



KANSAS CORPORATION COMMISSION 1218250
OIL & GAS CONSERVATION DIVISION

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

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

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

Spot Description:

Sec. Twp. S. R. E W
feet from N / S Line of Section
feet from E / W Line of Section

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

Is SECTION: Regular Irregular?

(Note: Locate well on the Section Plat on reverse side)

CONTRACTOR: License#
Name:

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:

Well Drilled For: Well Class: Type Equipment:

- Oil Gas Enh Rec Storage Disposal Infield Pool Ext. Wildcat Other Mud Rotary Air Rotary Cable

Seismic; # of Holes Other:
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 #:

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

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

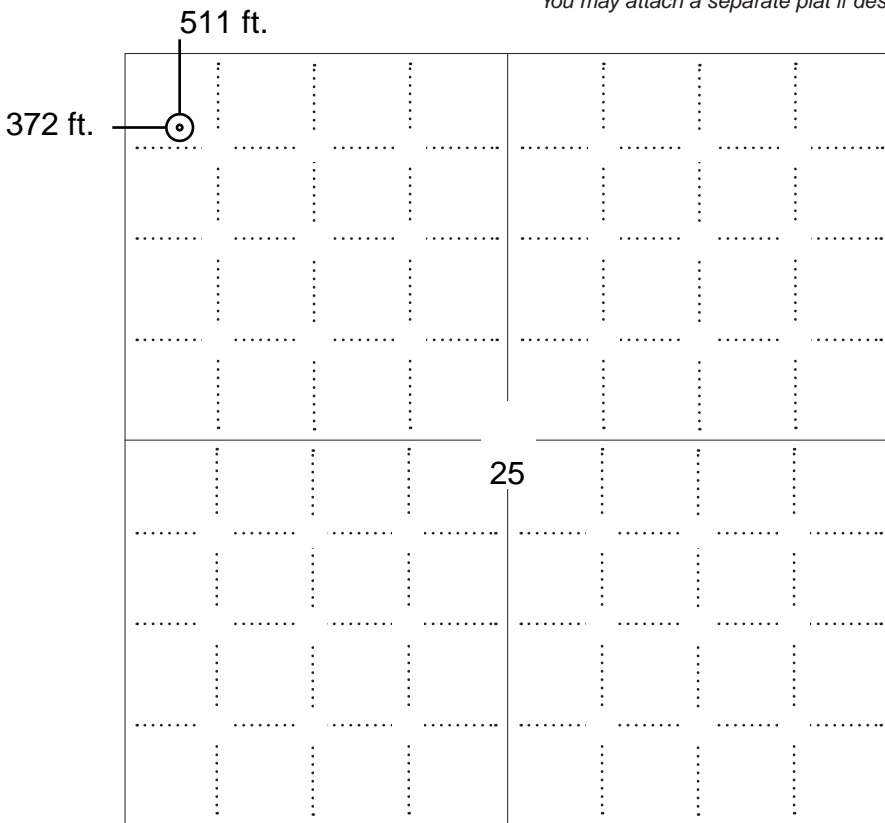
Is Section: Regular or Irregular

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 locaton.

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.

**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	
Emergency, Settling and Burn Pits ONLY: 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		Drilling, Workover and Haul-Off Pits ONLY: 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.	
Submitted Electronically			

KCC OFFICE USE ONLY
 Liner Steel Pit RFAC RFAS

 Date Received: _____ Permit Number: _____ Permit Date: _____ Lease Inspection: Yes No

**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 must provide the name and address of the surface owner by filling out the top section of this form and 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

LINN OPERATING INC. MURPHY #4 ATU-92

511' FNL
 372' FWL
 NW/4 OF NW/4 OF NW/4 OF
 SECTION 25, T-25-S, R-33-W
 LATITUDE: 37°51'26.44925" N
 LONGITUDE: 100°54'00.87710" W
 GROUND ELEVATION: 2918.3'



