

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 19.15.29.11 NMAC
- Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- Description of remediation activities

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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

Signature: Jacob Laird Date: 7/12/2023

email: \_\_\_\_\_ Telephone: \_\_\_\_\_

**OCD Only**

Received by: Shelly Wells Date: 7/24/2023

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: Shelly Wells Date: 9/18/2023

Printed Name: Shelly Wells Title: Environmental Specialist-Advanced

# Liner Inspection Report

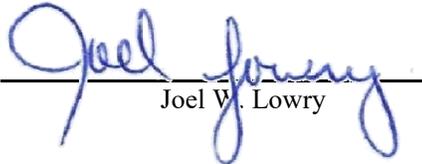
## ConocoPhillips Company Lightning P-38 State 5H

Lea County, New Mexico  
Unit Letter A, Section 1, Township 21 South, Range 33 East  
Latitude 32.5125 North, Longitude 103.5184 West  
NMOCD Reference No. nAPP2314239454

Prepared By:

**Etech Environmental & Safety Solutions, Inc.**  
2507 79th Street, Unit A  
Lubbock, Texas 79423

  
Ben J. Arguijo

  
Joel W. Lowry



Midland • San Antonio • Lubbock • Hobbs • Lafayette

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### FIGURES

Figure 1 - Topographic Map

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### APPENDICES

Appendix A - Depth to Groundwater Information

Appendix B - Photographic Log

### 1.0 PROJECT INFORMATION

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of ConocoPhillips Company, has prepared this Liner Inspection Report for the release site known as the Lightning P-38 State 5H (henceforth, "Site"). Details of the release are summarized below:

<b>Location of Release Source</b>				
Latitude: _____		32.5125		Longitude: _____
				-103.5184
Provided GPS are in WGS84 format.				
Site Name: _____		Lightning P-38 State 5H		Site Type: _____
				Tank Battery
Date Release Discovered: _____		5/12/2023		API # (if applicable): _____
				N/A
Unit Letter	Section	Township	Range	County
A	1	21S	33E	Lea
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Federal <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Private (Name _____ Merchant Livestock _____)				
<b>Nature and Volume of Release</b>				
<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls)	9.5	Volume Recovered (bbls)	5
<input type="checkbox"/> Produced Water	Volume Released (bbls)		Volume Recovered (bbls)	
	Is the concentration of total dissolved solids (TDS) in the produced water > 10,000 mg/L?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
<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		Volume/Weight Recovered	
Cause of Release: The release was attributed to a tank overflowing.				
<b>Initial Response</b>				
<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 type="checkbox"/> Release materials have been contained via the use of berms or dikes, absorbent pad, or other containment devices				
<input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.				

Previously submitted portions of the NMOCD Form C-141 are available on the NMOCD Imaging System.

## 2.0 SITE CHARACTERIZATION

A search of groundwater databases maintained by the New Mexico Office of the State Engineer (NMOSE) and United States Geological Survey (USGS) was conducted in an effort to determine the horizontal distance to known water sources within a half-mile radius of the Super Cobra release site. Probable groundwater depth was determined using data generated by numeric models based on available water well data and published information. Depth to groundwater information is provided as Appendix A.

What is the shallowest depth to groundwater beneath the area affected by the release?	112		
Did the release impact groundwater or surface water?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> 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)?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Are the lateral extents of the release within 300 feet of any occupied permanent residence, school, hospital, institution or church?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> 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?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Are the lateral extents of the release within the incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Did the release impact areas not on an exploration, development, production or storage site?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	

NMOCD Siting Criteria data was gathered from available resources including Bureau of Land Management (BLM) and Fish & Wildlife Services (FWS) shapefiles, topographic maps, NMOSE and USGS databases, and aerial imagery. The results are depicted in Figures 1, 2, 4, and 5.

## 3.0 CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE

Based on the volume and nature of the release, inferred depth to groundwater, and NMOCD Siting Criteria, the NMOCD Closure Criteria and NMOCD Reclamation Standards for the Super Cobra release site are as follows:

Probable Depth to Groundwater	Constituent	Laboratory Analytical Method	Closure Criteria*†	Reclamation Standard*‡
60'	Chloride (Cl-)	EPA 300.0 or SM4500 Cl B	20,000	600
	Total Petroleum Hydrocarbons (TPH)	EPA SW-846 Method 8015M Ext	2,500	100
	Gas Range Organics + Diesel Range Organics (GRO + DRO)	EPA SW-846 Method 8015M	1,000	N/A
	Benzene	EPA SW-846 Methods 8021b or 8260b	10	10
	Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA SW-846 Methods 8021b or 8260b	50	50

\* Measured in milligrams per kilogram (mg/kg)

† Table I, Section 19.15.29.12 of the New Mexico Administrative Code (NMAC).

‡ The NMOCD Reclamation Standard applies only to the top 4' of soil in non-production areas. Section 19.15.29.13 D.(1) NMAC.

