



1100355

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

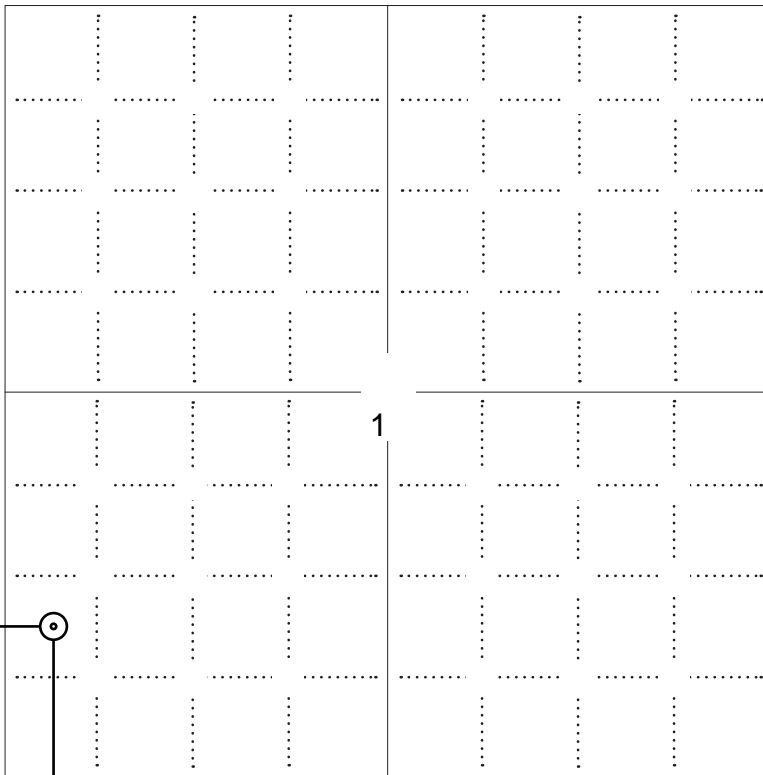
Is Section: Regular or Irregular

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.

1035 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 1100355
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	
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.	
<p>Submitted Electronically</p>			

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:

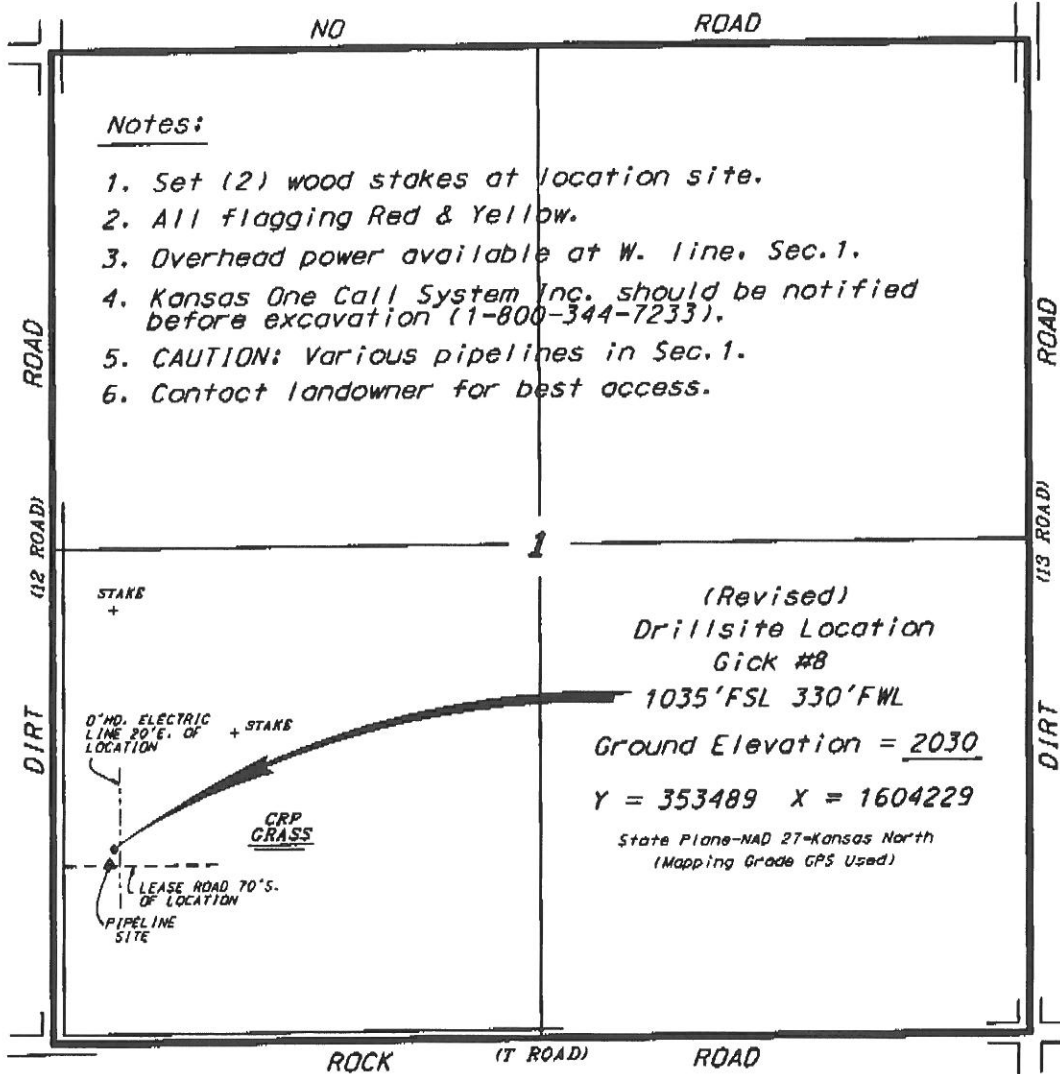
- I certify that, pursuant to the Kansas Surface Owner Notice Act (House Bill 2032), I have provided the following to the surface owner(s) of the land upon which the subject well is or will be located: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form CP-1 that I am filing in connection with this 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 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

