

API No. <u>42-475-36257</u> Drilling Permit # <u>749115</u> SWR Exception Case/Docket No. <u>0289689</u> (R37)		RAILROAD COMMISSION OF TEXAS OIL & GAS DIVISION APPLICATION FOR PERMIT TO DRILL, RECOMPLETE, OR RE-ENTER <small>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.</small>				FORM W-1 07/2004 Permit Status: Approved	
1. RRC Operator No. <u>774719</u>		2. Operator's Name (as shown on form P-5, Organization Report) SHELL WESTERN E&P			3. Operator Address (include street, city, state, zip):		
4. Lease Name <u>TRAUBE 1-11 WRD</u>		5. Well No. <u>2H</u>					
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 checked="" type="checkbox"/> Amended <input type="checkbox"/> Amended as Drilled (BHL) (Also File Form W-1D)							
7. Wellbore Profile (mark ALL appropriate boxes): <input type="checkbox"/> Vertical <input checked="" type="checkbox"/> Horizontal (Also File Form W-1H) <input type="checkbox"/> Directional (Also File Form W-1D) <input type="checkbox"/> Sidetrack							
8. Total Depth <u>18000</u>		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. <u>08</u>		12. County <u>WARD</u>		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 <u>9.7</u> miles in a <u>N</u> direction from <u>Barstow</u> which is the nearest town in the county of the well site.							
15. Section <u>11</u>		16. Block <u>1</u>		17. Survey <u>W&NW RR CO</u>		18. Abstract No. <u>A-321</u>	
				19. Distance to nearest lease line: <u>1</u> ft.		20. Number of contiguous acres in lease, pooled unit, or unitized tract: <u>323.75</u>	
21. Lease Perpendiculars: <u>249</u> ft from the <u>NE</u> line and <u>655</u> ft from the <u>NW</u> line. 22. Survey Perpendiculars: <u>249</u> ft from the <u>NE</u> line and <u>655</u> ft from the <u>NW</u> 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	
08	71052900	PHANTOM (WOLFCAMP)		Oil Well	18000	1272.00	
BOTTOMHOLE LOCATION INFORMATION is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS (see W-1H attachment)							
<u>Remarks</u> [FILER Apr 23, 2014 1:59 PM]: This well was originally permitted with a "No Perf Zone" (NPZ) in Tract 7, the well was perforated across the NPZ and we are now requesting an exception to SWR 37.				<u>Certificate:</u> I certify that information stated in this application is true and complete, to the best of my knowledge. <div style="text-align: center;"> George Mullen, Sr. Regulatory Specialist </div> <div style="display: flex; justify-content: space-between;"> <div> <u>Name of filer</u> <u>(832)337-0549</u> Phone </div> <div> <u>Apr 25, 2014</u> <u>george.mullen@shell.com</u> Date submitted E-mail Address (OPTIONAL) </div> </div>			
RRC Use Only Data Validation Time Stamp: Jul 8, 2014 12:47 PM('As Approved' Version)							

Permit Status: Approved The RRC has not approved this application. Duplication or distribution of information is at the user's own risk.
--

RAILROAD COMMISSION OF TEXAS
OIL & GAS DIVISION

Form W-1H 07/2004
 Supplemental Horizontal Well Information

APPLICATION FOR PERMIT TO DRILL, RECOMPLETE, OR RE-ENTER

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.

Permit #	749115
Approved Date:	Jul 08, 2014

1. RRC Operator No. 774719	2. Operator's Name (exactly as shown on form P-5, Organization Report) SHELL WESTERN E&P	3. Lease Name TRAUBE 1-11 WRD	4. Well No. 2H
--------------------------------------	--	---	--------------------------

Lateral Drainhole Location Information

5. Field as shown on Form W-1	PHANTOM (WOLFCAMP) (Field # 71052900, RRC District 08)
-------------------------------	---

6. Section 11	7. Block 1	8. Survey W&NW RR CO	9. Abstract 321	10. County of BHL WARD
-------------------------	----------------------	------------------------------------	---------------------------	----------------------------------

	11. Terminus Lease Line Perpendiculars			
	240	ft. from the	SW	line. and 616 ft. from the NW line
	12. Terminus Survey Line Perpendiculars			
	240	ft. from the	SW	line. and 616 ft. from the NW line
	13. Penetration Point Lease Line Perpendiculars			
	39	ft. from the	NE	line. and 554 ft. from the NW line

