Received by OCD: 1/14/202	22 9:55:43 AM
Form C-141	State of New Mexico
Page 6	Oil Conservation Division

	Page 1 of 28
Incident ID	
District RP	
Facility ID	
Application ID	

## Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: Each of the following it	items must be included in the closure report.			
A scaled site and sampling diagram as described in 19.15.29.11 NMAC				
Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office			
✓ Laboratory analyses of final sampling (Note: appropriate ODC	C District office must be notified 2 days prior to final sampling)			
Description of remediation activities				
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and replace human health or the environment. In addition, OCD acceptance of compliance with any other federal, state, or local laws and/or regular restore, reclaim, and re-vegetate the impacted surface area to the coaccordance with 19.15.29.13 NMAC including notification with 19.15.29.13 NMAC includi	ations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in			
OCD Only				
Received by: Chad Hensley	Date: 02/03/2022			
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.			
Closure Approved by:	Date: 02/03/2022			
Printed Name: Chad Hensley	Title: Environmental Specialist Advanced			



### Site Information

Closure Report
Magnum Pronto State Com 005H (08.11.21)
Lea County, New Mexico
Unit O, S32, T19S, R32E
32.61014°, -103.78721°

Crude Oil
Source: Line on oil dump corroding
Release Date: 08/11/2021
Volume Released: 6 bbls/Crude Oil
Volume Recovered: 3 bbls/Crude Oil

Prepared for: Concho Operating, LLC 15 West London Rd Loving, NM 88256

Prepared by: NTG Environmental 701 Tradewinds Blvd Suite C Midland, TX 79706



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FIGURE 1 OVERVIEW MAP
FIGURE 2 TOPOGRAPHIC MAP
FIGURE 3 SECONDARY CONTAINMENT MAP

### TABLES/PHOTOLOG

PHOTOS PHOTOLOG

### **APPENDICES**

APPENDIX A C-141 INITIAL AND FINAL APPENDIX B GROUNDWATER RESEARCH



701 Tradewinds Boulevard, Suite C Midland, Texas 79706 Tel. 432.685.3898 www.ntglobal.com

01/12/2022

New Mexico Oil Conservation Division 1220 South St, Francis Drive Sante Fe, NM 87505

Re: Closure Report

Magnum Pronto State Com 005H (08.11.21)

Concho Operating, LLC

Site Location: Unit O, S32, T19S, R32E

(Lat 32.61014°, Long -103.78721°)

Lea County, New Mexico

To Whom it may concern:

On behalf of Concho Operating, LLC (COG), New Tech Global Environmental, LLC (NTGE) has prepared this letter to document the liner inspection activities for the Magnum Pronto State Com 005H (08.11.21). The site is located at 32.61014°, -103.78721° within Unit O, S32, T19S, R32E, in Lea County (Figures 1 and 2).

#### **Background**

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on August 11, 2021, due to a line on the oil dump corroding. It resulted in the release of approximately six (6) barrels of crude oil. Approximately three (3) barrels of crude oil were recovered. The initial C-141 form is attached in Appendix A.

#### **Site Characterization**

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers database, there is no known water well source within a ½ mile radius of the location. The nearest identified well is located approximately 2.65 miles Northwest of the site in S19, T19S, R32E. The well has a reported depth to groundwater of 345 feet below ground surface (ft bgs). A copy of the associated *Point of Diversion Summary* report is attached in Appendix B.

#### **Regulatory Criteria**

In accordance with the NMOCD regulatory criteria established in 19.15.29.12 NMAC, the following criteria were utilized in assessing the site.

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.
- TPH: 100 mg/kg (GRO + DRO + MRO).
- Chloride: 600 mg/kg.

### **Liner Inspection**

On November 9, 2021a,  $3^{rd}$  party company conducted liner inspection activities to assess the liner's integrity within the facility. The personnel proceeded to inspect the liner visually. The liner was found to be intact with no integrity issues. Refer to the Photolog.