## 4.0 SITE ASSESSMENT

On June 5, 2022, Etech conducted a site assessment. During the site assessment, a visual inspection of the containment area liner was performed to check its integrity and confirm that it remained intact. No breaches were discovered during the inspection, and it was determined that the lined containment area was able to fully contain the spill. Based on this information, no further remedial action was required.

General photographs of the release site are provided in Appendix B.

## 5.0 SITE CLOSURE REQUEST

The release was limited to the lined containment area of an active tank battery facility. Visibly impacted gravel was removed and a visual inspection of the containment area liner confirmed that it remained intact, was able to fully contain the spill, and no further remedial action was required. In consideration of this information, Etech recommends ConocoPhillips Company provide copies of this *Liner Inspection Report* to the appropriate agencies and request closure be granted to the Lightning P-38 5H release site.

## 6.0 LIMITATIONS

Etech Environmental & Safety Solutions, Inc., has prepared this Liner Inspection Report to the best of its ability. No other warranty, expressed or implied, is made or intended. Etech has examined and relied upon documents reference in the report and on oral statements made by certain individuals. Etech has not conducted an independent examination of the facts contained in referenced materials and statements. Etech has presumed the genuineness of these documents and statements and that the information provided therein is true and accurate. Etech has prepared the report in a professional manner, using the degree of skill and care exercised by similar environmental consultants. Etech notes that the facts and conditions referenced in this report may change over time, and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

This report has been prepared for the benefit of ConocoPhillips Company. Use of the information contained in this report is prohibited without the consent of Etech and/or ConocoPhillips Company.

## **7.0 DISTRIBUTION**

***ConocoPhillips Company***

*3300 B A St.  
Midland, TX 79705*

***New Mexico Energy, Minerals and Natural Resources Department***

*Oil Conservation Division, District 1  
1220 South St. Francis Drive  
Santa Fe, NM 87505*

