



For KCC Use:  
 Effective Date: \_\_\_\_\_  
 District # \_\_\_\_\_  
 SGA?  Yes  No

KANSAS CORPORATION COMMISSION 1074121  
 OIL & GAS CONSERVATION DIVISION

Form C-1  
 March 2010

Form must be Typed  
 Form must be Signed  
 All blanks must be Filled

**NOTICE OF INTENT TO DRILL**

*Must be approved by KCC five (5) days prior to commencing well*

*Form KSONA-1, Certification of Compliance with the Kansas Surface Owner Notification Act, MUST be submitted with this form.*

Expected Spud Date: \_\_\_\_\_  
month day year

OPERATOR: License# \_\_\_\_\_  
 Name: \_\_\_\_\_  
 Address 1: \_\_\_\_\_  
 Address 2: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_  
 Contact Person: \_\_\_\_\_  
 Phone: \_\_\_\_\_

CONTRACTOR: License# \_\_\_\_\_  
 Name: \_\_\_\_\_

Well Drilled For:	Well Class:	Type Equipment:
<input type="checkbox"/> Oil	<input type="checkbox"/> Enh Rec	<input type="checkbox"/> Infield
<input type="checkbox"/> Gas	<input type="checkbox"/> Storage	<input type="checkbox"/> Pool Ext.
	<input type="checkbox"/> Disposal	<input type="checkbox"/> Wildcat
<input type="checkbox"/> Seismic ; _____ # of Holes	<input type="checkbox"/> Other	<input type="checkbox"/> Mud Rotary
<input type="checkbox"/> Other: _____		<input type="checkbox"/> Air Rotary
		<input type="checkbox"/> Cable

If OWWO: old well information as follows:

Operator: \_\_\_\_\_  
 Well Name: \_\_\_\_\_  
 Original Completion Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

Directional, Deviated or Horizontal wellbore?  Yes  No  
 If Yes, true vertical depth: \_\_\_\_\_  
 Bottom Hole Location: \_\_\_\_\_  
 KCC DKT #: \_\_\_\_\_

Spot Description: \_\_\_\_\_  
 \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  E  W  
(Q/Q/Q/Q)  
 \_\_\_\_\_ feet from  N /  S Line of Section  
 \_\_\_\_\_ feet from  E /  W Line of Section

Is SECTION:  Regular  Irregular?  
 (Note: Locate well on the Section Plat on reverse side)

County: \_\_\_\_\_  
 Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_  
 Field Name: \_\_\_\_\_

Is this a Prorated / Spaced Field?  Yes  No  
 Target Formation(s): \_\_\_\_\_

Nearest Lease or unit boundary line (in footage): \_\_\_\_\_  
 Ground Surface Elevation: \_\_\_\_\_ feet MSL

Water well within one-quarter mile:  Yes  No  
 Public water supply well within one mile:  Yes  No

Depth to bottom of fresh water: \_\_\_\_\_  
 Depth to bottom of usable water: \_\_\_\_\_

Surface Pipe by Alternate:  I  II  
 Length of Surface Pipe Planned to be set: \_\_\_\_\_

Length of Conductor Pipe (if any): \_\_\_\_\_  
 Projected Total Depth: \_\_\_\_\_

Formation at Total Depth: \_\_\_\_\_  
 Water Source for Drilling Operations:  
 Well  Farm Pond  Other: \_\_\_\_\_

DWR Permit #: \_\_\_\_\_  
 (Note: Apply for Permit with DWR )

Will Cores be taken?  Yes  No  
 If Yes, proposed zone: \_\_\_\_\_

**AFFIDAVIT**

The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55 et. seq.

It is agreed that the following minimum requirements will be met:

1. Notify the appropriate district office **prior** to spudding of well;
2. A copy of the approved notice of intent to drill **shall be** posted on each drilling rig;
3. The minimum amount of surface pipe as specified below **shall be set** by circulating cement to the top; in all cases surface pipe **shall be set** through all unconsolidated materials plus a minimum of 20 feet into the underlying formation.
4. If the well is dry hole, an agreement between the operator and the district office on plug length and placement is necessary **prior to plugging**;
5. The appropriate district office will be notified before well is either plugged or production casing is cemented in;
6. If an ALTERNATE II COMPLETION, production pipe shall be cemented from below any usable water to surface within **120 DAYS** of spud date.  
 Or pursuant to Appendix "B" - Eastern Kansas surface casing order #133,891-C, which applies to the KCC District 3 area, alternate II cementing must be completed within 30 days of the spud date or the well shall be plugged. **In all cases, NOTIFY district office** prior to any cementing.

**Submitted Electronically**

**For KCC Use ONLY**

API # 15 - \_\_\_\_\_

Conductor pipe required \_\_\_\_\_ feet

Minimum surface pipe required \_\_\_\_\_ feet per ALT.  I  II

Approved by: \_\_\_\_\_

**This authorization expires:** \_\_\_\_\_  
(This authorization void if drilling not started within 12 months of approval date.)

Spud date: \_\_\_\_\_ Agent: \_\_\_\_\_

**Remember to:**

- File Certification of Compliance with the Kansas Surface Owner Notification Act (KSONA-1) with Intent to Drill;
- File Drill Pit Application (form CDP-1) with Intent to Drill;
- File Completion Form ACO-1 within 120 days of spud date;
- File acreage attribution plat according to field proration orders;
- Notify appropriate district office 48 hours prior to workover or re-entry;
- Submit plugging report (CP-4) after plugging is completed (within 60 days);
- Obtain written approval before disposing or injecting salt water.
- If well will not be drilled or permit has expired (See: authorized expiration date) please check the box below and return to the address below.

**Well will not be drilled or Permit Expired** Date: \_\_\_\_\_  
 Signature of Operator or Agent: \_\_\_\_\_

E  
 W



1074121

For KCC Use ONLY

API # 15 - \_\_\_\_\_

### IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

In all cases, please fully complete this side of the form. Include items 1 through 5 at the bottom of this page.

