



1069864

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

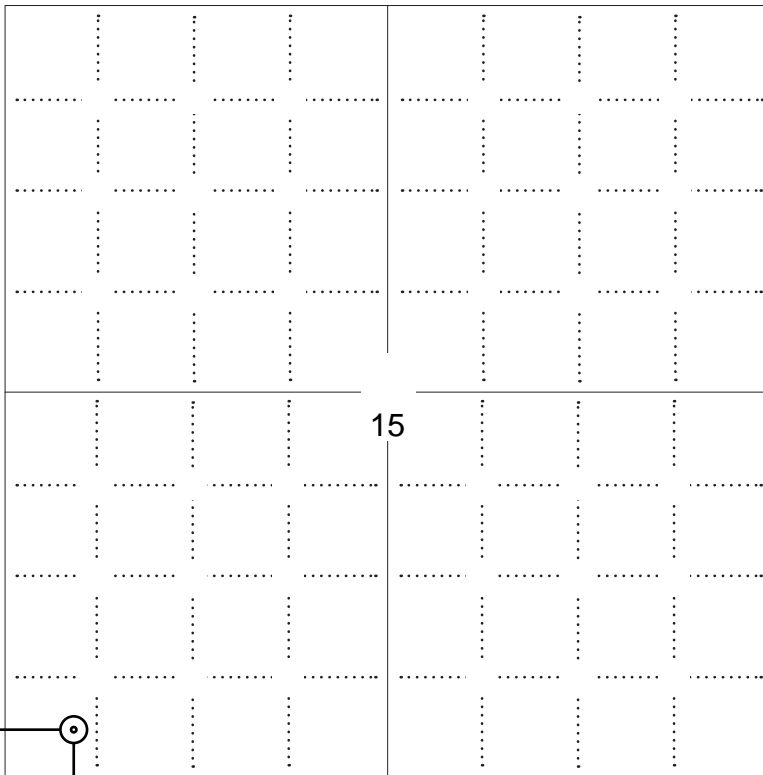
Is Section: Regular or Irregular

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.

330 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.



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.	
<h2>Submitted Electronically</h2>			

KCC OFFICE USE ONLY			
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.

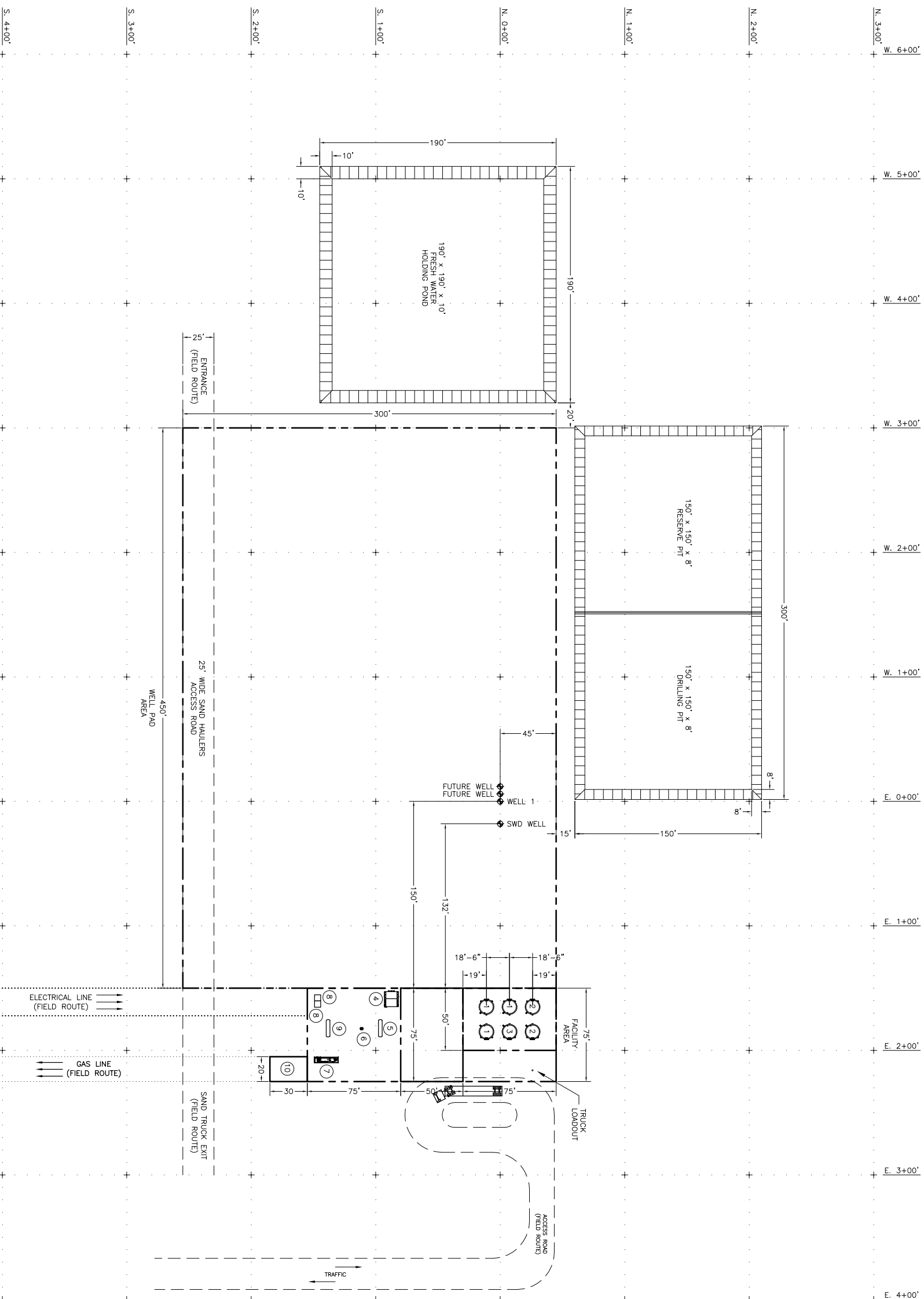
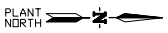
Select one of the following:

- 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.

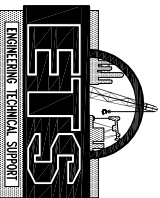
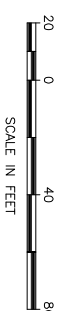
If choosing the second option, submit payment of the \$30.00 handling fee with this form. If the fee is not received with this form, the KSONA-1 form and the associated Form C-1, Form CB-1, Form T-1, or Form CP-1 will be returned.

I Submitted Electronically

I



- EQUIPMENT:**
- ① 12'-0"ø x 20'-0" HT. WATER TANK (TYP. 3)
 - ② 12'-0"ø x 20'-0" HT. OIL TANK (TYP. 2)
 - ③ 12'-0"ø x 20'-0" HT. WET OIL
 - ④ 11'-2" x 12'-10" SHELL METERING SKID (FUTURE)
 - ⑤ FREEWATER KNOCKOUT
 - ⑥ FUEL GAS SCRUBBER SKID
 - ⑦ 4'-0" x 20'-0" HEATER TREATER
 - ⑧ GENERATOR (TYP. 2)
 - ⑨ TEST SEPARATOR (FUTURE)
 - ⑩ GAS SALES



REVIEWED BY:				RELEASED ONLY FOR:				SHELL EXPLORATION & PRODUCTION COMPANY			
PROJ ENGR				PROJ	FAC	DATE		EQUIPMENT PILOT PLAN			
ENGR				ENGR	ENGR			MULTIPLE WELL FACILITY			
OPR								ARROWHEAD DEVELOPMENT			
CONST								HARPER COUNTY, KANSAS			
HSAE								ENGR: WA JONES	DGN: Y WU	SCALE: 1" = 40'	
	9/11	A	ISSUED FOR APPROVAL	YV	CGM	BID		DATE: 09/20/11			
											KS-1000-MX-4024-0001

T34S, R7W, 6th P.M.

