

API No. <u>42-405-30442</u> Drilling Permit # <u>714418</u> SWR Exception Case/Docket No. _____		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. 256915		2. Operator's Name (as shown on form P-5, Organization Report) EXCO OPERATING COMPANY, LP		3. Operator Address (include street, city, state, zip):			
4. Lease Name PARK SU		5. Well No. 1 H					
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 15000		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. 06		12. County SAN AUGUSTINE		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>3.8</u> miles in a <u>NE</u> direction from <u>Chireno</u> which is the nearest town in the county of the well site.							
15. Section		16. Block		17. Survey PARKS, J B		18. Abstract No. A-227	
				19. Distance to nearest lease line: 330 ft.		20. Number of contiguous acres in lease, pooled unit, or unitized tract: 684	
21. Lease Perpendiculars: <u>924</u> ft from the <u>NORTH</u> line and <u>900</u> ft from the <u>WEST</u> line.							
22. Survey Perpendiculars: <u>924</u> ft from the <u>NORTH</u> line and <u>900</u> ft from the <u>WEST</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	32. Number of Wells on this lease in this Reservoir
06	16032300	CARTHAGE (HAYNESVILLE SHALE)		Gas Well	14500	0.00	1
BOTTOMHOLE LOCATION INFORMATION is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS (see W-1H attachment)							
Remarks 					Certificate: I certify that information stated in this application is true and complete, to the best of my knowledge. <div style="display: flex; justify-content: space-between;"> <div> <u>Philip Points, Regulatory Analyst</u> Name of filer </div> <div> <u>Apr 18, 2011</u> Date submitted </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div> <u>(214)368-2084, x10718</u> Phone </div> <div> <u>ppoints@excoresources.com</u> E-mail Address (OPTIONAL) </div> </div>		
RRC Use Only Data Validation Time Stamp: Apr 21, 2011 3:24 PM('As Approved' Version)							

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**

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

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Permit #	714418
Approved Date:	Apr 21, 2011

1. RRC Operator No. 256915	2. Operator's Name (exactly as shown on form P-5, Organization Report) EXCO OPERATING COMPANY, LP	3. Lease Name PARK SU	4. Well No. 1 H
Lateral Drainhole Location Information			
5. Field as shown on Form W-1 CARTHAGE (HAYNESVILLE SHALE) (Field # 16032300, RRC District 06)			
6. Section	7. Block	8. Survey WELDING, S	9. Abstract 337
10. County of BHL SAN AUGUSTINE			
11. Terminus Lease Line Perpendiculars 330 ft. from the South line. and 330 ft. from the West line			
12. Terminus Survey Line Perpendiculars 1063 ft. from the South line. and 2297 ft. from the East line			
13. Penetration Point Lease Line Perpendiculars 330 ft. from the North line. and 1250 ft. from the West line			

- GENERAL NOTES**
- 1) THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY.
 - 2) ACRES SHOWN HEREON ARE BASED ON INFORMATION PROVIDED BY OTHERS OR SCALED FROM DEED CALLS.
 - 3) TRACT LINES SHOWN ARE SCALED FROM MAPS AND DEED CALLS AND HAVE NOT BEEN SURVEYED ON THE GROUND AND MAY NOT REFLECT THEIR TRUE POSITIONS.
 - 4) SURFACE LOCATION WAS STAKED FROM TRACT LINES AS EVIDENCED BY OCCUPATION.
 - 5) DRILL PATH AND BOTTOM HOLE LOCATION WAS ESTABLISHED FROM TRACT LINES AS EVIDENCED BY OCCUPATION AND RECORD INFORMATION.
 - 6) DISTANCES SHOWN ARE NOT INTENDED TO BE DEFINITIVE IN ESTABLISHING ACTUAL TITLE BOUNDARIES AND ARE SUBJECT TO REVISION BASED UPON THE FACTS THAT A CURRENT TITLE SEARCH AND A CURRENT PROPERTY BOUNDARY SURVEY MIGHT DISCLOSE.