TRAUBE 1-11 WRD 2H

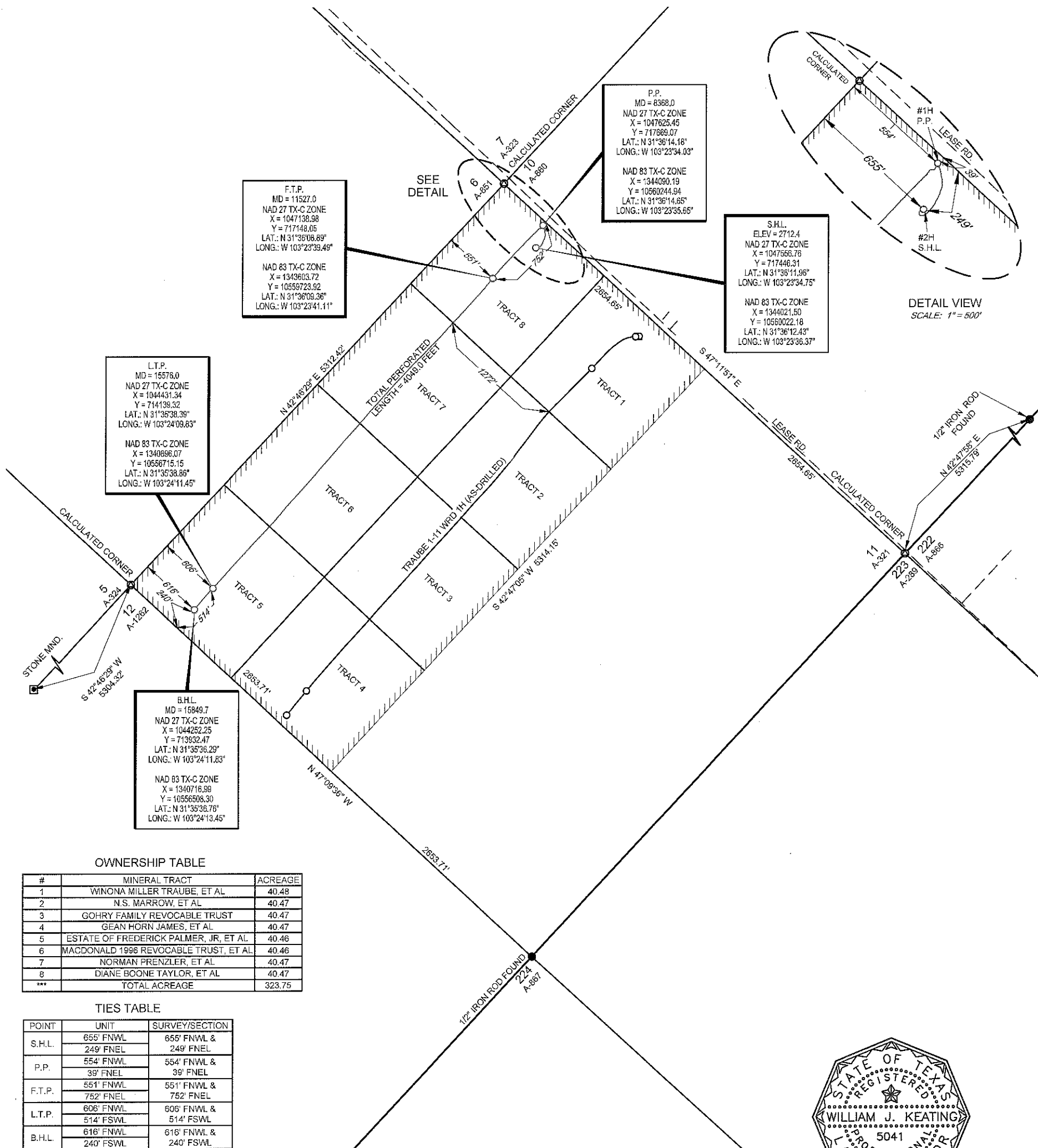
323.75 ACRES (MEASURED)
SECTION 11, BLOCK 1, W. & N. W. RR CO. SURVEY
WARD COUNTY, TEXAS
AS-DRILLED LOCATION

SHELL WESTERN
E&P

LEGEND

	UNIT BOUNDARY
	BLOCK/TOWNSHIP LINE
	SURVEY/SECTION LINE
	AS-DRILLED WELL PATH
	EXISTING WELL PATH
	MINERAL TRACT BOUNDARY
	ROAD WAY
	IRON ROD FOUND
	STONE MOUND
	CALCULATED CORNER
	WELL

SCALE: 1" = 1000'
0' 500' 1000'



