

**RAILROAD COMMISSION OF TEXAS**  
OIL AND GAS DIVISION

Status As Approved		Tracking # 32EB9828		API No. (if available) <b>42- 49533233</b>		1. RRC District <b>08</b>	
FILE WITH DISTRICT OFFICE OF DISTRICT IN WHICH WELL IS LOCATED WITHIN THIRTY DAYS AFTER PLUGGING						4. RRC Lease or ID Number <b>229185</b>	
2. FIELD NAME (as per RRC records) <b>HALEY [LWR. WOLFCAMP-PENN CONS.]</b>			3. Lease Name <b>UNIVERSITY 20-10</b>			5. Well Number <b>1</b>	
6. OPERATOR & 7. ADDRESS <b>PDEH LLC 600 W ILLINOIS AVE  MIDLAND, TX 79701-</b>			6a. Original Form W-1 filed in name of: <b>CHESAPEAKE OPERATING, INC.</b>			10. County <b>WINKLER</b>	
			6b. Any subsequent W-1's filed in name of:			11. Date Drilling Permit Issued <b>11/15/2006</b>	
8. Location of well, relative to nearest lease boundaries of lease on which this well is located			1320.00 feet from <b>West</b> line and 1320.00 feet from <b>South</b> line of the <b>University 20-10</b> lease			12. Permit Number <b>629051</b>	
9a. SECTION, BLOCK and SURVEY <b>10 , 20 , A-0 UL</b>			9b. Distance and direction from nearest town in this county <b>10 miles West of Wink, TX</b>			13. Date Drilling Commenced <b>11/25/2006</b>	
16. Type Well (oil, gas, or dry) <b>Gas</b>	Total Depth <b>17600</b>	If multiple completion list all field names and oil lease or gas id no.'s			Gas ID or Oil Lease #	Oil - O Gas - G	Well #
18. If gas, amt. of cond. on hand at time of plugging							14. Date Drilling Completed <b>02/26/2007</b>
							15. Date Well Plugged <b>09/15/2023</b>

CEMENTING TO PLUG AND ABANDON DATA:				PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7	PLUG #8
*19. Cementing Date				08/17/23	08/22/23	08/28/23	08/31/23	09/07/23	09/08/23	09/08/23	09/11/23
20. Size of Hole or Pipe in which Plug Placed (inches)				5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2
21. Depth to Bottom of Tubing or Drill Pipe (ft.)				14650	14650	12673	12057	10300	9164	8100	7645
*22. Sacks of Cement Used (each plug)				1	50	45	25	120	25	40	80
*23. Slurry Volume Pumped (cu. ft.)				1.22	67.00	54.90	30.50	146.40	30.50	48.80	97.60
*24. Calculated Top of Plug (ft.)				14640	14100	12196	11787	10200	8894	8000	7445
25. Measured Top of Plug (if tagged) (ft.)											
*26. Slurry Wt. # / Gal.				15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
*27. Type Cement				CIBP, H	H	H	H	H	H	H	H

28. CASING AND TUBING RECORD AFTER PLUGGING					29. Was any non-drillable material (other than casing) left in this well? <b>No</b>	
SIZE	WT.# / FT.	PUT IN WELL (ft.)	LEFT IN WELL (ft.)	HOLE SIZE (in.)	29a. If answer to above is "Yes" state depth to top of "junk" left in hole and briefly describe non-drillable material.	
13 3/8		5146	5146	17 1/2		
9 5/8		12609	12609	12 1/4		
5 1/2		17572	17572	6 1/2		

30. LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS					
FROM	{"defaultKey":null}	TO	{"defaultKey":null}	FROM	TO
FROM	14671	TO	17069	FROM	TO
FROM	{"defaultKey":null}	TO	{"defaultKey":null}	FROM	TO
FROM		TO		FROM	TO
FROM		TO		FROM	TO

I have knowledge that the cementing operations, as reflected by the information found on this form, were performed as indicated by such information.

\* Designates items to be completed by Cementing Company. Items not so designated shall be completed by operator.

Jason D. McCullough

Axis Energy Services, LLC

Signature of Cementer or Authorized Representative

Name of Cementing Company

**CERTIFICATE:**

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.