Operator: \_\_\_\_\_

Lease: \_\_\_\_\_

Well Number: \_\_\_\_\_

Field: \_\_\_\_\_

Number of Acres attributable to well: \_\_\_\_\_

QTR/QTR/QTR/QTR of acreage: \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_

Location of Well: County: \_\_\_\_\_

\_\_\_\_\_ feet from  N /  S Line of Section

\_\_\_\_\_ feet from  E /  W Line of Section

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  E  W

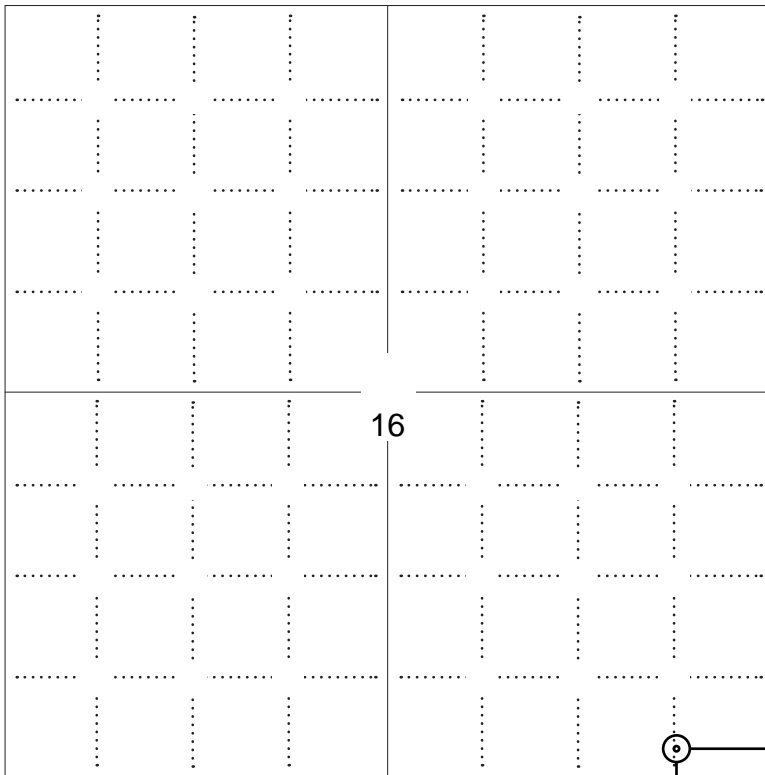
Is Section:  Regular or  Irregular

**If Section is Irregular, locate well from nearest corner boundary.**

Section corner used:  NE  NW  SE  SW

### PLAT

Show location of the well. Show footage to the nearest lease or unit boundary line. Show the predicted locations of lease roads, tank batteries, pipelines and electrical lines, as required by the Kansas Surface Owner Notice Act (House Bill 2032). You may attach a separate plat if desired.



### LEGEND

- Well Location
- Tank Battery Location
- Pipeline Location
- Electric Line Location
- Lease Road Location



**NOTE: In all cases locate the spot of the proposed drilling location.**

200 ft.

#### In plotting the proposed location of the well, you must show:

1. The manner in which you are using the depicted plat by identifying section lines, i.e. 1 section, 1 section with 8 surrounding sections, 4 sections, etc.
2. The distance of the proposed drilling location from the south / north and east / west outside section lines.
3. The distance to the nearest lease or unit boundary line (in footage).
4. If proposed location is located within a prorated or spaced field a certificate of acreage attribution plat must be attached: (C0-7 for oil wells; CG-8 for gas wells).
5. The predicted locations of lease roads, tank batteries, pipelines, and electrical lines.



KANSAS CORPORATION COMMISSION 1074121  
OIL & GAS CONSERVATION DIVISION

Form CDP-1  
May 2010  
Form must be Typed

**APPLICATION FOR SURFACE PIT**

*Submit in Duplicate*

Operator Name: _____		License Number: _____	
Operator Address: _____			
Contact Person: _____		Phone Number: _____	
Lease Name & Well No.: _____		Pit Location (QQQQ): _____ - _____ - _____ - _____	
Type of Pit: <input type="checkbox"/> Emergency Pit <input type="checkbox"/> Burn Pit <input type="checkbox"/> Settling Pit <input type="checkbox"/> Drilling Pit <input type="checkbox"/> Workover Pit <input type="checkbox"/> Haul-Off Pit <i>(If WP Supply API No. or Year Drilled)</i>		Pit is: <input type="checkbox"/> Proposed <input type="checkbox"/> Existing If Existing, date constructed: _____ Pit capacity: _____ (bbls)	
Is the pit located in a Sensitive Ground Water Area? <input type="checkbox"/> Yes <input type="checkbox"/> No		Chloride concentration: _____ mg/l <i>(For Emergency Pits and Settling Pits only)</i>	
Is the bottom below ground level? <input type="checkbox"/> Yes <input type="checkbox"/> No		Artificial Liner? <input type="checkbox"/> Yes <input type="checkbox"/> No	
How is the pit lined if a plastic liner is not used?			
Pit dimensions (all but working pits):    _____ Length (feet)    _____ Width (feet) <input type="checkbox"/> N/A: Steel Pits Depth from ground level to deepest point: _____ (feet) <input type="checkbox"/> No Pit			
If the pit is lined give a brief description of the liner material, thickness and installation procedure.		Describe procedures for periodic maintenance and determining liner integrity, including any special monitoring.	
Distance to nearest water well within one-mile of pit: _____ feet    Depth of water well _____ feet		Depth to shallowest fresh water _____ feet. Source of information: <input type="checkbox"/> measured <input type="checkbox"/> well owner <input type="checkbox"/> electric log <input type="checkbox"/> KDWR	
<b>Emergency, Settling and Burn Pits ONLY:</b> Producing Formation: _____ Number of producing wells on lease: _____ Barrels of fluid produced daily: _____ Does the slope from the tank battery allow all spilled fluids to flow into the pit? <input type="checkbox"/> Yes <input type="checkbox"/> No		<b>Drilling, Workover and Haul-Off Pits ONLY:</b> Type of material utilized in drilling/workover: _____ Number of working pits to be utilized: _____ Abandonment procedure: _____ Drill pits must be closed within 365 days of spud date.	
<p><b>Submitted Electronically</b></p>			

<b>KCC OFFICE USE ONLY</b>			
Date Received: _____		Permit Number: _____	
Permit Date: _____		Lease Inspection: <input type="checkbox"/> Yes <input type="checkbox"/> No	
<input type="checkbox"/> Liner		<input type="checkbox"/> Steel Pit <input type="checkbox"/> RFAC <input type="checkbox"/> RFAS	



# CERTIFICATION OF COMPLIANCE WITH THE KANSAS SURFACE OWNER NOTIFICATION ACT

*This form must be submitted with all Forms C-1 (Notice of Intent to Drill); CB-1 (Cathodic Protection Borehole Intent); T-1 (Request for Change of Operator Transfer of Injection or Surface Pit Permit); and CP-1 (Well Plugging Application). Any such form submitted without an accompanying Form KSONA-1 will be returned.*

Select the corresponding form being filed:  C-1 (Intent)  CB-1 (Cathodic Protection Borehole Intent)  T-1 (Transfer)  CP-1 (Plugging Application)

OPERATOR: License # \_\_\_\_\_  
Name: \_\_\_\_\_  
Address 1: \_\_\_\_\_  
Address 2: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_  
Contact Person: \_\_\_\_\_  
Phone: ( \_\_\_\_\_ ) \_\_\_\_\_ Fax: ( \_\_\_\_\_ ) \_\_\_\_\_  
Email Address: \_\_\_\_\_