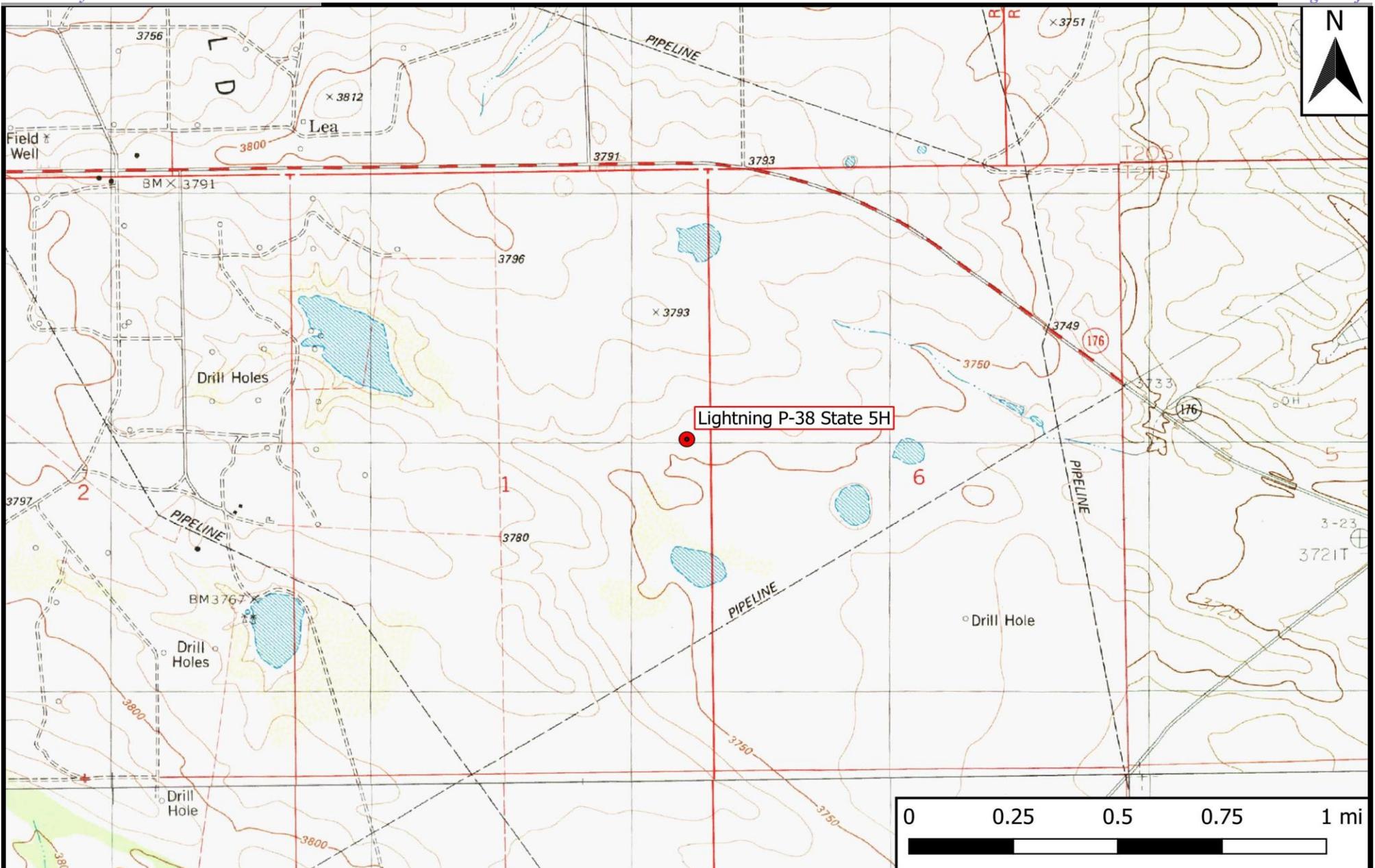
***Hobbs Field Office***

*New Mexico State Land Office  
2827 North Dal Paso Street  
Suite 117  
Hobbs, NM 88240*

*(Electronic Submission)*

# **Figure 1**

## **Topographic Map**



**Legend**

- Site Location

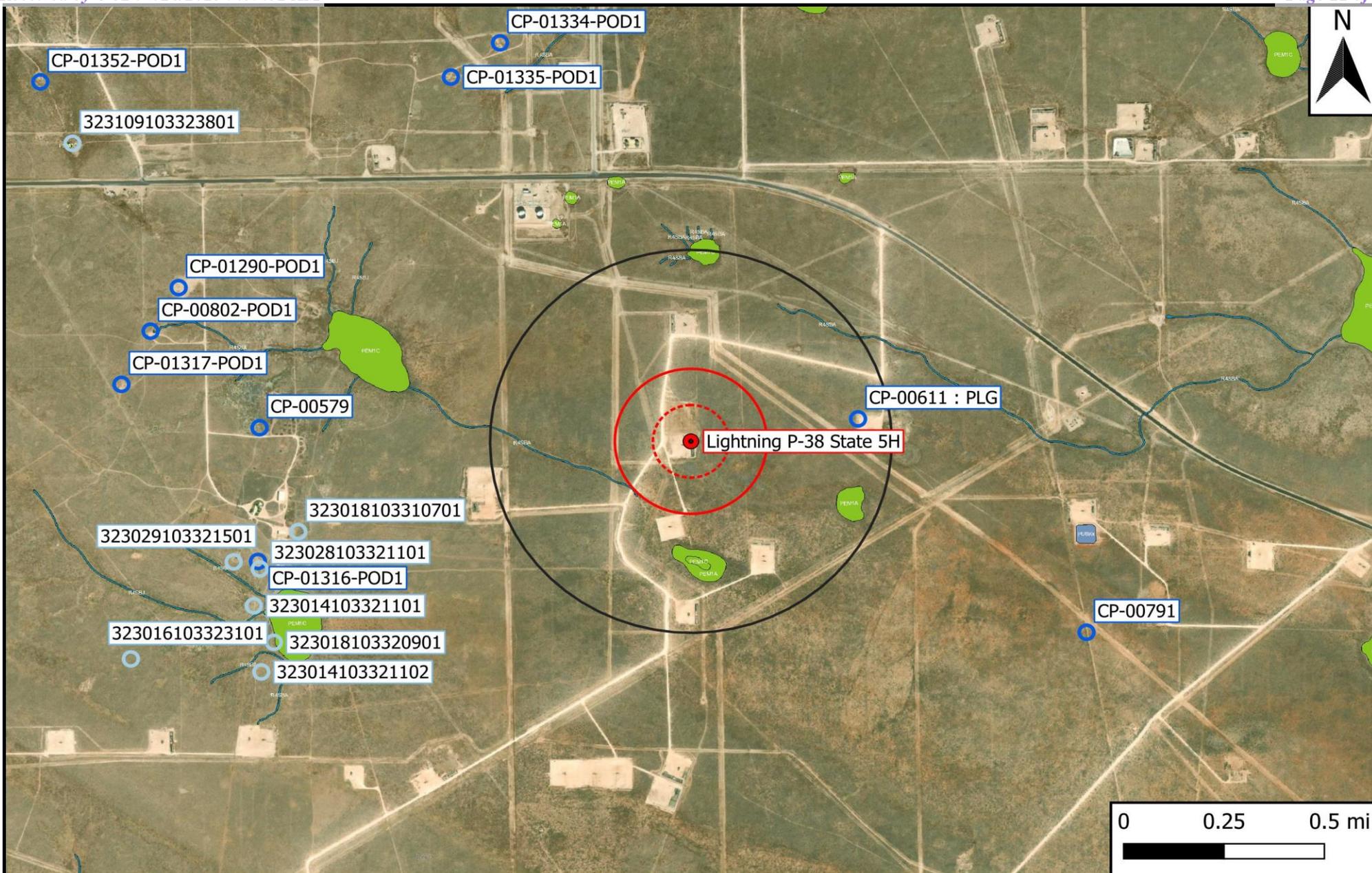
**Figure 1**  
 Topographic Map  
 ConocoPhillips Company  
 Lightning P-38 State 5H  
 GPS: 32.5125, -103.5184  
 Lea County

