



RAILROAD COMMISSION OF TEXAS

Form W-2

1701 N. Congress  
P.O. Box 12967  
Austin, Texas 78701-2967

Status: Approved  
Date: 08/19/2021  
Tracking No.: 253937

OIL WELL POTENTIAL TEST, COMPLETION OR RECOMPLETION REPORT,

OPERATOR INFORMATION			
Operator	FDL OPERATING, LLC	Operator	263924
Operator	ATTN ROBIN SWANNER PO BOX 472 JUDSON, TX 75660-0000		

WELL INFORMATION			
API	42-003-41592	County:	ANDREWS
Well No.:	14	RRC District	08
Lease	PHILLIPS UNIVERSITY "P"	Field	MARTIN (CONSOLIDATED)
RRC Lease	37209	Field No.:	57774275
Location	Section: 13, Block: 11, Survey: UL, Abstract:		
Latitude		Longitud	
This well is 16 miles in a SW direction from ANDREWS, which is the nearest town in the			

FILING INFORMATION			
Purpose of	Well Record Only		
Type of	Other/Recompletion		
Well Type:	Producing	Completion or Recompletion	07/03/2021
Type of Permit	Date	Permit No.	
Permit to Drill, Plug Back, or Rule 37 Exception	07/20/2010	694031	
Fluid Injection			
O&G Waste Disposal			
Other:			

COMPLETION INFORMATION			
Spud	06/13/2020	Date of first production after rig	07/03/2021
Date plug back, deepening, drilling operation	07/01/2021	Date plug back, deepening, recompletion, drilling operation	07/03/2021
Number of producing wells on this lease this field (reservoir) including this	21	Distance to nearest well in lease & reservoir	852.0
Total number of acres in	294.00	Elevation	3285 GR
Total depth TVD	8555	Total depth MD	
Plug back depth TVD		Plug back depth MD	
Was directional survey made other inclination (Form W-	No	Rotation time within surface casing Is Cementing Affidavit (Form W-15)	No
Recompletion or	Yes	Multiple	No
Type(s) of electric or other log(s)	None		
Electric Log Other Description:			
Location of well, relative to nearest lease of lease on which this well is	992.0 Feet from the 1725.0 Feet from the	Off Lease :	No
SE Line and NE Line of the PHILLIPS UNIVERSITY "P" Lease.			

FORMER FIELD (WITH RESERVOIR) & GAS ID OR OIL LEASE NO.			
Field & Reservoir	Gas ID or Oil Lease	Well No.	Prior Service Type
PACKET:	N/A		

W2:	N/A		
FOR NEW DRILL OR RE-ENTRY, SURFACE CASING DEPTH DETERMINED BY:			
GAU Groundwater Protection Determination	Depth	1350.0	Date 04/06/2010
SWR 13 Exception	Depth		

INITIAL POTENTIAL TEST DATA FOR NEW COMPLETION OR RECOMPLETION		
Date of		Production
Number of hours	24	Choke
Was swab used during this	No	Oil produced prior to
PRODUCTION DURING TEST PERIOD:		
Oil		Gas
Gas - Oil	0	Flowing Tubing
Water		
CALCULATED 24-HOUR RATE		
Oil		Gas
Oil Gravity - API - 60.:		Casing
Water		

CASING RECORD											
Ro	Type of Casing	Casing	Hole	Setting	Multi -	Multi -	Cement	Cement	Slurry	Top of	TOC
		Size (in.)	Size	Depth	Stage Tool	Stage Shoe	Class	Amoun	Volume (cu.	Cement (ft.)	Determined By
1	Surface	8 5/8	12 1/4	1477			C	830	1484.0	SURF	Circulated to Surface
2	Conventional Production	5 1/2	7 7/8	8555			H 50:50	1130	1743.0	2800	Calculation

LINER RECORD									
<u>Ro</u>	<u>Liner Size</u>	<u>Hole Size</u>	<u>Liner Top</u>	<u>Liner Bottom</u>	<u>Cement Class</u>	<u>Cement Amoun</u>	<u>Slurry Volume (cu.)</u>	<u>Top of Cement (ft.)</u>	<u>TOC Determined</u>
N/A									

TUBING RECORD			
<u>Ro</u>	<u>Size (in.)</u>	<u>Depth</u>	<u>Size (ft.)</u>
1	2 7/8	7680	
			<u>Packer Depth (ft.)/Type</u>
			/

