



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

KANSAS CORPORATION COMMISSION 1319626
 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
<input type="checkbox"/> 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

<p>For KCC Use ONLY</p> <p>API # 15 - _____</p> <p>Conductor pipe required _____ feet</p> <p>Minimum surface pipe required _____ feet per ALT. <input type="checkbox"/> I <input type="checkbox"/> II</p> <p>Approved by: _____</p> <p>This authorization expires: _____ (This authorization void if drilling not started within 12 months of approval date.)</p> <p>Spud date: _____ Agent: _____</p>

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

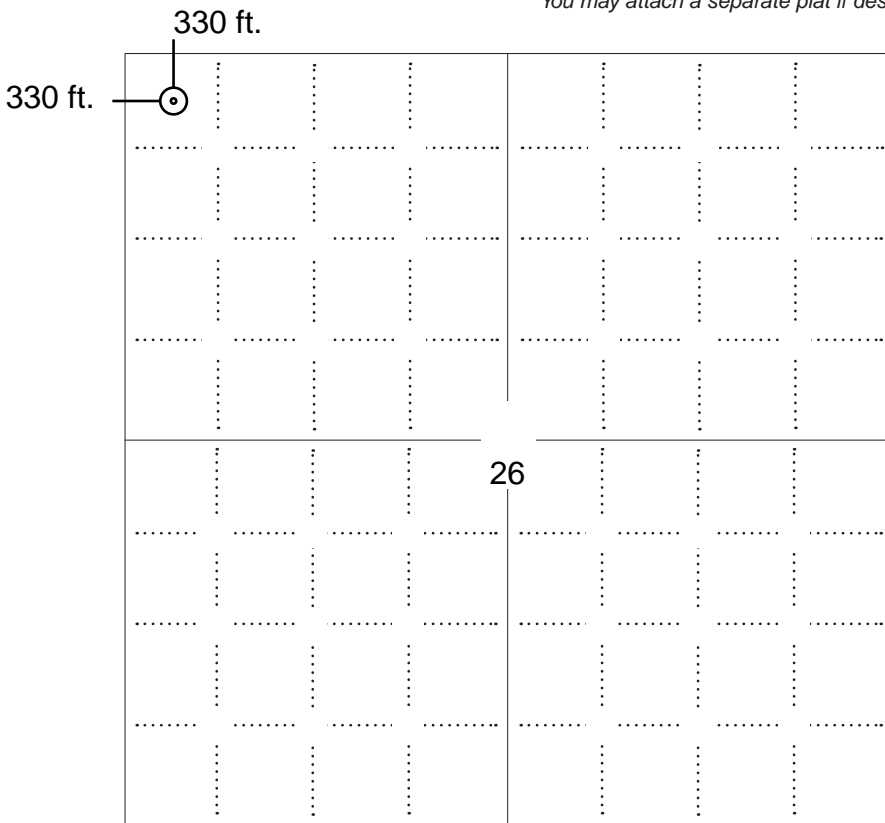
Is Section: Regular or Irregular

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

I

OPCO LLC
 OPERATOR

PROCTOR
 LEASE

1-26
 WELL NO.

