

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION

Status As Approved		Tracking # A4975D7B		API No. (if available) 42- 30131257		1. RRC District 08					
FILE WITH DISTRICT OFFICE OF DISTRICT IN WHICH WELL IS LOCATED WITHIN THIRTY DAYS AFTER PLUGGING						4. RRC Lease or ID Number 218156					
2. FIELD NAME (as per RRC records) HALEY [LWR. WOLFCAMP-PENN CONS.]			3. Lease Name UNIVERSITY 20-18			5. Well Number 1					
6. OPERATOR & 7. ADDRESS PDEH LLC 600 W ILLINOIS AVE MIDLAND, TX 79701-			6a. Original Form W-1 filed in name of: CHESAPEAKE OPERATING, INC			10. County LOVING					
			6b. Any subsequent W-1's filed in name of:			11. Date Drilling Permit Issued 10/06/2005					
8. Location of well, relative to nearest lease boundaries of lease on which this well is located			660.00 feet from West line and 2540.00 feet from			12. Permit Number 607452					
			South line of the University 20-18 lease								
9a. SECTION, BLOCK and SURVEY 18 , 20 , A-0 UL			9b. Distance and direction from nearest town in this county 17 miles East of Mentone, TX			13. Date Drilling Commenced 11/23/2005					
16. Type Well (oil, gas, or dry) Gas	Total Depth 17900	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 03/10/2006			
18. If gas, amt. of cond. on hand at time of plugging								15. Date Well Plugged 11/15/2023			
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				10/31/23	11/03/23	11/03/23	11/06/23	11/06/23	11/07/23	11/07/23	11/08/23
20. Size of Hole or Pipe in which Plug Placed (inches)				5	5	5	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.)				15648	15039	12731	11875	9062	6500	5150	3000
*22. Sacks of Cement Used (each plug)				3	25	25	30	30	20	70	300
*23. Slurry Volume Pumped (cu. ft.)				3.66	30.50	30.50	36.60	36.60	25.00	93.00	396.00
*24. Calculated Top of Plug (ft.)				15608	14698	12390	11551	8738	6279	4945	2760
25. Measured Top of Plug (if tagged) (ft.)				15618						4937	
*26. Slurry Wt. # / Gal.				15.5	15.5	15.5	15.5	15.5	15.5	14.8	14.8
*27. Type Cement				CIBP, H	H	H	H	H	H	C	C
28. CASING AND TUBING RECORD AFTER PLUGGING						29. Was any non-drillable material (other than casing) left in this well? No					
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		5100	5097	17 1/2							
9 5/8		12600	12597	12 1/4							
5 1/2		17900	17897	6 1/2							
30. LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS											
FROM	15731	TO	16017	FROM		TO					
FROM	16915	TO	17172	FROM		TO					
FROM	17311	TO	17669	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

01/03/2024

PHONE

(432) 688-6642

REPRESENTATIVE OF COMPANY

TITLE

DATE

A/C

NUMBER

Mary Carrasco

SIGNATURE: REPRESENTATIVE OF RAILROAD COMMISSION

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6. OPERATOR & 7. ADDRESS PDEH LLC 600 W ILLINOIS AVE MIDLAND, TX 79701-			6a. Original Form W-1 filed in name of:			10. County LOVING					
			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 17900	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 11/15/2023			
CEMENTING TO PLUG AND ABANDON DATA:				PLUG #9	PLUG #10	PLUG #11	PLUG #12	PLUG #13	PLUG #14	PLUG #15	PLUG #16
*19. Cementing Date				11/09/23	11/10/23	11/14/23	11/15/23				
20. Size of Hole or Pipe in which Plug Placed (inches)				5 1/2	5 1/2	5 1/2	5 1/2				
21. Depth to Bottom of Tubing or Drill Pipe (ft.)				1552	1125	800	350				
*22. Sacks of Cement Used (each plug)				208	85	250	120				
*23. Slurry Volume Pumped (cu. ft.)				275.00	112.00	330.00	159.00				
*24. Calculated Top of Plug (ft.)				1150	1025	700	0				
25. Measured Top of Plug (if tagged) (ft.)					1015		0				
*26. Slurry Wt. # / Gal.				14.8	14.8	14.8	14.8				
*27. Type Cement				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	01/03/2024	PHONE	(432) 688-6642
REPRESENTATIVE OF COMPANY	TITLE	DATE	A/C	NUMBER

Mary Carrasco

SIGNATURE: REPRESENTATIVE OF RAILROAD COMMISSION

31. Was well filled with mud - laden fluid, according to the regulations of the Railroad Commission? <p style="text-align: right;">Yes</p>	32. How was mud applied? <p>Pumped</p>	33. Mud Weight <p style="text-align: center;">9.8 LBS/GAL</p>								
34. Total Depth <p style="text-align: center;"><u>17900</u></p> Depth of Deepest Fresh Water <p style="text-align: center;"><u>300</u></p>	Other Fresh Water Zones by GAU <table style="width:100%; border-collapse: collapse;"> <tr> <td style="text-align: center; border-bottom: 1px solid black;">TOP</td> <td style="text-align: center; border-bottom: 1px solid black;">BOTTOM</td> </tr> <tr> <td style="text-align: center; border-bottom: 1px solid black;">750</td> <td style="text-align: center; border-bottom: 1px solid black;">1075</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>	TOP	BOTTOM	750	1075					35. Have all abandoned wells on this lease been plugged according to R R C Rules? <p style="text-align: right;">Yes</p>
TOP	BOTTOM									
750	1075									
36. If No, Explain 		37. Name and address of cementing or service company who mixed and pumped cement plugs in this well AXIS ENERGY SERVICES, LLC Axis Energy Services. P.O. Box 790 Kilgore, TX 75663								
38. Name(s) and address(es) of surface owners of well site University of Texas PO Box 553 Midland Tx 79702		Date RRC District Office notified of plugging <p style="text-align: right;">10/29/2023</p>								
39. Was notice given before plugging to the above? <p style="text-align: right;">Yes</p>										
FILL IN BELOW FOR DRY HOLES ONLY										
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										
<u>R R C USE ONLY</u>										
Nearest field _____										

REMARKS

REMARKS CIBP SET AT 15648'± Perf csg @ 11,800'±. No injection Rate. Perf csg @ 9,000'±. No injection rate. Perf csg @ 5,150'±. Perf csg @ 3,000'±. Perf csg @ 1,552'±. Perf csg @ 1,125'±. Cut holes in 5-1/2"± & 9-5/8"± @ 800'± to SQZ plug. 11/15/2023: Bubble Test all Casing Strings. Good test. Perf csg @ 350'
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