





1071641

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

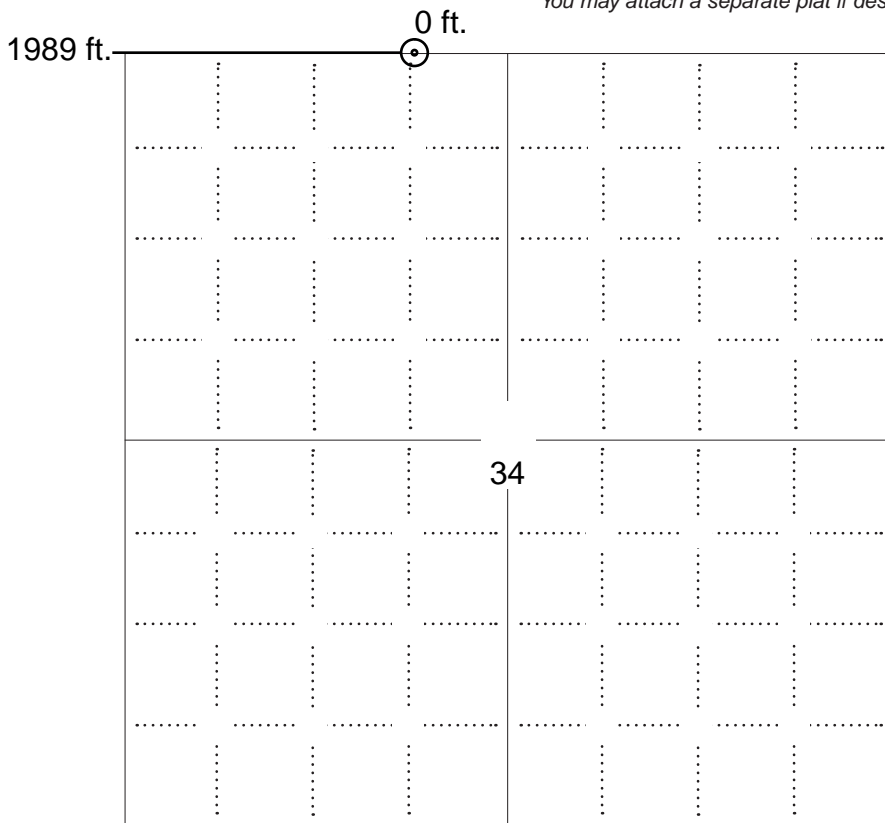
Is Section:  Regular or  Irregular

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

Section corner used:  NE  NW  SE  SW

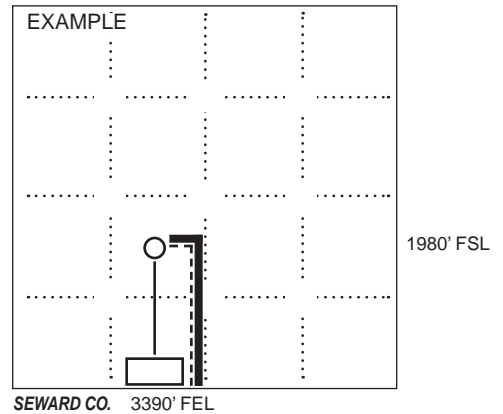
### PLAT

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.



KANSAS CORPORATION COMMISSION 1071641  
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>			

**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

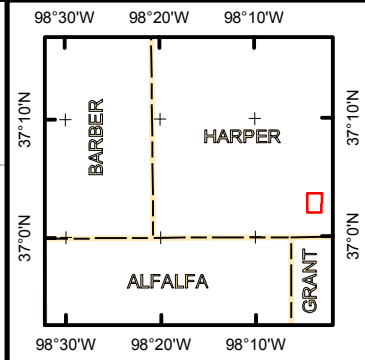
1,910,000

98°40'W

1,915,000



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



28

27

SHARYL R.  
DAVIS, A  
SINGLE PERSON

T34S - R7W

Shell Davis  
3407 27-1H

NAD27 State Plane Kansas South  
Lat: 37.180909 X: 1975194.307  
Lon: -98.58514 Y: 187256.3489

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

SHARYL R.  
DAVIS, A  
SINGLE PERSON

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

ALBRIGHT  
1-35

SALLIE CARR 1  
⊙

33

34

CHARLES  
REDFERN, A  
SINGLE MAN

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

35

NAD27 State Plane Kansas South  
Lat: 37.037302 X: 2126785.602  
Lon: -98.065671 Y: 135251.5406

BHL

Shell Gulf of Mexico Inc.

