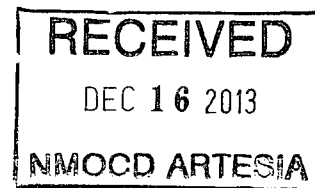


BOPCO



James Ranch Unit #73

CLOSURE REPORT

2RP-1235

API No. 30-015-28979

Release Date: July 14, 2012

Unit Letter C, Section 6, Township 23 South, Range 31 East

October 3, 2013

Prepared by:

Diversified Field Service, Inc.
Environmental Department
315 S. Leech St.
Hobbs, NM 88240
Phone: (575)397-6437
Fax: (575)393-2981

Table of Contents

- 1 Introduction
- 2 Site Activities
- 3 Conclusion

Figure – Site Diagram with Sample Data

APPENDICES

Appendix I – Initial Form C-141

Appendix II – Site Photographs

Appendix III – Groundwater Data

Appendix IV – Laboratory Analyses

Appendix V – Final Form C-141

James Ranch Unit #73

1 INTRODUCTION

Bass Enterprises Production Company (BOPCO) retained Diversified Field Service, Inc. (DFSI) to address environmental issues for the site detailed herein.

The site is located southeast of Carlsbad, NM, in Eddy County. The site resulted from a failure of the wellhead stuffing box. Produced water and crude oil were released onto approximately 7,250 square feet of the well pad. An initial form C-141 was submitted to the NMOCD on July 16, 2012 (Appendix I).

2 SITE ACTIVITIES

On September 10, 2013, DFSI personnel began excavating the impacted area to a depth of 1.5 ft. below ground surface (bgs) (Figure).

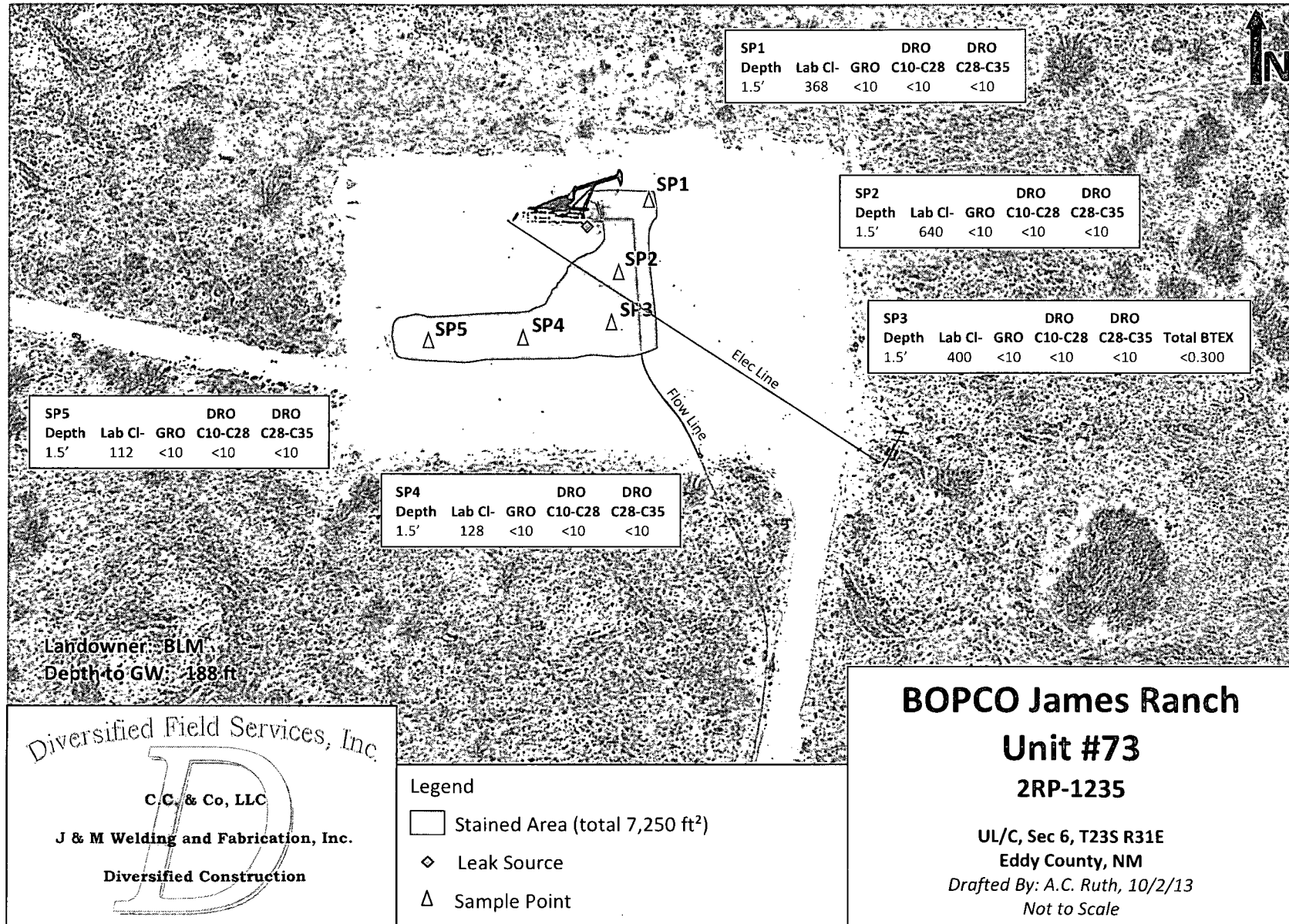
On September 16, 2013, DFSI collected soil samples from the bottom of the excavation. The samples were field screened for chloride. All of the floor samples were submitted to a commercial laboratory for chloride analyses. The sample collected at SP3 was also submitted for TPH and BTEX analyses (Appendix IV). Chloride remained at 640 mg/kg at SP2 and all other samples remained at 400 mg/kg or below. TPH and BTEX were non-detect in all samples.

All impacted soils were removed to a NMOCD approved disposal facility. Photographs of site activities can be viewed in Appendix II.

3 CONCLUSION

According to the NM Office of the State Engineer, depth to groundwater in the area averages 188 ft. bgs (Appendix III). Based on the removal of soils containing elevated chloride and visual staining at the site, DFSI, on behalf of BOPCO, submits the final form C-141 (Appendix V) and respectfully requests the closure of the regulatory file for the site.