### **Conclusions**

Based on the liner inspection throughout the facility, no further actions are required at the site. The final C-141 is attached, and COG formally requests closure of the spill. If you have any questions regarding this report or need additional information, please contact us at 432-813-0263.

Sincerely,

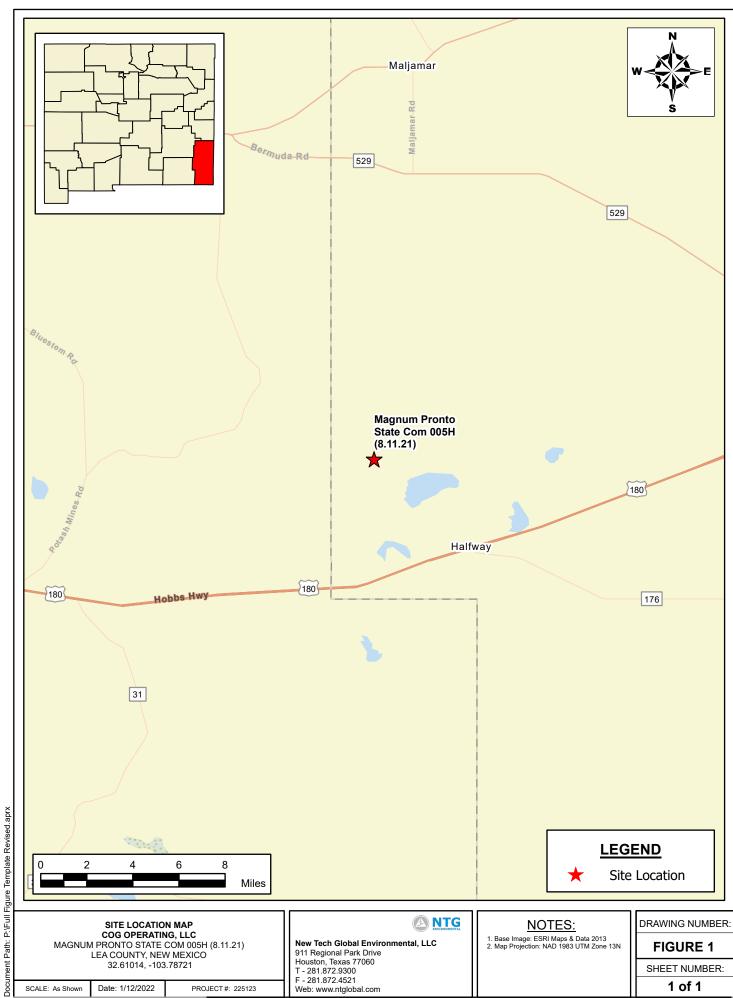
**NTG Environmental** 

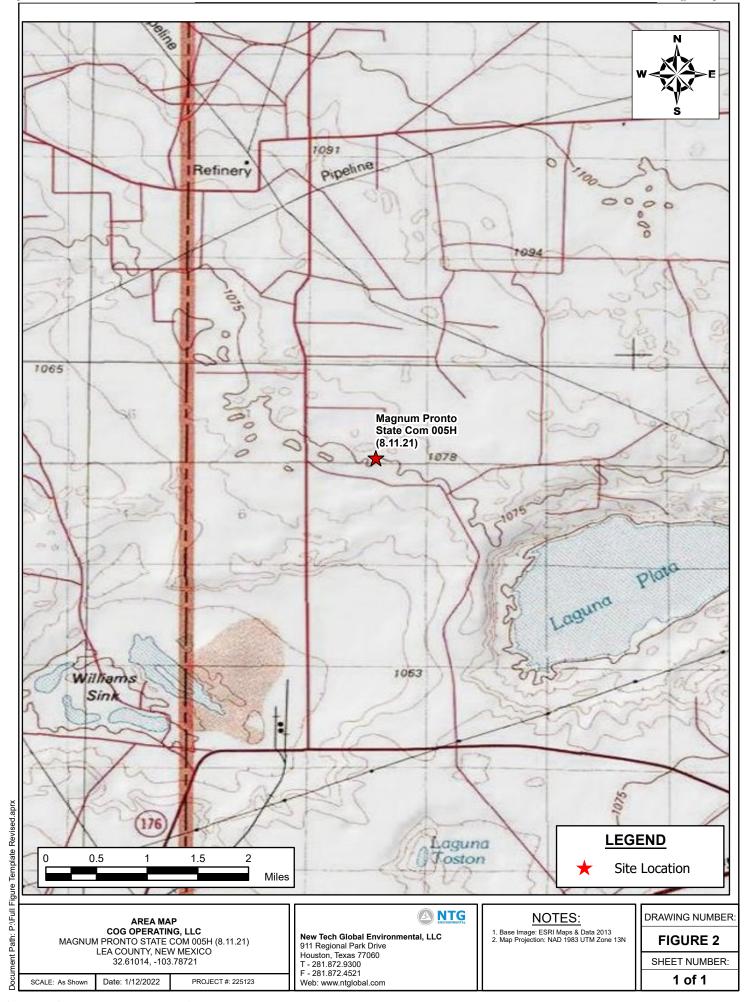
Mike Carmona

Senior Project Manager



# **Figures**







SECONDARY CONTAINMENT MAP COG OPERATING, LLC MAGNUM PRONTO STATE COM 005H (8.11.21) LEA COUNTY, NEW MEXICO 32.61014, -103.78721

PROJECT #: 225123

New Tech Global Environmental, LLC 911 Regional Park Drive Houston, Texas 77060 T - 281.872.9300 F - 281.872.4521 Web: www.ntglobal.com