Well Location: \_\_\_\_\_  
\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

*If filing a Form T-1 for multiple wells on a lease, enter the legal description of the lease below:*

**Surface Owner Information:**

Name: \_\_\_\_\_  
Address 1: \_\_\_\_\_  
Address 2: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

*When filing a Form T-1 involving multiple surface owners, attach an additional sheet listing all of the information to the left for each surface owner. Surface owner information can be found in the records of the register of deeds for the county, and in the real estate property tax records of the county treasurer.*

*If this form is being submitted with a Form C-1 (Intent) or CB-1 (Cathodic Protection Borehole Intent), you must supply the surface owners and the KCC with a plat showing the predicted locations of lease roads, tank batteries, pipelines, and electrical lines. The locations shown on the plat are preliminary non-binding estimates. The locations may be entered on the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted.*

**Select one of the following:**

- I certify that, pursuant to the Kansas Surface Owner Notice Act (House Bill 2032), I have provided the following to the surface owner(s) of the land upon which the subject well is or will be located: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form CP-1 that I am filing in connection with this form; 2) if the form being filed is a Form C-1 or Form CB-1, the plat(s) required by this form; and 3) my operator name, address, phone number, fax, and email address.
- I have not provided this information to the surface owner(s). I acknowledge that, because I have not provided this information, the KCC will be required to send this information to the surface owner(s). To mitigate the additional cost of the KCC performing this task, I acknowledge that I am being charged a \$30.00 handling fee, payable to the KCC, which is enclosed with this form.

*If choosing the second option, submit payment of the \$30.00 handling fee with this form. If the fee is not received with this form, the KSONA-1 form and the associated Form C-1, Form CB-1, Form T-1, or Form CP-1 will be returned.*

I Submitted Electronically

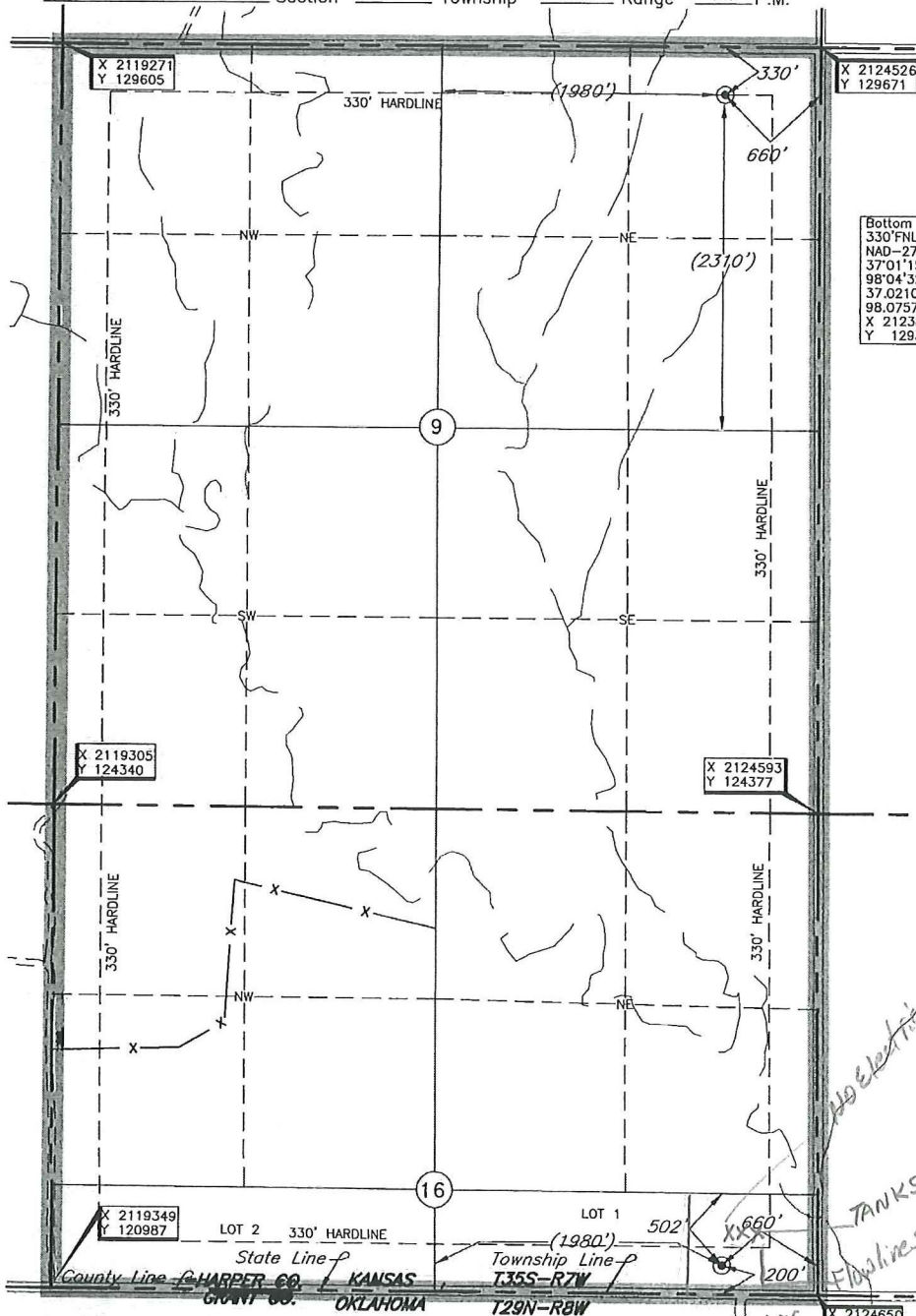
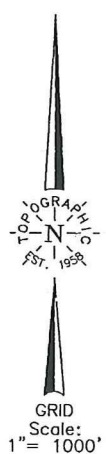
**TOPOGRAPHIC LAND SURVEYORS**

6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 • LOCAL (405) 843-4847 • OUT OF STATE (800) 654-3219  
 Certificate of Authorization No. LS-99, Exp. Dec. 31, 2013

HARPER

County, Kansas

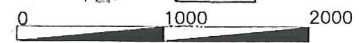
200'FSL-660'FEL Section 16 Township 35S Range 7W P.M.



Bottom Hole  
 330'FNL-660'FEL  
 NAD-27 (US Feet)  
 37°01'15.9" N  
 98°04'32.7" W  
 37,021,084,578 N  
 98,075,508,46 W  
 X 2123870  
 Y 128333

Bottom Hole Information Provided by Operator Listed, NOT Surveyed. Corner Coordinates are Taken from Points Surveyed in the Field.

