

API No. 42-185-30891		RAILROAD COMMISSION OF TEXAS OIL & GAS DIVISION APPLICATION FOR PERMIT TO DRILL, RECOMPLETE, OR RE-ENTER <i>This facsimile W-1 was generated electronically from data submitted to the RRC. A certification of the automated data is available in the RRC's Austin office.</i>				FORM W-1 07/2004		
Drilling Permit # 851355 SWR Exception Case/Docket No.						Permit Status: Approved		
1. RRC Operator No. 027200		2. Operator's Name (as shown on form P-5, Organization Report) APACHE CORPORATION			3. Operator Address (include street, city, state, zip): ATTN ELAINE RUEDA STE 1000 2000 W SAM HOUSTON PKY SOUTH HOUSTON, TX 77042-0000			
4. Lease Name CARTER KNOX		5. Well No. 1						
GENERAL INFORMATION								
6. Purpose of filing (mark ALL appropriate boxes): <input checked="" type="checkbox"/> New Drill <input type="checkbox"/> Recompletion <input type="checkbox"/> Reclass <input type="checkbox"/> Field Transfer <input type="checkbox"/> Re-Enter <input type="checkbox"/> Amended <input type="checkbox"/> Amended as Drilled (BHL) (Also File Form W-1D)								
7. Wellbore Profile (mark ALL appropriate boxes): <input checked="" type="checkbox"/> Vertical <input type="checkbox"/> Horizontal (Also File Form W-1H) <input type="checkbox"/> Directional (Also File Form W-1D) <input type="checkbox"/> Sidetrack								
8. Total Depth 12000		9. Do you have the right to develop the minerals under any right-of-way ? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		10. Is this well subject to Statewide Rule 36 (hydrogen sulfide area)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
SURFACE LOCATION AND ACREAGE INFORMATION								
11. RRC District No. 03		12. County GRIMES		13. Surface Location <input checked="" type="checkbox"/> Land <input type="checkbox"/> Bay/Estuary <input type="checkbox"/> Inland Waterway <input type="checkbox"/> Offshore				
14. This well is to be located 4.5 miles in a SE direction from lola which is the nearest town in the county of the well site.								
15. Section		16. Block		17. Survey STODDART, J W		18. Abstract No. A-415		
				19. Distance to nearest lease line: 690 ft.		20. Number of contiguous acres in lease, pooled unit, or unitized tract: 84.92		
21. Lease Perpendiculars: 761 ft from the NW line and 690 ft from the SW line.								
22. Survey Perpendiculars: 1349 ft from the SE line and 4502 ft from the SW line.								
23. Is this a pooled unit? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		24. Unitization Docket No:		25. Are you applying for Substandard Acreage Field? <input type="checkbox"/> Yes (attach Form W-1A) <input checked="" type="checkbox"/> No				
FIELD INFORMATION List all fields of anticipated completion including Wildcat. List one zone per line.								
26. RRC District No.	27. Field No.	28. Field Name (exactly as shown in RRC records)			29. Well Type	30. Completion Depth	31. Distance to Nearest Well in this Reservoir	32. Number of Wells on this lease in this Reservoir
03	00006001	WILDCAT			Oil or Gas Well	12000	0.00	1
BOTTOMHOLE LOCATION INFORMATION is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS								
Remarks					Certificate:			
					I certify that information stated in this application is true and complete, to the best of my knowledge.			
RRC Use Only					Bill Spencer, Consultant Mar 22, 2019			
					Name of filer Date submitted			
					(512)9181062 bill@spencerconsulting.org			
					Phone E-mail Address (OPTIONAL)			