1. Base Image: ESRI Maps & Data 2013 2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER: FIGURE 3 SHEET NUMBER:

1 of 1



Photo Log

## COG, Magnum Pronto State Com 005H **Liner Inspection Photos**



Liner picture 1



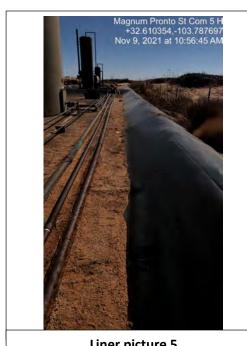
Liner picture 2



Liner picture 3



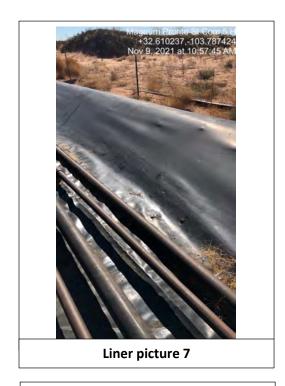
Liner picture 4



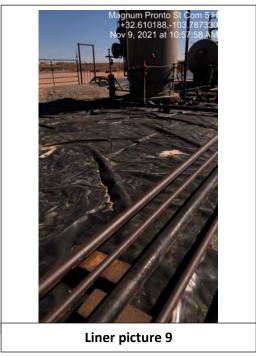
Liner picture 5



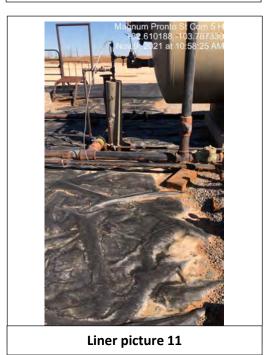
Liner picture 6













## COG, Magnum Pronto State Com 005H **Liner Inspection Photos**



**Liner picture 13** 



Liner picture 14



Liner picture 15



Liner picture 16





Liner picture 18



# Appendix A

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	
District RP	
Facility ID	
Application ID	