Distances shown in (parenthesis) are calculated based upon the Quarter Section being 2640 feet, those shown in [brackets] are based on GLO (General Land Office) distances and have NOT been measured on the ground.



Operator: SANDRIDGE ENERGY, INC.

Lease Name: RED FERN

Well No.: 2-16H

**ELEVATION:**  
 1237' Gr. at Stake

Topography & Vegetation Loc. fell in level wheat field

Good Drill Site? Yes Reference Stakes or Alternate Location Stakes Set None

Best Accessibility to Location From South off state line road  
 Distance & Direction from Hwy Jct or Town From the Jct. of St. Hwy. 179 North & State Line E-W, go ±1.5 miles West on State Line to the SE Cor. of Sec. 16-T35S-R7W

DATUM: NAD-27  
 LAT: 36°59'55.8"N  
 LONG: 98°04'31.7"W  
 LAT: 36.998829278  
 LONG: 98.075476495  
 STATE PLANE COORDINATES: (US Feet)  
 ZONE: KS SOUTH  
 X: 2123987  
 Y: 121230

Date of Drawing: Feb. 13, 2012  
 Invoice # 179504 Date Staked: Feb. 11, 2012 LC

**CERTIFICATE:**

I, T. Wayne Fisch a Kansas Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors, do hereby certify that the above described well location was surveyed and staked on the ground as shown herein.

Kansas Lic. No. 1213



This information was gathered with a GPS receiver with Sub-Meter accuracy.



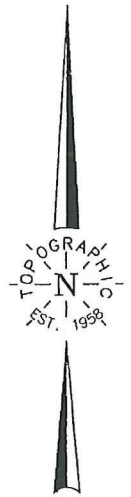
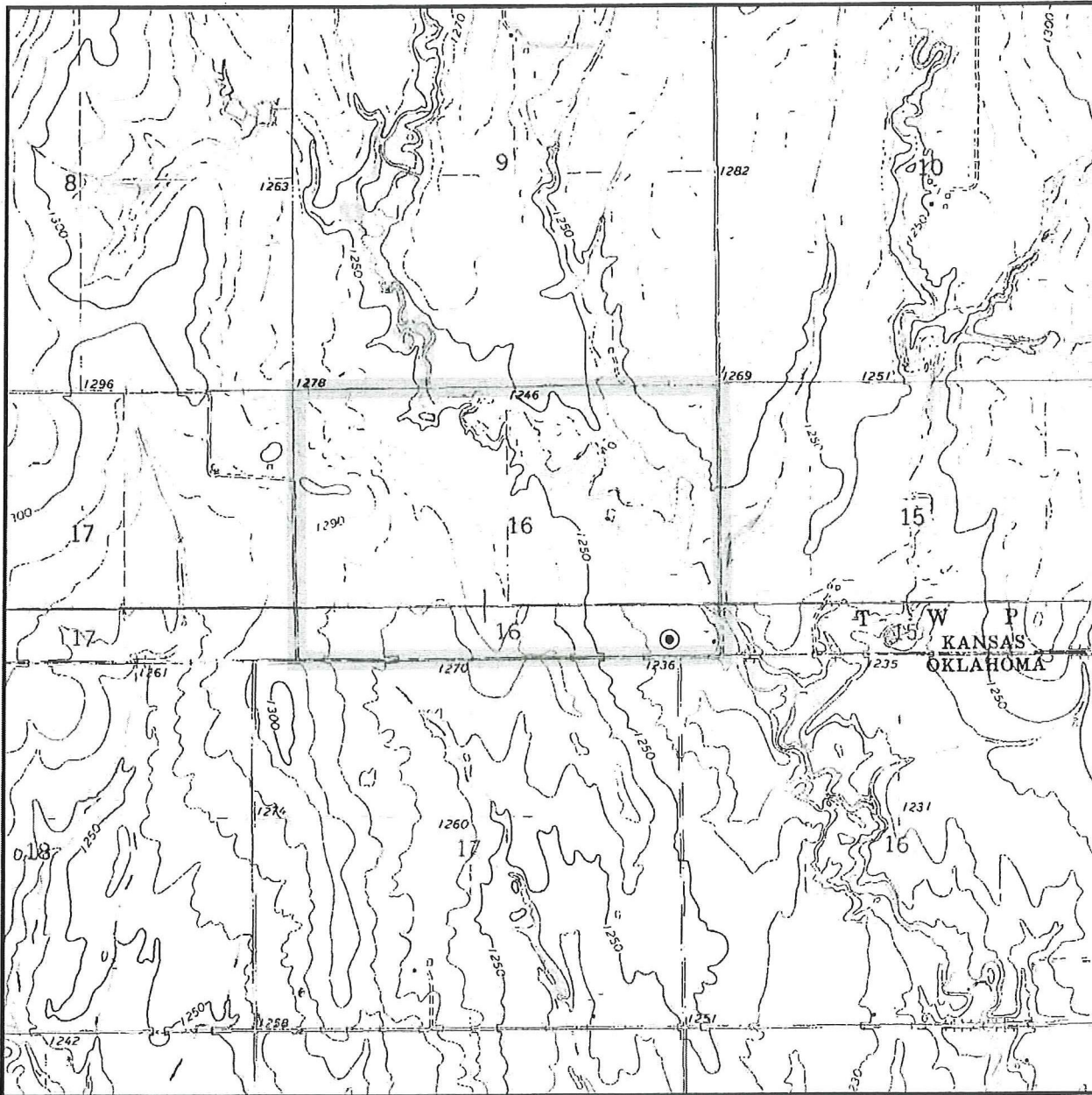
# TOPOGRAPHIC LAND SURVEYORS

Surveying and Mapping for the Energy Industry

6709 North Classen Blvd. Oklahoma City, OK 73116 www.topographic.com

Telephone Numbers: Local (405) 843-4847 Toll Free (800) 654-3219

## LOCATION & ELEVATION VERIFICATION MAP



Sec. 16 Twp. 35S Rng. 7W

County HARPER State KS

Operator SANDRIDGE ENERGY, INC.

Description 200'FSL-660'FEL

Lease RED FERN 2-16H

Elevation 1237' Gr. at Stake

U.S.G.S. Topographic  
Quadrangle Map SPRING, KS

Above Background Data from  
U.S.G.S. Topographic Map  
Scale: 1"=2000'

Contour Interval 10'

This location has been very carefully staked on the ground according to the best official survey records, maps and photographs available to us, but its accuracy is not guaranteed. When elevation is shown hereon it is the ground elevation of the location stake.  
Review this plat and inform us immediately of any possible discrepancy.