KANSAS  
HARPER COUNTY  
T34S - R7W SEC. 27, 34  
Shell Davis 3407 27-1H



November 7, 2011 E. Gilbertson - 4105 B by Eric Gilbertson  
ShellDavis3407\_27-1H.mxd UTM 14N - NAD27 - US Feet

13,455,000

37°30'N

13,450,000

37°20'N

13,455,000

37°30'N

13,450,000

37°20'N

1,910,000

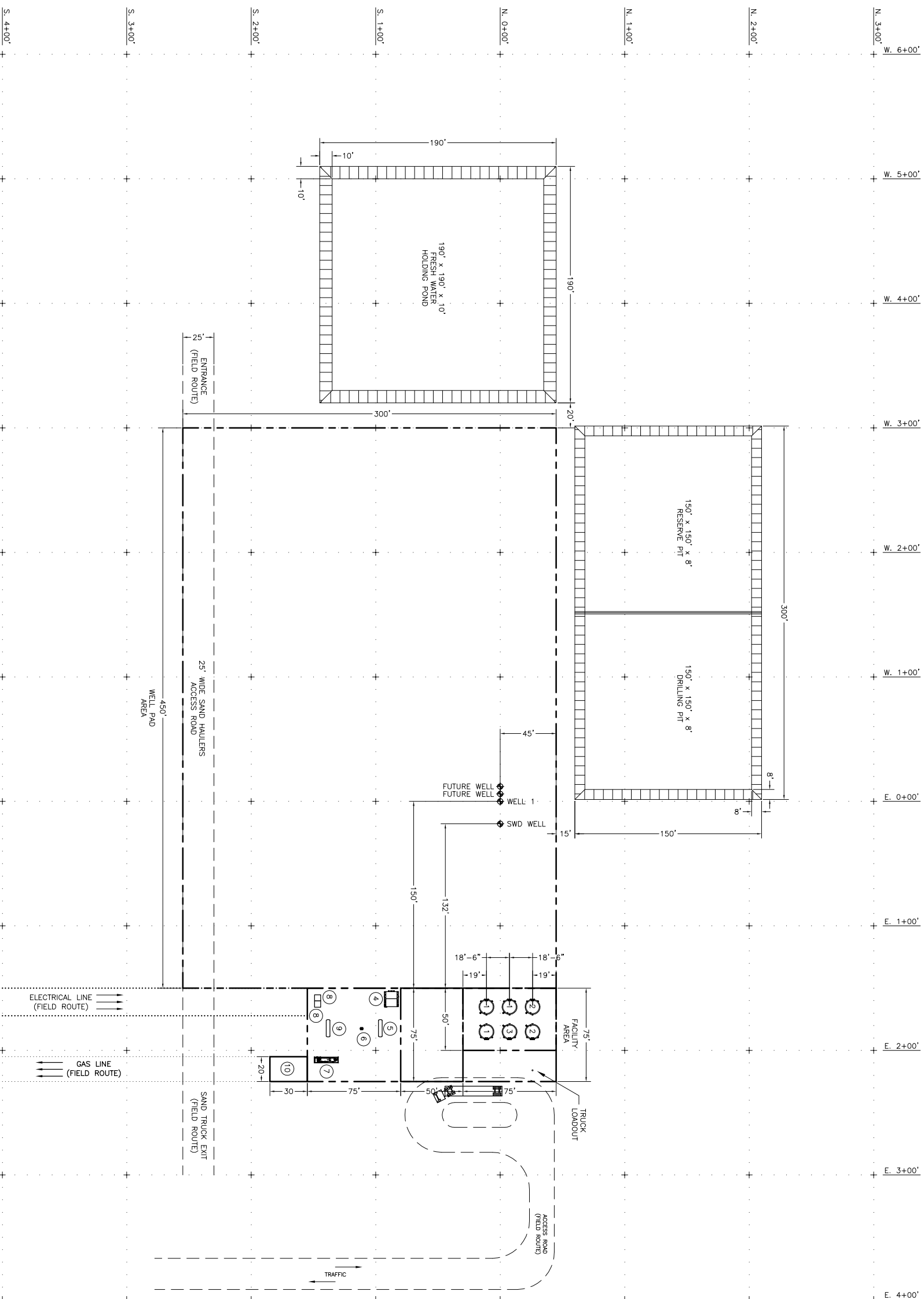
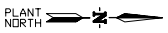
98°40'W

1,915,000

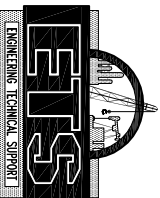
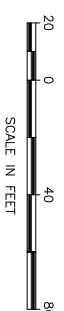
4

3

T35S - R7W



- 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				ENGR	ENGR			ARROWHEAD DEVELOPMENT			
CONST				PRELIM.	ENGR			HARPER COUNTY, KANSAS			
HSAE				APPROVAL	ENGR			ENGR: WA JONES			
				ISSUED FOR APPROVAL	ENGR			DATE: 08/20/11			
				DESCRIPTION	ENGR			SCALE: 1" = 40'			
				BY	ENGR			KS-1000-MX-4024-0001			
				APP'D	ENGR			A			

# T34S, R7W, 6th P.M.

## SGOMI

Well location, DAVIS 3407 #27-1H, located as shown on the Line Between the SE 1/4 SW 1/4 of Section 27 and the NE 1/4 NW 1/4 of section 34, 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.