1000 500 0 1000
SCALE IN FEET

THE PROPOSED SURFACE LOCATION IS APPROXIMATELY 3.6 MILES NE FROM THE TOWN OF CHIRENO, TEXAS.

DISTANCES ALONG WELL PATH FROM UNIT LINES
 NUL TO FIRST POP - 336.89'
 FIRST POP TO LAST POP - 5375.04'
 LAST POP TO BHL - 81.53'
 BHL TO SUL - 254.77'
 TOTAL DISTANCE - 6048.23'

COORDINATE DATUM IS BASED ON THE TEXAS COORDINATE SYSTEM, CENTRAL ZONE (NAD 1927)

SURFACE LOCATION
 X = 3,879,803
 Y = 728,074
 LAT. = 31°31'41.894"
 LONG. = 94°17'49.766"
 ELEVATION = 227.5

FIRST POINT OF PERFORATION
 X = 3,879,377
 Y = 728,642
 LAT. = 31°31'47.736"
 LONG. = 94°17'54.325"

LAST POINT OF PERFORATION
 X = 3,880,801
 Y = 723,459
 LAT. = 31°30'55.750"
 LONG. = 94°17'41.145"

BOTTOM HOLE LOCATION
 X = 3,880,822
 Y = 723,380
 LAT. = 31°30'54.958"
 LONG. = 94°17'40.952"



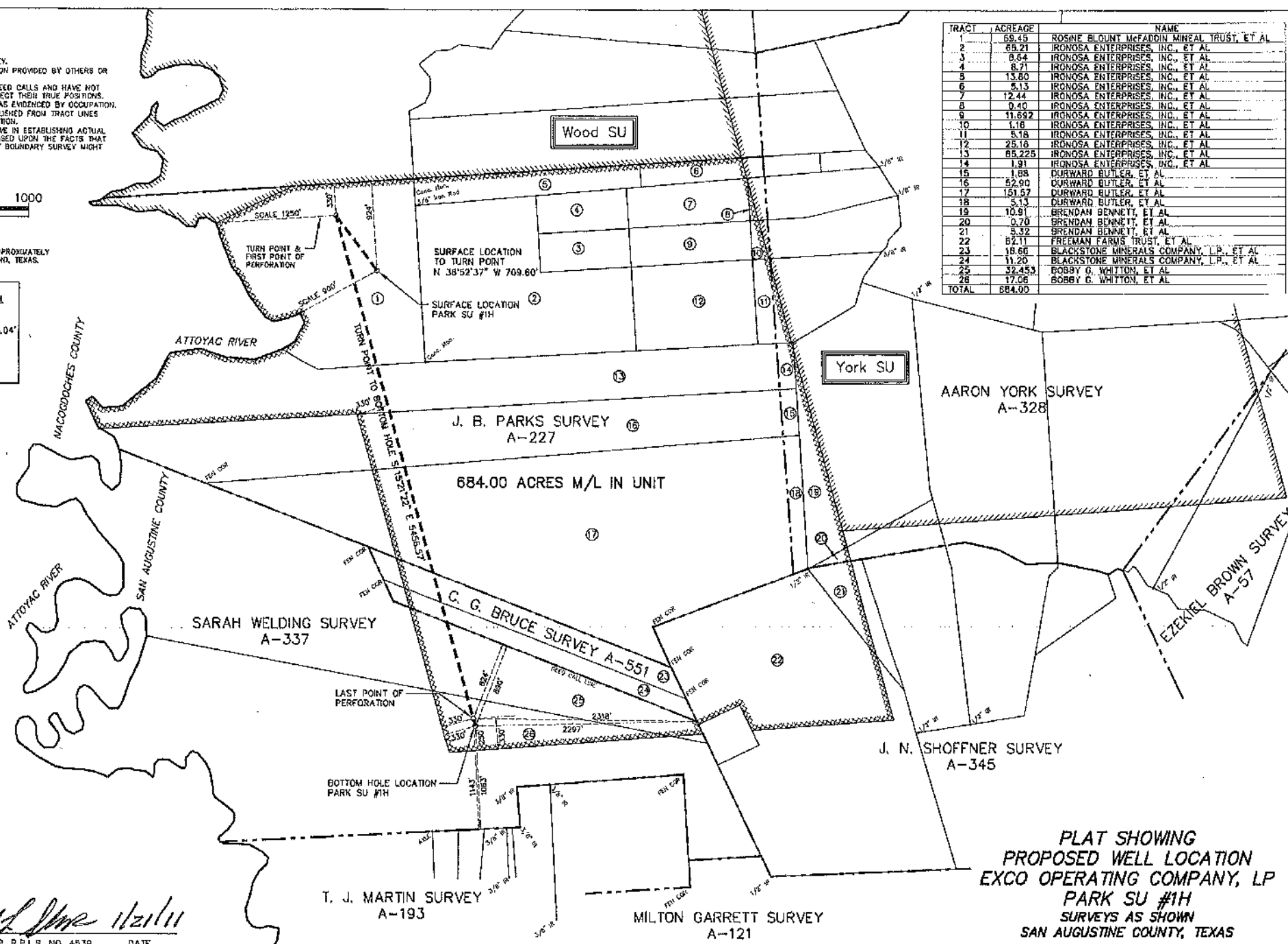
DDM SURVEYING, INC.
 P.O. BOX 895
 HENDERSON, TEXAS
 (903) 657-8229
 Fax (903) 657-8117