Figure: Site Diagram with Sample Data



Appendix I

INITIAL FORM C-141

Diversified Field Service, Inc.
315 S. Leech St.
Hobbs, NM 88240
(575) 397-6437

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-141
Revised August 8, 2011

Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

Operator ☒ Initial Report ☐ Final Report

Name of Company: BOPCO, L.P. **260737** Contact: Tony Savoie
Address: 522 W. Mermod, Suite 704
Carlsbad, N.M. 88220 Telephone No. 432-556-8730
Facility Name: James Ranch Unit #73 Facility Type: Pumping well
Surface Owner: Federal Mineral Owner: Federal API No. 30-015-28979

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
C	6	23S	31E	330	North	1980	West	Eddy

Latitude: N 32.339866 Longitude: W 103.819202

NATURE OF RELEASE

Type of Release: Produced Water and crude oil	Volume of Release 5 bbls crude oil and 5 bbls produced water	Volume Recovered: None
Source of Release: Pumping well stuffing box packing	Date and Hour of Occurrence: 7/14/12 Time unknown	Date and Hour of Discovery: 7/14/12 Approximately 12:30 p.m.
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom? BLM at 9:00 a.m. 7/16/12	
By Whom? Tony Savoie	Date and Hour :	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	
If a Watercourse was Impacted, Describe Fully.*		
Describe Cause of Problem and Remedial Action Taken.* The well was shut in and the stuffing box packing was replaced.		
Describe Area Affected and Cleanup Action Taken.* Approximately 7250 sq.ft. of caliche well pad was affected by the release, all of the fluid had soaked into the ground upon discovery; a backhoe was used to scrape up the heavily saturated soil and was stockpiled on-site. The remediation will follow the NMOCD and BLM spill guidelines.		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
Signature: <u>Tony Savoie</u>	OIL CONSERVATION DIVISION	
Printed Name: Tony Savoie	Approved by Environmental Specialist	Signed By <u>Mike Benavidez</u>
Title: Waste Mgmt. and Remediation Specialist	Approval Date: Aug 01 2012	Expiration Date:
E-mail Address: <u>tasavoie@basspet.com</u>	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 7/16/12 Phone: 432-556-8730		

* Attach Additional Sheets If Necessary

Remediation per OCD Rules &
Guidelines. **SUBMIT REMEDIATION
PROPOSAL NOT LATER THAN:**

