

API No. <u>42-227-37161</u> Drilling Permit # <u>746838</u> SWR Exception Case/Docket No. <u>08-0278058</u> (R38)		<b>RAILROAD COMMISSION OF TEXAS</b> <b>OIL &amp; GAS DIVISION</b> <b>APPLICATION FOR PERMIT TO DRILL, RECOMPLETE, OR RE-ENTER</b> <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>				<b>FORM W-1</b> 07/2004 Permit Status: <b>Approved</b>	
1. RRC Operator No. <b>501545</b>		2. Operator's Name (as shown on form P-5, Organization Report) <b>LINN OPERATING, INC.</b>		3. Operator Address (include street, city, state, zip):			
4. Lease Name <b>BATES 13</b>		5. Well No. <b>13K</b>					
<b>GENERAL INFORMATION</b>							
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 <b>11000</b>		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			
<b>SURFACE LOCATION AND ACREAGE INFORMATION</b>							
11. RRC District No. <b>08</b>		12. County <b>HOWARD</b>		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>8.5</u> miles in a <u>NW</u> direction from <u>BIG SPRING</u> which is the nearest town in the county of the well site.							
15. Section <b>13</b>	16. Block <b>34 T1N</b>	17. Survey <b>T&amp;P RR CO</b>		18. Abstract No. <b>A-389</b>	19. Distance to nearest lease line: <b>467</b> ft.	20. Number of contiguous acres in lease, pooled unit, or unitized tract: <b>160</b>	
21. Lease Perpendiculars: <u>801</u> ft from the <u>NORTH</u> line and <u>467</u> ft from the <u>EAST</u> line. 22. Survey Perpendiculars: <u>1831</u> ft from the <u>SOUTH</u> line and <u>2175</u> ft from the <u>WEST</u> line.							
23. Is this a pooled unit? <input type="checkbox"/> Yes <input checked="" 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			
<b>FIELD INFORMATION</b> 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	85280300	SPRABERRY (TREND AREA)		Oil or Gas Well	11000	1194.00	
08	85448150	STA (ATOKA)		Oil Well	11000	1731.00	
08	41462666	HILL RANCH (MISS)		Oil or Gas Well	11000	1731.00	
08	71021430	PETTY 48 (UPPER STRAWN)		Oil Well	11000	1731.00	
<b>BOTTOMHOLE LOCATION INFORMATION</b> is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS							
<b>Remarks</b> [FILER Aug 21, 2012 12:49 PM]: THE BATES A #1 WELL THAT IS SHOWN ON THE PLAT IS NOT A LINN OPERATING, INC WELL THEREFORE IS NOT INCLUDED IN THE COUNT OR THE WELL DISTANCES. THIS WELL BELONGS TO MSD OPERATING, LLC; [RRC STAFF Aug 23, 2012 4:21 PM]: The #1 well is on schedule to produce in the Moore field.				<b>Certificate:</b> I certify that information stated in this application is true and complete, to the best of my knowledge.  <u>Cynthia Pinel, Regulatory Specialist II</u> <u>Aug 21, 2012</u> Name of filer Date submitted <u>(281)8404375</u> <u>cpinel@linnenergy.com</u> Phone E-mail Address (OPTIONAL)			
<b>RRC Use Only</b>							
Data Validation Time Stamp: Sep 26, 2012 10:51 AM( 'As Approved' Version )							

P.O. BOX 48067 FORT WORTH, TEXAS, 76148  
PHONE: (817) 503-1975 FAX: (817) 503-1912

OPERATOR: LINN OPERATING, INC.

