

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

State of New Mexico
Energy Minerals and Natural
Resources Department

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

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	nAPP2320031997
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: Stephens & Johnson Operating Co.	OGRID: 19958
Contact Name: Mike Kincaid	Contact Telephone: 940-716-5333
Contact email: mkincaid@sjoc.net	Incident# (assigned by OCD) nAPP2320031997
Contact mailing address: PO Box 2249 Wichita Falls, TX 76307-2249	

Location of Release Source

Latitude 32.0204945 Longitude -103.9643031
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Mobil "22" Federal Tank Battery	Site Type Tank Battery
Date Release Discovered Unknown	API# (if applicable) 30-015-24955

Unit Letter	Section	Township	Range	County
P	22	26S	29E	Eddy

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (Name: Ross Ranch _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) Unknown	Volume Recovered (bbls) 0
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) Unknown	Volume Recovered (bbls) 0
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

Legacy Releases of unknown occurrences. See attached data collected to date. Recent correspondence is attached.

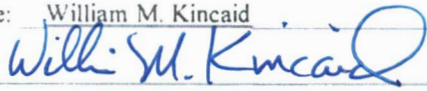
Page 2

Incident ID	nAPP2320031997
District RP	
Facility ID	
Application ID	

<p>Was this a major release as defined by 19.15.29.7(A) NMAC?</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>If YES, for what reason(s) does the responsible party consider this a major release?</p>
<p>If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?</p>	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

<input checked="" type="checkbox"/> The source of the release has been stopped.	
<input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment.	
<input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
<input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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.	
Printed Name: <u>William M. Kincaid</u>	Title: <u>Petroleum Engineer</u>
Signature: <u></u>	Date: <u>7/19/2023</u>
email: <u>mkincaid@s.joc.net</u>	Telephone: <u>940-716-5333</u>
<u>OCD Only</u>	
Received by: <u>Shelly Wells</u>	Date: <u>7/19/2023</u>

Andrew Parker

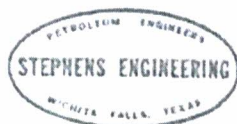
From: Christopher Cortez <chris@atkinseng.com>
Sent: Thursday, July 13, 2023 11:05 AM
To: Andrew Parker
Subject: FW: [EXTERNAL] SJOC Mobil 22 CTB

From: Mike Kincaid <MKincaid@sjoc.net>
Sent: Wednesday, June 21, 2023 2:54 PM
To: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Morgan, Crisha A <camorgan@blm.gov>; Lucas Middleton <lucas@atkinseng.com>; dwmeyer@verizon.net
Cc: Christopher Cortez <chris@atkinseng.com>
Subject: RE: [EXTERNAL] SJOC Mobil 22 CTB

Mr. Bratcher,

Please be advised that Lucas Middleton of Atkins Engineering Associates, Inc has been and will continue to be the third party environmental contractor to perform investigations, formulate proposals and file all necessary OCD forms necessary for this contamination case. Unfortunately, Lucas Middleton is away on vacation through June 28, 2023. As a result, I would respectfully request that a ten day extension to the deadlines expressed in your email below be granted to Stephens & Johnson Operating Co.

Your consideration in the matter will be greatly appreciated.



STEPHENS & JOHNSON OPERATING CO.

WILLIAM (MIKE) KINCAID | PETROLEUM ENGINEER
PO BOX 2249 | WICHITA FALLS, TX 76307-2249
8116" ST., STE 300 | WICHITA FALLS, TX 76301-5322
WORK (940) 723-2166 | CELL (940) 704-0063
FAX (940) 723-8113 | MKINCAID@SJOC.NET

From: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Sent: Thursday, June 15, 2023 11:07 AM
To: Mike Kincaid <MKincaid@sjoc.net>; Morgan, Crisha A <camorgan@blm.gov>; Lucas Middleton <lucas@atkinseng.com>; dwmeyer@verizon.net
Subject: RE: [EXTERNAL] SJOC Mobil 22 CTB

RE: Stephens & Johnson Operating Company (OGRID: 19958)
Mobil 22 Federal 001
30-015-24955
P-22-26s-29e