## **Release Notification**

## **Responsible Party**

Responsible Party OGRID							
Contact Name Cont					t Telephone		
Contact email Incide					ident # (assigned by OCD)		
Contact mail	ing address						
			Location	of Release S	ource		
Latitude Longitude (NAD 83 in decimal degrees to 5 decimal places)							
Site Name				Site Type			
Date Release	Discovered			API# (if app	plicable)		
Unit Letter	Section	Township	Range	Cour	nty		
Crude Oil	Material	Federal Tr	Nature and	Volume of	justification for t	he volumes provided below) covered (bbls)	
Produced		Volume Release				covered (bbls)	
Troduced	Water		ion of dissolved cl	nloride in the		No	
Condensa	te	Volume Released	d (bbls)		Volume Rec	covered (bbls)	
Natural Gas Volume Released (Mcf)					Volume Recovered (Mcf)		
Other (describe) Volume/Weight Released (provide units)				units)	Volume/We	ight Recovered (provide units)	
Cause of Rela	ease						

Received by OCD: 1/14/2022 9:55:43 AM Form C-141 State of New Mexico Page 2 Oil Conservation Division

	Page 10 of A
Incident ID	
District RP	
Facility ID	

			Application ID	
Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the	responsible party consider	this a major release?	
☐ Yes ☐ No				
If YES, was immediate n	otice given to the OCD? By whom?	To whom? When and by v	what means (phone, er	nail, etc)?
	Initi	al Response		
The responsible	party must undertake the following actions im	mediately unless they could create	a safety hazard that would	result in injury
☐ The source of the rele	ease has been stopped.			
☐ The impacted area ha	s been secured to protect human heal	Ith and the environment.		
Released materials ha	ave been contained via the use of bern	ms or dikes, absorbent pads	, or other containment	devices.
All free liquids and re	ecoverable materials have been remo	ved and managed appropria	itely.	
If all the actions describe	d above have <u>not</u> been undertaken, ex	cplain why:		
has begun, please attach	AC the responsible party may comma narrative of actions to date. If rent area (see 19.15.29.11(A)(5)(a) NM	nedial efforts have been suc	ccessfully completed	or if the release occurred
regulations all operators are public health or the environ failed to adequately investig	rmation given above is true and complete required to report and/or file certain releatment. The acceptance of a C-141 report bate and remediate contamination that post a C-141 report does not relieve the oper	ase notifications and perform c by the OCD does not relieve the se a threat to groundwater, surfa-	corrective actions for rele ne operator of liability sh face water, human health	eases which may endanger ould their operations have or the environment. In
Printed Name	900000	Title:		
Signature:	tan Esparge	Date:		
email:		Telephone:		
OCD Only	_			
•				
Received by:		Date:		

Received by OCD: 1/14/2022 9:55:43 AM Facility Name & Number: MAGNUM PRONTO #5												
Received by OCD:	1/14/20	Facilit	y Name & Number:	MAGNUM PRONTO #	<del>‡</del> 5							Page 17 of 28
			Asset Area:									
	Relea	ase Disco	overy Date & Time:	8/11/2021								
			Release Type:	Oil								
Provid	de any kn	own deta	ils about the event:									
	2 22				Spi	II Calculation	- On Pad Surface	Pool Spill				
Convert Irregular shape into a series of rectangles	Length (ft.)	Width (ft.)	Deepest point in each of the areas (in.)	No. of boundaries of "shore" in each area	Estimated <u>Pool</u> Area (sq. ft.)	Estimated Average Depth (ft.)	Estimated volume of each pool area (bbl.)	Penetration allowance (ft.)	Total Estimated Volume of Spill (bbl.)	Percentage of Oil if Spilled Fluid is a Mixture	Total Estimated Volume of Spilled Oil (bbl.)	Total Estimated Volume of Spilled Liquid other than Oil (bbl.)
Rectangle A	30.0	10.0	1.00	1	300.000	0.083	4.450	0.004	4.469			
Rectangle B	15.0	10.0	1.00	2	150.000	0.042	1.113	0.002	1.115			
Rectangle C	5.0	8.0	1.00	2	40.000	0.042	0.297	0.002	0.297			
Rectangle D					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
Rectangle E					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
Rectangle F					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
Rectangle G					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
Rectangle H					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
Rectangle I					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
Released to Imagin	g: 2/3/2	2022 8:	21:07 AM		0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			0
	9					17	7	Total Volume Release:	5.881			