PLEASE NAME:

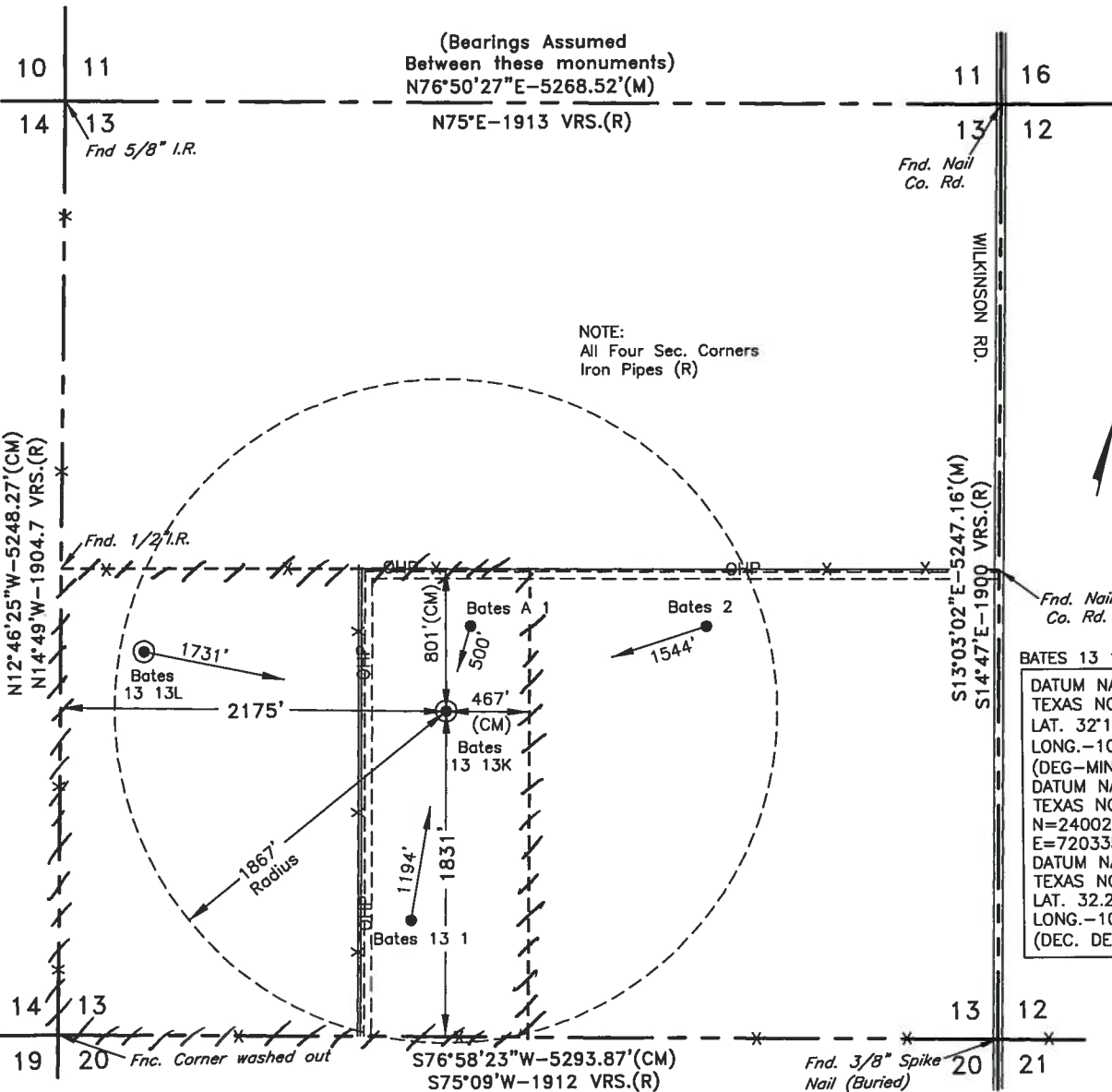
BATES 13 13K

FOOTAGES: 1831' FSL - 2175' FWL

ELEVATION: 2469 GRND.