1/2" Rebar, 0.3' Below Ground, Steel Post

5/8" Rebar, 0.4' High, Fence Corner

N89°36'31"W - 2656.36' (Meas.)

See Detail "A" @ Below Right

DAVIS 3407 #27-1H  
Elev. Ungraded Ground = 1403'

Formation Entry

N01°14'59"W - 5263.03' (Meas.)

330' SETBACK

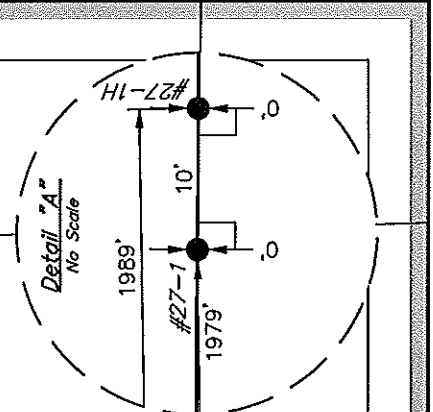
UNIT BOUNDARY

NORTH - 5280.00' (G.L.O.)

LINE	BEARING	LENGTH
L1	S33°13'22"E	605.62'

501°14'59"E  
4406.37'

34



Detail "A"  
No Scale

#27-1H  
10'  
1979'

1989'

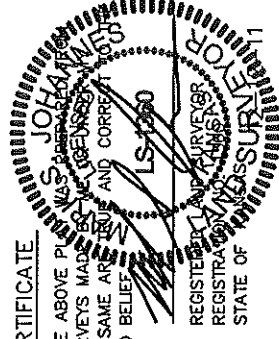
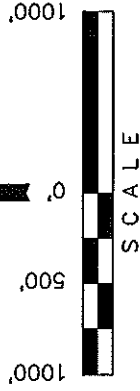
Spike, 0.1' Below Ground, In Road Intersection

589°45'21"W  
2641.21' (Meas.)

5/8" Rebar, 0.4' High, E-W-N Fence

WEST - 2640.00' (G.L.O.)

T34S  
T35S



### CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PUBLISHED FIELD NOTES OF ACTUAL SURVEYS MADE UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED PROFESSIONAL SURVEYOR  
STATE OF KANSAS  
JAMES J. JOHNSON  
LS-1260

### LEGEND:

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

NAD_83 (TARGET BOTTOM HOLE)	NAD_83 (FORMATION ENTRY)	NAD_83 (SURFACE LOCATION)
LATITUDE = 37°02'14.71" (37.037419)	LATITUDE = 37°02'58.27" (37.049519)	LATITUDE = 37°03'03.28" (37.050911)
LONGITUDE = 98°03'57.67" (98.066019)	LONGITUDE = 98°03'58.83" (98.066342)	LONGITUDE = 98°04'02.92" (98.067478)
NAD_27 (TARGET BOTTOM HOLE)	NAD_27 (FORMATION ENTRY)	NAD_27 (SURFACE LOCATION)
LATITUDE = 37°02'14.62" (37.037394)	LATITUDE = 37°02'58.18" (37.049494)	LATITUDE = 37°03'03.19" (37.050886)
LONGITUDE = 98°03'56.44" (98.065678)	LONGITUDE = 98°03'57.60" (98.066000)	LONGITUDE = 98°04'01.69" (98.067136)

UINIAH ENGINEERING & LAND SURVEYING	DATE SURVEYED:	DATE DRAWN:
85 SOUTH 200 EAST - VERNAL, UTAH 84078	11-05-11	12-09-11
(485) 789-1017	REFERENCES	
	L.S. K.H. C.C.	G.L.O. PLAT
	WEATHER	FILE
	COOL	SGOMI
SCALE 1" = 1000'		
PARTY		

**Davis 3407 27 1H Unit**

Unit will consist of all of Section 34-34S-7W, Harper County, Kansas.



January 18, 2012

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  
Davis 3407 27-1H  
NW/4 Sec.34-34S-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 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.