OWNERSHIP TABLE

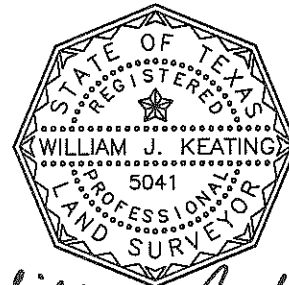
#	MINERAL TRACT	ACREAGE
1	WINONA MILLER TRAUBE, ET AL	40.48
2	N.S. MARROW, ET AL	40.47
3	GOHRY FAMILY REVOCABLE TRUST	40.47
4	GEAN HORN JAMES, ET AL	40.47
5	ESTATE OF FREDERICK PALMER, JR, ET AL	40.46
6	MACDONALD 1996 REVOCABLE TRUST, ET AL	40.46
7	NORMAN PRENZLER, ET AL	40.47
8	DIANE BOONE TAYLOR, ET AL	40.47
***	TOTAL ACREAGE	323.75

TIES TABLE

POINT	UNIT	SURVEY/SECTION
S.H.L.	655' FNWL & 249' FNEL	655' FNWL & 249' FNEL
P.P.	554' FNWL & 39' FNEL	554' FNWL & 39' FNEL
F.T.P.	551' FNWL & 752' FNEL	551' FNWL & 752' FNEL
L.T.P.	606' FNWL & 514' FSWL	606' FNWL & 514' FSWL
B.H.L.	616' FNWL & 240' FSWL	616' FNWL & 240' FSWL

TOPOGRAPHIC
LOYALTY INNOVATION LEGACY

1400 EVERMAN PARKWAY, Ste. 197 • FT. WORTH, TEXAS 76140
TELEPHONE: (817) 744-7512 • FAX (817) 744-7548
TEXAS FIRM REGISTRATION NO. 10042504
2903 NORTH BIG SPRING • MIDLAND, TEXAS 79705
TELEPHONE: (432) 682-1653 OR (800) 767-1853 • FAX (432) 682-1743
TEXAS FIRM REGISTRATION NO. 10042500
WWW.TOPOGRAPHIC.COM



WILLIAM J. KEATING, R.P.L.S. No. 5041
APRIL 25, 2014

TRAUBE 1-11 WRD 2H	REVISION:	
	INT	DATE
DATE: 04/22/2014	O.M.	04/25/2014
FILE: AD_TRAUBE_1-11_WRD_2H_REV1		
DRAWN BY: O.M.		
SHEET: 1 OF 1		

NOTES:

- ORIGINAL DOCUMENT SIZE: 11" X 17"
- ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREIN ARE GRID BASED UPON THE TEXAS STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE, U.S. SURVEY FEET, NORTH AMERICAN DATUM 1983.
- THIS LOCATION AND/OR UNIT/LEASE BOUNDARY HAS BEEN CAREFULLY SURVEYED ON THE GROUND UNDER MY SUPERVISION AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE ACCORDING TO THE EVIDENCE, OFFICIAL SURVEY RECORDS, MAPS, AND OTHER DATA PROVIDED BY SHELL WESTERN E&P. THIS PLAT WAS CREATED FOR THE SOLE PURPOSE OF FILING A PERMIT WITH THE RAILROAD COMMISSION OF TEXAS AND SHOULD NOT BE CONSTRUED AS A "BOUNDARY SURVEY" IN COMPLIANCE WITH T.B.P.L.S. MINIMUM STANDARDS OF PROCEDURES FOR BOUNDARY SURVEYS. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.
- ALL ELEVATION VALUES CONTAINED HEREON ARE ORTHOMETRIC ONLY, BASED UPON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88), U.S. SURVEY FEET.
- OWNERSHIP OF ANY EXCESS ACREAGE SHOWN WAS NOT DETERMINED BY THIS SURVEYOR.

NOTES CONT'D:

- THE LEASE AND WELL SHOWN HEREON ARE LOCATED APPROXIMATELY 49.7 MILES NORTH OF THE CITY/TOWNSHIP/MUNICIPALITY OF BARSTOW WITHIN THE COUNTY OF WARD IN THE STATE OF TEXAS.
- THE AS-DRILLED LOCATION HAS BEEN CAREFULLY SURVEYED ON THE GROUND DURING THE DATE OF AUGUST 6, 2013, AT A GROUND LEVEL ELEVATION OF 2712.4 SURVEY FEET.
- S.H.L. = SURFACE HOLE LOCATION
- P.P. = POINT OF PENETRATION
- F.T.P. = FIRST TAKE POINT
- L.T.P. = LAST TAKE POINT
- B.H.L. = BOTTOM HOLE LOCATION