I

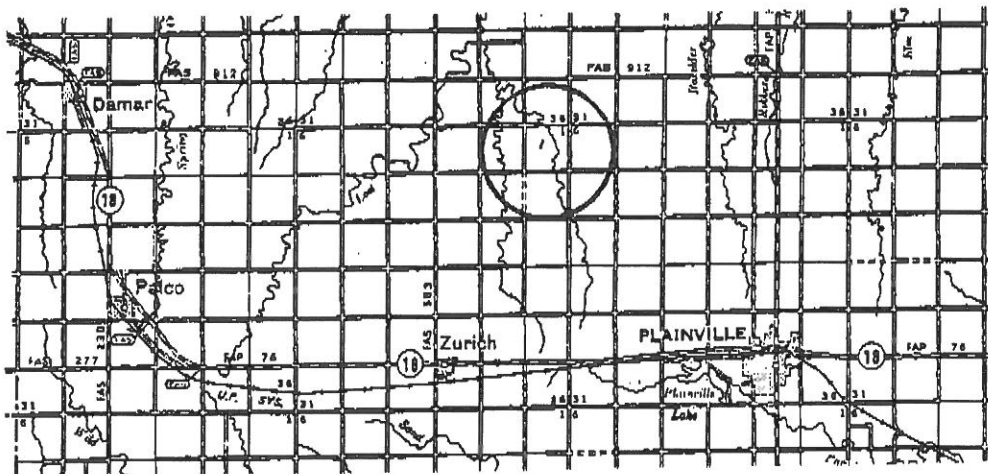
CITATION OIL & GAS CORPORATION
GICK LEASE
SW. 1/4, SECTION 1, T9S, R19W
ROOKS COUNTY, KANSAS



Notes:

1. Set (2) wood stakes at location site.
2. All flagging Red & Yellow.
3. Overhead power available at W. line, Sec. 1.
4. Kansas One Call System Inc. should be notified before excavation (1-800-344-7233).
5. CAUTION: Various pipelines in Sec. 1.
6. Contact landowner for best access.

*Ingress and egress to location as shown on this plat is per usage only and may not be legally opened for public use. Contact landowner, tenant and county road department for access.



• Controlling data is based upon the best maps and photographs available to us and upon a regular section of land containing 640 acres.
 • Approximate section lines were determined using the normal standard of care of oilfield surveyors practicing in the state of Kansas. The section corners, which establish the precise section lines, were not necessarily located, and the exact location of the drillsite location in the section is not guaranteed. Therefore, the operator securing this service and occupying this plot and all other parties relying thereon agree to hold Central Kansas Drilled Services, Inc., its officers and employees harmless from all losses, costs and expenses and said entities released from any liability from incidental or consequential damages.
 • Elevations derived from National Geodetic Vertical Datum.

