

API No. <u>42-227-38837</u> Drilling Permit # <u>817704</u> SWR Exception Case/Docket No. <u>0301514</u> (R37)		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.</i> <i>A certification of the automated data is available in the RRC's Austin office.</i>				FORM W-1 07/2004 Permit Status: Approved	
1. RRC Operator No. <u>448014</u>		2. Operator's Name (as shown on form P-5, Organization Report) JPM EOC OPERATING, INC.		3. Operator Address (include street, city, state, zip): 2 HOUSTON CENTER SUITE 1350 909 FANNIN STREET HOUSTON, TX 77010-0000			
4. Lease Name ZISSOU 32-41 A		5. Well No. <u>15WA</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 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>9500</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 HOWARD		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>3</u> miles in a <u>NE</u> direction from <u>BIG SPRING</u> which is the nearest town in the county of the well site.							
15. Section <u>29</u>	16. Block <u>32T1N</u>	17. Survey T&P RR CO		18. Abstract No. <u>A-142</u>	19. Distance to nearest lease line: <u>1</u> ft.	20. Number of contiguous acres in lease, pooled unit, or unitized tract: <u>661.1</u>	
21. Lease Perpendiculars: <u>470</u> ft from the <u>E (OFFLEASE)</u> line and <u>1119</u> ft from the <u>S (OFFLEASE)</u> line.							
22. Survey Perpendiculars: <u>470</u> ft from the <u>E (OFFLEASE)</u> line and <u>1119</u> ft from the <u>S (OFFLEASE)</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	
<u>08</u>	<u>85280300</u>	<u>SPRABERRY (TREND AREA)</u>		<u>Oil or Gas Well</u>	<u>9500</u>	<u>0.00</u>	
BOTTOMHOLE LOCATION INFORMATION is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS (see W-1H attachment)							
Remarks See W1 Comments attached				Certificate: I certify that information stated in this application is true and complete, to the best of my knowledge. Leah Moon Becton, Sr. Operations Tech Name of filer _____ Date submitted <u>Aug 12, 2016</u>			
RRC Use Only				Data Validation Time Stamp: <u>Oct 7, 2016 12:16 PM('As Approved' Version)</u> (832)701-1776, x125 <u>leah@rockoilcompany.com</u> Phone E-mail Address (OPTIONAL)			

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

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

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Permit #	817704
Approved Date:	Oct 07, 2016

1. RRC Operator No. 448014	2. Operator's Name (exactly as shown on form P-5, Organization Report) JPM EOC OPERATING, INC.	3. Lease Name ZISSOU 32-41 A	4. Well No. 15WA
Lateral Drainhole Location Information			
5. Field as shown on Form W-1 SPRABERRY (TREND AREA) (Field # 85280300, RRC District 08)			
6. Section 41	7. Block 32 T1N	8. Survey T&P RR CO	9. Abstract 148
10. County of BHL HOWARD			
11. Terminus Lease Line Perpendiculars 330 ft. from the EAST line. and 100 ft. from the SOUTH line			
12. Terminus Survey Line Perpendiculars 330 ft. from the EAST line. and 100 ft. from the SOUTH line			
13. Penetration Point Lease Line Perpendiculars 330 ft. from the EAST line. and 100 ft. from the NORTH line			