**eTECH**  
 Environmental & Safety Solutions, Inc.

Drafted: mag    Checked: jwl    Date: 7/7/23

## **Figure 2**

### **Aerial Proximity Map**



Legend	
<span style="color: red;">●</span>	Site Location
<span style="color: blue;">○</span>	Well - NMOSE
<span style="color: lightblue;">○</span>	Well - USGS
<span style="color: orange;">—</span>	Potash Mine Workings
<span style="color: pink;">■</span>	Medium/High Karst
<span style="border: 1px dashed red; width: 20px; height: 10px; display: inline-block;"></span>	500 Ft Radius
<span style="border: 1px solid red; width: 20px; height: 10px; display: inline-block;"></span>	1000 Ft Radius
<span style="border: 1px solid black; width: 20px; height: 10px; display: inline-block;"></span>	0.5 Mi Radius
<span style="background-color: lightblue; width: 20px; height: 10px; display: inline-block;"></span>	1% Annual Flood Chance
<span style="background-color: blue; width: 20px; height: 10px; display: inline-block;"></span>	Lake/Freshwater Pond
<span style="background-color: green; width: 20px; height: 10px; display: inline-block;"></span>	Emergent/Forested Wetlands
<span style="background-color: cyan; width: 20px; height: 10px; display: inline-block;"></span>	Riverine

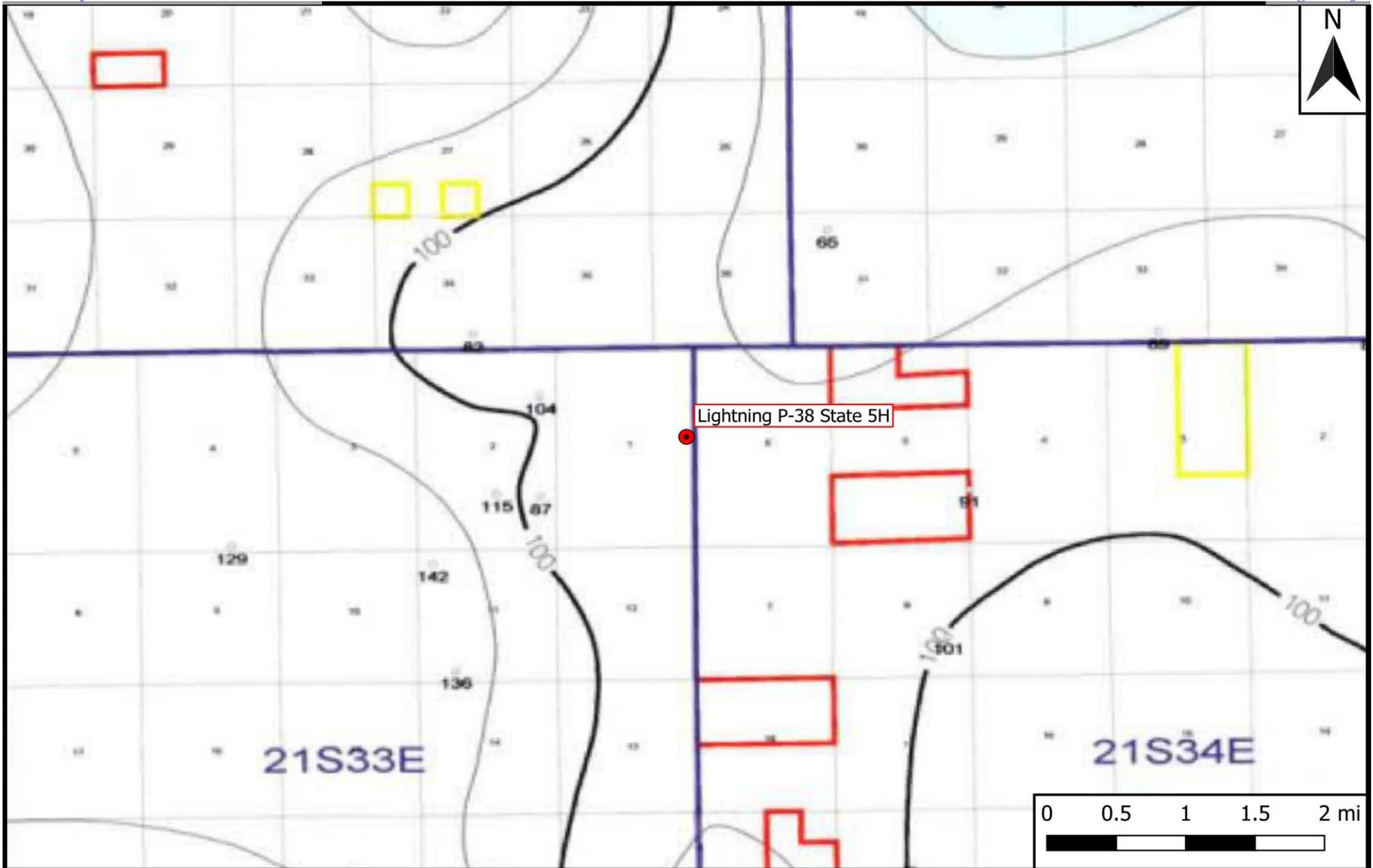
**Figure 2**  
 Aerial Proximity Map  
 ConocoPhillips Company  
 Lightning P-38 State 5H  
 GPS: 32.5125, -103.5184  
 Lea County