PRODUCING/INJECTION/DISPOSAL INTERVAL			
<u>Ro</u>	<u>Open hole?</u>	<u>From (ft.)</u>	<u>To (ft.)</u>
1	No	L 4349	4596.0
2	No	L 6664	6844.0
3	No	L 7068	7510.0
4	No	L 8183	8272.0
5	No	L 8378	8474.0

ACID, FRACTURE, CEMENT SQUEEZE, CAST IRON BRIDGE PLUG, RETAINER, ETC.			
Was hydraulic fracturing treatment		No	
Is well equipped with a downhole sleeve?		No	
		If yes, actuation pressure	
Production casing test pressure (PSIG) during hydraulic fracturing		Actual maximum pressure (PSIG) during fracturin	
Has the hydraulic fracturing fluid disclosure been		No	
Ro	Type of Operation	Amount and Kind of Material Used	Depth Interval (ft.)
N/A			

FORMATION RECORD					
Formations	Encountere	Depth TVD	Depth MD	Is formation	Remarks
YATES	No			Yes	NOT ENCOUNTERED
SEVEN RIVERS	No			Yes	NOT ENCOUNTERED
QUEEN	No			Yes	NOT ENCOUNTERED
GRAYBURG	No			Yes	NOT ENCOUNTERED
SAN ANDRES - CO2 FLOOD, HIGH FLOWS, H2S, CORROSIVE	Yes	4211.0		No	ACTIVE PERFS FROM 4349-4596
HOLT	No			Yes	NOT ENCOUNTERED
GLORIETA	No			Yes	NOT ENCOUNTERED
CLEARFORK	Yes	5650.0		No	PERFS ABOVE AND BELOW
TUBB	Yes	6177.0		No	PERFS ABOVE AND BELOW
PERMIAN DETRITAL	No			Yes	NOT ENCOUNTERED
LEON	No			Yes	NOT ENCOUNTERED
WICHITA ALBANY	Yes	6664.0		No	ACTIVER PERF 6664-7510
SPRABERRY	No			Yes	NOT ENCOUNTERED
DEAN	No			Yes	NOT ENCOUNTERED
WOLFCAMP	No			Yes	NOT ENCOUNTERED
CANYON	No			Yes	NOT ENCOUNTERED
PENNSYLVANIAN	No			Yes	NOT ENCOUNTERED
STRAWN	No			Yes	NOT ENCOUNTERED
DEVONIAN	No			Yes	NOT ENCOUNTERED
SILURIAN	No			Yes	NOT ENCOUNTERED
FUSSELMAN	No			Yes	NOT ENCOUNTERED
MCKEE	No			Yes	NOT ENCOUNTERED
ELLENBURGER	No			Yes	NOT ENCOUNTERED
PRECAMBRIAN (UNDIFFERENTIATED)	No			Yes	NOT ENCOUNTERED
Do the producing interval of this well produce H2S with a concentration in excess of 100 ppm					No
Is the completion being downhole commingled					No

REMARKS
UPDATING WELL RECORD TO SHOW CHANGE IN TUBING DEPTH

RRC REMARKS	
PUBLIC COMMENTS:	
CASING RECORD :	
TUBING RECORD:	
PRODUCING/INJECTION/DISPOSAL INTERVAL :	
ACID, FRACTURE, CEMENT SQUEEZE, CAST IRON BRIDGE PLUG, RETAINER, ETC. :	
POTENTIAL TEST DATA:	

OPERATOR'S CERTIFICATION			
Printed	Rebecca Greer	Title:	
Telephone	(432) 523-1021	Date	08/12/2021