10/14/2016
 DATE

COMANCHE
 COUNTY

KANSAS
 STATE

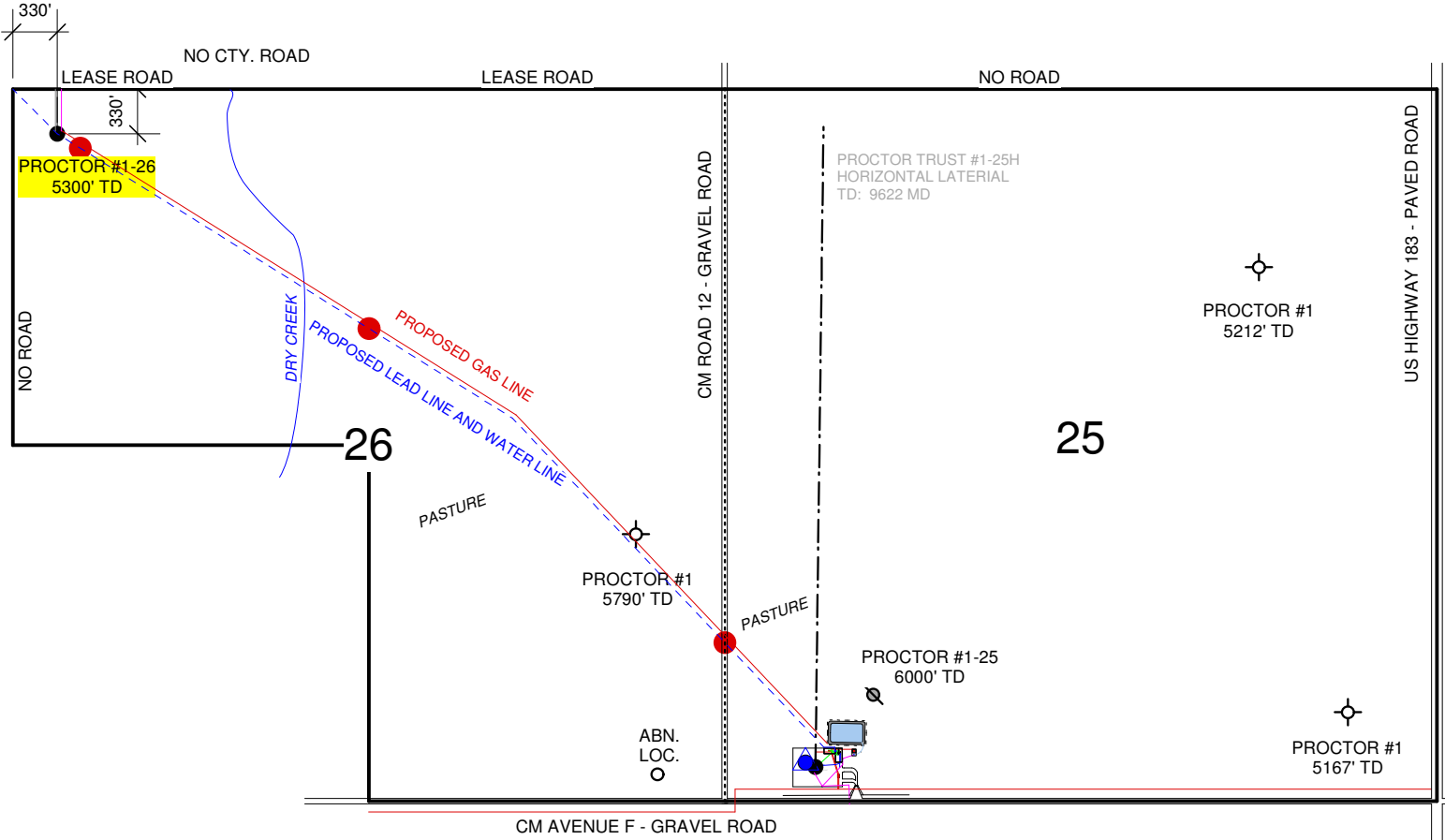
26
 S

31S
 T

19W
 R

2146' GL
 ELEVATION

330' FNL, 330' FWL OF SEC
 SURFACE LOCATION



- FENCE
- UNDERGROUND ELECTRIC
- UNDERGROUND GAS PIPELINES
- UNDERGROUND LEAD LINES (OIL AND WATER)
- UNDERGROUND WATER PIPELINES
- OVERHEAD ELECTRIC
- ▲ SALTWATER DISPOSAL WELL
- OIL AND GAS WELL
- OIL STOCK TANK
- SALTWATER STORAGE TANK
- GUN BARREL LIQUID SEPARATOR (OIL AND WATER)
- GAS SEPARATOR
- GAS METER

OPCO PROCTOR LEASE
 COMANCHE COUNTY, KANSAS
 COLDWATER NORTHWEST / SILVER SPUR FIELD
 25-T31S-R19W (ENTIRE SECTION)
 26-T31S-R19W (E2 AND NW/4)
 1120 GROSS ACRES / 910 NET ACRES
 NRI: 81.25%
 HELD BY PRODUCTION