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# **Appendix A**

## **Depth to Groundwater Information**



Legend

- Site Location

**Figure 4**  
 Inferred Depth to Groundwater Trend Map  
 ConocoPhillips Company  
 Lightning P-38 State 5H  
 GPS: 32.5125, -103.5184  
 Lea County

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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 closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)  
(quarters are smallest to largest) (NAD83 UTM in meters) (In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
<a href="#">CP 00611</a>		CP	LE	2	1	06		21S	34E	639838	3598306*	676	118	112	6

Average Depth to Water: **112 feet**  
 Minimum Depth: **112 feet**  
 Maximum Depth: **112 feet**

**Record Count:** 1

**UTMNAD83 Radius Search (in meters):**

**Easting (X):** 639167.62      **Northing (Y):** 3598212      **Radius:** 804.67

\*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.

7/7/23 11:55 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



# New Mexico Office of the State Engineer

## Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)				(NAD83 UTM in meters)
<b>Well Tag</b>	<b>POD Number</b>	(quarters are smallest to largest)	<b>Q64 Q16 Q4</b>	<b>Sec</b>	<b>Tws</b>	<b>Rng</b>
						<b>X</b> <b>Y</b>
	CP 00611		2	1	06	21S 34E
						639838 3598306*

<b>Driller License:</b> 657	<b>Driller Company:</b> OLDAKER & SONS	
<b>Driller Name:</b> OLDAKER, GADE		
<b>Drill Start Date:</b> 03/24/1980	<b>Drill Finish Date:</b> 03/26/1980	<b>Plug Date:</b> 03/27/1980
<b>Log File Date:</b> 04/11/1980	<b>PCW Rev Date:</b>	<b>Source:</b> Shallow
<b>Pump Type:</b>	<b>Pipe Discharge Size:</b>	<b>Estimated Yield:</b> 25 GPM
<b>Casing Size:</b> 6.00	<b>Depth Well:</b> 118 feet	<b>Depth Water:</b> 112 feet

Water Bearing Stratifications:	Top	Bottom	Description
	112	118	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	100	118

\*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.

7/7/23 11:56 AM

POINT OF DIVERSION SUMMARY

Revised June 1972

STATE ENGINEER OFFICE  
WELL RECORD

SANTA FE  
475036

Section 1. GENERAL INFORMATION

(A) Owner of well Dale Crockett Owner's Well No. 85139-1  
Street or Post Office Address P. O. Box 730  
City and State Hobbs, New Mexico, 88240

Well was drilled under Permit No. CP-611 and is located in the:  
NW SE  
a. ~~SW~~ ¼ ~~XXW~~ ¼ NE ¼ SW ¼ of Section 6 Township 21S Range 34E N.M.P.M.  
b. Tract No. \_\_\_\_\_ of Map No. \_\_\_\_\_ of the \_\_\_\_\_  
c. Lot No. \_\_\_\_\_ of Block No. \_\_\_\_\_ of the \_\_\_\_\_  
Subdivision, recorded in \_\_\_\_\_ County.  
d. X= \_\_\_\_\_ feet, Y= \_\_\_\_\_ feet, N.M. Coordinate System \_\_\_\_\_ Zone in  
the \_\_\_\_\_ Grant.

(B) Drilling Contractor Gade Oldaker, License No. WD-657

Address P. O. 2321, Hobbs, New Mexico, 88240

Drilling Began 3/24/80 Completed 3/26/80 Type tools rotary Size of hole 10½ in.

Elevation of land surface or 3650 at well is 3650 ft. Total depth of well 118 ft.