Keller
 Surveying &
 Mapping

2330 B LAKEVIEW DRIVE
 AMARILLO, TEXAS 79109
 PH: (806) 418-6253

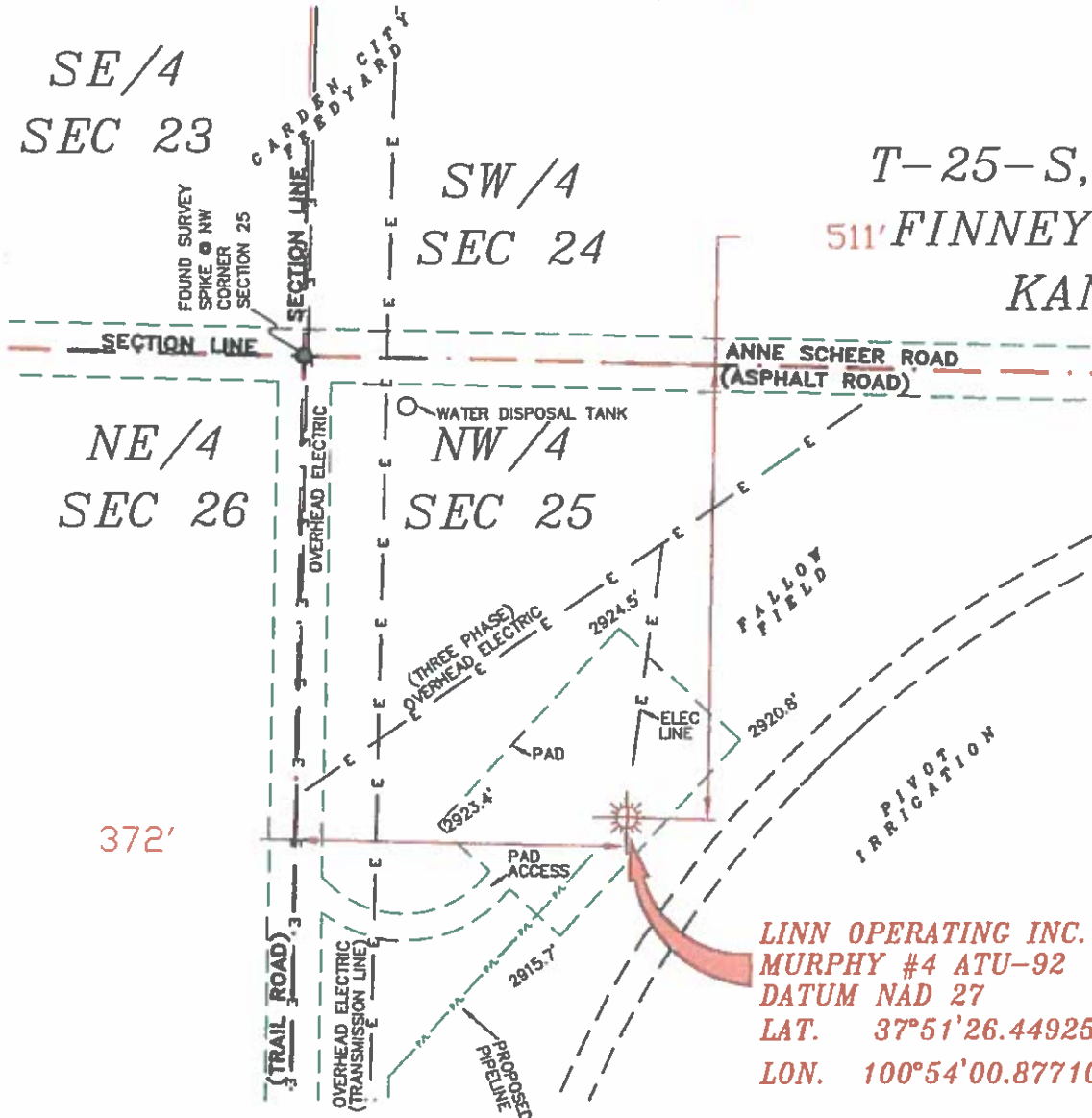
DRAWN BY: MTK
 APPROVED BY: JJK
 SCALE: 1" = 200'
 DATE: 8/10/14

LINN
 Energy

2225 W. OKLAHOMA AVE.
 ULYSSES KANSAS 67880
 PH: (620) 356-6940
 FAX: (620) 356-6950

DRIVING DIRECTIONS:

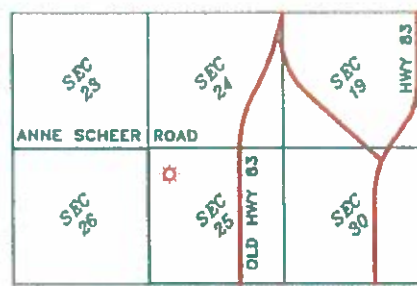
BEGINNING AT INTERSECTION OF HWY 83 & ANNIE SCHEER ROAD
 1) 1.75 MILES WEST ON ANNIE SCHEER ROAD



LINN OPERATING INC.
MURPHY #4 ATU-92
 DATUM NAD 27
 LAT. 37°51'26.44925"
 LON. 100°54'00.87710"

- NOTES:**
- 1) THIS PLAN DOES NOT REPRESENT A TRUE BOUNDARY SURVEY. THE PROPOSED AND TEST SHOWN ARE FROM LINES OF OCCUPATION WHICH MAY NOT BE ACTUAL PROPERTY LINES.
 - 2) CONTRACTOR TO CONTACT ONE-CALL FOR FOREIGN UTILITY LOCATIONS PRIOR TO ANY EXCAVATION OR CONSTRUCTION.
 - 3) NAD 27 UTM-LONG

LINN OPERATING INC.
MURPHY #4 ATU-92
 SECTIONS 23, 24, 25 & 26
 T-25-S, R-33-W
 FINNEY COUNTY, KANSAS



T-25-S, R-33-W
 FINNEY COUNTY, KANSAS



JOHN DAVID KELLER, L.S. NO. 1518

PLAT AND CERTIFICATION OF ACREAGE ATTRIBUTABLE TO A GAS WELL

Kansas Corporation Commission, Conservation Division
Finney State Office Building, 130 South Market, Room 2078
Wichita, Kansas 67202

API NUMBER 15-

LOCATION OF WELL: COUNTY Finney

OPERATOR Linn Operating, Inc.

479 N feet from south/north line of section

LEASE Murphy

330 W feet from east / west line of section

WELL NUMBER 4 ATU-92

FIELD Hugoton-Panoma

SECTION 25 TWP 25 (S) RG 33W E/W

NUMBER OF ACRES ATTRIBUTABLE TO WELL 640

IS SECTION X REGULAR or IRREGULAR

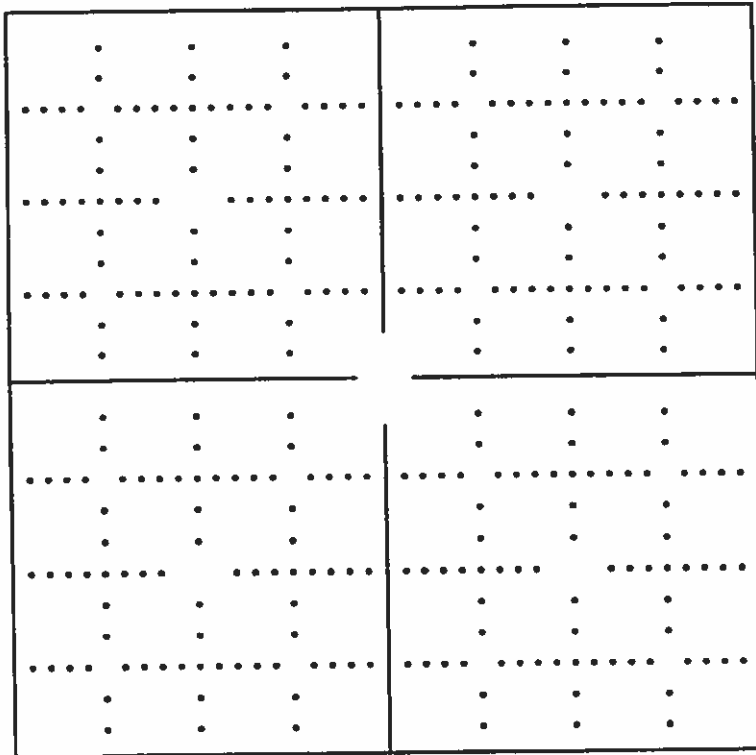
QTR/QTR/QTR OF ACREAGE NW - NW - NW

IF SECTION IS IRREGULAR, LOCATE WELL FROM

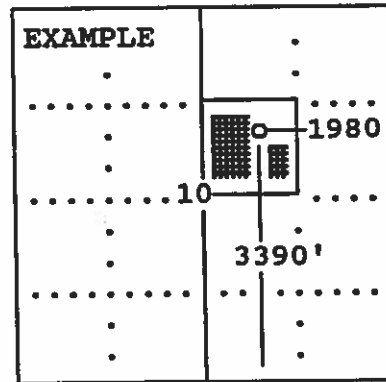
NEAREST CORNER BOUNDARY. (check line below)