9/1/12

2RP-1235

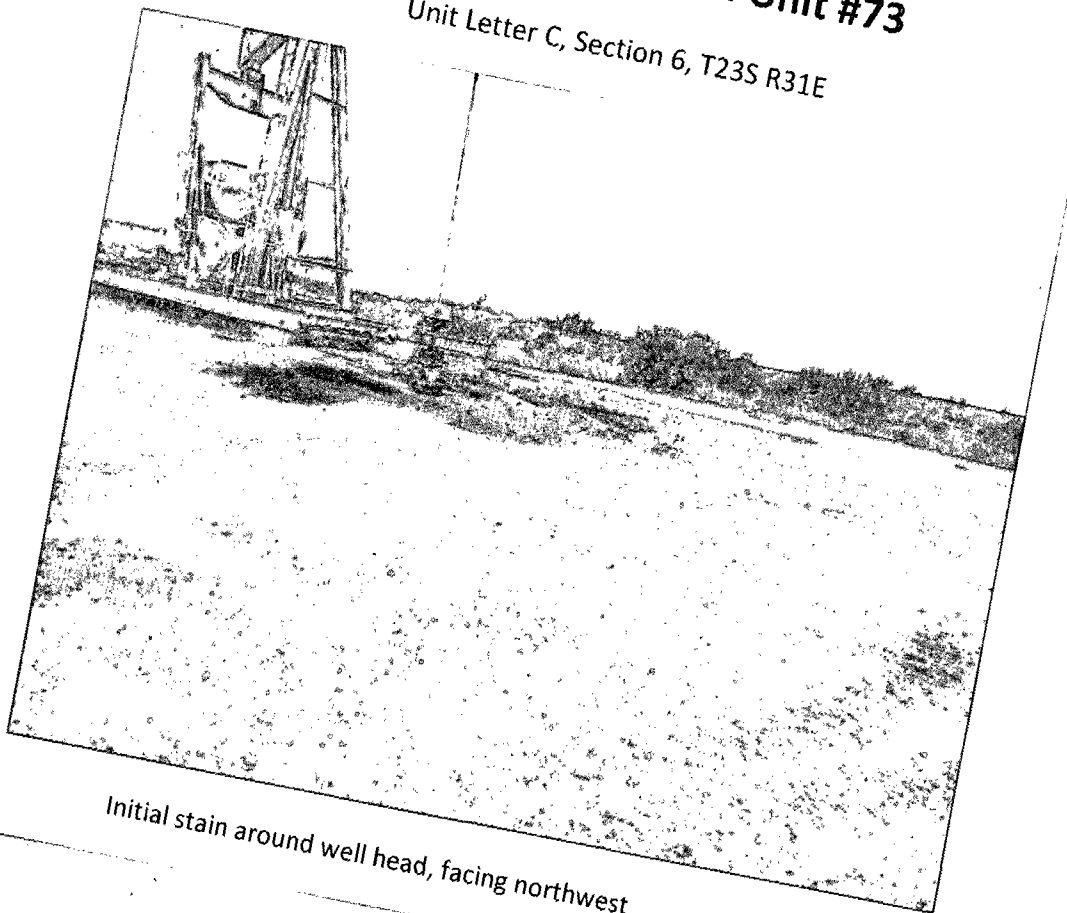
Appendix II

SITE PHOTOGRAPHS

Diversified Field Service, Inc.
315 S. Leech St.
Hobbs, NM 88240
(575) 397-6437

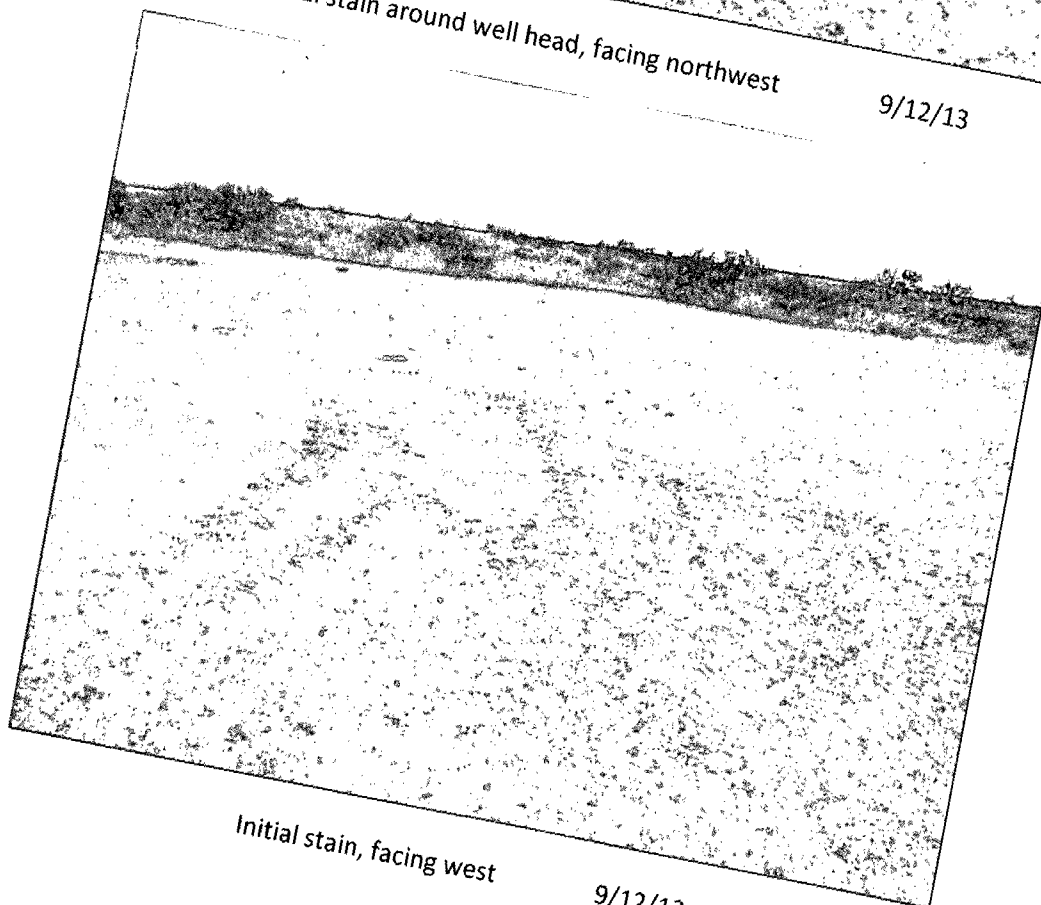
BOPCO James Ranch Unit #73

Unit Letter C, Section 6, T23S R31E



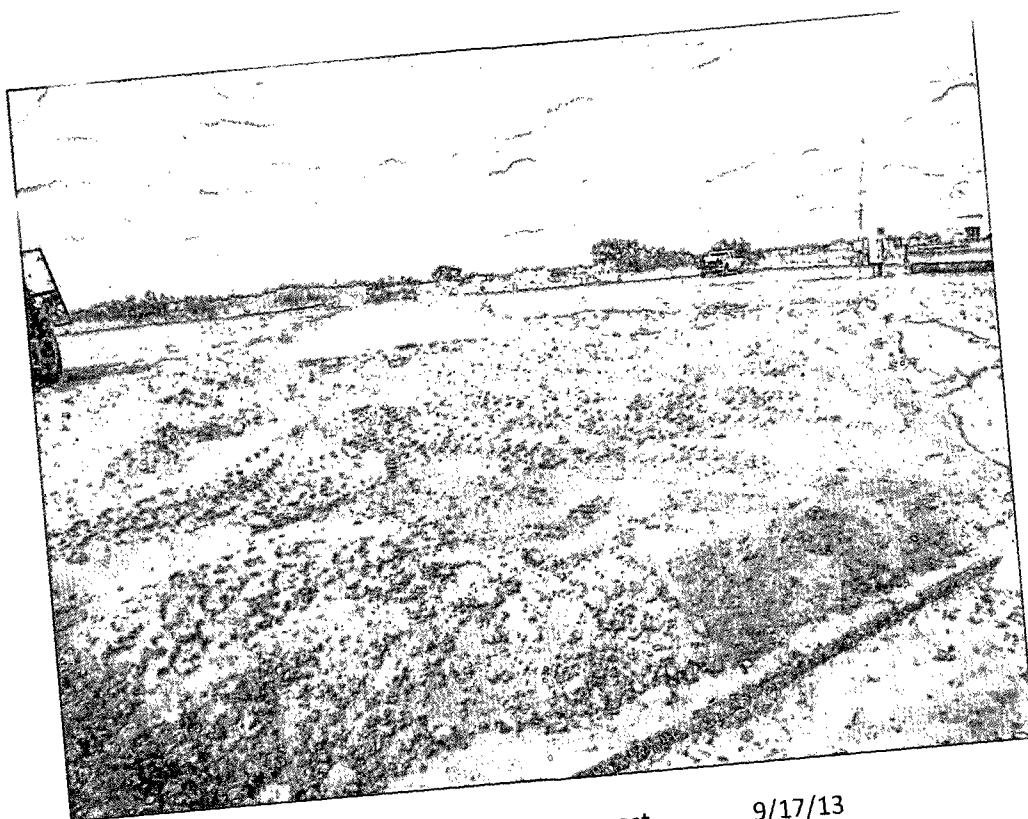
Initial stain around well head, facing northwest