Date October 26, 2012

GENERAL DRILLING PROCEDURE

Projected TD: 3500' to 3900' MD

Objective: Arbuckle

- ✓ Build location to rotary rig specifications. Build & install cellar large enough to accommodate BOPE.
- ✓ Reduce or shut-in offset injection wells, a week prior to spud, to maintain ≤ 100 psi surface injection pressure.
- ✓ Dig and line pit. Fill with fresh water from drilling water source.
- ✓ Dig earthen pit system per rig specifications. Fill with 2 loads mud from prior well.
- ✓ MIRU rotary rig and equipment. Contractor will dig mouse and rat hole per footage bid.

8 5/8" Surface Casing

1. Spud 12 1/4" hole and drill to $\pm 1300'$ utilizing fresh water spud mud ranging from 9.0 ppg to 9.2 ppg.
2. Circulate and condition hole to run 8 5/8" 24#, K-55, ST&C casing. TOOH w/ bit.
3. RU casing tools and run 8 5/8" K-55, 24#/ft, ST&C casing as follows:

Casing Detail (T \rightarrow B)

8 5/8" 24 #/ft K-55 ST&C casing to surface
 8 5/8" Float Collar (or Insert Float Valve)
 2 jts 8 5/8" 24 #/ft K-55 ST&C new casing
 8 5/8" Guide Shoe or Cut-lip Guide

ID	Drift	Optimum Torque	Collapse	Burst	Tension
8.097"	7.972"	2,440 ft-lbs	1,370 psi	2,950 psi	244,000 lbs

Special Instructions

- a) Run 12 (12 1/4" x 8 5/8") centralizers as follows:
 - 1 - Middle of first jt w/ stop ring.
 - 1 - Collar of first jt.
 - 1 - Middle of second jt w/ stop ring (below float collar).
 - 1 - Middle of third jt w/ stop ring (above float collar).
 - 1 - Every third collar to surface.
- b) Tack-weld shoe and bottom (4) connections.
- c) Thread-lock bottom four (4) connections if deemed necessary.
- d) Break circulation through float equipment after lowering below rotary table.
- e) With casing on bottom, circulate a minimum of 2 - 3 hole volumes (or until fluid cleans up) prior to cementing.

- f) If possible, rotate and/or reciprocate pipe during circulating and cementing operations.
- 4. RU cement co. Circulate and condition mud. Cement surface casing w/ 500 sx Common Cement w/ 2% gel & 3% CaCl₂. Displace plug w/ fresh water. Land plug w/ 500 psi over late pumping pressure. Release pressure and check float.
- 5. WOC 8 hrs. Cut-off 8 5/8" casing & NU on 8 5/8" with appropriate casing head. NU BOPE.
- 6. Test Casing to 1000 psi and annular BOP to 1000 psi.

5 1/2" Production Casing

- 7. TIH w/ 7 7/8" bit and drill out plug, FC, cement and casing shoe. Drill 7 7/8" hole to approximately 2800' (100' above Topeka A) with native mud. At a drill depth of 2800', displace hole with chemically dispersed mud from 500 bbl frac tank. Maintain WL at 8 to 10 cc's as per mud program. Maintain LCM in mud as lost circulation dictates. Continue drilling to TD.
- 8. At TD, circulate and condition mud for logs. Short trip to last bit change. TIH to TD and circulate bottoms up twice or until returns clean. Chain out 20 stands. Strap out of hole to log.
- 9. RU WL company and run OH logs as per geological prognosis.
- 10. TIH w/ 7 7/8" bit w/ slick BHA to TD. Circulate and condition hole to run casing.
- 11. POOH laying down DP and BHA.
- 12. RU casing tools and run 5 1/2" production casing as follows:

Casing Detail (T → B)

- 5 1/2" 15.5# J-55 LT&C new casing to surface
- 5 1/2" Float Collar
- 2 jts 5 1/2" 15.5# J-55 LT&C new casing
- 5 1/2" Float Shoe

Drift	ID	Optimum Torque	Collapse	Burst	Tension
4.825"	4.950"	2,170 ft-lbs	4,040 psi	4,810 psi	217,000 lbs

Special Instructions

- a) Run 14 (7 7/8" x 5 1/2") centralizers as follows:
 - 1 – Middle of first jt w/ stop ring.
 - 1 – Collar of first jt.
 - 1 – Middle of second jt w/ stop ring.
 - 1 – Float Collar.
 - 10 – Spaced every other collar.
 - 1 – Cement Basket above LKC 'A'