Received by OCD: 1/14/2022 9:55:43 AM Form C-141 State of New Mexico
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## **Site Assessment/Characterization**

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	(ft bgs)			
Did this release impact groundwater or surface water?	☐ Yes ☐ No			
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☐ No			
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☐ No			
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☐ No			
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☐ No			
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☐ No			
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☐ No			
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☐ No			
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☐ No			
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☐ No			
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☐ No			
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	☐ Yes ☐ No			
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soi contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.				
Characterization Report Checklist: Each of the following items must be included in the report.				
Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring well Field data  Data table of soil contaminant concentration data  Depth to water determination  Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release  Boring or excavation logs  Photographs including date and GIS information  Topographic/Aerial maps  Laboratory data including chain of custody	ls.			

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

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Incident ID		
District RP		
Facility ID		
Application ID		

I hereby certify that the information given above is true and complete to the regulations all operators are required to report and/or file certain release no public health or the environment. The acceptance of a C-141 report by the failed to adequately investigate and remediate contamination that pose a threaddition, OCD acceptance of a C-141 report does not relieve the operator of and/or regulations.	tifications and perform corrective actions for releases which may endanger OCD does not relieve the operator of liability should their operations have reat to groundwater, surface water, human health or the environment. In
Printed Name:	Title:
Printed Name:  Signature:   Acqui Hous	Date:
email:	Telephone:
OCD Only	
Received by:	Date:

Received by OCD: 1/14/2022 9:55:43 AM
Form C-141 State of New Mexico
Page 6 Oil Conservation Division

	Page 20 of 28
Incident ID	
District RP	
Facility ID	
Application ID	

## Closure

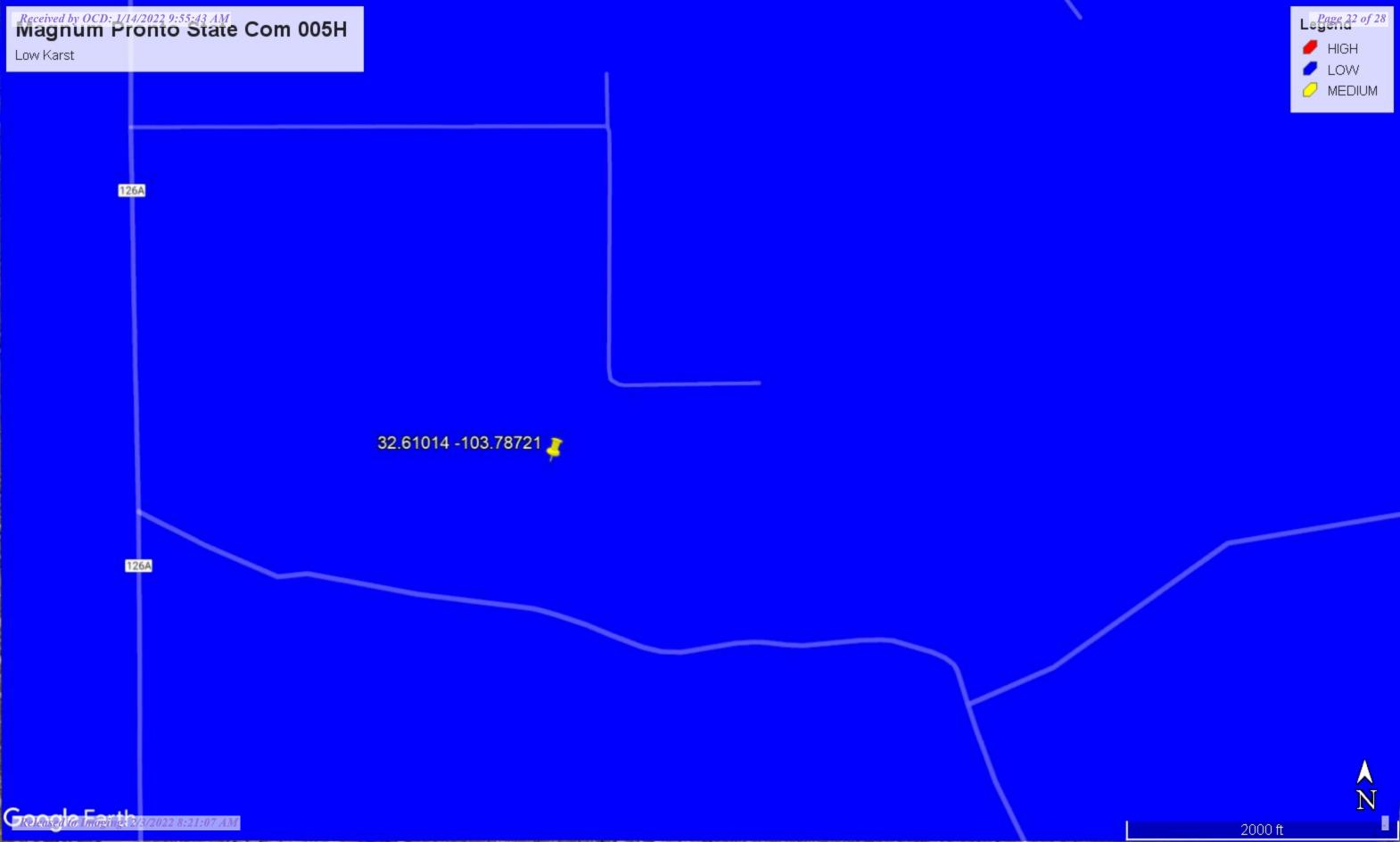
The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