**TOPOGRAPHIC**

SURVEYING • MAPPING • GIS • GPS

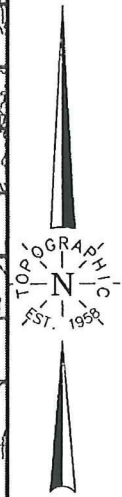
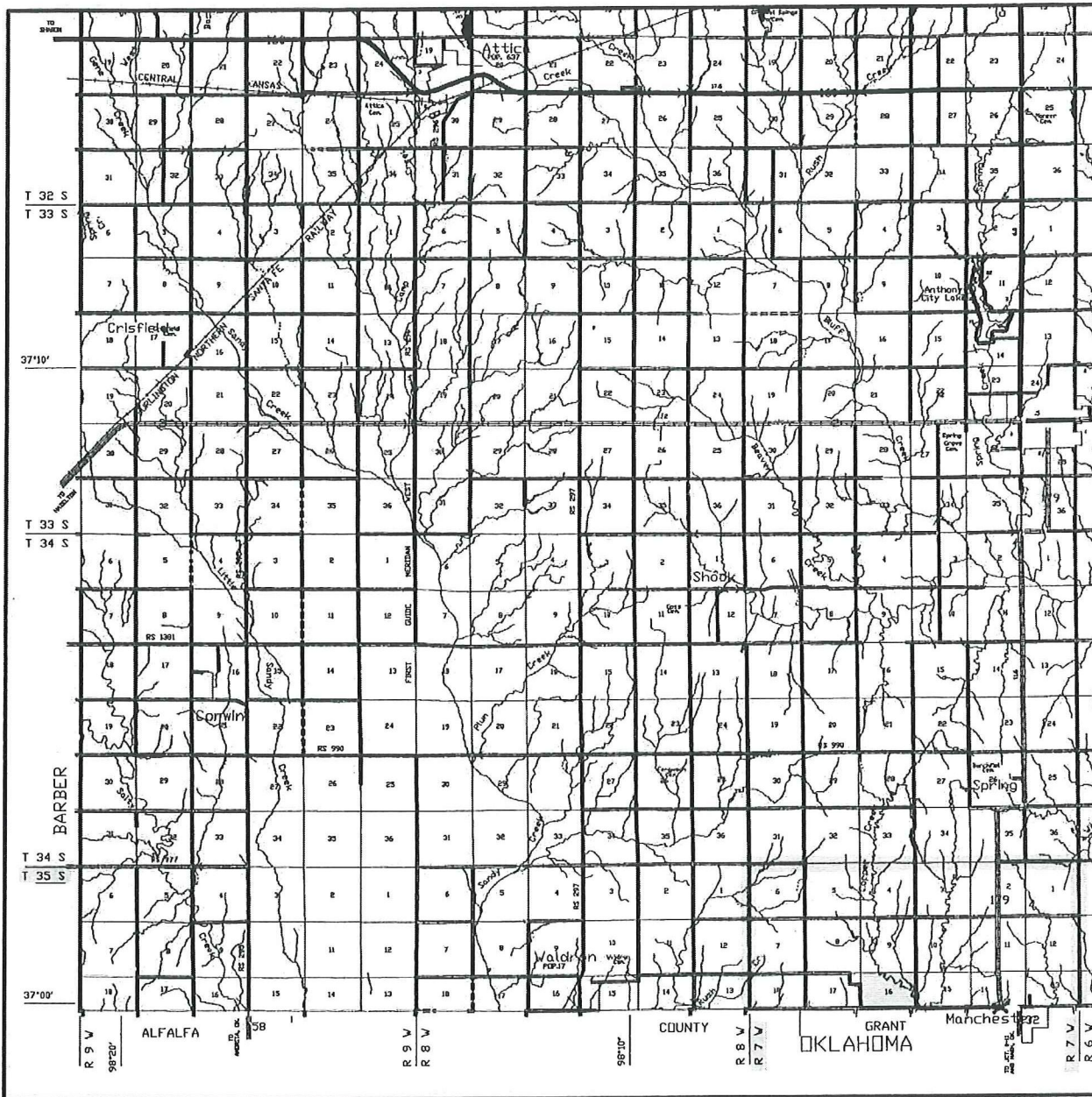
**LAND SURVEYORS**

Feb. 11, 2012

# TOPOGRAPHIC LAND SURVEYORS

Surveying and Mapping for the Energy Industry  
 6709 North Classen Blvd. Oklahoma City, OK 73116 www.topographic.com  
 Telephone Numbers: Local (405) 843-4847 Toll Free (800) 654-3219