Eddy County, New Mexico

Mr. Kincaid,

Based on analytical data obtained in the vicinity of the former tank battery area that was situated at the above referenced production well site, the Oil Conservation Division (OCD) requests Stephens & Johnson Operating Company (SJOC) initiate a complete vertical and horizontal delineation of any and all impacted soils that may exist at, or in the immediate vicinity of, this production well and tank battery site. In addition, and again based on previously obtained analytical data, OCD requests SJOC initiate an investigation into potential groundwater contamination that may exist at this production site. SJOC will need to retain third party environmental contractor/contractors to perform these investigations and formulate proposals that may be necessary for the identification and remediation of impacted soils and any contaminated ground water that may be identified, as a result of produced fluid releases that have occurred at this production site. OCD requests SJOC submit a Form C-141 through OCD Permitting for "Legacy Releases" believed to have occurred at this site. This submittal will generate an Incident Number that will be utilized to track and document this project as it progresses. OCD requests that all previously obtained analytical data from this site, as well as this and all past correspondence and/or directives pertaining to potential contamination at this site, be included with the initial C-141 submittal. Please note that investigation and remedial efforts will be subject to OCD rules, regulations and directives, as well as Bureau of Land Management (BLM) rules, regulations and directives as may be applicable.

OCD notes the following open "Incidents" (unauthorized produced fluid releases) associated with this production site:

NMCS0331657138 (Dated 07/16/2004)

NAB1819054040 (Date of discovery listed as 06/24/2018)

NAB1822243840 (Date of discovery listed as 07/27/2018)

NAB1822240516 (Date of discovery listed as 07/26/2018)

These open incidents are to be addressed by SJOC during this investigation/remediation process. OCD notes that one of the last two incidents listed may be a duplicate entry. If so, OCD will close any duplicated entry.

The requested form C-141 is to be submitted not later than 15 (fifteen) days from the date of this correspondence. Delineation efforts are to commence not later than 30 (thirty) days from the date of this correspondence. If for any reason these deadlines can not be met, SJOC is to immediately contact OCD and BLM with reasoning for why the deadlines can not be met and a proposed date for compliance with the deadlines.

If after reviewing this correspondence SJOC believes a meeting is necessary, please advise. Be aware that OCD will not, for the most part, give specific direction for formulating proposals. It is SJOC's responsibility to have proposals formulated for review by OCD and BLM.

Thank you,

Mike Bratcher • Incident Supervisor
Environmental Bureau
EMNRD - Oil Conservation Division
506 W. Texas Ave | Artesia, NM 88210
(575) 626-0857 | mike.bratcher@emnrd.nm.gov
<http://www.emnrd.nm.gov/ocd>



From: Mike Kincaid <MKincaid@sjoc.net>
 Sent: Wednesday, June 14, 2023 3:43 PM
 To: Morgan, Crisha A <camorgan@blm.gov>; Lucas Middleton <lucas@atkinseng.com>; Bratcher, Michael, EMNRD <mike.bratcher@emnrn.nm.gov>; dwmeyer@verizon.net
 Subject: [EXTERNAL] SJOC Mobil 22 CTB

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

All,

Stephens & Johnson Operating Co. (SJOC) is requesting a joint meeting of all parties for the purpose of creating a detailed outline of the requirements and procedures for the complete vertical and horizontal delineation of the subject site and for the remediation and monitoring of the contamination. If monitor wells are required, then we would need to know the location, number and exact purpose of the monitor wells.

Due to the overlapping nature of authority between the New Mexico OCD and the BLM it would be in the best interest of all parties that both the NMOCD and the BLM approve any overall plan that is ultimately submitted by SJOC. Naturally the surface owner would also need to agree to the resulting plan.

Therefore, SJOC respectfully requests a joint meeting of the New Mexico OCD, the BLM, surface owner George Ross Ranch, LLC and SJOC's representative in this matter Lucas Middleton of Atkins Engineering Associates, Inc.