SGOMI

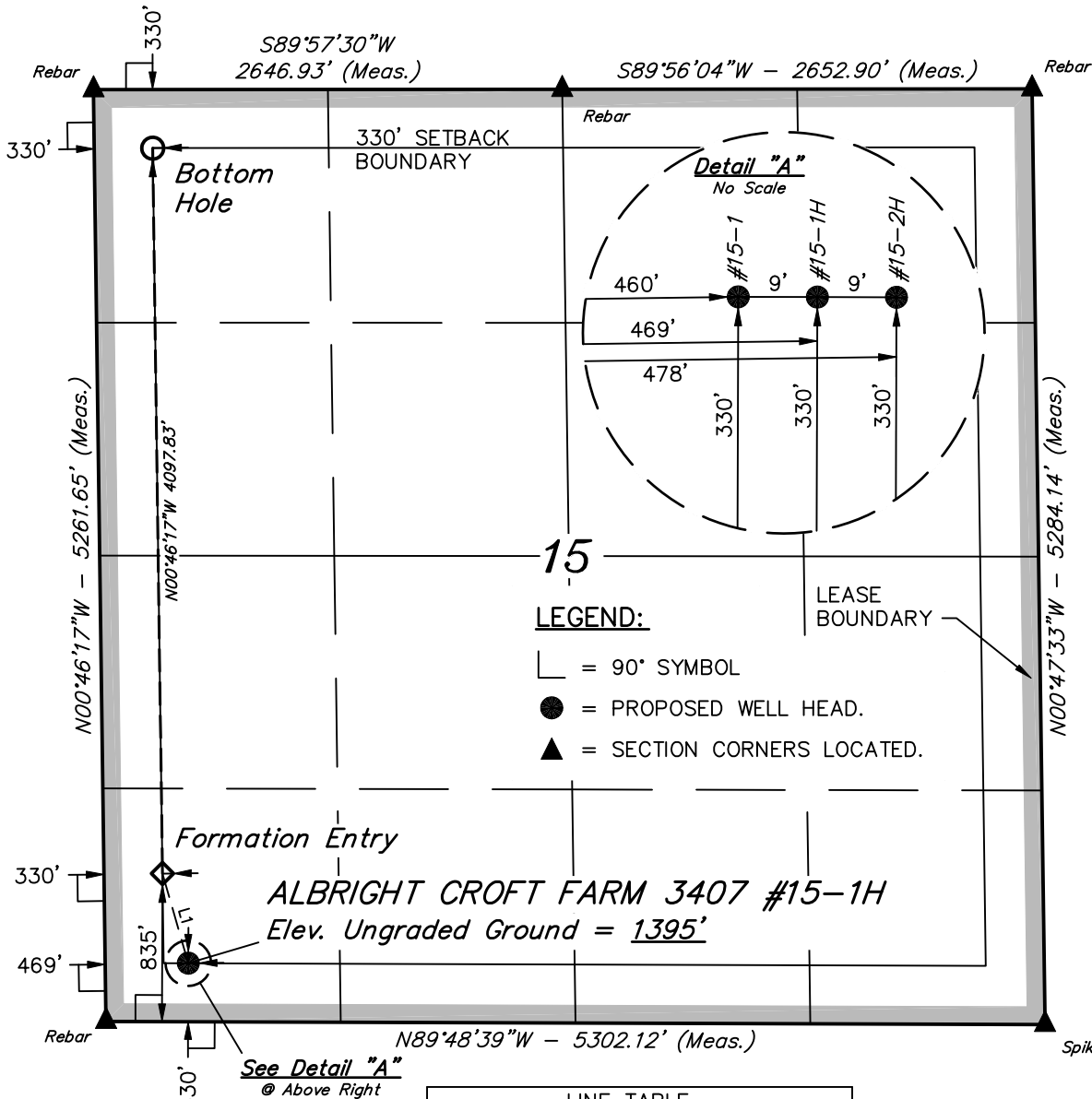
Well location, ALBRIGHT CROFT FARM 3407 #15-1H, located as shown in the SW 1/4 SW 1/4 of Section 15, T34S, R7W, 6th P.M., Harper County, Kansas.

BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE NORTHEAST CORNER OF SECTION 22, T33S, R7W, 6th P.M. TAKEN FROM THE ANTHONY, QUADRANGLE, KANSAS, HARPER COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 1348 FEET.

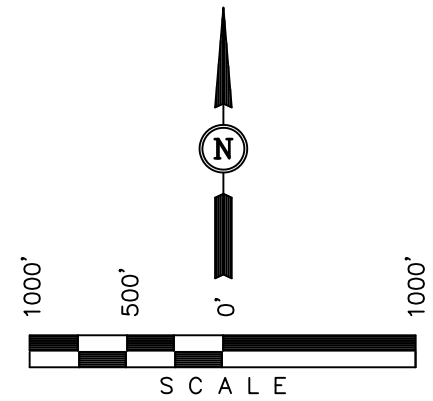
BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



LEGEND:

- └ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

JOHANNES
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 1386
 STATE OF KANSAS
 10-11-11

REVISED: 10-18-11

UINTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 10-05-11	DATE DRAWN: 10-11-11
PARTY L.S. K.H. C.C.		REFERENCES G.L.O. PLAT
WEATHER COOL		FILE SGOMI