## VICINITY MAP



Scale: 1" = 3 Miles

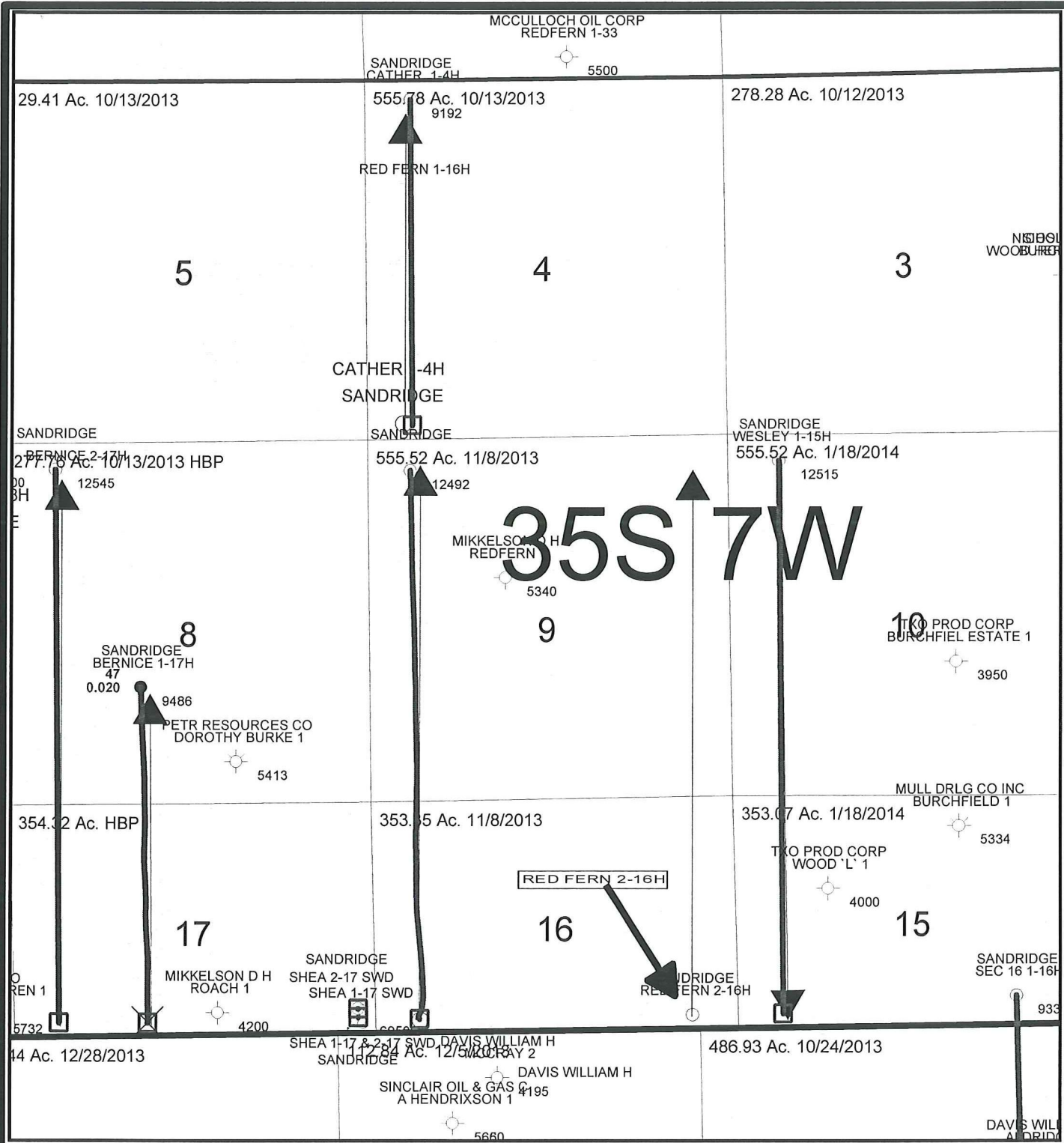
Sec. 16 Twp. 35S Rng. 7W

County HARPER State KS

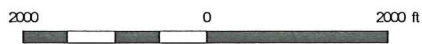
Operator SANDRIDGE ENERGY, INC.

**TOPOGRAPHIC**  
 SURVEYING • MAPPING • GIS • GPS  
**LAND SURVEYORS**

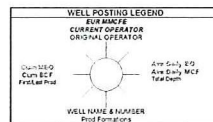




1 inch = 2000 feet



- PRODUCING FORMATION LEGEND**
- Tonkawa/Vigilant
  - Cottage Grove
  - Osage
  - Red Fork
  - Inoka
  - Mistwe
  - Chester
  - Maramec
  - Hurston
  - Pre-Hurston (Old-Simpson)

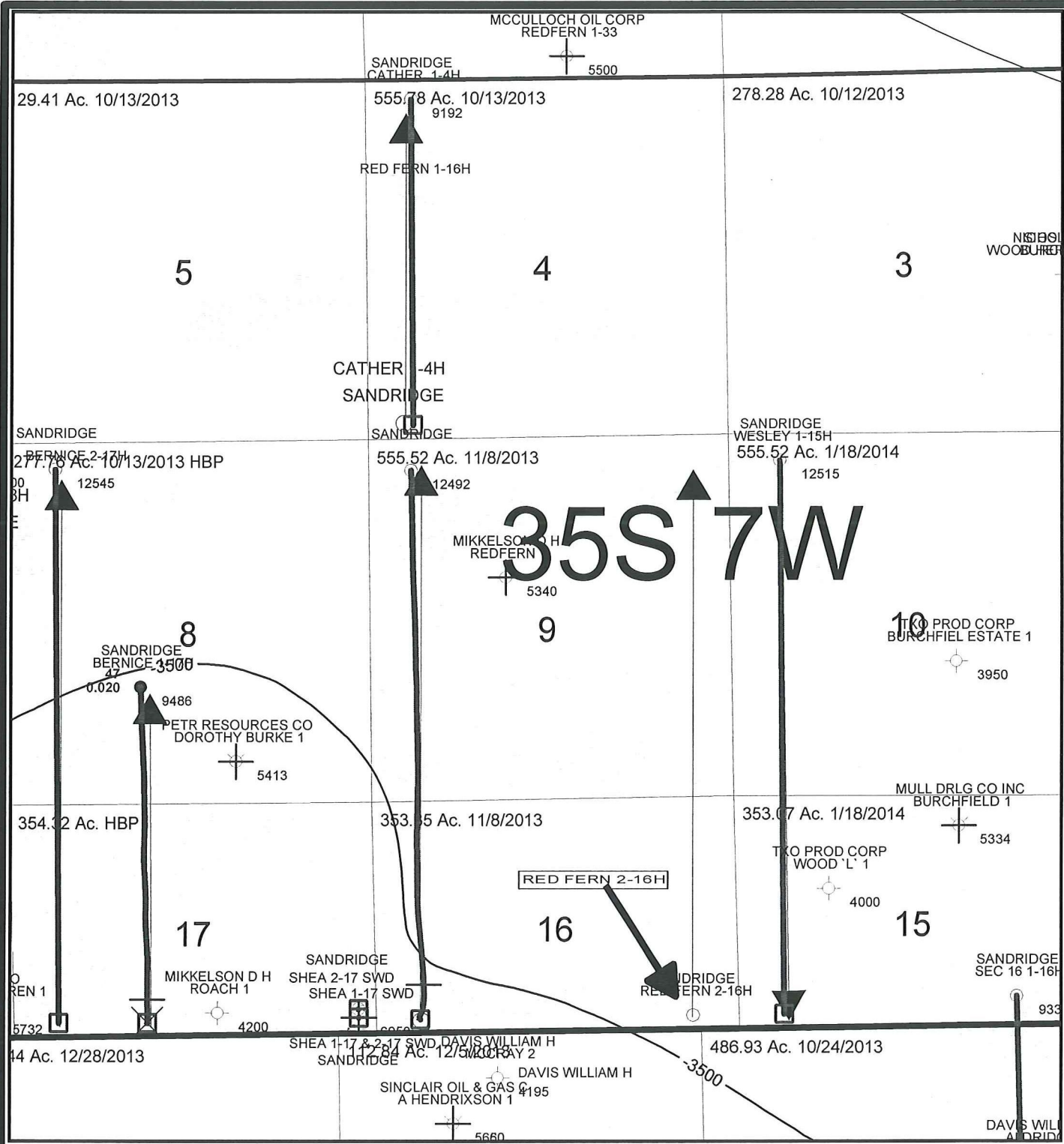


**SANDRIDGE**  
THE POWER OF US™

**Red Fern 2-16H 16-35S-7W**  
Harper County, Kansas  
Production Map

Red Fern-16 Prod. Map  
Date: 10 February, 2012 Geol: T. Alcom

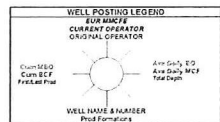




1 inch = 2000 feet



- PRODUCING FORMATION LEGEND**
- Torrance/Virgil
  - Cottage Grove
  - Orange
  - Red Fork
  - Inda
  - Morrow
  - Chester
  - Maramec
  - Huron
  - Pre-Huron (Inda & Simpson)