Mr. Bratcher, it is my understanding that you indicated you would be assigning a hydrologist to this case and assuming this hydrologist would be present at the joint meeting I would suggest that you put forth a location and some possible dates and times for the joint meeting so that we could all agree on a suitable date and time for all parties.

Thank you all for your consideration in this matter.



STEPHENS & JOHNSON OPERATING CO.

WILLIAM (MIKE) KINCAID | PETROLEUM ENGINEER
 PO BOX 2219 | WICHITA FALLS, TX 76307-2219
 8116TH ST., STE 300 | WICHITA FALLS, TX 76301-5322
 WORK (940) 723-2166 | CELL (940) 704-0063
 FAX (940) 723-8113 | MKINCAID@SJOC.NET

From: Morgan, Crisha A <camorgan@blm.gov>
 Sent: Wednesday, June 14, 2023 1:11 PM
 To: Lucas Middleton <lucas@atkinseng.com>; Bratcher, Michael, EMNRD <mike.bratcher@state.nm.us>; dwmeyer@verizon.net; Mike Kincaid <MKincaid@sjoc.net>
 Cc: Morgan, Crisha A <camorgan@blm.gov>
 Subject: Re: [EXTERNAL] FW: mobil22

All,

This is the last information that the BLM has received on the progress of clean up at the Mobil 22 CTB. Where are we at for the complete vertical and horizontal delineation of this site? Has a remediation plan been made for clean up and/or monitoring wells that was advised many years ago by the NMOCD? The BLM will not continue to let this contamination sit. Please advise updates. Failure to do so will result in immediate enforcement action.

Thank you,

Cris ha A. Morgan | Certified - Environmental Protection Specialist | Program Officer | COR | Spills Coordinator | Orphaned Well POC Lead
Bureau of Land Management | Carlsbad Field Office
620 E. Greene Street Carlsbad, NM 88220
Cell 575-200-8648 | Office 575-234-5987 | camorgan@blm.gov



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From: Lucas Middleton <lucas@atkinseng.com>
Sent: Tuesday, September 6, 2022 11:37 AM
To: mike.bratcher@state.nm.us <mike.bratcher@state.nm.us>; dwmeyer@verizon.net <dwmeyer@verizon.net>;
Morgan, Crisha A <camorgan@blm.gov>
Cc: Mike Kincaid <MKincaid@sjoc.net>
Subject: [EXTERNAL] FW: mobil22

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

To all, See attached map of the EM survey. This show the top four feet of the soil.

Mike Bratcher we are open this week to discuss the hydrology portion of this project. Let me know when a good time for you is

Lucas

Below is a explain of the color map

The conductivity values are not specific values from discrete depths; they are weighted averages of conductivity between the surface and the depth of exploration of the EM field and are termed "apparent conductivities". The apparent conductivity values obtained are in units of millisiemens per meter (mS/m). The apparent conductivity (ECa) of the soil

has been related to the paste extract conductivity (ECe) by the relationship $ECa = 5ECe$ (McNeill, 1986a). Table 2 (from McNeill, 1986a) illustrates this general relationship. Measurements are expressed in millisiemens/meter (mS/m).

Table 2. ECe to ECa Conversion

Soil Conductivity vs Salinity (from McNeill, 1986a)			
Salinity (NRCS)	ECe (mS/cm) (Lab)	ECa (mS/m) (EM-38)	Figure #2 Color
NRCS Soil Background	0-2	0-20	White
Slight	2-4	40-80	Green
Moderate	4-8	80-100	Yellow-Orange
High	8-12	160-240	Red
Saline	>12	>240	Purple