# RAILROAD COMMISSION OF TEXAS

FORM H-9

## OIL AND GAS DIVISION

12/12/77

### CERTIFICATE OF COMPLIANCE STATEWIDE RULE 36

1. Operator FDL OPERATING, LLC		2. Operator Number 263924		3. RRC Dist. 08	
4. Street or P.O. Box No. ATTN ROBIN SWANNER		5. City JUDSON		6. State TX	
				7. Zip Code 75660	
8. Name of Lease, Facility or Operation Multiple Operations listed. See Attachment.		9. Field or Area Name MARTIN (CONSOLIDATED)			10. County ANDREWS
11. General Operation Type Oil Field Production		Other Explanation			
12. RRC ID of Operation(s) to be Covered by this Certificate. Multiple Operations listed. See Attachment.			Type of Operation		Storage
13. Hydrogen Sulfide 24587 PPM		14. Maximum Escape Volume 800 MCF/Day		15. 100 PPM Radius of Exposure 650 Ft.	
16. 500 PPM Radius of Exposure 297 Ft.		17. Operation Existing			
		18. Modification Resulting in Certificate No			
19. Workover or Drilling Well with 100 PPM ROE Greater than 3000 feet on Rule 36 Certified No					
20. Previous Certificate Number if					
21. The 100 PPM ROE includes any part of a public area except a public road. No					
22. The 500 PPM ROE includes any part of a public road No					
23. Injection of fluid containing Hydrogen Sulfide No					
24. Date(or Depth) of Compliance with all applicable provisions of Rule 36 09/22/2020					
Depth of Compliance for Drilling Operations Ft. from Surface					
25. Contingency Plan and Location of Contingency Has been prepared No					
26. Location of data used to prepare this certificate. FDL OPERATING, LLC 1602 WEST BROADWAY ANDREWS TX					
Test Company LEGACY SAFETY AND (623) 414-1248					
Company Name Phone					

This operation and the equipment used therein is approved on the basis of the above certification and is subject to further Commission audit for compliance with the required provisions of Statewide Rule 36. This approval may be canceled if investigation determines that the operation does not comply with the provisions of Statewide Rule 36.

Approved By: Andie Landis Date Approved: 10/07/2020

Certification 116136 Date Terminated: \_\_\_\_\_

# RAILROAD COMMISSION OF TEXAS

FORM H-9

## OIL AND GAS DIVISION

12/12/77

### CERTIFICATE OF COMPLIANCE STATEWIDE RULE 36

RRC ID# of Operation(s)	Operation Name	Type	Storage Facility Only
36486	PHILLIPS UNIVERSITY -O-	Oil Lease Number	No
37209	PHILLIPS UNIVERSITY "P"	Oil Lease Number	No



Texas Commission  
on Environmental Quality  
Surface Casing Program

# DEPTH OF USABLE-QUALITY GROUND WATER TO BE PROTECTED

Date **April 6, 2010**

TCEQ File No.: SC- **13452**

\*\*\*\*\* EXPEDITED APPLICATION \*\*\*\*\*

API Number **00300000**

Attention: **JOEL EILERTS**

RRC Lease No. **000000**

SC\_748011\_00300000\_000000\_13452.pdf

SANDRIDGE E&P LLC  
123 ROBERT S KERR  
OKLAHOMA CITY OK 73102

P-5# 748011

--Measured--

1725 ft FEL

992 ft FSL

MRL: SECTION

Digital Map Location:

X-coord/Long **378109**

Y-coord/Lat **216633**

Datum **27** Zone **C**

County **ANDREWS**

Lease & Well No. **PHILLIPS UNIVERSITY P #14**

Purpose **ND**

Location **SUR-UL, BLK-11, SEC-13, -- [TD=12000] , [RRC 8] ,**

To protect usable-quality ground water at this location, the Texas Commission on Environmental Quality recommends:

The interval from the land surface to a depth of 250 feet  
and the ZONE from 1000 feet to 1350 feet must be protected.

Note: Unless stated otherwise, this recommendation is intended to apply only to the subject well and not for area-wide use. Approval of the well completion methods for protection of this groundwater falls under the jurisdiction of the Railroad Commission of Texas. **This recommendation is intended for normal drilling, production, and plugging operations only. It does not apply to saltwater disposal operation into a nonproductive zone (RRC Form W-14).**

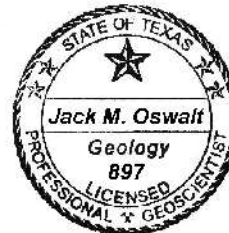
If you have any questions, please contact us at 512-239-0515, [sc@tceq.state.tx.us](mailto:sc@tceq.state.tx.us), or by mail MC-151.

Sincerely,

Digitally signed by Jack M Oswalt  
DN: c=US, st=Texas, l=Austin,  
cn=Jack M Oswalt,  
email=joswalt@tceq.state.tx.us  
Date: 2010.04.06 08:22:35 -05'00'

**Jack M. Oswalt, P.G.**

GEOLOGIST SEAL



Geologist, Surface Casing Team  
Waste Permits Division

The seal appearing on this document was authorized by Jack M. Oswalt on 4/6/2010  
Note: Alteration of this electronic document will invalidate the digital signature.