LINE TABLE		
LINE	BEARING	LENGTH
L1	N16°05'09"W	526.07'

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (FORMATION ENTRY)	NAD 83 (#15-1H SURFACE LOCATION)
LATITUDE = 37°05'35.76" (37.093268)	LATITUDE = 37°04'55.25" (37.082014)	LATITUDE = 37°04'50.25" (37.080626)
LONGITUDE = 98°04'26.05" (98.073902)	LONGITUDE = 98°04'25.39" (98.073719)	LONGITUDE = 98°04'23.59" (98.073220)
NAD 83 (TARGET BOTTOM HOLE)	NAD 27 (FORMATION ENTRY)	NAD 27 (#15-1H SURFACE LOCATION)
LATITUDE = 37°05'35.68" (37.093244)	LATITUDE = 37°04'55.16" (37.081990)	LATITUDE = 37°04'50.17" (37.080601)
LONGITUDE = 98°04'24.82" (98.073561)	LONGITUDE = 98°04'24.16" (98.073378)	LONGITUDE = 98°04'22.36" (98.072879)

1,910,000

98°4'0"W

1,915,000

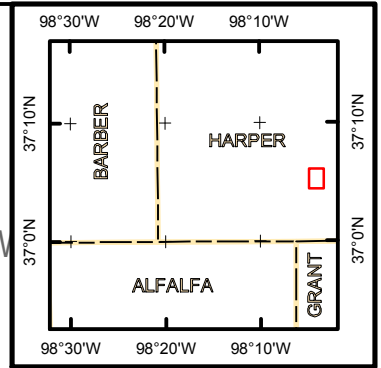
37°6'0"N



9

CLARK

10
T34S - R7W



37°6'0"N

13,470,000

13,470,000

BHL

NAD27 State Plane Kansas South
 Lat: 37.080695 X: 2124483.34479
 Lon: -98.07331 Y: 151041.016777

DANIEL R. CARTMILL AND
 MARJORIE L. CARTMILL,
 TRUSTEES FO THE CARTMILL
 FAMILY TRUST, DATED
 NOVEMBER 21, 2006

CROFT FARMS,
 INC. BY SUSAN E.
 CROFT, PRESIDENT

THE DUSTY E. ALBRIGHT LIVING
 TRUST, DATED JULY 10,2007 (AN
 UN-DIVIDED ONE-HALF INTEREST)
 AND THE ERIN E. ALBRIGHT LIVING
 TRUST, DATED JULY 10, 2007, (AN
 UN-DIVIDED ONE HALF-INTEREST),
 DUSTY E. ALBRIGHT AND
 ERIN E. ALBRIGHT, CO-TUSTEES
 OF EACH TRUST

CATHER 1

15

14

16

CATHER FAMILY
 FARMS, LLC,
 A KANSAS
 LIABILTY COMPANY

CROFT FARMS,
 INC. BY SUSAN E.
 CROFT, PRESIDENT

13,465,000

13,465,000

NAD27 State Plane Kansas South
 Lat: 37.066278 X: 2124555.02035
 Lon: -98.073147 Y: 145791.725256

SWD Shell Albright Croft
 Farms 3407 15-1H

⊕ CROFT
 FARMS
 1-15

CROFT FARMS,
 INC. BY SUSAN E.
 CROFT, PRESIDENT

21

CROFT FARMS,
 INC. BY SUSAN E.
 CROFT, PRESIDENT

22

MARK L. REDELBERGER
 AND JANICE L.
 REDELBERGER

Shell Gulf of Mexico Inc.

KANSAS
 HARPER COUNTY
 T34S - R7W SEC. 15

Shell Albright Croft Farms 3407 15-1H

0 1,000
Feet

October 7, 2011	E. Gilbertson - 4105 B	by Eric Gilbertson
ShellAlbrighCroftFarms3407_15-1H.mxd		UTM 14N - NAD27 - US Feet

1,910,000

98°4'0"W

1,915,000

37°5'0"N

37°5'0"N

13,465,000

13,465,000

December 12, 2011

DAMONICA PIERSON
Shell Gulf of Mexico Inc.
150 N DAIRY-ASHFORD (77079)
PO BOX 576 (77001-0576)
HOUSTON, TX 77001-0576

Re: Drilling Pit Application
ALBRIGHT CROFT 3407 15-1H
SW/4 Sec.15-34S-07W
Harper County, Kansas

Dear DAMONICA PIERSON:

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 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.