Section corner used: NE NW SE SW

(Show the location of the well and shade attributable acreage for prorated or spaced wells).
(Show the footage to the nearest lease or unit boundary line; and show footage to the nearest common source supply well).



see attached map



SEWARD CO.

The undersigned hereby certifies as Regulatory Compliance Advisor (title) for Linn Operating, Inc. (Co.), a duly authorized agent, that all

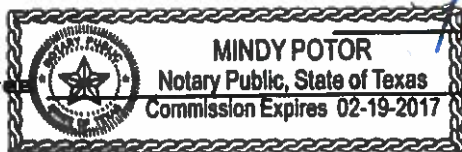
information shown hereon is true and correct to the best of my knowledge and belief, that all acreage claimed attributable to the well named herein is held by production from that well and hereby make application for an allowable to be assigned to the well upon the filing of this form and the State test, whichever is later.

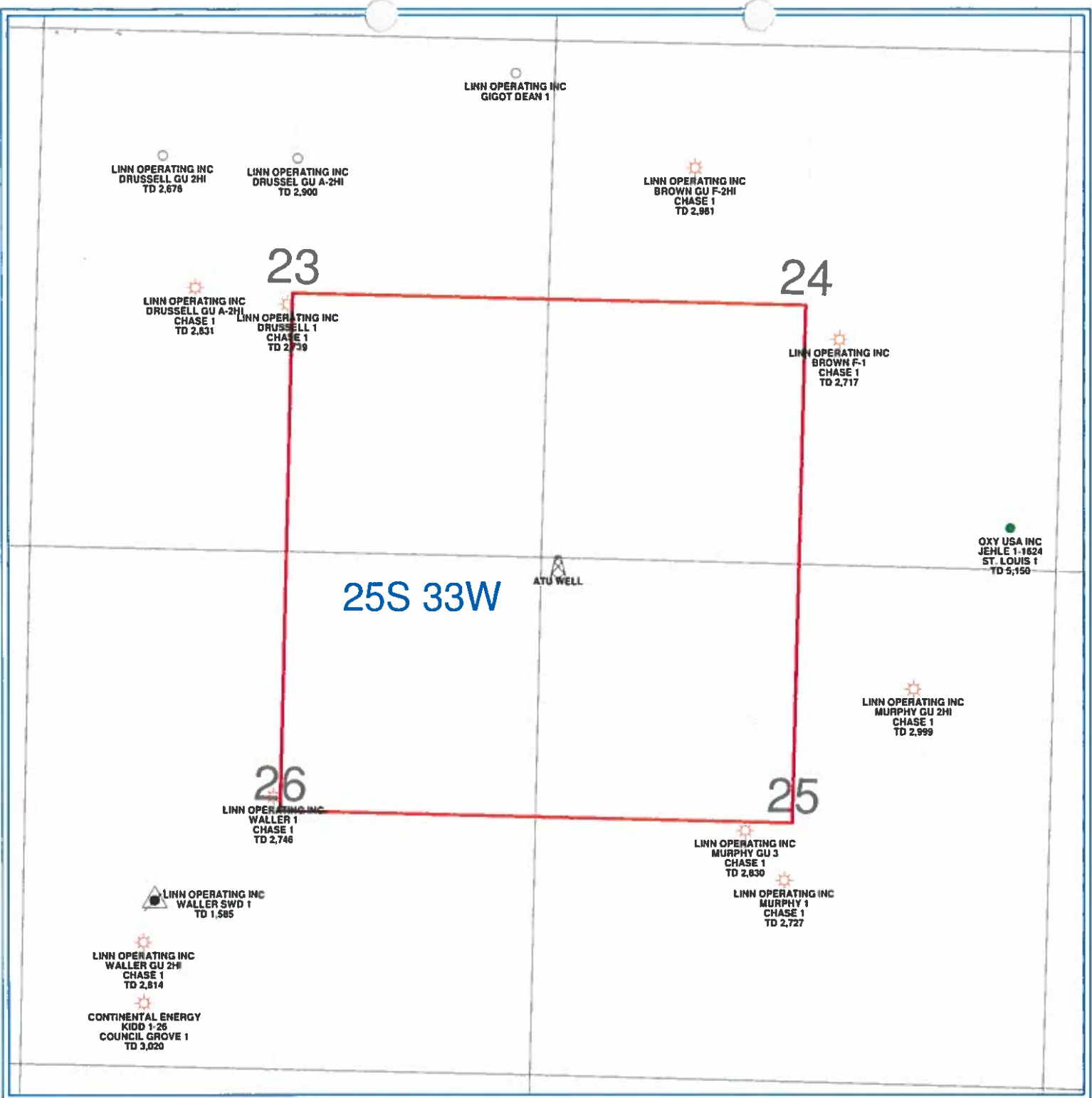
Signature [Handwritten Signature]

