

Spudding well Tuesday, February 17, 1981

GEOLOGICAL LETTER OF INSTRUCT.

TO: Abercrombie Drilling Co., 801 Union Center, Wichita, Ks. 67202 (316)262-1841

OPERATOR: Foxfire Exploration, Inc.
1103 Douglas Bldg., Wichita, Kansas 67202 (316) 265-6296

WELL NAME: No. 3 Flagler ELEV.: 2346 G.L. 2351 K.B.

LOCATION: NE NW NW 33-11S-22W

COUNTY: Trego STATE: Kansas EST. SPUD DATE: 2-17-81

SURFACE PIPE: 8 5/8" at 300' with 200 sx

DRILLING TIME: Log 1' drilling time from 1760 to 1860 .
Log 1' drilling time from 3350 to TD .

SAMPLES: Save 10' samples from 3350 to 3550 .
Save 5' samples from 3550 to TD .

Wash, dry and tie samples in bundles or 10 sample sacks.

MUD: Mud program will be handled by Mud-Co
Driller or pusher will verify all mud deliveries to location and sign ticket.

CEMENT: Allied Cementing Co.

EXPECTED/ACTUAL FORMATION TOPS.		COMPARISON WELL-LOG 1/2 MI. EAST	
1790 (+561)	()	Anhydrite Top	1795 (+556)
1835 (+516)	()	Anhydrite Base	1840 (+511)
3357 (-1006)	()	Topeka Lime	3362 (-1011)
3573 (-1222)	()	Heebner Shale	3578 (-1227)
3593 (-1242)	()	Toronto Lime	3598 (-1247)
3610 (-1259)	()	Lansing Lime	3615 (-1264)
3851 (-1500)	()	Base of K. C.	3856 (-1505)
3935 (-1584)	()	Marmaton	3940 (-1589)
3951 (-1600)	()	Marmaton Pay Zone	3456 (-1605)
3987 (-1636)	()	Conglomerate (Chert)	3992 (-1641)
4035 (-1684)	()	Arbuckle Dolomite	4040 (-1689)
()	()	Total Depth	4065 (-1714)
()	()		()
()	()		()
()	()		()

Comparison well Foxfire No. 1 Flagler C W/2 NW NW 33-11S-22W

Have mud in shape for good sample recovery by 3350

Have mud in shape for possible DST by 3600 .

Suggest mud viscosity 40-42°, water loss about 9-10

> Strap pipe on last trip before 3350 , or on 1st DST.

Phone daily report to Foxfire (316) 265-6296. Weekends (316) 681-2955

Call geologist when drilling at 3450 . Stop at 3650 if geologist not at rig.

Catch and save wet and dry samples from 3600 until geologist arrives.

Save wet samples for geologist from then on at his discretion.

GEOLOGIST Roger W. Haag Home: ~~(316) 689-5995~~ Office: ~~(316) 265-6296~~

ALTERNATE Donald C. Marchant Home: ~~(316) 681-2955~~ Office: ~~(316) 265-6296~~

CHIEF GEOLOGIST Donald C. Marchant Home: ~~(316) 681-2955~~ Office: ~~(316) 265-6296~~

Geologist will leave his motel address at rig.

LOCATION: Three miles north of Ogallah exit, two miles west, two miles north,
then east to location

February 17, 1981
(Date)

GEOLOGIST Roger W. Haag
Roger W. Haag

FEB 18 1981