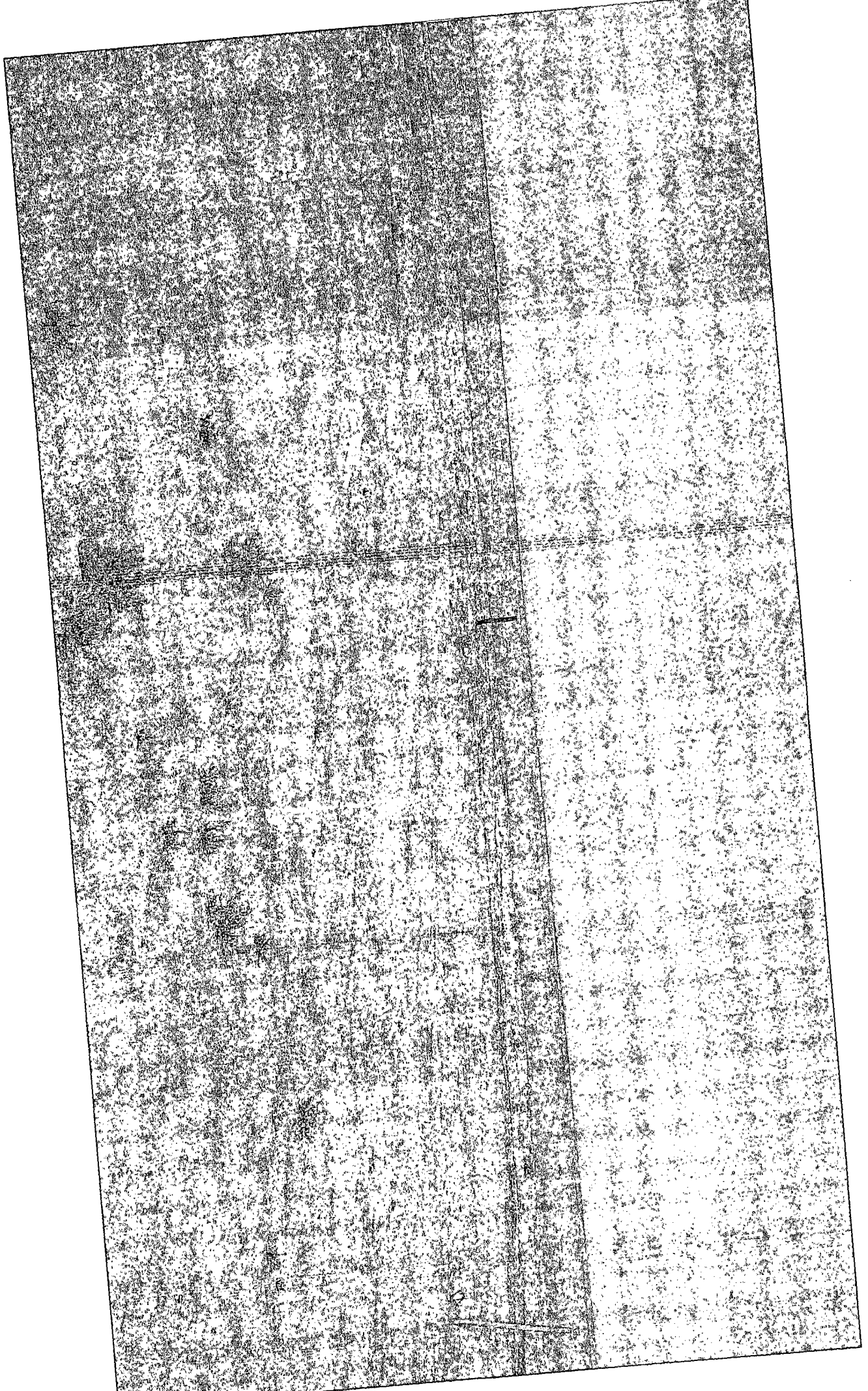
UNIT F, SEC. 15N, T19NR27E

1875' FNL & 1807' FWL

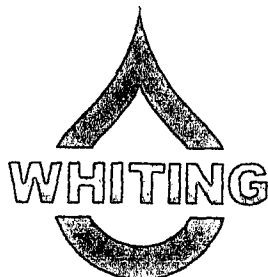
API #30-021-20586 HARDING COUNTY, NM







WATLING OIL and Gas Corp
Donated 1977-1987



May 1, 2014

Dennis Martinez Attorney in Fact For:
Doroteo Martinez
247 Cemetery Road
Roy, New Mexico 87743

RE: Notification to Surface Owner of On-Site Drilling Pit Closure
Well: Doroteo 1927 Well # 15-1
Harding County, NM

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

70113500 0002 4991 1519

Certified Mail 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: DOROTEO 1927 #15-1 (H401230-06)

30-021-20586

BTEx 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 BTEX	<0.300	0.300	04/30/2014	ND					

Surrogate: Dibromofluoromethane 102 % 61.3-142

Surrogate: Toluene-d8 104 % 71.3-129

Surrogate: 4-Bromofluorobenzene 106 % 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	240	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	92.1	10.0	04/25/2014	ND	207	103	200	12.5	

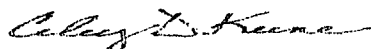
Surrogate: 1-Chlorooctane 110 % 65.2-140

Surrogate: 1-Chlorooctadecane 113 % 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 analysis. 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

STATE OF NEW MEXICO

COUNTY OF HARDING

HARDING COUNTY, NM
RECEPTION# 20634
06/11/2014 02:04:08 PM
BK 19 PAGE 10076
1 of 1
BY CELESTE YBARRA

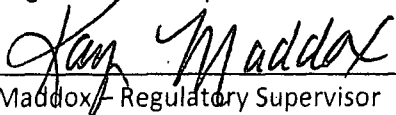
NOTICE OF PIT CLOSURE

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: DOROTEO 1927
Well No: 15-1
API No: 30-021-20586
TWN & RGE: TWN 19N RGE 27E Section 15
Unit Letter: F
Footages: 1875 FNL & 1807 FWL
Closure Date: 5/06/2014

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

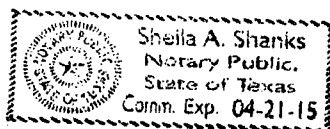
Whiting Petroleum Corporation
And its wholly owned subsidiary
Whiting Oil & Gas Corporation

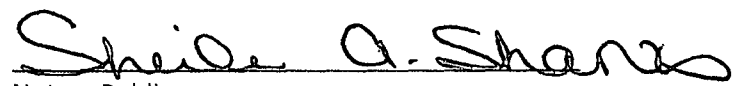

Kay Maddox, Regulatory Supervisor

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

DOROTEO 1927 Well # 15-1
30-021-20586
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