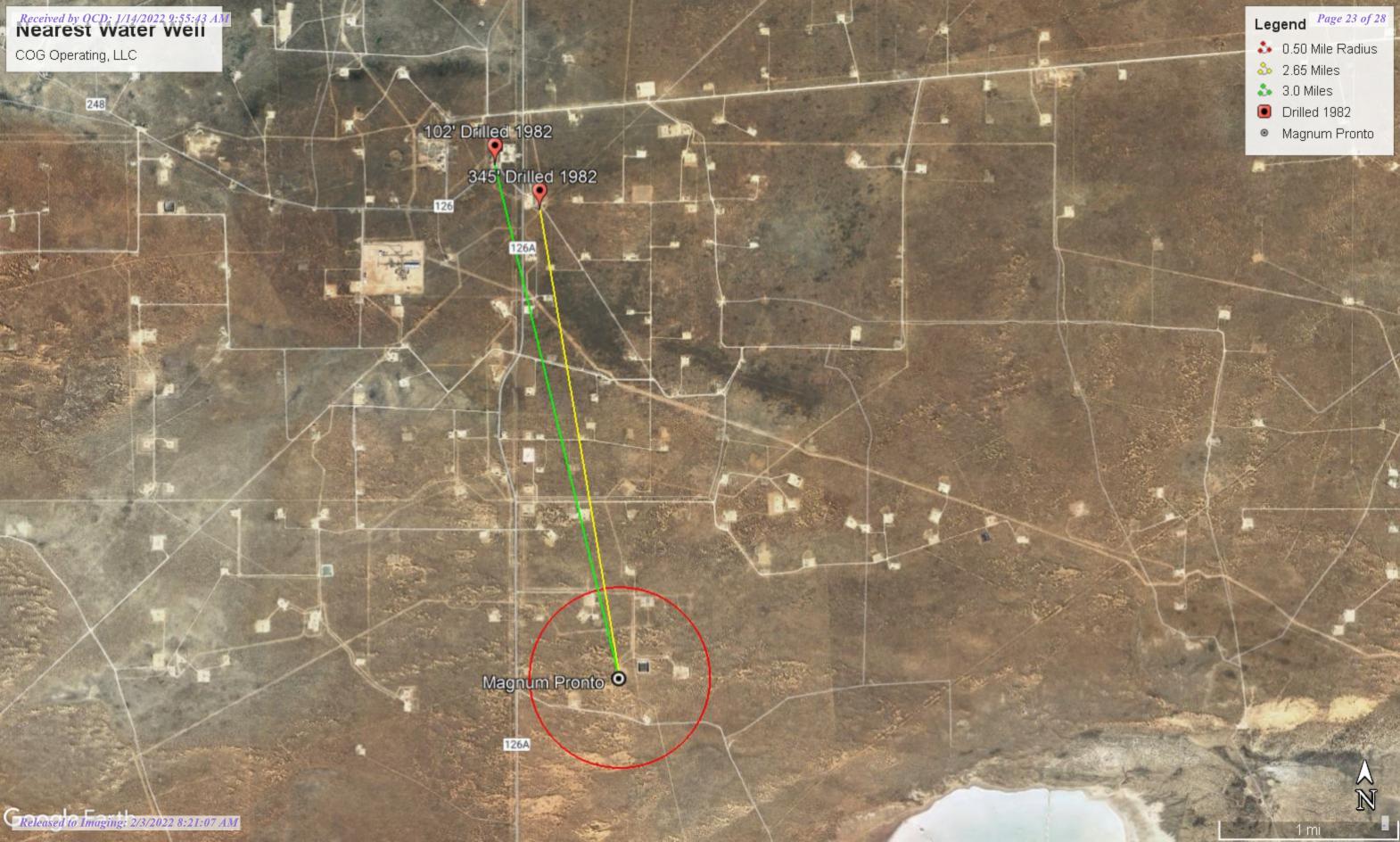
Closure Report Attachment Checklist: Each of the following items must be included in the closure report.