- 480 VAC THREE PHASE
- GAS PIPELINE
- WATER LINE AND LEAD (OIL & WATER) LINE
- LEASE ROAD

10/13/2016
 SURVEYED

PROPOSED

REVISION:	LOCATION:
10/12/2016	26-T31S-R19W COMANCHE COUNTY, KANSAS

WELL No:	REV.
1-26	

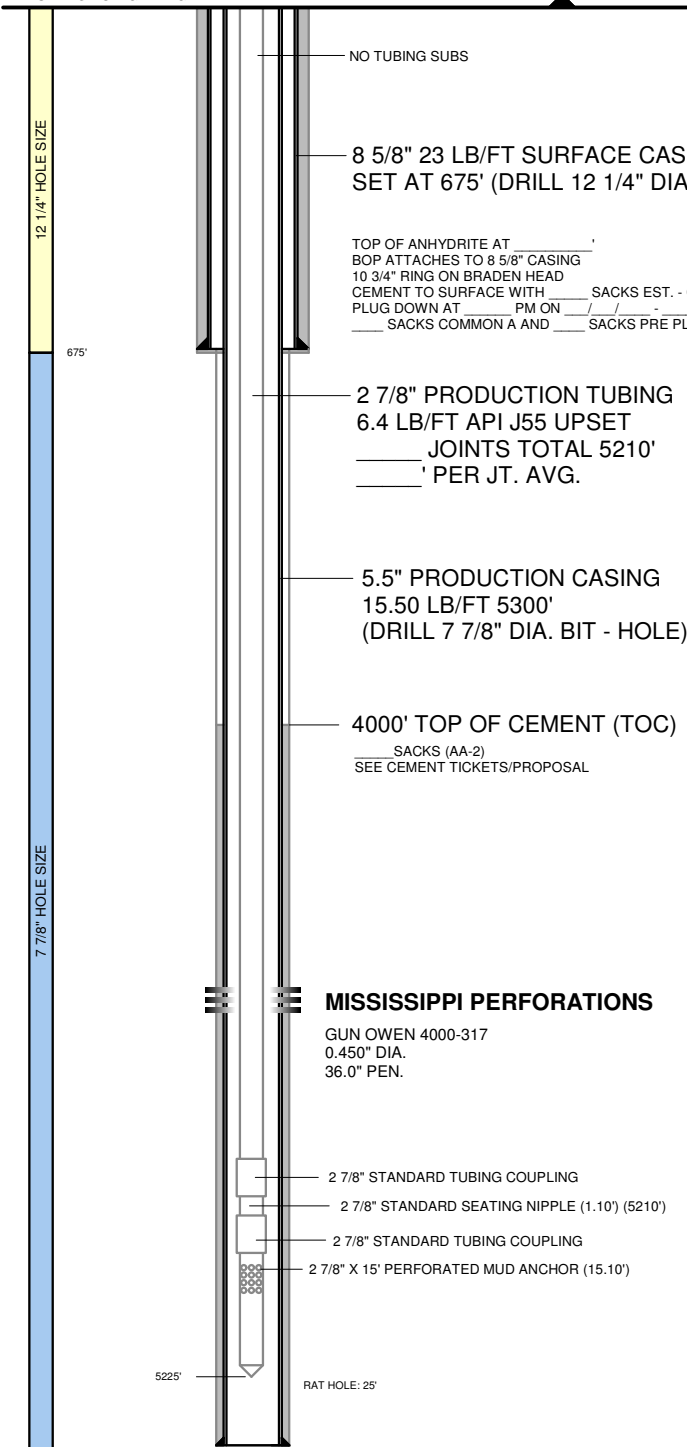
SURFACE TEMP: 70 DEG F MAX

K.B.: 7'

G.L. ELEVATION 2146' (SHL)

SET TOP CLPG 12" AGL

5 1/2" X 2 7/8" TUBING HEAD



NOTES:

PUMPING UNIT: 228 - 246 - 86 (86" SURFACE STROKE)
 CONVENTIONAL UNIT
 C106 GAS ENGINE OR 40 HP ELECTRIC MOTOR
 RUN OFF OF WELLHEAD GAS OR ELECTRIC WITH SPOC DRIVE
 RUN TIME: 24 HRS PER DAY
 1.25" X 18' POLISHED ROD WITH LINER ASSEMBLY (18')
 1.50" HARD FACED POLISHED ROD LINER X 8' (8')
 4' AND 8' PONY RODS ON TOP (7/8" GRADE D) (12')
 1.50" X 8' HARD LINED POLISHED ROD LINER WITH SEAL (8')
 - 7/8" GRADE D SUCKER RODS ()
 - 3/4" GRADE D SUCKER RODS () (60% 7/8" AND 40% 3/4")
 4 - 1 1/2" SINKER BARS ON BOTTOM (100')
 ONE 2' X 7/8" GRADE D PONY ROD ON BOTTOM (TOP OF PUMP) (2')
 SPEED RANGE: 4 TO 12 SPM (400 BPD)
 EST. SPEED: 8 SPM (255 BPD)