9/12/13



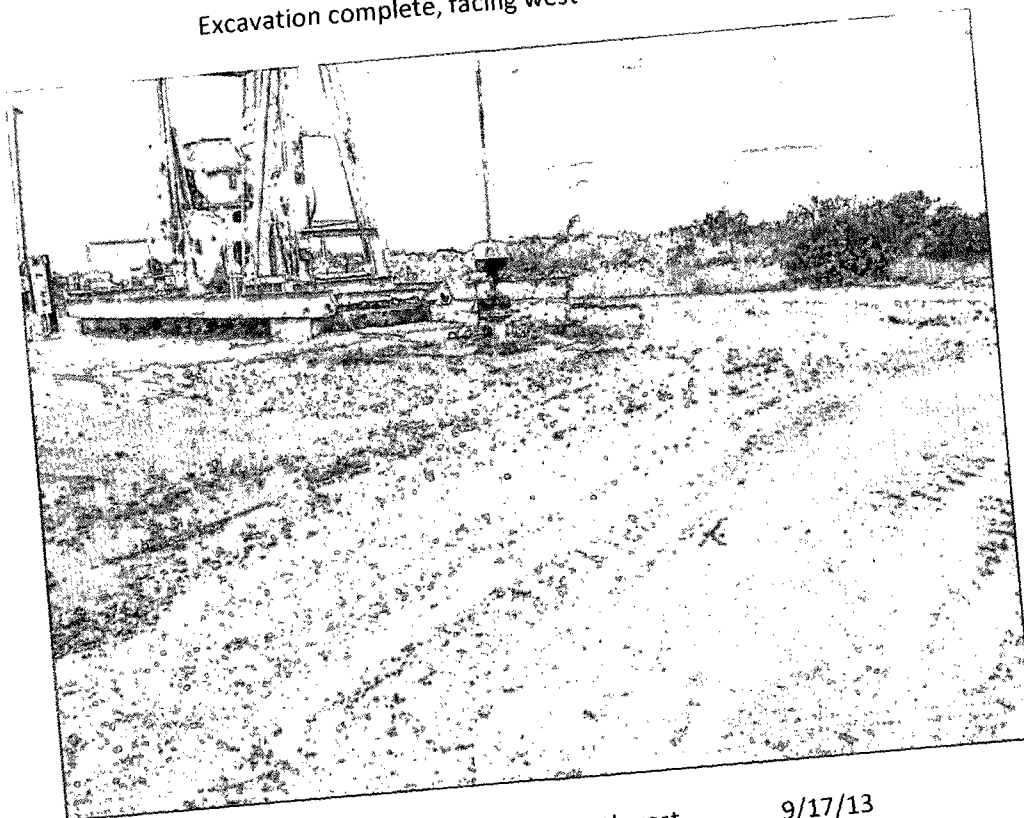
Initial stain, facing west

9/12/13



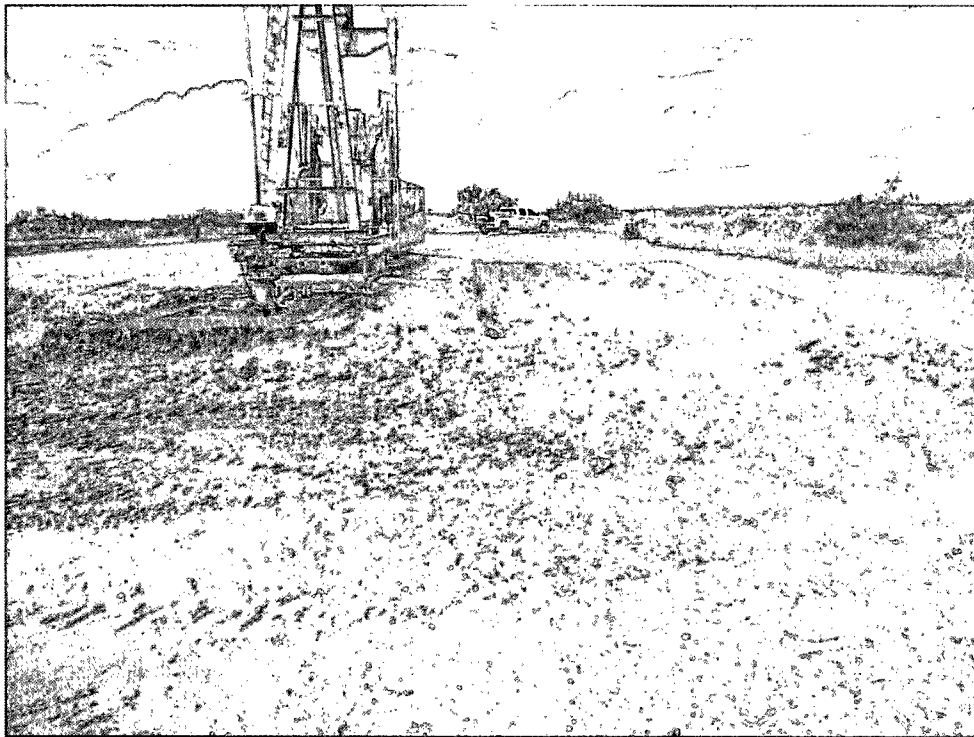
Excavation complete, facing west

9/17/13



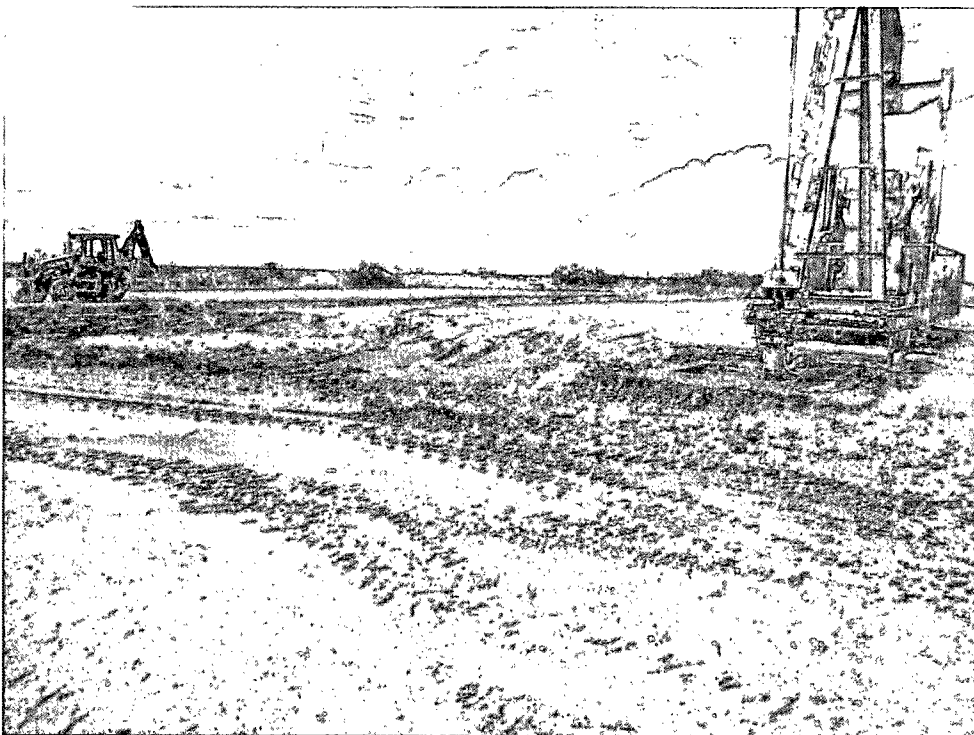
Excavation complete, facing northwest

9/17/13



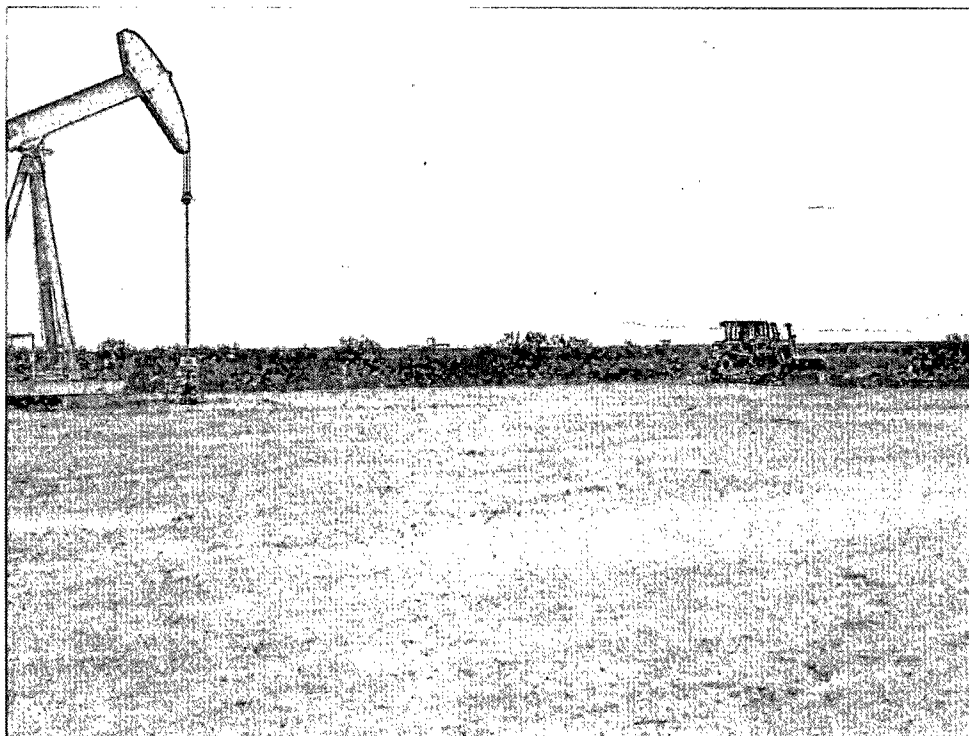
Excavation complete, facing west

9/17/13



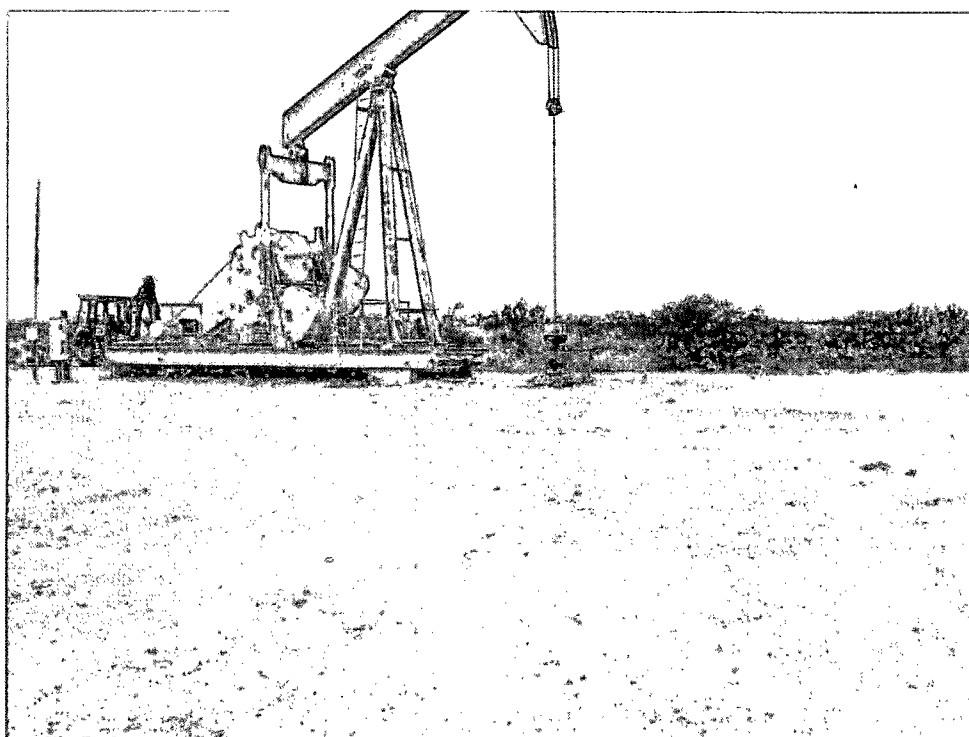
Excavation complete, facing west

9/17/13



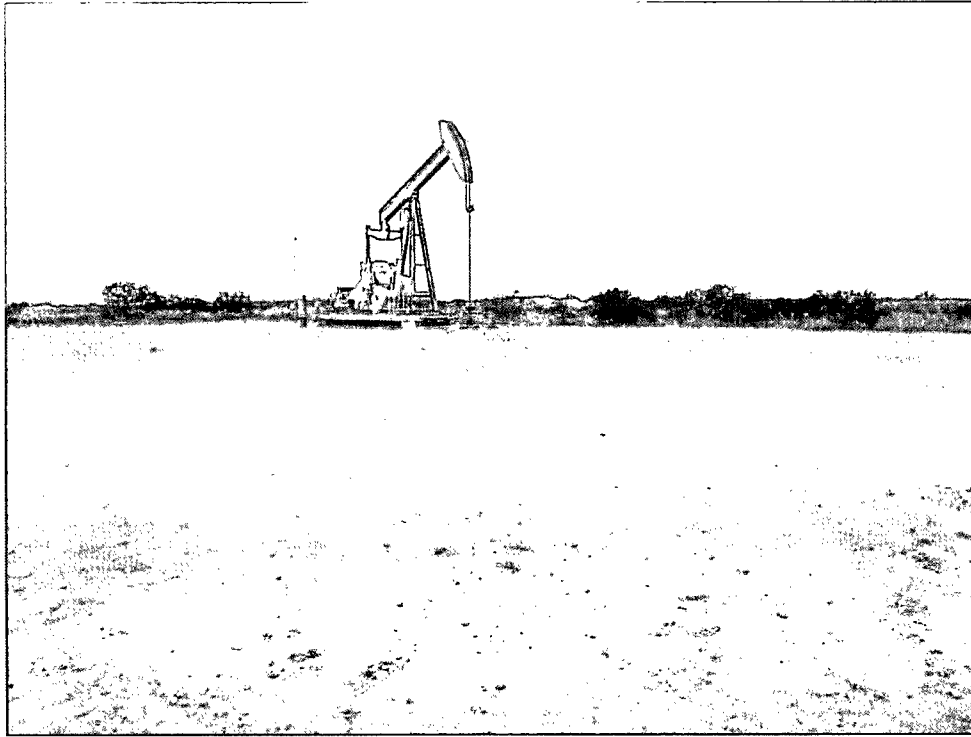
Excavation backfilled, facing northeast

9/19/13



Excavation backfilled, facing northwest

9/19/13



Excavation backfilled, facing northwest

9/19/13

Appendix III

GROUNDWATER DATA

Diversified Field Service, Inc.
315 S. Leech St.
Hobbs, NM 88240
(575) 397-6437

DEPTH TO GROUNDWATER

BOPCO James Ranch Unit #73

UL: C Sec: 6 T: 23S R: 31E

Groundwater Depth: ~188 ft. (averaged)

○ = NM Office of the State Engineer

NMOCD GW trend map - 125 to 150 ft bgs

● = U.S. Geological Survey (unknown well)

Date: 10/3/13

✕ = Site Location

By: Amy Ruth

T22S R30E				T22S R31E
	36	31	32	
T23S R30E	1	✕ 6	354' SNL MON ○ 5	T23S R31E
		85' JTT COM ○		
	12	125' JTT STK ○	7	8



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the
POD suffix indicates the
POD has been replaced
& no longer serves a
water right file.)

(R=POD has
been replaced,
O=orphaned,
C=the file is

closed) (quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	POD Sub- Code	basin	County	Q Q Q				Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
				64	16	4	4								
<u>C 02492</u>			ED	4	4	4	06	23S	31E		612056	3577320*	135	85	50