**Red Fern 2-16H 16-35S-7W**  
 Harper County, Kansas  
 Subsea Top Mississippi Lime Structure Map  
 C.I. 20

RedFern1-16-Miss3r.gmp  
 Date: 10/February, 2012    Geol: T. Alcorn

# GEOLOGICAL PROGNOSIS

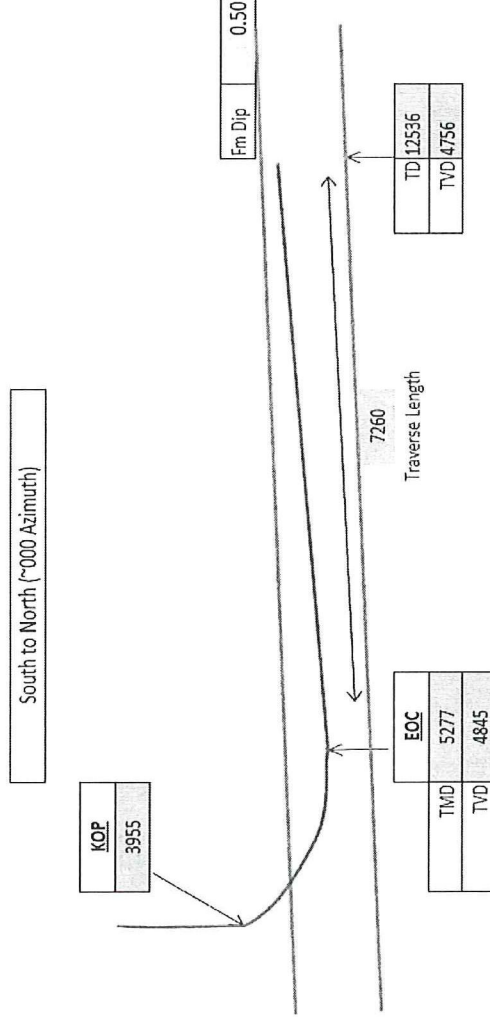
SandRidge Energy, Inc.  
 Kansas – Waldron  
 Tammy Alcorn - Geologist  
 Stacey Bryant - Landman

Target Line	
TVD @ 0' VS	4,855
INC	90.70

Footages	
FNL	200
FSL	-3,000

Total VS	8,080.00
EOC (MD)	5,276.68
EOC (TVD)	4,844.97
KOP	3,955.39
Traverse Length	7,259.66
TD (MD)	12,536.34
TVD @ TD	4,756.28
TVD displacement / EOC to TD	88.69

Operator  
 SandRidge Energy  
Well Name and Number  
 Red Fern 2-16H  
Well Surface Location  
 200' FSL & 660' FEL 16-35S-7W  
Well Bottom Hole Location  
 330' FNL & 660' FEL 9-35S-7W  
County and State  
 Harper County, Kansas



**DECLARATION OF POOLING & UNITIZATION  
PURSUANT TO LEASE AUTHORITY**

KNOW ALL PERSONS BY THESE PRESENTS:

THAT WHEREAS, SandRidge Exploration and Production, LLC (herein "SandRidge")  
is the owner of the following described oil and gas leases, to wit:

Oil and Gas Lease dated 9<sup>th</sup> day of November 2010, between April L. Redfern a/k/a April Redfern Osborne, individually and as heir of Charles M. Redfern, deceased, and Keith Osborne, wife and husband, as Lessor, and Sullivan Land Resources, Inc., as Lessee, recorded in Book G91 at Page 934 in the records of Harper County, KS, covering the following described lands, to-wit:

NE/4 & NW/4 & W/2 SW/4 of Section 09, Township 35S, Range 07W, Harper County, KS,

Oil and Gas Lease dated 9<sup>th</sup> day of November 2010, between Amy A. Hemphill a/k/a Amy Redfern Hemphill, a single person, individually and as heir of Charles M. Redfern, deceased, as Lessor, and Sullivan Land Resources, as Lessee, recorded in Book G91 at Page 922 in the records of Harper County, KS, covering the following described lands, to-wit:

Lot 2 (43.47 ac) & NW/4, a/d/a W/2 of Section 16, Township 35S, Range 07W, Harper County, KS,

Oil and Gas Lease dated 9<sup>th</sup> day of November 2010, between April L. Redfern a/k/a April Redfern Osborne, individually and as heir of Charles M. Redfern, deceased, and Keith Osborne, wife and husband, as Lessor, and Sullivan Land Resources, Inc., as Lessee, recorded in Book G91 at Page 935 in the records of Harper County, KS, covering the following described lands, to-wit:

Lot 2 (43.47 ac) & NW/4 (a/d/a W/2) of Section 16, Township 35S, Range 07W, Harper County, KS,



STATE OF KANSAS, HARPER COUNTY, SS  
RHONDA BERRY, REGISTER OF DEEDS  
Book: 692 Page: 690  
Receipt #: 8304 Total Fees: \$28.00  
Pages Recorded: 6  
Cashier Initials: dan  
Date Recorded: 9/16/2011 9:20:00 AM



Oil and Gas Lease dated 9<sup>th</sup> day of November 2010, between Amy A. Hemphill a/k/a Amy Redfern Hemphill, a single person, individually and as heir of Charles M. Redfern, deceased, as Lessor, and Sullivan Land Resources, Inc., as Lessee, recorded in Book G91 at Page 921 in the records of Harper County, KS, covering the following described lands, to-wit:

N/2 & W/2 SW/4 of Section 09, Township 35S, Range 07W,  
Harper County, KS,

Oil and Gas Lease dated 19<sup>th</sup> day of January 2011, between Herschelle Dell Wood and Deneen Lynn Dryden, Successor Co-Trustees of the Herschelle V. Wood Trust, dated April 21, 1998, as Lessor, and Sullivan Land Resources, Inc., as Lessee, recorded in Book G91 at Page 1550 in the records of Harper County, KS, covering the following described lands, to-wit:

SE/4 & E/2 SW/4 of Section 09, Township 35S, Range 07W,  
Harper County, KS,

Oil and Gas Lease dated 19<sup>th</sup> day of January 2011, between Herschelle Dell Wood and Lori A. Wood, husband and wife, as Lessor, and Sullivan Land Resources, Inc., as Lessee, recorded in Book G91 at Page 1551 in the records of Harper County, KS, covering the following described lands, to-wit:

SE/4 & E/2 SW/4 of Section 09, Township 35S, Range 07W,  
Harper County, KS,

Oil and Gas Lease dated 19<sup>th</sup> day of January 2011, between Deneen Lynn Dryden and Scott Dryden, wife and husband, as Lessor, and Sullivan Land Resources, Inc., as Lessee, recorded in Book G91 at Page 1552 in the records of Harper County, KS, covering the following described lands, to-wit:

SE/4 & E/2 SW/4 of Section 09, Township 35S, Range 07W,  
Harper County, KS,

Oil and Gas Lease dated 19<sup>th</sup> day of January 2011, between Arvest Trust Company, N.A., Conservator of the Estate of Wesley W. Wiechman, a minor, as Lessor, and Sullivan Land Resources, Inc., as Lessee, recorded in Book G91 at Page 1523 in the records of Harper County, KS, covering the following described lands, to-wit:

SE/4 & E/2 SW/4 of Section 09, Township 35S, Range 07W,  
Harper County, KS,

Oil and Gas Lease dated 19<sup>th</sup> day of January 2011, between Herschelle Dell Wood and Lori A. Wood, husband and wife, as Lessor, and Sullivan Land Resources, Inc., as Lessee, recorded in Book G91 at Page 1546 in the records of Harper County, KS, covering the following described lands, to-wit:

Lot 1 (43.61 ac.) & NE/4 (a/d/a E/2) of Section 16, Township 35S,  
Range 07W, Harper County, KS,

Oil and Gas Lease dated 19<sup>th</sup> day of January 2011, between Herschelle Dell Wood and Deneen Lynn Dryden, Successor Co-Trustees of the Herschelle V. Wood Trust, dated April 21, 1998, as Lessor, and Sullivan Land Resources, Inc., as Lessee, recorded in Book G91 at Page 1548 in the records of Harper County, KS, covering the following described lands, to-wit:

Lot 1 (43.61 ac.) & NE/4 (a/d/a E/2) of Section 16, Township 35S,  
Range 07W, Harper County, KS,

Oil and Gas Lease dated 19<sup>th</sup> day of January 2011, between Arvest Trust Company, N.A., Conservator of the Estate of Wesley W. Wiechman, a minor, as Lessor, and Sullivan Land Resources, Inc., as Lessee, recorded in Book G91 at Page 1544 in the records of Harper County, KS, covering the following described lands, to-wit:

Lot 1 (43.61 ac.) & NE/4 (a/d/a E/2) of Section 16, Township 35S,  
Range 07W, Harper County, KS,

Oil and Gas Lease dated 19<sup>th</sup> day of January 2011, between Deneen Lynn Dryden and Scott Dryden, wife and husband, as Lessor, and Sullivan Land Resources, Inc., as Lessee, recorded in Book G91 at Page 1545 in the records of Harper County, KS, covering the following described lands, to-wit:

Lot 1 (43.61 ac.) & NE/4 (a/d/a E/2) of Section 16, Township 35S,  
Range 07W, Harper County, KS,

AND WHEREAS, under the provisions of the above described oil and gas leases, SandRidge has the right and power to pool and consolidate the lands covered by said oil and gas leases so as to create a consolidated oil and gas leasehold estate and operating unit consisting of

the combined area covered by all or a portion of said leases, in accordance with the provisions of said oil and gas leases;

AND WHEREAS, SandRidge desires to exercise said right and power and to give notice of its exercise of said right and power by the filing of record a written designation of such oil and gas production unit together with a description of the unit so created.

NOW THEREFORE, SandRidge executes this instrument as a formal declaration that each of the oil and gas leases above described, as to the respective tracts described in the unit set forth below, as to the royalties payable thereunder, and as to all oil and gas produced therefrom from the Red Fern 1-16H horizontal well, and any other well drilled on said unit with a horizontal completion, shall be and hereby are combined and pooled so as to create one consolidated oil and gas leasehold estate and operating unit for the production of oil and gas from any well with a horizontal completion, as such terms are used in said leases consisting of the following lands, to-wit:

Section 9-35S-7W, Harper County, KS: All of Section

Section 16- 35S-7W, Harper County, KS: All of Section

All of said individual tracts collectively containing approximately 1047.08 acres, more or less (hereinafter the "Unit"). From and after the execution and recording of this instrument, such Unit shall be effective and the production of oil and/or gas from any horizontal well located on the Unit shall perpetuate the above described oil and gas leases, as to all of the lands covered thereby, for so long as production of oil and/or gas continues on the above described Unit. Royalties on oil and gas produced from said Unit shall be payable to the several mineral owners in proportion to their respective mineral ownership under said Unit and as provided for by said oil and gas leases.



The provisions hereof shall be deemed to be covenants running with the lands and leaseholds covered by this instrument and shall be available to and binding upon the respective successors in interest of lease owners and royalty owners under said Unit.

EXECUTED this 8th day of September, 2011.

SANDRIDGE EXPLORATION AND PRODUCTION, LLC

By: \_\_\_\_\_

Name: Matthew K. Grubb *MB* *AM*

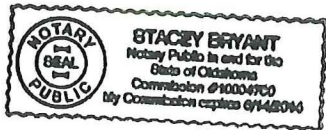
Title: President and Chief Operating Officer

**ACKNOWLEDGEMENT**

STATE OF OKLAHOMA     )  
   ) ss:  
COUNTY OF OKLAHOMA )

Before me, the undersigned, a Notary Public in and for said County and State, on this 8th day of September, 2011, personally appeared Matthew K. Grubb as President and Chief Operating Officer of LESSEE, known to me to be the identical person who executed the within and foregoing instrument, and acknowledged to me that he executed the same as his free and voluntary act and deed, for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal on the day and year last above written.



*Stacy Bryant*  
\_\_\_\_\_  
Notary Public  
My Commission Expires: 6/14/14

February 15, 2012

John Mark Beaver  
SandRidge Exploration and Production LLC  
123 ROBERT S. KERR AVE  
OKLAHOMA CITY, OK 73102-6406

Re: Drilling Pit Application  
Red Fern 2-16H  
SE/4 Sec.16-35S-07W  
Harper County, Kansas

Dear John Mark Beaver:

District staff has inspected the above referenced location and has determined that an unsealed condition will present a pollution threat to water resources.

District staff has recommended that the reserve pit be lined with bentonite, constructed **without slots**, the bottom shall be flat and reasonably level and the free fluids must be removed. The fluids are to be removed from the reserve pit as soon as the Hutchinson Salt section has been drilled through and displacement of the fluids into the reserve pit has occurred. The fluids should be removed again within 1 week after drilling operations have ceased.

**If production casing is set all completion fluids shall be removed from the working pits daily. NO completion fluids or non-exempt wastes shall be placed in the reserve pit.**

The fluids should be taken to an authorized disposal well. Please call the District Office at (316) 630-4000 when the fluids have been removed. Please file form CDP-5 (August 2008), Exploration and Production Waste Transfer, through KOLAR within 30 days of fluid removal.

**A copy of this letter should be posted in the doghouse along with the approved Intent to Drill.** If you have any questions or concerns please feel free to contact the District Office at (316) 630-4000.