TUBULARS

PURPOSE SIZE	CONDUCTOR 13 3/8"	SURFACE 8 5/8"	INTERMEDIATE	PRODUCTION 5 1/2"	PROD. TUBING 2 7/8"
WEIGHT	NONE	2,946 PSIG	NONE	15.5 LB/FT	6.40 LB/FT
GRADE	NONE	J-55	NONE	J-55	J-55
BURST	NONE	24.0 LB/FT	NONE	4,812 PSIG	7,265 PSIG
COLLAPSE	NONE	381,395 LBF	NONE	4,043 PSIG	7,676 PSIG
YIELD	NONE	1,434 PSIG	NONE	248,274 LBF	99,661 LBF
CAPACITY	NONE	0.064 BBL/FT	NONE	0.024 BBL/FT	0.006 BBL/FT
THICKNESS	NONE	0.2640"	NONE	0.2750"	0.2170"
ID	NONE	8.0970"	NONE	4.9500"	2.4410"
DRIFT ID	NONE	7.9720"	NONE	4.8250"	2.3470"
AREA	NONE	51.49 IN2	NONE	4.514 IN2	4.68 IN2
SETTING DEPTH	NONE	675'	NONE	5,300'	5210' TO PUMP
LENGTH	NONE	675'	NONE	5,300'	NEED 5250'
FOB	NONE	CHASE, KS	NONE	CHASE, KS	CHASE, KS

DATE	10/06/2016
APPROVED BY	B. KELSO
AFE	263119
API No.	TBD
GL ELEVATION	2146'
KB	7'
KB ELEVATION	2153'
RIG	KELSO

MISSISSIPPI PERFORATIONS

GUN OWEN 4000-317
 0.450" DIA.
 36.0" PEN.

- 2 7/8" STANDARD TUBING COUPLING
- 2 7/8" STANDARD SEATING NIPPLE (1.10') (5210')
- 2 7/8" STANDARD TUBING COUPLING
- 2 7/8" X 15" PERFORATED MUD ANCHOR (15.10')

5225' RAT HOLE: 25'

PBTD: 5250' MD TVD
 RTD: 5300' MD TVD
 LTD: 5300' MD TVD
 DOWNHOLE TEMP: 132 DEG F (EST.)

DOWN HOLE SUCKER ROD PUMP:

2.0000" INSERT PUMP (BHD) -- BULLET PROOF
 PUMP LENGTH: 14' (NICARD AND SS)
 BOTTOM HOLD DOWN TYPE
 TRAVELING BARREL
 2' X 7/8" PONY ROD ON TOP OF PUMP
 8' GAS SEPERATOR ON THE BOTTOM
 PUMP INTAKE DEPTH: 5210'
 PUMP IS SETTING BELOW PERFORATIONS -- 8 TANK FRAC
 (MAY NEED TO HAVE PUMP SETTING ABOVE PERFS FOR TWO MONTHS
 AFTER FRAC AND THEN LOWER PUMP BELOW)

PROCTOR #1-26
 COMANCHE COUNTY, KANSAS
 26-T31S-R19W
 SHL: 330' FNL, 330' FWL
 BHL: 330' FNL, 330' FWL
 SILVER SPUR FIELD

LASSO ENERGY LLC

COMMANCHE COUNTY, KS

PROCTOR LEASE

POSTED WELL DATA

WELL - CUMOIL (BBLs)

WELL - CUMGAS (MCF)



SYMBOL HIGHLIGHT

- TOPEKA PRODUCERS
- MARMATON PRODUCERS
- MISSISSIPPIAN PRODUCERS
- VIOLA PRODUCERS

WELL SYMBOLS

- Oil & Gas Well
- Plugged & Abandoned Oil Well
- Plugged & Abandoned Oil and Gas Well
- Active Producer
- Plugged & Abandoned Gas Well
- Disc Well Gas P&A
- OWWO P&A
- Dry Hole
- Dry & Abandoned
- DRY HOLE W SOG
- Dry Hole With Gas Show
- Dry-Completion Attempt
- Enhanced Oil Recovery P&A
- SWD-Deep
- Dry Hole With Gas Show
- Abandoned Location