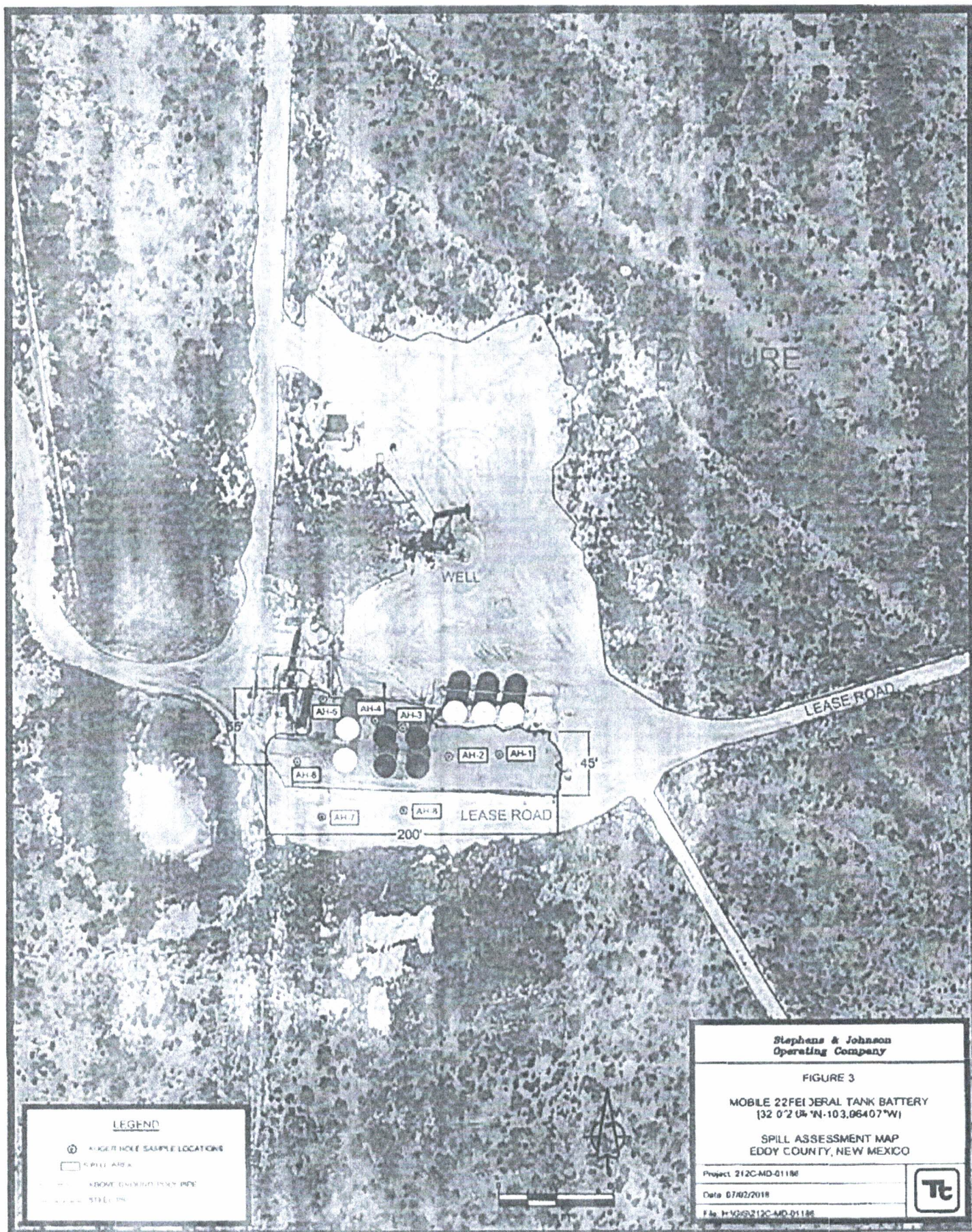


Table 1
Stephens & Johnson
Mobil 22 Federal TB
Eddy County, New Mexico

Sample ID	Sample Date	Sample Depth (ft)	BEB Sample Depth (in)	Soil Status		Chloride (mg/kg)
				In-Situ	Removed	
AH-1	6/20/2018	0-1	-	X		17,700
AH-2	6/20/2018	0-1	-	X		15,400
	"	1-1.5	-	X		12,500
AH-3	6/20/2018	0-1	-	X		2,960
	"	1-1.5	-	X		2,050
AH-4	6/20/2018	0-1	-	X		2,580
	"	1-1.5	-	X		3,200
AH-5	6/20/2018	0-1	-	X		25,200
	"	1-1.5	-	X		13,300
AH-6	6/20/2018	0-1	-	X		714
	"	1-1.5	-	X		752
AH-7	6/20/2018	0-1	-	X		17,700
	"	1-1.5	-	X		12,600
AH-8	6/20/2018	0-1	-	X		7,150