JUSTIN L. SHARP, R.P.L.S. NO. 4539

DATE

DATE: 09-27-2010 DRAWN: JCS CHECK: DWG. NO.: 20100605/Park #1H FINAL PERMIT PLAT REVISIONS: 11-09-10 Revised Unit to 664 Acres

TRACT	ACREAGE	NAME
1	59.45	ROSENE BLOUNT McFADDIN MINERAL TRUST, ET AL
2	65.21	IRONOSA ENTERPRISES, INC., ET AL
3	8.64	IRONOSA ENTERPRISES, INC., ET AL
4	8.71	IRONOSA ENTERPRISES, INC., ET AL
5	13.80	IRONOSA ENTERPRISES, INC., ET AL
6	5.13	IRONOSA ENTERPRISES, INC., ET AL
7	12.44	IRONOSA ENTERPRISES, INC., ET AL
8	0.40	IRONOSA ENTERPRISES, INC., ET AL
9	11.692	IRONOSA ENTERPRISES, INC., ET AL
10	1.16	IRONOSA ENTERPRISES, INC., ET AL
11	5.18	IRONOSA ENTERPRISES, INC., ET AL
12	25.16	IRONOSA ENTERPRISES, INC., ET AL
13	65.225	IRONOSA ENTERPRISES, INC., ET AL
14	1.91	IRONOSA ENTERPRISES, INC., ET AL
15	1.88	DURWARD BUTLER, ET AL
16	52.80	DURWARD BUTLER, ET AL
17	151.57	DURWARD BUTLER, ET AL
18	5.13	DURWARD BUTLER, ET AL
19	10.91	BRENDAN BENNETT, ET AL
20	0.70	BRENDAN BENNETT, ET AL
21	5.32	BRENDAN BENNETT, ET AL
22	62.11	FREEMAN FARMS TRUST, ET AL
23	15.66	BLACKSTONE MINERALS COMPANY, L.P., ET AL
24	11.20	BLACKSTONE MINERALS COMPANY, L.P., ET AL
25	32.453	BOBBY G. WHITTON, ET AL
26	17.06	BOBBY G. WHITTON, ET AL
TOTAL	664.00	



**PLAT SHOWING
 PROPOSED WELL LOCATION
 EXCO OPERATING COMPANY, LP
 PARK SU #1H
 SURVEYS AS SHOWN
 SAN AUGUSTINE COUNTY, TEXAS**