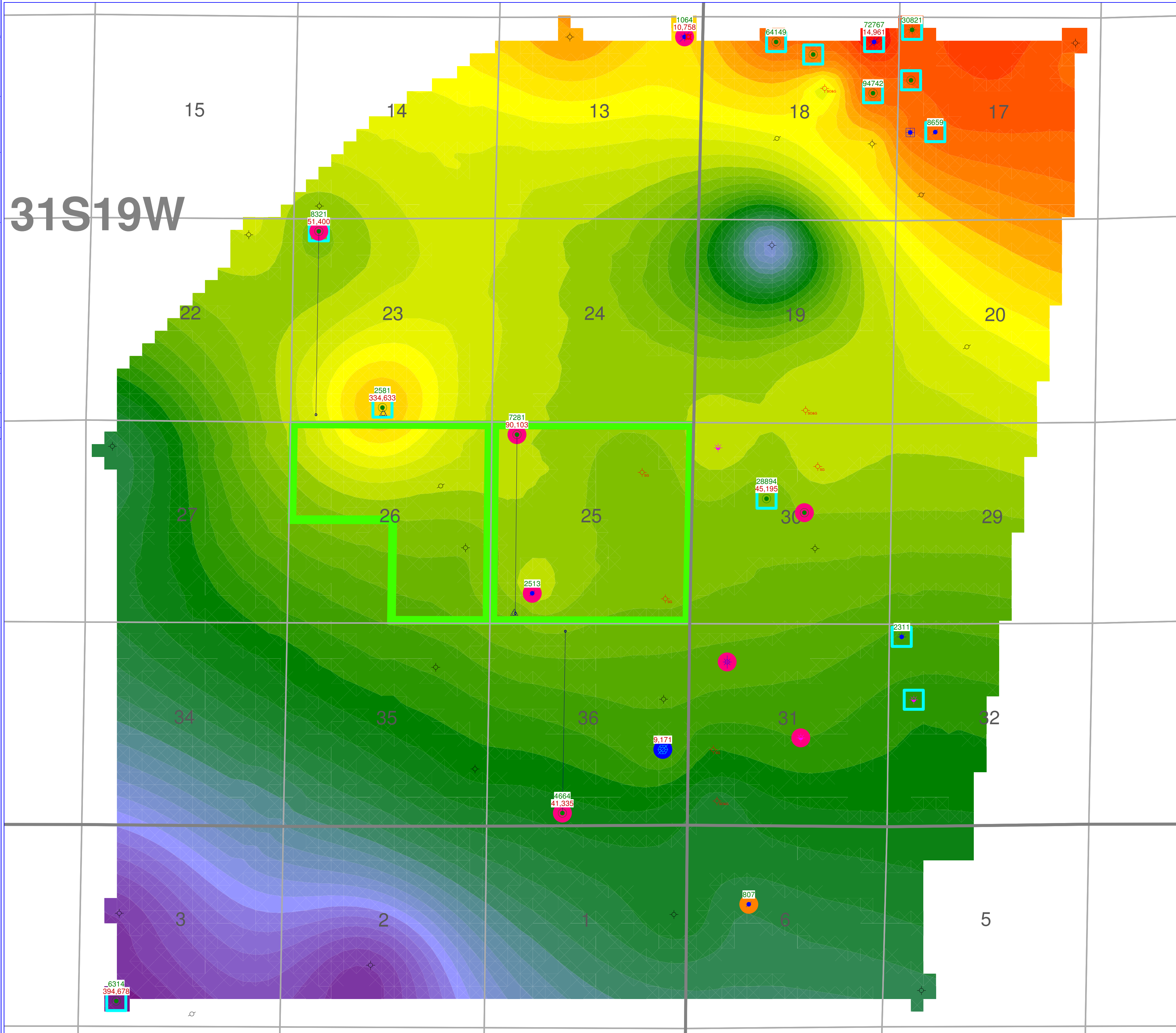
REMARKS

MISSISSIPPIAN STRUCTURE MAP

By: DEREK W. PATTERSON

May 28, 2015

31S19W



October 25, 2016

Matt Burton
OPCO LLC
PO BOX 445
1119 SOUTH MAIN
CHASE, KS 67524

Re: Drilling Pit Application
Proctor Trust 1-26
NW/4 Sec.26-31S-19W
Comanche County, Kansas

Dear Matt Burton:

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 or native clay, 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 after drilling operations have ceased.

KEEP PITS away from draw/drainage.

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.