<u>C 02492 POD2</u>	C		ED	3	2	2	07	23S	31E		611767	3576996	400	125	275
<u>C 02664</u>			ED	3	3	2	05	23S	31E		613049	3578138*	4291	354	3937
<u>C 02725</u>			ED	1	1	1	05	23S	31E		612240	3578731*	532		
<u>C 02775</u>			ED	1	1	1	05	23S	31E		612240	3578731*	529		
<u>C 02776</u>			ED	2	1	1	05	23S	31E		612440	3578731*	661		
<u>C 02865</u>			ED	4	4	4	06	23S	31E		612056	3577320*	174		
<u>C 03520 POD1</u>	C		ED	3	1	1	07	23S	31E		610733	3576905	500		

Average Depth to Water: **188 feet**

Minimum Depth: **85 feet**

Maximum Depth: **354 feet**

Record Count: 8

PLSS Search:

Section(s): 6, 5, 7, 8

Township: 23S

Range: 31E

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



(quarters are smallest to largest) (NAD83 UTM in meters)


ACTIVE & INACTIVE POINTS OF DIVERSION



New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

(acre ft per annum)										(R=POD has been replaced and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE) C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)									
Sub										q q q									
WR File Nbr	basin	Use	Diversion	Owner	County	POD Number	Code	Grant	Source	6416 4	Sec	Tws	Rng	X	Y				
C 03668	C	STK	3	J T MILLS 2005 GST TRUST	ED	C 02492 POD2			Shallow	3	2	2	07	23S	31E	611767	3576996		

Record Count: 1

POD Search:

POD Number: C 02492 POD2

Sorted by: File Number

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10/3/13 10:47 AM

Page 1 of 1

ACTIVE & INACTIVE POINTS OF DIVERSION



New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

(R=POD has been replaced

and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE)

C=the file is closed)