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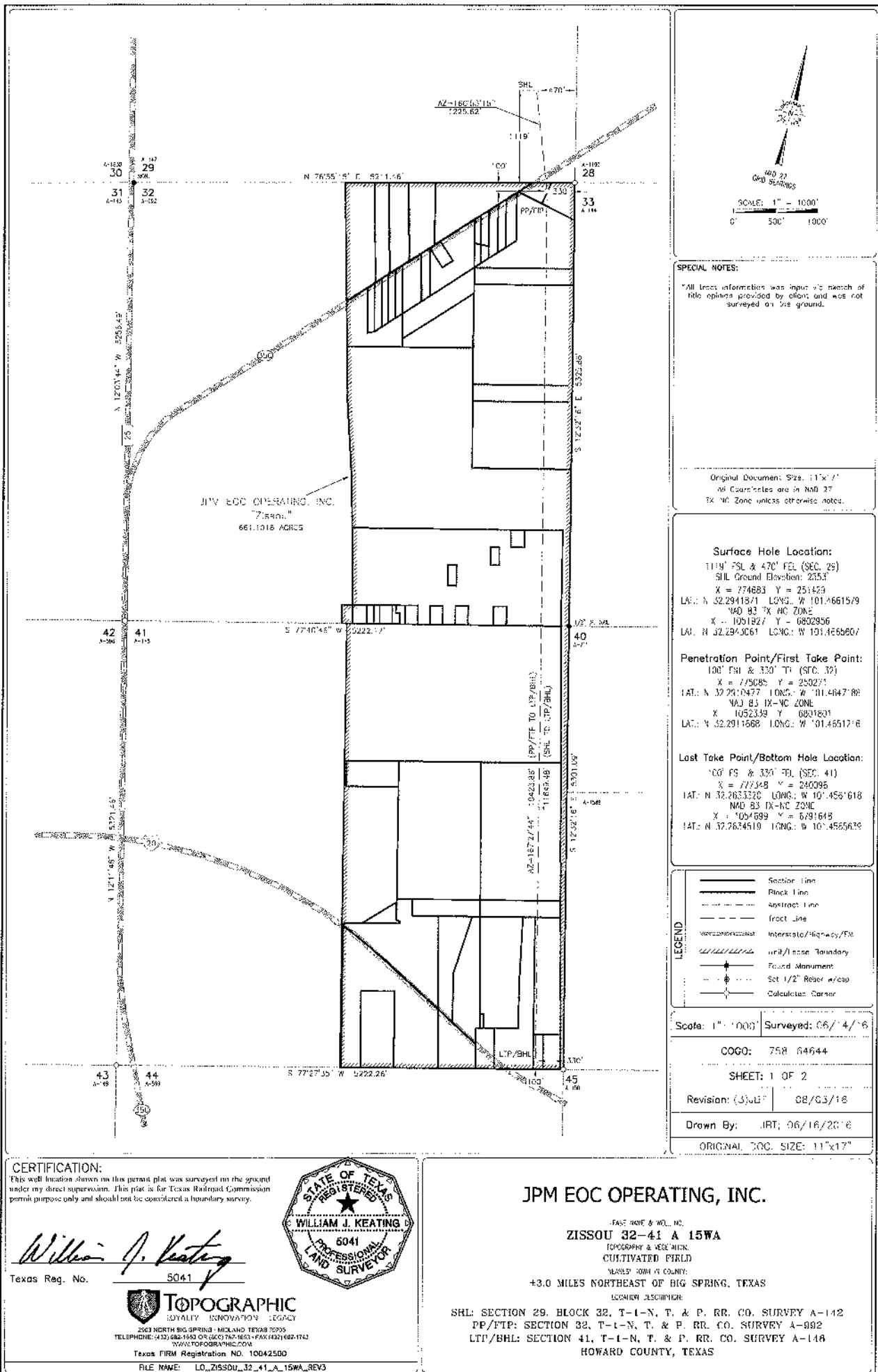
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W-1 Comments

Permit #	817704
Approved Date:	Oct 07, 2016

[RRC STAFF Aug 18, 2016 10:51 AM]: There have been problems identified with this permit (see problem letter attachment). Notification sent.; [RRC STAFF Aug 18, 2016 10:53 AM]: Changed distance to nearest lease line to match plat.; [RRC STAFF Aug 18, 2016 12:06 PM]: There have been problems identified with this permit (see problem letter attachment). Notification sent.; [RRC STAFF Aug 22, 2016 12:25 PM]: As per Leah Becton: There are unleased interests in these sections. We would like to do the publication. Attached is the notice list.; [RRC STAFF Aug 22, 2016 12:27 PM]: Problems identified with this permit are resolved.; [RRC STAFF Aug 22, 2016 12:27 PM]: Revised P16 attached.; [RRC STAFF Aug 22, 2016 12:28 PM]: There have been problems identified with this permit (see problem letter attachment). Notification sent.; [RRC STAFF Aug 22, 2016 3:17 PM]: Problems identified with this permit are resolved.; [RRC STAFF Aug 22, 2016 3:19 PM]: Resolved P12 attached. Tracts 5 6 7 10 11 12 18 19 25 27 30 and 35 in Section 32 have unleased undivided interests.