☐ A scaled site and sampling diagram as described in 19.15.29.1	1 NMAC							
Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office							
☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)								
Description of remediation activities								
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of	ntions. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in							
Printed Name:	Title:							
Signature: Pacque Thomas	Date:							
email:	Telephone:							
OCD Only								
Received by:	Date:							
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.							
Closure Approved by:	Date:							
Printed Name:	Title:							



Appendix B







## 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,

closed)

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

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

(In feet)

		POD Sub-		Q	Q	Q							,	Vater
POD Number	Code	basin	County	64	16	4	Sec	Tws	Rng	X	Y	<b>DepthWellDe</b>	pthWater C	olumn
<u>CP 00075</u>	O	CP	LE		2	4	34	19S	32E	617502	3609301	575		
<u>CP 00563 POD1</u>		CP	LE	1	1	2	19	19S	32E	612118	3613376*	300		
<u>CP 00639 POD1</u>		CP	LE		3	1	20	19S	32E	613029	3612880*	350	345	5
<u>CP 00640 POD1</u>		CP	LE		2	2	19	19S	32E	612621	3613280*	260	102	158
<u>CP 00812 POD1</u>		CP	LE		4	4	01	19S	32E	620623	3616973*	200		
<u>CP 01656 POD1</u>		CP	LE	3	4	3	17	19S	32E	613368	3613646	70		
<u>CP 01656 POD2</u>		CP	LE	3	4	3	17	19S	32E	613364	3613648	70		
<u>CP 01656 POD3</u>		CP	LE	3	4	3	17	19S	32E	613374	3613633	30		

Average Depth to Water: 223 feet

Minimum Depth: 102 feet

Maximum Depth: 345 feet

Record Count: 8

PLSS Search:

Township: 19S Range: 32E

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.

1/12/22 3:01 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

<sup>\*</sup>UTM location was derived from PLSS - see Help



## New Mexico Office of the State Engineer

# **Point of Diversion Summary**

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag POD Number Q64 Q16 Q4 Sec Tws Rng

X

CP 00640 POD1 2 2 19 19S 32E

612621 3613280\*

9

Driller License: 882 Driller Company: LARRY'S DRILLING & PUMP CO.