(quarters are smallest to largest) (NAD83 UTM in meters)

WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Code Grant	Source	6416 4	Sec	Tws	Rng	X	Y	
C 02664	MON		0	SANDIA NATIONAL LABORATORIES	ED	C 02664		Shallow	3	3	2	05	23S	31E	613049 3578138*

Record Count: 1

POD Search:

POD Number: C 02664

Sorted by: File Number

*UTM location was derived from PLSS - see Help

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New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW#### in the
POD suffix indicates the
POD has been replaced
& no longer serves a
water right file.)

(R=POD has
been replaced,
O=orphaned,

C=the file is (quarters are 1=NW 2=NE 3=SW 4=SE)
closed) (quarters are smallest to largest)

(NAD83 UTM in meters) (In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Range	X	Y	Depth Well	Depth Water	Water Column
C 03139			ED	4	2	4	01	23S	30E	610424	3577764*	425		
C 03222 EXPLORE			ED	1	1	4	12	23S	30E	609833	3576349*	365		
C 03559 POD1	C		ED	4	3	2	01	23S	30E	609928	3578260	50	0	50
C 03559 POD2	C		ED	4	3	2	01	23S	30E	609928	3578260	25	0	25
C 03559 POD3	C		ED	4	3	2	01	23S	30E	609928	3578260	20	0	20
C 03559 POD4	C		ED	4	3	2	01	23S	30E	609928	3578260	25	0	25
C 03559 POD5	C		ED	4	3	2	01	23S	30E	609912	3578236	50		

Average Depth to Water: 0 feet

Minimum Depth: 0 feet

Maximum Depth: 0 feet

Record Count: 7

PLSS Search:

Section(s): 1, 12

Township: 23S

Range: 30E

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

(R=POD has been replaced
and no longer serves this file,

(quarters are 1=NW 2=NE 3=SW 4=SE)

C=the file is closed)

(quarters are smallest to largest) (NAD83 UTM in meters)

WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Code Grant	Source	q q q	Sec	Tws	Rng	X	Y
C 03559	C	EXP	0	BOPCO, LP	ED	C 03559 POD1		6416 4	4	3	01	23S 30E	609928	3578260

Record Count: 1

POD Search:

POD Number: C 03559 POD1

Sorted by: File Number

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

10/3/13 10:58 AM

Page 1 of 1

ACTIVE & INACTIVE POINTS OF DIVERSION



ACTIVE & INACTIVE POINTS OF DIVERSION



New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

										(R=POD has been replaced and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE) C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)									
(acre ft per annum)																			
Sub										q q q									
WR File Nbr	basin	Use	Diversion	Owner	County	POD	Number	Code	Grant	Source	6416	4	Sec	Tws	Rng	X	Y		
C 03559	C	EXP		0 BOPCO, LP	ED	C 03559	POD3			4	3	2	01	23S	30E	609928	3578260		



(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

ACTIVE & INACTIVE POINTS OF DIVERSION



New Mexico Office of the State Engineer **Water Column/Average Depth to Water**

No records found.

PLSS Search:

Section(s): 31, 32

Township: 22S

Range: 31E

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

10/3/13 11:05 AM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced,
O=orphaned,

C=the file is (quarters are 1=NW 2=NE 3=SW 4=SE)

closed) (quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-		Q Q Q				Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
	Code	basin	County	64	16	4								
<u>C 03561 POD1</u>	C	ED		3	2	3	36	22S	30E	609288	3579393	30	0	30
<u>C 03561 POD2</u>	C	ED		3	2	3	36	22S	30E	609314	3579424	25	0	25
<u>C 03561 POD3</u>	C	ED		3	2	3	36	22S	30E	609393	3579425	25	0	25
<u>C 03561 POD4</u>	C	ED		3	2	3	36	22S	30E	609419	3579425	25	0	25
<u>C 03561 POD5</u>	C	ED		3	2	3	36	22S	30E	609419	3579425	20	0	20

Average Depth to Water: 0 feet

Minimum Depth: 0 feet

Maximum Depth: 0 feet

Record Count: 5

PLSS Search:

Section(s): 36

Township: 22S

Range: 30E

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Code Grant	Source	q q q	6416 4	Sec	Tws	Rng	X	Y	
C 03561	C	EXP	0	BOPCO, LP	ED	C 03561 POD1			3	2	3	36	22S	30E	609288	3579393

Record Count: 1

POD Search:

POD Number: C 03561 POD1

Sorted by: File Number

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

10/3/13 11:07 AM

Page 1 of 1

ACTIVE & INACTIVE POINTS OF DIVERSION



New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

(R=POD has been replaced
and no longer serves this file,

(quarters are 1=NW 2=NE 3=SW 4=SE)

C=the file is closed)

(quarters are smallest to largest) (NAD83 UTM in meters)

WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Code Grant	Source	q q q	Sec	Tws	Rng	X	Y
C 03561	C	EXP	0	BOPCO, LP	ED	C 03561 POD2		6416 4	3 2 3	36	22S	30E	609314	3579424

Record Count: 1

POD Search:

POD Number: C 03561 POD2

Sorted by: File Number

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

10/3/13 1:32 PM

Page 1 of 1

ACTIVE & INACTIVE POINTS OF DIVERSION



New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

WR File Nbr	Sub	basin	Use	Diversion	Owner	County	POD Number	Code Grant	Source	q q q	Sec	Tws	Rng	X	Y
C 03561	C	EXP			0 BOPCO, LP	ED	C 03561 POD3			6416 4	36	22S	30E	609392	3579425

(R=POD has been replaced
and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE)
C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)

Record Count: 1

POD Search:

POD Number: C 03561 POD3

Sorted by: File Number

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

10/3/13 1:32 PM

Page 1 of 1

ACTIVE & INACTIVE POINTS OF DIVERSION



New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

										(R=POD has been replaced and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE) C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)									



New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

(R=POD has been replaced
and no longer serves this file,

(quarters are 1=NW 2=NE 3=SW 4=SE)

C=the file is closed)

(quarters are smallest to largest) (NAD83 UTM in meters)

WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Code	Grant	Source	6416	4	Sec	Tws	Rng	X	Y	
C 03561	C	EXP		0 BOPCO, LP	ED	C 03561	POD5			3	2	3	36	22S	30E	609418	3579425

Record Count: 1

POD Search:

POD Number: C 03561 POD5

Sorted by: File Number

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

Appendix IV

LABORATORY ANALYSES

Diversified Field Service, Inc.
315 S. Leech St.
Hobbs, NM 88240
(575) 397-6437

September 24, 2013

AMY RUTH

DIVERSIFIED FIELD SERVICES, INC.

P. O. BOX 5966

HOBBS, NM 88241

RE: JAMES RANCH #73

Enclosed are the results of analyses for samples received by the laboratory on 09/18/13 13:23.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. 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_accred_certif.html.

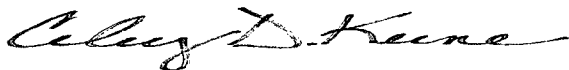
Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

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

Analytical Results For:

 DIVERSIFIED FIELD SERVICES, INC.
 AMY RUTH
 P. O. BOX 5966
 HOBBS NM, 88241
 Fax To: (575) 393-2981

 Received: 09/18/2013
 Reported: 09/24/2013
 Project Name: JAMES RANCH #73
 Project Number: NONE GIVEN
 Project Location: EDDY COUNTY, NM

 Sampling Date: 09/16/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 1 @ 1.5' (H302270-01)

Chloride, SM4500Cl-B			mg/kg Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	09/19/2013	ND	432	108	400	3.77		
TPH 8015M			mg/kg Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	09/24/2013	ND	203	101	200	2.83		
DRO >C10-C28	<10.0	10.0	09/24/2013	ND	199	99.4	200	0.956		
EXT DRO >C28-C35	<10.0	10.0	09/24/2013	ND						
Surrogate: 1-Chlorooctane	118 %	65.2-140								
Surrogate: 1-Chlorooctadecane	122 %	63.6-154								

Sample ID: SP 2 @ 1.5' (H302270-02)