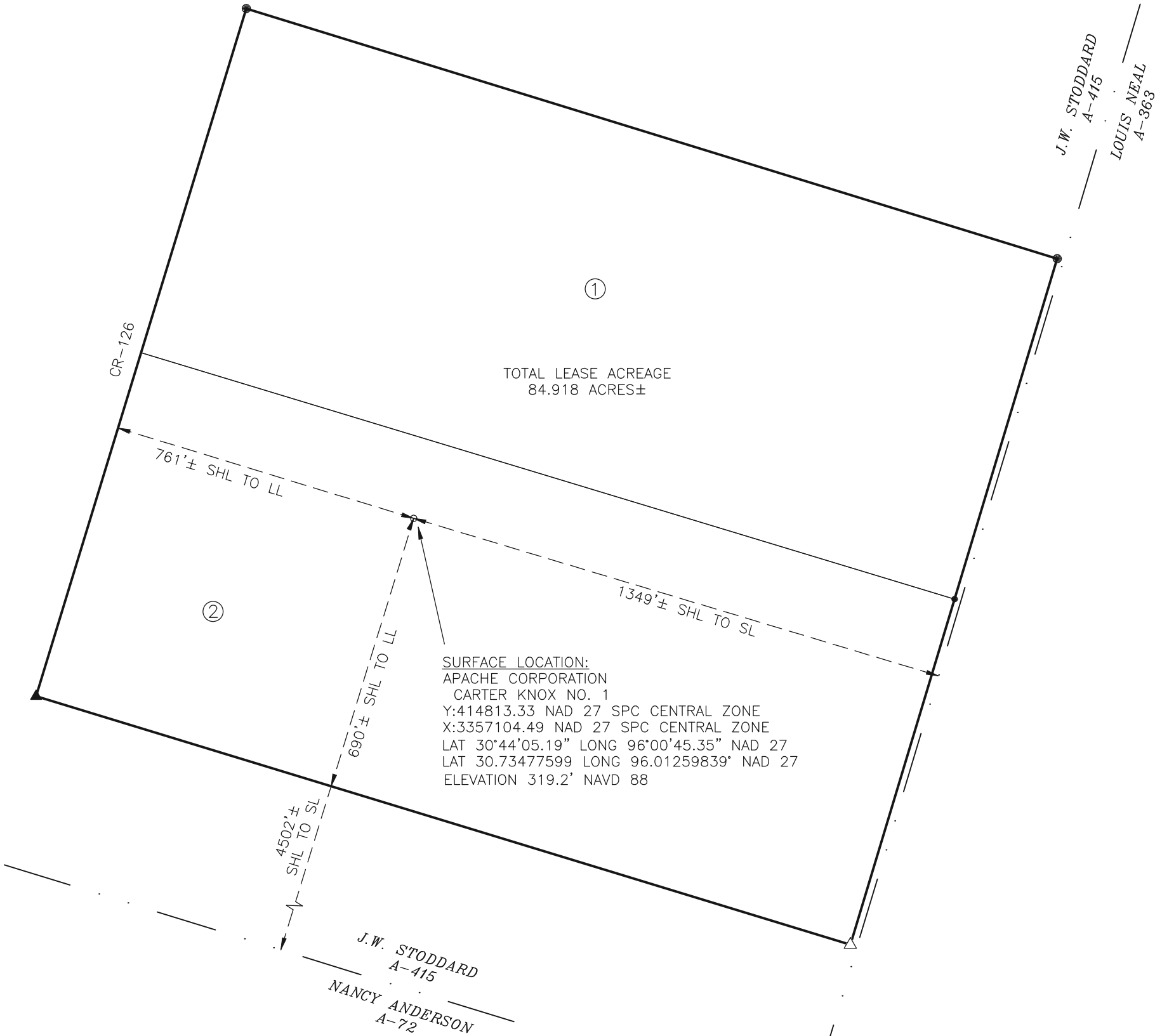
NOTES

1. THIS EXHIBIT REPRESENTS A WELL LOCATION AS STAKED ON THE GROUND JANUARY 22, 2019 AND IS FOR PERMIT PURPOSES ONLY. THIS IS NOT A BOUNDARY SURVEY.
2. LOCATION IS APPROXIMATELY 4.5 MILES SOUTH EAST OF IOLA, TEXAS.
3. EXCEPT AS NOTED, THIS PERMIT PLAT DOES NOT SHOW ANY ENVIRONMENTAL SITES, HAZARDOUS WASTE SITES, OR STRUCTURES BEING EITHER SURFACE OR SUBSURFACE THAT WOULD ENCUMBER PROPOSED WELL LOCATION AND NO LIABILITY SHALL BE PLACED UPON SURVEYOR FOR SUCH OMISSIONS.
4. THE BEARING BASIS FOR THIS SURVEY REFERS TO GRID NORTH AND WAS DETERMINED USING GPS OBSERVATIONS. THE COORDINATE SYSTEM USED FOR THIS PROJECT IS THE TEXAS STATE PLANE COORDINATE SYSTEM, NAD 27, CENTRAL ZONE. ELEVATIONS ARE BASED ON GPS OBSERVATIONS AND ARE IN NAVD 88.
5. ORIGINAL SURVEY LINE LOCATIONS SHOWN ARE FROM RAILROAD COMMISSION DIGITAL DATA AND ARE APPROXIMATED. THIS SURVEYOR DID NOT DETERMINE THE EXISTENCE OF ANY VACANCY, EXCESS, OR SHORTAGE OF AREA IN ANY OF THE ORIGINAL GRANTS SHOWN HEREON.
6. MINERAL TRACT INFORMATION WAS PROVIDED BY CLIENT OR THEIR REPRESENTATIVES AND THIS SURVEYOR ACCEPTS NO RESPONSIBILITY FOR SAID INFORMATION.

UNIT ACREAGE INDEX		
TRACT NO.	MINERAL OWNER	UNIT ACRES
①	WILLIAM D. CARTER ET UX	42.288
②	GWENDA B. KNOX	42.630



SURFACE HOLE LOCATION
1349± FSEL AND 4502'± FSWL OF
THE J. W. STODDARD SURVEY, A-415
761'± FROM PROPOSED NW LL AND
690'± FROM PROPOSED SW LL



LEGEND

- 1/2" IRON ROD FOUND UNLESS OTHERWISE NOTED
- ▲ FENCE POST
- ORIGINAL SURVEY LINE (SL)
- LEASE LINE (LL)
- SHL SURFACE HOLE LOCATION
- OHU OVERHEAD UTILITIES
- △ CALCULATED POINT

LINE	BEARING	DISTANCE
L1	S 67°16'48" E	300.21'
L2	S 22°46'49" W	150.33'
L3	N 67°13'00" W	300.17'
L4	N 22°45'52" E	149.99'



Eric J. Dannheim
3/21/2019
ERIC J. DANNHEIM, R.P.L.S. NO. 6075
FIRM NO. 10194453

APACHE CORPORATION
CARTER KNOX NO. 1
WELL PERMIT PLAT
J. W. STODDARD SURVEY,
ABSTRACT 415
GRIMES COUNTY, TEXAS



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