SECTION: 13 BLOCK: 34 T-1-N, T. & P. R.R. CO. SURVEY, HOWARD


\_\_\_\_COUNTY, TEXAS



SECTION 13, BLK. 34, T-1-N, T. & P. R.R. CO.  
HOWARD COUNTY, TX.

PATENT NO: 434, PATENT VOL. 52  
SURVEY NOTES: GENERAL LAND OFFICE, AUSTIN, TX.  
GLO FILE #019149, ABSTRACT, 389  
644 ACRES (R) LEASE 160 ACRES (CM)

GRAPHIC SCALE: 1"=1000'



A horizontal scale bar with tick marks at 0, 500, and 1000 feet. The bar is divided into two equal segments by the 500-foot mark.

NOTE: AERPOPOINT LAND SURVEYORS ARE NOT PROFESSIONAL UNDERGROUND UTILITY LOCATORS. BURIED UTILITIES MAY BE SHOWN ON THE PLAT OF SURVEY IF THERE IS PHYSICAL, OBSERVABLE, EVIDENCE. 1-800-DIG-TESS IS THE ONLY QUALIFIED UTILITY LOCATOR.

BIG SPRING, TX 8.5 MI.  
S 88° E

○ = PROPOSED WELL  
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 ● = OIL WELL  
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 ✱ = PLUGGED GAS WELL  
 ⊕ = PROPOSED INJECTION WELL  
 ⊖ = INJECTION WELL  
 ✕ = TEMPORARILY ABANDONED INJECTION WELL  
 — — = LEASE LINES  
 (M) = Measured  
 (R) = Record  
 (CM) = Calculated from Measurement

TOPOGRAPHY & VEGETATION: NATURAL PASTURE

REFERENCE OR ALTERNATE STAKES SET: REFERENCE STAKE 150' WEST OF LOCATION

BEST ACCESSIBILITY: FROM EXISTING LSE. RD. 500' WEST OF LOCATION GOOD DRILL SITE: YES

DISTANCE AND DIRECTION TO LOCATION:

DISTANCE AND DIRECTION TO LOCATION: FROM THE JCT. OF TEXAS HWY. 176 & FM 2599 WEST OF BIG SPRING, TX., GO WEST ON TEXAS HWY. 176 1.0 MILES, THENCE SOUTH 0.7 MILES TO THE LEASE ROAD FOR THE BATES

THIS PLAT MAY NOT REPRESENT  
A TRUE BOUNDARY SURVEY. THE  
FOOTAGES AND TIES SHOWN MAY  
BE FROM LINES OF OCCUPATION,  
WHICH MAY NOT BE ACTUAL  
PROPERTY OR SURVEY LINES.

DATE SURVEYED: 4-20-12  
DATE DRAWN: 4-27-12  
JOB NUMBER: 12080  
SURVEYED BY: K.L.J.  
DRAWN BY: M.S.  
CHECKED BY: K.L.J.

# CERTIFICATE

I, KENNETH JOHNSON, A REGISTERED PROFESSIONAL LAND SURVEYOR AND AN AUTHORIZED AGENT OF AEROPPOINT LAND SURVEYORS, DO HEREBY CERTIFY THAT THE ABOVE DESCRIBED WELL LOCATION WAS SURVEYED AND STAKED ON THE GROUND AS SHOWN.