Chloride, SM4500Cl-B			mg/kg Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	640	16.0	09/19/2013	ND	432	108	400	3.77		
TPH 8015M			mg/kg Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	09/19/2013	ND	203	101	200	2.83		
DRO >C10-C28	<10.0	10.0	09/19/2013	ND	199	99.4	200	0.956		
EXT DRO >C28-C35	<10.0	10.0	09/19/2013	ND						
Surrogate: 1-Chlorooctane	97.9 %	65.2-140								
Surrogate: 1-Chlorooctadecane	106 %	63.6-154								

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DIVERSIFIED FIELD SERVICES, INC.
AMY RUTH
P. O. BOX 5966
HOBBS NM, 88241
Fax To: (575) 393-2981

Received: 09/18/2013
Reported: 09/24/2013
Project Name: JAMES RANCH #73
Project Number: NONE GIVEN
Project Location: EDDY COUNTY, NM

Sampling Date: 09/16/2013
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 3 @ 1.5' (H302270-03)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/20/2013	ND	2.20	110	2.00	1.51	
Toluene*	<0.050	0.050	09/20/2013	ND	2.03	102	2.00	1.07	
Ethylbenzene*	<0.050	0.050	09/20/2013	ND	2.06	103	2.00	2.06	
Total Xylenes*	<0.150	0.150	09/20/2013	ND	6.18	103	6.00	2.97	
Total BTEX	<0.300	0.300	09/20/2013	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	09/19/2013	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/19/2013	ND	203	101	200	2.83	
DRO >C10-C28	<10.0	10.0	09/19/2013	ND	199	99.4	200	0.956	
EXT DRO >C28-C35	<10.0	10.0	09/19/2013	ND					

Surrogate: 1-Chlorooctane 97.3 % 65.2-140

Surrogate: 1-Chlorooctadecane 104 % 63.6-154

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Celest D. Keene, Lab Director/Quality Manager

Analytical Results For:

 DIVERSIFIED FIELD SERVICES, INC.
 AMY RUTH
 P. O. BOX 5966
 HOBBS NM, 88241
 Fax To: (575) 393-2981

 Received: 09/18/2013
 Reported: 09/24/2013
 Project Name: JAMES RANCH #73
 Project Number: NONE GIVEN
 Project Location: EDDY COUNTY, NM

 Sampling Date: 09/16/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 4 @ 1.5' (H302270-04)

Chloride, SM4500CI-B			mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	09/19/2013	ND	432	108	400	3.77		
TPH 8015M			mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	09/19/2013	ND	180	89.8	200	5.90		
DRO >C10-C28	<10.0	10.0	09/19/2013	ND	167	83.3	200	9.08		
EXT DRO >C28-C35	<10.0	10.0	09/19/2013	ND						
Surrogate: 1-Chlorooctane	108 %	65.2-140								
Surrogate: 1-Chlorooctadecane	118 %	63.6-154								

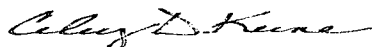
Sample ID: SP 5 @ 1.5' (H302270-05)

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	09/19/2013	ND	432	108	400	3.77		
TPH 8015M			mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	09/19/2013	ND	180	89.8	200	5.90		
DRO >C10-C28	<10.0	10.0	09/19/2013	ND	167	83.3	200	9.08		
EXT DRO >C28-C35	<10.0	10.0	09/19/2013	ND						
Surrogate: 1-Chlorooctane	104 %	65.2-140								
Surrogate: 1-Chlorooctadecane	111 %	63.6-154								

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Celey D. Keene, Lab Director/Quality Manager

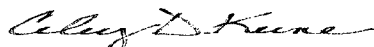
Notes and Definitions

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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Celey D. Keene, Lab Director/Quality Manager



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Relinquished By: 		Date: 9-18-13	Received By: 	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Time: 1323		Date: 9-18-13	Received By: 	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By: 		Date: 9-18-13	Received By: 	REMARKS:	
Time: 1323		Date: 9-18-13	Received By: 	Email results:	
Delivered By: (Circle One)		Sample Condition		STWalters@BassPet.com	
Sampler - UPS - Bus - Other:		Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No		aruth@diversifiedfsi.com	
-9.6°C		CHECKED BY: 			

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

#54

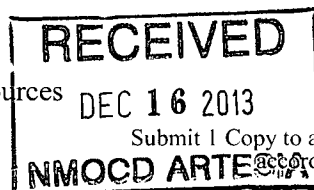
Appendix V

FINAL FORM C-141

Diversified Field Service, Inc.
315 S. Leech St.
Hobbs, NM 88240
(575) 397-6437

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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



Form C-141
Revised August 8, 2011

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company	BOPCO, L.P.	Contact	Tony Savoie
Address	522 W. Mermod, Suite 704, Carlsbad, NM 88220	Telephone No.	432-556-8730
Facility Name	James Ranch Unit #73	Facility Type	Pumping Well
Surface Owner	Federal	Mineral Owner	Federal
		API No.	30-015-28979

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
C	6	23S	31E	330	FNL	1980	FWL	Eddy

Latitude 32.339866° N Longitude 103.819202° W

NATURE OF RELEASE

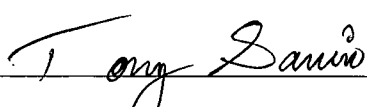
Type of Release	Produced Water and Crude Oil	Volume of Release	5/5	Volume Recovered	0/0
Source of Release	Poly Pipeline	Date and Hour of Occurrence	7/14/2012 time unknown	Date and Hour of Discovery	7/14/2012 12:30 pm
Was Immediate Notice Given?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	BLM		
By Whom?	Tony Savoie	Date and Hour	7/16/12 9 am		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*
The well was shut in and the stuffing box packing was replaced.

Describe Area Affected and Cleanup Action Taken.*
Approximately 7250 sq. ft. of caliche well pad was affected by the leak. Initial heavily saturated soils were removed from the surface of the impacted area. The site was excavated to 1.5 ft. below ground surface. Soil samples were collected from the excavation bottom. The samples were field screened and submitted to a commercial laboratory for chloride and TPH confirmation. The site was backfilled with caliche and the area was dressed.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: 	<u>OIL CONSERVATION DIVISION</u>		
Printed Name: Tony Savoie	Approved by Environmental Specialist:		
Title: Waste Mgmt. and Remediation Specialist	Approval Date:	Expiration Date:	
E-mail Address: tasavoie@basspet.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: <u>10/22/13</u> Phone: (432)556-8730			

* Attach Additional Sheets If Necessary