**Driller Name:** FELKINS, LARRY

**Drill Start Date:** 02/08/1982

**Drill Finish Date:** 02/09/1982 **Plug Date:** 

**Log File Date:** 03/04/1982 **PCW Rcv Date:** 

Source: Shallow

Pump Type: Pipe Discharge Size: Estimated Yield:

Casing Size: Depth Well: 260 feet Depth Water: 102 feet

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, or suitability for any particular purpose of the data.

1/12/22 3:16 PM

POINT OF DIVERSION SUMMARY

<sup>\*</sup>UTM location was derived from PLSS - see Help



## New Mexico Office of the State Engineer

# **Point of Diversion Summary**

19S 32E

350 feet

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

20

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag **POD Number** Q64 Q16 Q4 Sec Tws Rng

613029 3612880\*

**Driller License:** 882 **Driller Company:** 

LARRY'S DRILLING & PUMP CO.

**Driller Name:** 

FELKINS, LARRY

CP 00639 POD1

**Drill Start Date:** 

02/09/1982

**Drill Finish Date:** 02/10/1982 **Plug Date:** 

Shallow

Log File Date:

03/23/1982

**PCW Rcv Date:** 

Depth Well:

Source:

**Pump Type: Casing Size:**  Pipe Discharge Size:

**Estimated Yield:** 

Depth Water: 345 feet

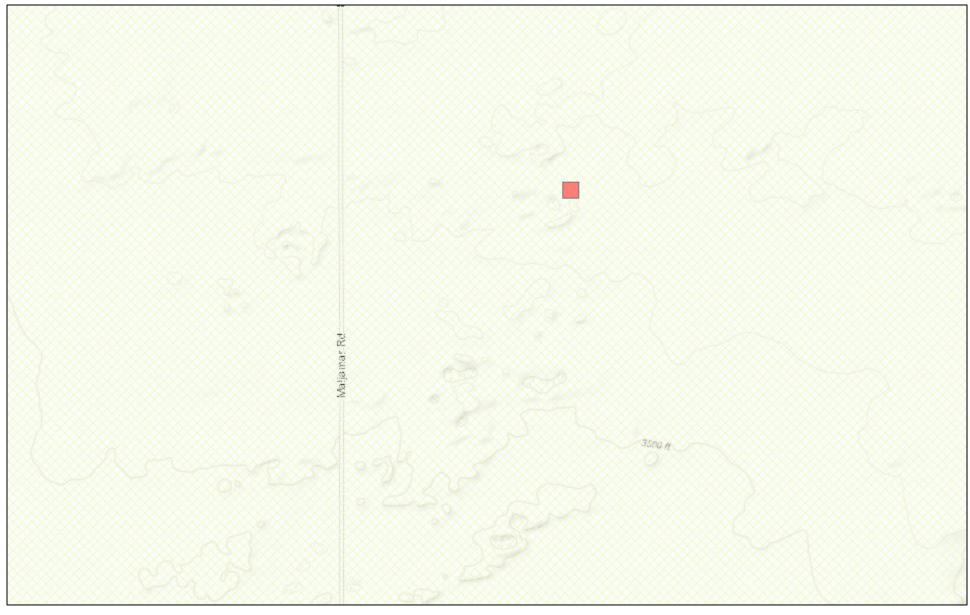
The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, or suitability for any particular purpose of the data.

1/12/22 3:05 PM

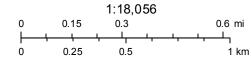
POINT OF DIVERSION SUMMARY

<sup>\*</sup>UTM location was derived from PLSS - see Help

## New Mexico NFHL Data



January 12, 2022



FEMA Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS,

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

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 72481

#### **CONDITIONS**

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave Midland, TX 79701	Action Number: 72481
	Action Type: [C-141] Release Corrective Action (C-141)

#### CONDITIONS

Cre	eated By	Condition	Condition Date
ch	nensley	None	2/3/2022