- 1 – Cement Basket above Arbuckle
 - b) Tack-weld float shoe and casing collars past float collar.
 - c) Thread-lock bottom four (4) connections.
 - d) Break circulation through float equipment after lowering below rotary table.
 - e) With casing on bottom, circulate a minimum of 2 – 3 hole volumes prior to cementing.
 - f) Rotate and/or reciprocate casing during circulating and cementing operations.
13. RU cement co. Cement production casing w/ 500 gals WFR-2 Mud Flush followed with 200 sx ASC cement w/ 10% salt, 2% gel and ¼ #/sk Flo-Seal (Volume should bring cement top to ~2300 FFS). Displace with fresh wtr. Land plug with 500 psi over late pumping pressure. Release pressure and check float.
 14. Pull BOP. Set 5 ½" casing, in full tension, in slips. Strip off BOP. Cut off casing and NU casing hanger.
 15. Clean mud pits, release rig and all rental equipment.
 16. Move drilling equipment to next location.

GENERAL COMPLETION PROCEDURE

- ✓ Prior to MI RU PU, weld on 5 ½" belled nipple and NU WHAF.
- ✓ Plumb bradenhead to surface with BP ball valve.
- ✓ Back-fill cellar, clean-up and level location. Set anchors.
- ✓ Unload and rack 2 7/8" 6.5 ppf J-55 EUE 8rd work-string tubing.
- ✓ If necessary, dig & line "workover" pit. Otherwise, use drilling pits.
- ✓ Based on OH logs (and float collar depth), determine Arbuckle interval to be production tested:
 - If Arbuckle is to be tested requires additional rat-hole is necessary, MI RU reverse equipment (i.e., pump, pit and swivel) for drill-out of float shoe.

Arbuckle Production Test

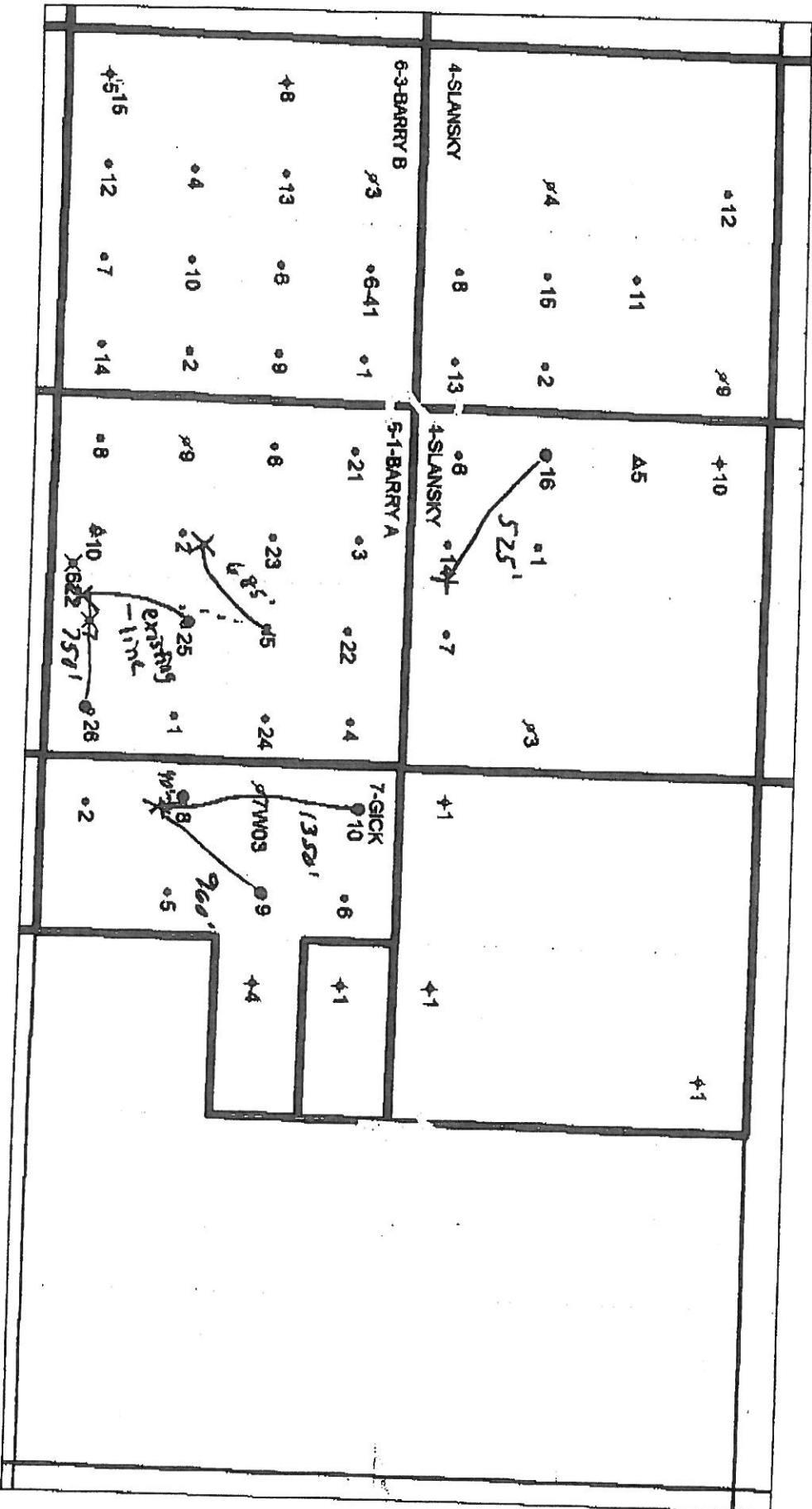
1. MI RU Pulling Unit. NU BOP. If drill-out is necessary based on the above criteria, PU & RIH w/ 4 ¾" MT bit, (6) 3 ½" DC's & SN on 2 7/8" WS.
 - If drill-out is NOT required, PU & RIH w/ 4 ¾" MT bit, Scraper & SN on 2 7/8" WS. Proceed to step 3.
2. DO FC & shoe jt(s) as necessary to provide adequate rathole.
3. CHC. PT csg to 1000 psi/15 min. POOH & LD BHA.
4. MI RU WL Unit & pack-off. Run GR/CCL/CBL log. RIH & perforate Arbuckle w/ 4 spf & 90° phasing (as per Geologist recommendation). Email GR/CCL/CBL to Houston office for inspections. POOH & LD perf gun. RD MO WL Unit.
5. PU & RIH w/ 5 ½" PKR & SN on 2 7/8" WS. Set PKR ± 25' above top Arbuckle perforation. RU swab. Swab test Arbuckle for potential fluid production and oil cut.
6. If deemed necessary, Acid stimulate Arbuckle perms to provide optimum production test information.
 - Note: Stimulation recommendation will be provided on an "as needed" basis dependant on interval size and initial swab test results.
7. If deemed necessary, prepare well for polymer treatment and follow the General Polymer Treatment Procedure, if not continue to step 14.