Completed well is  shallow  artesian. Depth to water upon completion of well 112 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet		Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
From	To			
112	118	6	Water, Sand	25 GPM

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet		Length (feet)	Type of Shoe	Perforations	
			Top	Bottom			From	To
6			0	118	118	none	100	118

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet		Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
From	To				
		10½			

Section 5. PLUGGING RECORD

Plugging Contractor \_\_\_\_\_  
Address \_\_\_\_\_  
Plugging Method \_\_\_\_\_  
Date Well Plugged \_\_\_\_\_  
Plugging approved by: \_\_\_\_\_  
State Engineer Representative

No.	Depth in Feet		Cubic Feet of Cement
	Top	Bottom	
1			
2			
3			
4			

STATE ENGINEER OFFICE  
SANTA FE, N.M. 87501  
SEP 11 PM 11

FOR USE OF STATE ENGINEER ONLY

Date Received April 11, 1980 Quad \_\_\_\_\_ FWL \_\_\_\_\_ FSL \_\_\_\_\_

File No. CP-611 Use OWD Location No. 21.34.6. 3241 Lot 11



Revised June 1972

STATE ENGINEER OFFICE  
WELL RECORD

S.F. 475036

Section 1. GENERAL INFORMATION

(A) Owner of well Dale R. Crockett Owner's Well No. 85139-1  
Street or Post Office Address P.O. Box 730  
City and State Hobbs, New Mexico 88240

Well was drilled under Permit No. CP-611 and is located in the:

a. SW  $\frac{1}{4}$  NW  $\frac{1}{4}$   $\frac{1}{4}$  of Section 6 Township 21S Range 34E N.M.P.M.  
b. Tract No. \_\_\_\_\_ of Map No. \_\_\_\_\_ of the \_\_\_\_\_  
c. Lot No. \_\_\_\_\_ of Block No. \_\_\_\_\_ of the \_\_\_\_\_  
Subdivision, recorded in \_\_\_\_\_ County.  
d. X= \_\_\_\_\_ feet, Y= \_\_\_\_\_ feet, N.M. Coordinate System \_\_\_\_\_ Zone in  
the \_\_\_\_\_ Grant.

(B) Drilling Contractor \_\_\_\_\_ License No. \_\_\_\_\_  
Address ORIGINAL DOCUMENT IS OF POOR QUALITY  
FOR LEGIBLE MICROFILM

Drilling Began \_\_\_\_\_ Completed \_\_\_\_\_ Type tools \_\_\_\_\_ Size of hole \_\_\_\_\_ in.  
Elevation of land surface or \_\_\_\_\_ at well is \_\_\_\_\_ ft. Total depth of well \_\_\_\_\_ ft.  
Completed well is  shallow  artesian. Depth to water upon completion of well \_\_\_\_\_ ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet		Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
From	To			

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet		Length (feet)	Type of Shoe	Perforations	
			Top	Bottom			From	To

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet		Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
From	To				

Section 5. PLUGGING RECORD

Plugging Contractor Getty Oil Company  
Address P.O. Box 730, Hobbs, NM 88240  
Plugging Method Redi-Mix Concrete \*  
Date Well Plugged March 27, 1980  
Plugging approved by: [Signature]  
State Engineer Representative

No.	Depth in Feet		Description
	Top	Bottom	
1	Surface	TD	1
2		(118')	
3	* Pulled	6" csg & filled	
4	hole w/3	yds of Redi-mix concrete	

STATE ENGINEER OFFICE  
SAN JUAN COUNTY, N.M.  
SEP 11 PM 11

Date Received August 25, 1980

FOR USE OF STATE ENGINEER ONLY

File No. CP-611 Quad \_\_\_\_\_ FWL \_\_\_\_\_ FSL \_\_\_\_\_  
Use OWD Location No. 21.34.6.3241 Lot 11





Legend	
	Site Location
	Well - USGS
	500 Ft Radius
	1000 Ft Radius
	0.5 Mi Radius

**Figure 5**  
 USGS Well Proximity Map  
 ConocoPhillips Company  
 Lightning P-38 State 5H  
 GPS: 32.5125, -103.5184  
 Lea County


  
**Environmental & Safety Solutions, Inc.**

Drafted: mag      Checked: jwl      Date: 7/7/23



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USGS Water Resources

Data Category:

Groundwater

Geographic Area:

United States

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Agency code = usgs

site\_no list =

- 323018103310701

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

### USGS 323018103310701 21S.33E.02.422.01

Available data for this site

Groundwater: Field measurements

GO

Lea County, New Mexico

Hydrologic Unit Code 13070007

Latitude 32°30'33", Longitude 103°32'05" NAD27

Land-surface elevation 3,790 feet above NGVD29

The depth of the well is 120 feet below land surface.