(-) Not Analyzed



Table 1
 Stephens & Johnson
 Mobil 22 Federal TB
 Eddy County, New Mexico

Sample ID	Sample Date	Sample Depth (ft)	BEB Sample Depth (in)	Soil Status		Chloride (mg/kg)
				In-Situ	Removed	
AH-1	6/20/2018	0-1	-	X		17,700
BH-1	9/26/2018	0-1	-	X		6,710
	"	2-3	-	X		4,960
	"	4-5	-	X		4,170
	"	6-7	-	X		8,060
	"	9-10	-	X		5,270
	"	14-15	-	X		6,720
	"	19-20	-	X		10,600
	"	24-25	-	X		3,180
	"	29-30	-	X		11,800
	"	34-35	-	X		9,880
	"	39-40	-	X		9,680
AH-2	6/20/2018	0-1	-	X		15,400
	"	1-1.5	-	X		12,500
BH-2	9/26/2018	0-1	-			10,500
	"	2-3	-			4,270
	"	4-5	-			4,230
	"	6-7	-			3,070
	"	9-10	-			1,930
	"	14-15	-			3,240
	"	19-20	-			2,200
	"	24-25	-			4,740
	"	29-30	-			5,710
	"	34-35	-			3,780
	"	39-40	-			3,720
	"	44-45	-			5,470
	"	49-50	-			6,590
AH-3	6/20/2018	0-1	-	X		2,960
	"	1-1.5	-	X		2,030
AH-4	6/20/2018	0-1	-	X		2,580
	"	1-1.5	-	X		3,200
AH-5	6/20/2018	0-1	-	X		25,200
	"	1-1.5	-	X		13,300
AH-6	6/20/2018	0-1	-	X		714
	"	1-1.5	-	X		752
AH-7	6/20/2018	0-1	-	X		17,700
	"	1-1.5	-	X		12,600
AH-8	6/20/2018	0-1	-	X		7,150
Background	9/26/2018	0-1	-	X		239
	"	2-3	-	X		368
	"	4-5	-	X		109
	"	6-7	-	X		65.7
	"	9-10	-	X		198
	"	14-15	-	X		714
	"	19-20	-	X		<4.88
	"	24-25	-	X		21

no label
 6/20/2018
 Carmona will ask
 Shelly Tucker

Table #1
 Stephens & Johnson
 Mobil 22 Federal TB
 Eddy County, New Mexico

Sample ID	Sample Date	Sample Depth (ft)	BEB Sample Depth (in)	Soil Status		Chloride (mg/kg)
				In-Situ	Removed	
Lease Rd BH	11/7/2018	0-1	-	X		5,110
	"	2-3	-	X		4,200
	"	4-5	-	X		2,100
	"	5-7	-	X		1,210
	"	9-10	-	X		1,060
	"	14-15	-	X		2,840
	"	19-20	-	X		2,900
	"	24-25	-	X		771
	"	29-30	-	X		894
	"	34-35	-	X		231
	"	39-40	-	X		263
Background	9/26/2018	0-1	-	X		239
	"	2-3	-	X		368
	"	4-5	-	X		109
	"	6-7	-	X		857
	"	9-10	-	X		168
	"	14-15	-	X		714
	"	19-20	-	X		<4.98
	"	24-25	-	X		21