Sunshine Turnbow

Reg Coordinator

09/19/2023

PHONE

(432) 688-6642

REPRESENTATIVE OF COMPANY

TITLE

DATE

A/C

NUMBER

Becky Rodriguez

SIGNATURE: REPRESENTATIVE OF RAILROAD COMMISSION

**RAILROAD COMMISSION OF TEXAS**  
OIL AND GAS DIVISION

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6. OPERATOR & 7. ADDRESS <b>PDEH LLC 600 W ILLINOIS AVE  MIDLAND, TX 79701-</b>					6a. Original Form W-1 filed in name of:					10. County <b>WINKLER</b>					
					6b. Any subsequent W-1's filed in name of:					11. Date Drilling Permit Issued					
8. Location of well, relative to nearest lease boundaries of lease on which this well is located					feet from line and feet from					12. Permit Number					
					line of the lease										
9a. SECTION, BLOCK and SURVEY					9b. Distance and direction from nearest town in this county					13. Date Drilling Commenced					
16. Type Well (oil, gas, or dry)		Total Depth <b>17600</b>		If multiple completion list all field names and oil lease or gas id no.'s				Gas ID or Oil Lease #	Oil - O Gas - G	Well #	14. Date Drilling Completed				
18. If gas, amt. of cond. on hand at time of plugging										15. Date Well Plugged <b>09/15/2023</b>					
<b>CEMENTING TO PLUG AND ABANDON DATA:</b>					<b>PLUG #9</b>	<b>PLUG #10</b>	<b>PLUG #11</b>	<b>PLUG #12</b>	<b>PLUG #13</b>	<b>PLUG #14</b>	<b>PLUG #15</b>	<b>PLUG #16</b>			
*19. Cementing Date					09/12/23	09/12/23	09/13/23	09/14/23	09/14/23	09/15/23					
20. Size of Hole or Pipe in which Plug Placed (inches)					5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2					
21. Depth to Bottom of Tubing or Drill Pipe (ft.)					5215	3600	2000	750	350	50					
*22. Sacks of Cement Used (each plug)					100	60	105	70	200	10					
*23. Slurry Volume Pumped (cu. ft.)					132.00	79.20	138.60	92.40	264.00	13.20					
*24. Calculated Top of Plug (ft.)					5065	3500	1880	650	250	0					
25. Measured Top of Plug (if tagged) (ft.)					5003	3461			222	3					
*26. Slurry Wt. # / Gal.					14.8	14.8	14.8	14.8	14.8	14.8					
*27. Type Cement					C	C	C	C	C	C					
28. CASING AND TUBING RECORD AFTER PLUGGING							29. Was any non-drillable material (other than casing) left in this well?								
SIZE	WT.# / FT.	PUT IN WELL (ft.)	LEFT IN WELL (ft.)	HOLE SIZE (in.)	29a. If answer to above is "Yes" state depth to top of "junk" left in hole and briefly describe non-drillable material.										
30. LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS															
FROM		TO			FROM		TO								
FROM		TO			FROM		TO								
FROM		TO			FROM		TO								
FROM		TO			FROM		TO								
FROM		TO			FROM		TO								

I have knowledge that the cementing operations, as reflected by the information found on this form, were performed as indicated by such information.

\* Designates items to be completed by Cementing Company. Items not so designated shall be completed by operator.

Jason D. McCullough

Axis Energy Services, LLC

Signature of Cementer or Authorized Representative

Name of Cementing Company

**CERTIFICATE:**

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.

Sunshine Turnbow

Reg Coordinator

09/19/2023

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(432) 688-6642

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Becky Rodriguez

SIGNATURE: REPRESENTATIVE OF RAILROAD COMMISSION

31. Was well filled with mud - laden fluid, according to the regulations of the Railroad Commission? <div style="text-align: right;"><b>Yes</b></div>	32. How was mud applied? <b>Pump</b>	33. Mud Weight <div style="text-align: right;"><b>9.5</b></div> <div style="text-align: right;">LBS/GAL</div>										
34. Total Depth <div style="text-align: right;"><b>17600</b></div> Depth of Deepest Fresh Water <div style="text-align: right;"><b>300</b></div>	Other Fresh Water Zones by GAU <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;"><b>TOP</b></td> <td style="width: 33%; text-align: center;"><b>BOTTOM</b></td> </tr> <tr><td style="border-bottom: 1px solid black;"></td><td style="border-bottom: 1px solid black;"></td></tr> <tr><td style="border-bottom: 1px solid black;"></td><td style="border-bottom: 1px solid black;"></td></tr> <tr><td style="border-bottom: 1px solid black;"></td><td style="border-bottom: 1px solid black;"></td></tr> <tr><td style="border-bottom: 1px solid black;"></td><td style="border-bottom: 1px solid black;"></td></tr> </table>	<b>TOP</b>	<b>BOTTOM</b>									35. Have all abandoned wells on this lease been plugged according to R R C Rules? <div style="text-align: right;"><b>Yes</b></div>
<b>TOP</b>	<b>BOTTOM</b>											
36. If No, Explain												
37. Name and address of cementing or service company who mixed and pumped cement plugs in this well <b>AXIS ENERGY SERVICES, LLC</b> , Axis Energy Services, LLC. PO Box 790 Kilgore, TX 75663		Date RRC District Office notified of plugging <div style="text-align: right;"><b>08/14/2023</b></div>										
38. Name(s) and address(es) of surface owners of well site <b>University of Texas</b> , PO Box 553 , Midland , Tx , 79702 <hr/> <hr/> <hr/> <hr/> <hr/>												
39. Was notice given before plugging to the above? <div style="text-align: right;"><b>Yes</b></div>												
<b>FILL IN BELOW FOR DRY HOLES ONLY</b>												
40. For dry holes, this form must be accompanied by RRC Form L-1 (Electric Log Status Report). If confidentiality is requested on the L-1, attach a copy of the header for each log that has been run on the well.  <input type="checkbox"/> L-1 Attached  <input type="checkbox"/> Log Header(s) Attached  NOTE: Well Logs should be submitted to the RRC using the on-line Digital Well Log Submission (DWL) application												
41. Date FORM P-8 (Special Clearance) filed:												
42. Amount of oil produced prior to plugging _____ bbls * File FORM P-1 (Oil Production Report) for month this oil was produced												
<b><u>R R C USE ONLY</u></b>  Nearest field _____												

#### REMARKS

Set CIBP @ 14650â•Ž kb  
 Note: All measurements in KB  
 Shoot perms @ 12000 kb, 10300 kb, 9110 kb, 8100 kb, 7645 kb, 5215 kb, 3600 kb, 2000 kb, 750 kb  
 Perf @ 350 kb: Circulate cement to surface in 9 5/8 x 5 1/2 annulus and 13 3/8 and 9 5/8 annulus.