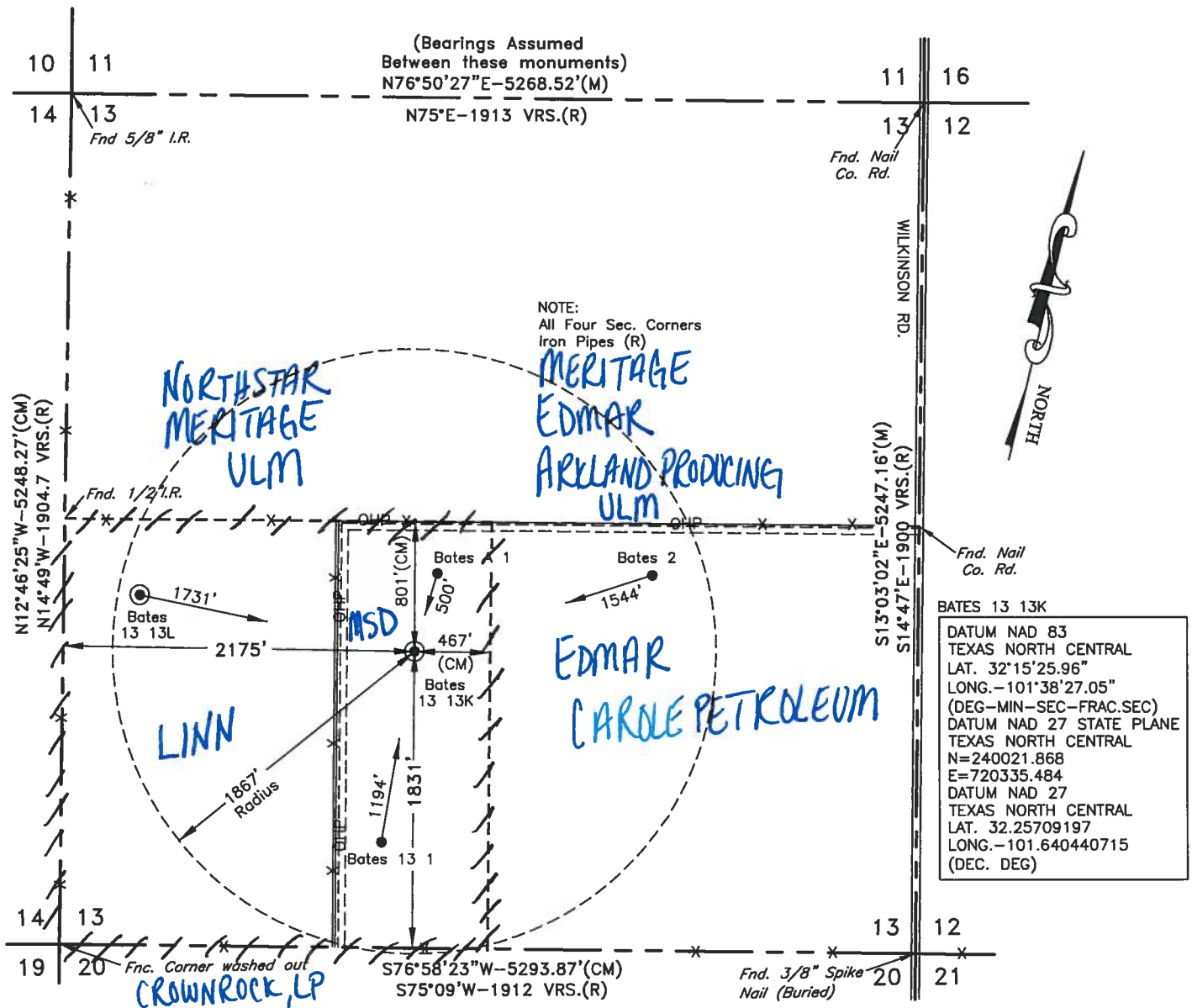
KENNETH JOHNSON, R.P.L.S. NO. 5819



AEROPOINT LAND SURVEYORS, LLC.

P.O. BOX 48067 FORT WORTH, TEXAS, 76148  
PHONE: (817) 503-1975 FAX: (817) 503-1912

OPERATOR: LINN OPERATING, INC. LEASE NAME: BATES 13 13K  
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SECTION: 13 BLOCK: 34 T-1-N, T. & P. R.R. CO. SURVEY, HOWARD COUNTY, TEXAS



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SECTION 13, BLK. 34, T-1-N, T. & P. R.R. CO.  
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Kenneth Johnson #5819  
KENNETH JOHNSON, R.P.L.S. NO. 5819

