

SAMUEL GARY JR. & ASSOCIATES, INC.
SHUBERT LEASE
SW. 1/4, SECTION 30, T11S, R21W
NW. 1/4, SECTION 31, T11S, R21W
TREGO COUNTY, KANSAS

Surface Location
Shubert #1-31H (Alt. 2)
539'FSL 430'FWL (Sec. 30)
Ground Elevation = 2307

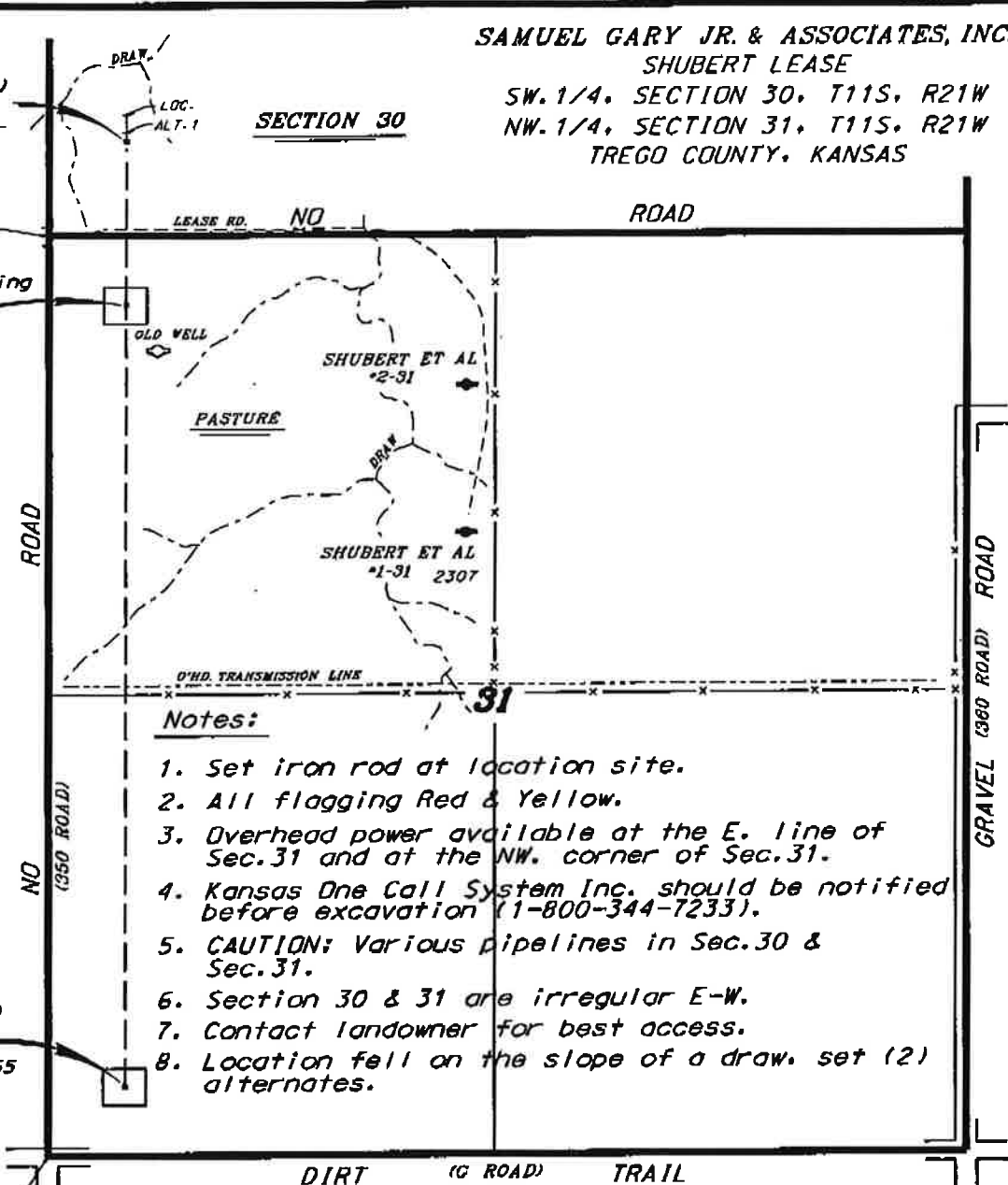
Y = 269599 X = 1516659
State Plane-NAD 27-Kansas North
(Mapping Grade GPS Used)
NW. Corner Sec. 31
Y = 269072 X = 1516206

(Set Nothing)
Start of Production String
400'FNL 430'FWL
Y = 268655 X = 1516614

*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.

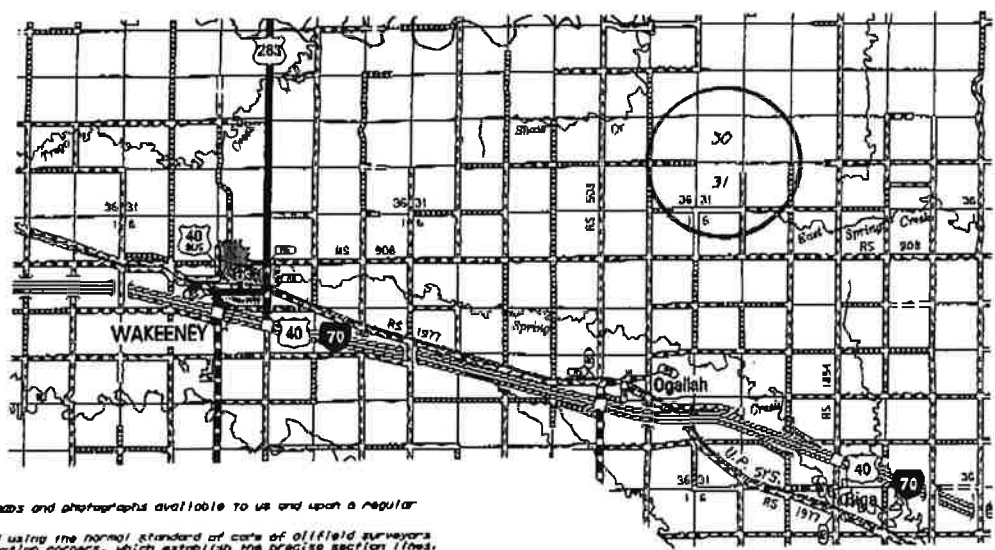
(Set Nothing)
Bottom Hole Location
400'FSL 430'FWL
Y = 264172 X = 1516465

SW. Corner Sec. 31
Y = 263784 X = 1516021



Notes:

1. Set iron rod at location site.
2. All flagging Red & Yellow.
3. Overhead power available at the E. line of Sec. 31 and at the NW. corner of Sec. 31.
4. Kansas One Call System Inc. should be notified before excavation (1-800-344-7233).
5. CAUTION: Various pipelines in Sec. 30 & Sec. 31.
6. Section 30 & 31 are irregular E-W.
7. Contact landowner for best access.
8. Location fell on the slope of a draw, set (2) alternates.



Controlling data is based upon the best maps and photographs available to us and upon a regular section of land containing 640 acres.

Appropriate 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 drill site location in the section is not guaranteed. Therefore, the operator securing this service and accepting this plat and all other parties relying thereon agree to hold Central Kansas Oilfield Services, Inc., its officers and employees harmless from all losses, costs and expenses and hold entities released from any liability from incidental or consequential damages.

Elevations derived from National Geodetic Vertical Datum.

Date April 3, 2013