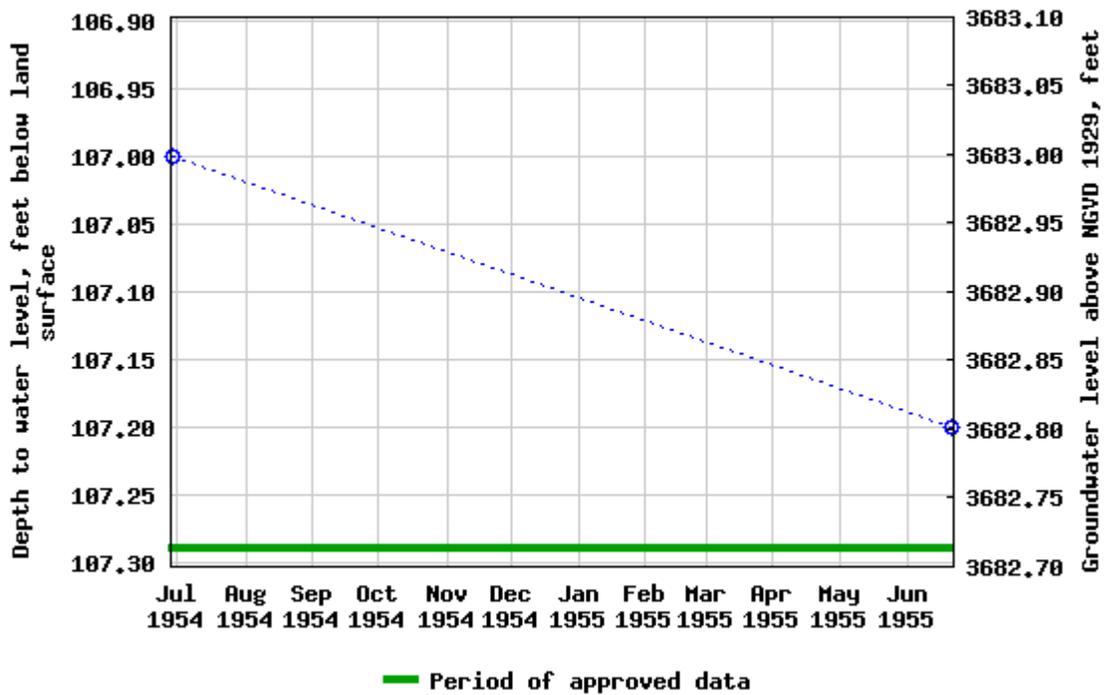
This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Ogallala Formation (121OGLL) local aquifer.

#### Output formats

<a href="#">Table of data</a>
<a href="#">Tab-separated data</a>
<a href="#">Graph of data</a>
<a href="#">Reselect period</a>

USGS 323018103310701 21S.33E.02.422.01



Breaks in the plot represent a gap of at least one year between field measurements.

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**URL: <https://nwis.waterdata.usgs.gov/nwis/gwlevels?>**



Page Contact Information: [USGS Water Data Support Team](#)

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0.6 0.52 nadww02



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## National Water Information System: Web Interface

USGS Water Resources

Data Category:

Groundwater

Geographic Area:

United States

GO

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Groundwater levels for the Nation

Important: [Next Generation Monitoring Location Page](#)

### Search Results -- 1 sites found

**Agency code = usgs**

**site\_no list =**

- 323018103320901

**Minimum number of levels = 1**

[Save file of selected sites](#) to local disk for future upload

### USGS 323018103320901 21S.33E.02.42214

Available data for this site

Groundwater: Field measurements

GO

Lea County, New Mexico

Hydrologic Unit Code 13070007

Latitude 32°30'18", Longitude 103°32'09" NAD27

Land-surface elevation 3,775 feet above NAVD88

The depth of the well is 150 feet below land surface.

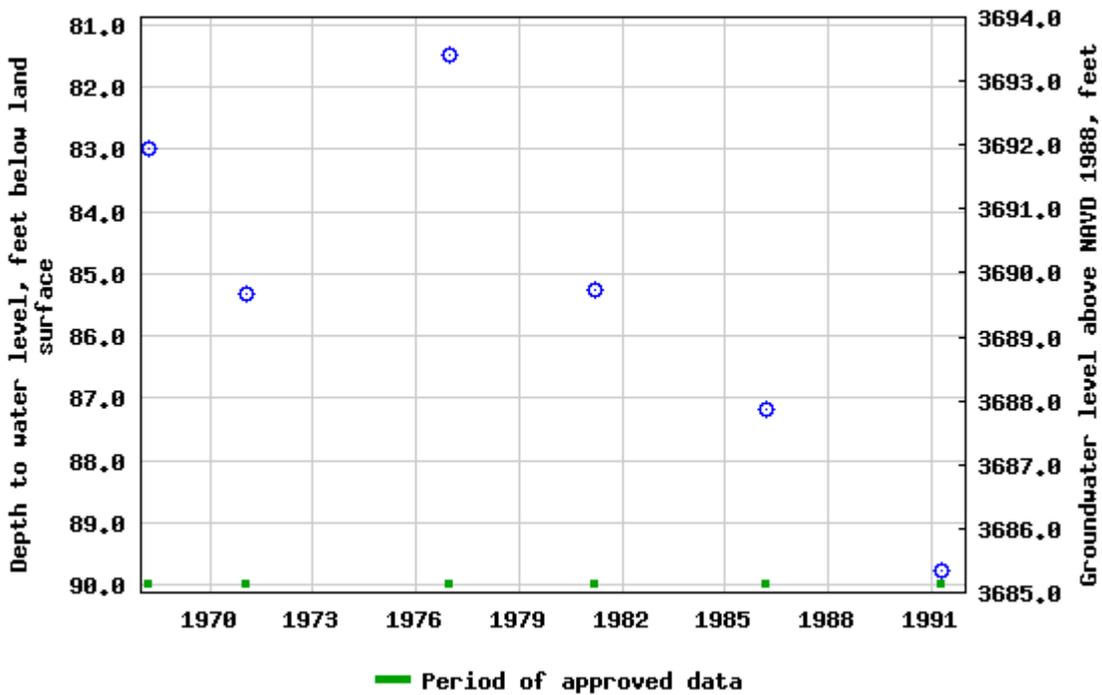
This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