Subscribed and sworn to before me on this 23rd day of July, 19 2014

[Handwritten Signature] Notary Public

My Commission expires





PETRA 1/9/2013 1:00:27 PM

LINN OPERATING INC

HUGOTON KANSAS

25S - 33W Finney Co.

0 1,350 2,700
FEET

WELL SYMBOLS

- ABANDONED LOCATION
- ATU Well Location
- Gas Well
- Oil Well
- PLUGGED ABANDONED SWD

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Shari Feist Albrecht, Chair
Jay Scott Emler, Commissioner
Pat Apple, Commissioner

Sam Brownback, Governor

August 12, 2014

Shawn Hildreth
Linn Operating, Inc.
600 TRAVIS STE 5100
HOUSTON, TX 77002-3018

Re: Drilling Pit Application
API 15-055-22333-00-00
MURPHY 4 ATU-92
NW/4 Sec.25-25S-33W
Finney County, Kansas

Dear Shawn Hildreth:

District staff has inspected the above referenced location and has determined that the reserve pit shall be 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 96 hours 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 (620) 225-8888 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 (620) 225-8888.

Summary of Changes

Lease Name and Number: MURPHY 4 ATU-92

API/Permit #: 15-055-22333-00-00

Doc ID: 1218250

Correction Number: 1

Approved By: Rick Hestermann 08/12/2014

Field Name	Previous Value	New Value
ElevationPDF	2920 Surveyed	2918 Surveyed
Feet to Nearest Water Well Within One-Mile of Pit	1530	1568
Ground Surface Elevation	2920	2918
KCC Only - Approved By	Rick Hestermann 07/23/2014	Rick Hestermann 08/12/2014
KCC Only - Approved Date	07/23/2014	08/12/2014
KCC Only - Date Received	07/23/2014	08/12/2014
KCC Only - Regular Section Quarter Calls	S2 NW NW NW	SE NW NW NW
LocationInfoLink	https://kolar.kgs.ku.edu/kcc/detail/locationInformation.cfm?section=25&t330	https://kolar.kgs.ku.edu/kcc/detail/locationInformation.cfm?section=25&t372
Nearest Lease Or Unit Boundary		
Number of Feet East or West From Section Line	330	372

Summary of changes for correction 1 continued

Field Name	Previous Value	New Value
Number of Feet East or West From Section Line	330	372
Number of Feet North or South From Section Line	479	511
Number of Feet North or South From Section Line	479	511
Quarter Call 4 - Smallest	S2	SE
Quarter Call 4 - Smallest	S2	SE
Save Link	../..kcc/detail/operatorEditDetail.cfm?docID=1215620	../..kcc/detail/operatorEditDetail.cfm?docID=1218250

Summary of Attachments

Lease Name and Number: MURPHY 4 ATU-92

API: 15-055-22333-00-00

Doc ID: 1218250

Correction Number: 1

Approved By: Rick Hestermann 08/12/2014

Attachment Name

Fluids 72hrs