(1) Not Analyzed
 Exceeds BLM threshold of
 600 mg/kg

Location: Mobil 22 Fed #1				
Date: 3/1/2022				
Sampled by: Lucas Middleton (Splits)				
Location	Depth(Feet)	BTEX (mg/kg)	Chlorides (mg/kg)	TPH(mg/kg)
BH-1	0-1	<0.050	3720	2483
BH-1	2	<0.050	2680	508
BH-1	3	<0.050	3400	307.8
BH-1	4	<0.050	3240	701
BH-1	5	<0.050	3000	487.4
BH-1	7	<0.050	1640	632
BH-1	10	<0.050	3480	508
BH-1	15	<0.050	2760	52.7
BH-1	20	<0.050	2520	<10.0
BH-1	30	<0.050	3640	<10.0
BH-1	35	<0.050	3200	<10.0
BH-1	40	<0.050	3160	<10.0
BH-2	0-1	<0.050	4360	7150
BH-2	2	<0.050	4160	28
BH-2	3	<0.050	3840	<10.0
BH-2	5	<0.050	1440	<10.0
BH-2	7	<0.050	336	<10.0
West Boring	0-1	<0.050	6240	462
West Boring	2	<0.050	10000	41.6

Mobil 22 Fed #1

Soil Boring ID	Sample Interval (ft. bgs)	Date	TPH- DRO (mg/Kg)	TPH- GRO (mg/Kg)	TPH- MRO (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Total Xylenes (mg/Kg)	Total TPH GRO/DRO (mg/Kg)	Total BTEX (mg/Kg)	Chloride (mg/Kg)
TW-1	4-6	7/25/2022	<10.00	<10.00	<10.00	<0.050	<0.050	<0.050	<0.150	<10.00	<0.300	1600
TW-1	9-11	7/25/2022	<10.00	<10.00	<10.00	<0.050	<0.050	<0.050	<0.150	<10.00	<0.300	1230
TW-1	14-16	7/25/2022	<10.00	<10.00	<10.00	<0.050	<0.050	<0.050	<0.150	<10.00	<0.300	688
TW-1	19-21	7/25/2022	--	--	--	--	--	--	--	--	--	1090
TW-1	24-26	7/25/2022	--	--	--	--	--	--	--	--	--	720
TW-1	29-31	7/25/2022	--	--	--	--	--	--	--	--	--	3400
TW-1	34-36	7/25/2022	--	--	--	--	--	--	--	--	--	1490
TW-1	39-41	7/25/2022	--	--	--	--	--	--	--	--	--	2880
TW-1	44-46	7/25/2022	--	--	--	--	--	--	--	--	--	4080
TW-1	49-51	7/25/2022	--	--	--	--	--	--	--	--	--	5200
TW-1	54-56	7/25/2022	--	--	--	--	--	--	--	--	--	12000
TW-1	59-61	7/25/2022	--	--	--	--	--	--	--	--	--	5360
TW-1	64-66	7/25/2022	<10.00	<10.00	<10.00	<0.050	<0.050	<0.050	<0.150	<10.00	<0.300	2040
TW-1	69-71	7/25/2022	<10.00	<10.00	<10.00	<0.050	<0.050	<0.050	<0.150	<10.00	<0.300	13000
TW-1	74-76	7/25/2022	--	--	--	--	--	--	--	--	--	5730
TW-1	Water	7/25/2022	<1.0	<1.0	<1.0	0.002	<0.001	<0.001	<0.003	<1.0	0.002	46300
TW-2	0-4	7/25/2022	<10.00	<10.00	<10.00	<0.050	<0.050	<0.050	<0.150	<10.00	<0.300	1020
TW-2	4-6	7/25/2022	<10.00	<10.00	<10.00	<0.050	<0.050	<0.050	<0.150	<10.00	<0.300	2280
TW-2	9-11	7/26/2022	<10.00	<10.00	<10.00	<0.050	<0.050	<0.050	<0.150	<10.00	<0.300	1090
TW-2	14-16	7/25/2022	--	--	--	--	--	--	--	--	--	912
TW-2	19-21	7/25/2022	<10.00	<10.00	<10.00	<0.050	<0.050	<0.050	<0.150	<10.00	<0.300	608
TW-2	Water	7/25/2022	<1.0	<1.0	<1.0	0.002	<0.001	<0.001	<0.003	<1.0	<0.006	2970



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

CONDITIONS

Action 242039

CONDITIONS

Operator: STEPHENS & JOHNSON OP CO P.O. Box 2249 Wichita Falls, TX 76307	OGRID: 19958
	Action Number: 242039
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	7/19/2023