Tracts 1 3 8 9 11 12 18 19 20 and 21 in section 41 have unleased undivided interests.; [RRC STAFF Aug 23, 2016 10:35 AM]: Nearest lease line distance has been corrected to one foot. The wellbore crosses into tract 11 (Section 41) which is shown on the P-12 as having undivided unleased interests.; [RRC STAFF Sep 14, 2016 11:39 AM]: There have been problems identified with this permit (see problem letter attachment). Notification sent.; [RRC STAFF Sep 14, 2016 11:40 AM]: There have been problems identified with this permit (see problem letter attachment). Notification sent.; [RRC STAFF Sep 14, 2016 11:40 AM]: There have been problems identified with this permit (see problem letter attachment). Notification sent.; [RRC STAFF Sep 14, 2016 11:41 AM]: There have been problems identified with this permit (see problem letter attachment). Notification sent.; [RRC STAFF Sep 14, 2016 11:41 AM]: There have been problems identified with this permit (see problem letter attachment). Notification sent.; [RRC STAFF Sep 14, 2016 11:42 AM]: There have been problems identified with this permit (see problem letter attachment). Notification sent.; [RRC STAFF Sep 14, 2016 11:42 AM]: There have been problems identified with this permit (see problem letter attachment). Notification sent.; [RRC STAFF Sep 15, 2016 10:40 AM]: Problems identified with this permit are resolved.; [RRC STAFF Oct 6, 2016 10:09 AM]: There have been problems identified with this permit (see problem letter attachment). Notification sent.; [RRC STAFF Oct 7, 2016 12:15 PM]: Problems identified with this permit are resolved.



SPECIAL NOTES:

"All Area information was input via match of field opinion provided by client and was not surveyed on the ground."

Original Document Size: 11"x17"
All Coordinates are in NAD 83
TX: NC Zone unless otherwise noted.

Surface Hole Location:

1119' FSL & 470' FSL (SEC. 29)
SHL Ground Elevation: 2353'
X = 774683 Y = 251429
LAT: N 32.2941871 LONG: W 101.4661579
NAD 83 TX-NC ZONE
X = 1051927 Y = 6802956
LAT: N 32.2943061 LONG: W 101.4665607

Penetration Point/First Take Point:

100' FSL & 330' FSL (SEC. 32)
X = 775080 Y = 250277
LAT: N 32.2910477 LONG: W 101.464788
NAD 83 TX-NC ZONE
X = 1052339 Y = 6801891
LAT: N 32.2911686 LONG: W 101.4651718

Last Take Point/Bottom Hole Location:

100' FSL & 330' FSL (SEC. 41)
X = 777348 Y = 240096
LAT: N 32.2633326 LONG: W 101.4581618
NAD 83 TX-NC ZONE
X = 1094699 Y = 6791648
LAT: N 32.2634519 LONG: W 101.4585639

LEGEND

- Section Line
- Block Line
- Abstract Line
- Tract Line
- Interstate/Highway/EX
- Water/Inland Boundary
- Found Monument
- Set 1/2" Refer w/cap
- Calculated Corner

Scale: 1" = 1000' Surveyed: 06/14/16

COGO: 758 84644

SHEET: 1 OF 2

Revision: (3) JLT CB/G3/16

Drawn By: JLT; 06/16/2016

ORIGINAL DOC. SIZE: 11"x17"

CERTIFICATION:

This well location shown on this permit plat was surveyed on the ground under my direct supervision. This plat is for Texas Railroad Commission permit purpose only and should not be considered a boundary survey.

William J. Keating
Texas Reg. No. 5041



TOPOGRAPHIC
LOYALTY INNOVATION LEGACY
2363 NORTH BIG SPRING - MIDLAND TEXAS 79705
TELEPHONE: (432) 682-1553 OR (432) 767-1853 - FAX: (432) 682-1743
WWW.TOPOGRAPHIC.COM
Texas FIRM Registration NO. 10042500

FILE NAME: LO_25300_32_41_A_15WA_REV3

JPM EOC OPERATING, INC.

FAST HOLE & WELL NO.
ZISSOU 32-41 A 15WA

TOPOGRAPHY & REG. AGEN.
CULTIVATED FIELD

NAD 83 - 2011 N. COUNTY
+3.0 MILES NORTHEAST OF BIG SPRING, TEXAS
LOCATION DESCRIPTION:

SHL: SECTION 29, BLOCK 32, T-1-N, T. & P. RR. CO. SURVEY A-142
PP/TP: SECTION 32, T-1-N, T. & P. RR. CO. SURVEY A-892
LTP/BHL: SECTION 41, T-1-N, T. & P. RR. CO. SURVEY A-148
HOWARD COUNTY, TEXAS