#### Output formats

<a href="#">Table of data</a>
<a href="#">Tab-separated data</a>
<a href="#">Graph of data</a>
<a href="#">Reselect period</a>

USGS 323018103320901 21S.33E.02.42214



Breaks in the plot represent a gap of at least one year between field measurements.  
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**Title: Groundwater for USA: Water Levels**

**URL: <https://nwis.waterdata.usgs.gov/nwis/gwlevels?>**



Page Contact Information: [USGS Water Data Support Team](#)

Page Last Modified: 2023-07-07 13:53:41 EDT

0.63 0.52 nadww02

## **Appendix B**

# **Photographic Log**

Jun 5, 2023 at 8:57:08 AM  
+32.512530,-103.51842  
0 m  
Lea County

Released to Imaging: 9/18/2023 10:10:21 AM

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Released to Imaging: 9/18/2023 10:10:21 AM

Jun 5, 2023 at 8:57:25 AM  
+32.512530,-103.51842  
10 m  
Lea Count

Received by: OCD: 6/24/2023 9:59:52 AM



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Jun 5, 2023 at 8:57:40 AM  
+32.512620,-103.51838  
86  
Lea County

Released to Imaging: 9/18/2023 10:10:21 AM

Requested by: OCD: 7/24/2023 9:59:52 AM



## **Appendix C**

### **NMOCD Correspondence**

## Joel Lowry

---

**From:** Zach Conder  
**Sent:** Friday, July 7, 2023 8:13 AM  
**To:** Joel Lowry  
**Subject:** FW: [EXTERNAL] Liner Inspection Notification, nAPP, Lightning P-38 5H

---

**From:** Buchanan, Michael, EMNRD <Michael.Buchanan@emnrd.nm.gov>  
**Sent:** Friday, June 2, 2023 10:12 AM  
**To:** Zach Conder <zach@etechenv.com>; ocd.environmental@state.nm.us  
**Cc:** Joel Lowry <joel@etechenv.com>; Lance Crenshaw <lance@etechenv.com>; Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; Laird, Jacob <Jacob.Laird@conocophillips.com>; Tamarah Kendrick <tamarah@etechenv.com>  
**Subject:** RE: [EXTERNAL] Liner Inspection Notification, nAPP, Lightning P-38 5H

Some people who received this message don't often get email from [michael.buchanan@emnrd.nm.gov](mailto:michael.buchanan@emnrd.nm.gov). [Learn why this is important](#)

Good morning,

Received.

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Respectfully,

**Mike Buchanan** • Environmental Specialist  
Environmental Bureau  
EMNRD - Oil Conservation Division  
8801 Horizon Blvd. NE | Albuquerque, NM 87113  
| [michael.buchanan@emnrd.nm.gov](mailto:michael.buchanan@emnrd.nm.gov)  
<http://www.emnrd.nm.gov/ocd>



---

**From:** Zach Conder <[zach@etechenv.com](mailto:zach@etechenv.com)>  
**Sent:** Thursday, June 1, 2023 6:33 AM  
**To:** [ocd.environmental@state.nm.us](mailto:ocd.environmental@state.nm.us)  
**Cc:** Joel Lowry <[joel@etechenv.com](mailto:joel@etechenv.com)>; Lance Crenshaw <[lance@etechenv.com](mailto:lance@etechenv.com)>; Enviro, OCD, EMNRD <[OCD.Enviro@emnrd.nm.gov](mailto:OCD.Enviro@emnrd.nm.gov)>; Laird, Jacob <[Jacob.Laird@conocophillips.com](mailto:Jacob.Laird@conocophillips.com)>; Tamarah Kendrick <[tamarah@etechenv.com](mailto:tamarah@etechenv.com)>  
**Subject:** [EXTERNAL] Liner Inspection Notification, nAPP, Lightning P-38 5H

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

Please be advised ETech will be conducting a liner inspection on the ConocoPhillips location, Lightning P-38 5H, on Monday, June 5<sup>th</sup>, 2023. The incident number for this release is nAPP2314239454.

Respectfully,

Zach Conder  
Project Manager  
Hobbs, NM – Lubbock, TX  
806-724-5943



**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 243586

**CONDITIONS**

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 243586
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
scwells	None	9/18/2023