General Polymer Treatment Procedure

8. MI RU Acid co. Spot 500 gals of 15% HCL w/ mutual solvent on bottom. Let acid spend for 1 hour. RU swab and swab back 30 BBL load. RD swab.
9. Pump 1500 gals of 15% HCL w/ mutual solvent at rate of 6-7 bpm, do not exceed surface treating pressure of ~2300#. Displace acid w/ produced water. RDMO Acid. SI well for 2 hours for acid to spend. RU swab. Swab back 100 BBL load. RD swab.

10. RU & RIH w/ BHP sensor. RD MO Pulling Unit.
11. MI RU Polymer Unit. Pump polymer treatment dependent on formation potential from pre-acid swab rates and fluid level. Monitor polymer rates, concentrations, and volumes along with BH and surface treating pressures and report daily to Engineer. Displace final polymer stage with produced water.
12. RD MO Polymer Unit. POOH w/ BHP sensor. SI well for 7 days for polymer to build gel strength. MO frac tanks.
13. MI RU Pulling Unit. RU swab. Swab Arbuckle for rate and oil cut. RD swab.
14. POOH w/ tbg & PKR. LD PKR.
15. Based on results of Arbuckle swab test, run completion assembly for artificial lift (to be determined).
16. RIH w/ 2 7/8" completion assembly. ND BOP. RIH w/ pump and rods. Note: Rod pump system size determined as per swab test and anticipated production rates.
17. NU WH. RD MO PU.
18. Lay flow-line from WH to active trunk line. Tie flow-line into active trunk line and WH. RU Bbl testing assembly.
19. Build pad, MI pumping unit & set. Tie in electrical service. Hang well on. Put well on production.
20. Monitor fluid levels and well tests for 30 days.

1&2-9S-19W ROOKS Co., KS



KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form KSONA-1
July 2010
Form Must Be Typed
Form must be Signed
All blanks must be Filled

**CERTIFICATION OF COMPLIANCE WITH THE
KANSAS SURFACE OWNER NOTIFICATION ACT**

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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 #: _____

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I hereby certify that the statements made herein are true and correct to the best of my knowledge and belief.

Date: _____ Signature of Operator or Agent: _____ Title: _____