A-51

STATE: KANSAS	COMPANY: Jomilson
COUNTY: SEWARD	FARM: Light Estate "B" WELL NO. 1
BLOCK	SURVEY
SEC. 11	6342 TOTAL DEPTH
T 35 S R 32 W	
	COMMENCED
	COMPLETED
ALTITUDE 2748	REMARKS: S 5 W
PRODUCTION 3000 oil + 49,500,000 gas 24 hrs	

CASING RECORD

SHOT	QUARTS	BETWEEN

FORM 186 - In stock and for sale by Ross-Martin Co., Tulsa

2100
2200
2300
2400 — Spls. Strt. 2400'; wh. + gray anhydrite with intercalated brn sh.
2500 — Hollenberg 2538; g-bf, dsc, mottled, selenitic dolo; gray anhydrite; dolomite, same as above; tan sac. dolo
2600 — tan to bf, suc. ay dolo; gbf, suc. ay dolo; tan to bf suc ay dolo.; good pp. on tan to bf mottled suc. dolo.
2700 — tan to bf, suc. ay dolo; pp. por. in cream suc. dolo.; g, dull op. in part
2800 — c-g, suc. dolo.; pp. por in gbf suc. dolo; Florence 2880; gbf, f. gran, fos. dolomitic; oocastic porosity in part; g, dull op. fusulinid ∆ in g, f. fos. lst
2900 — g, f. gran. dolomitic lst. sl. gritty ∆y; bn, g, d-f, fos.; c-g, d-f.; Wreford 2982; c-gbf, d-f gran. ∆y, dolomitic
3000 — eg, d-f; "; gf, c-sf, f fos.; g, d-f.; Chase Fusul. Zone 3090; c-tan, f. gran, dolomitic lst; c-gbf, d-f fos.; N 3123; gf, fos. ∆y, fairly oo. lst; c-tan, f. gran. dolomitic lst; c-gf, fos. ∆y, fusulinids; c-tan, d-f, fos.
3100
3200 — lt tan, por, ooc, dolomitic lst; tan to g, d-f. ∆y, dolomitic + porous in part; fusulinids; schist ooc. por.; g-bf, d-f, fos.; tan f. gran. dolomitic lst
3300 — c-g, d-f; g, dsc; c-tan, d-f.; gf, c-sf, subr, micac, sst.; bn-g, dsc. sli ∆y
3400 — c-bf, d-f, fos.; lt-g, f. gran. finely arenaceous lst; bn-g, d-f.; g, micac, calc. sh.; gf, fos.
3500 — c-g, d-f.; g, d-f.; g-brn d-f, fos; sli. ∆y in part; g, calc. sh & marl.; g-bf, d-f, fos.
3600 — c-gbf, d-f, fos; c-g, d-f.; g-bf, f-fos. ∆y. Fusulinids mottled + pseudo-ool. in part; gf, fos. pp. por. Fusulinids; bf, g, d-f, fos. ∆y
3700 — g, calc. sh.; bf to brn, f fos. sl. ∆y lst; bf to brn, c-f & marl; c-gbf, f fos.; "; g, micac, sli gritty sh
3800 — g-brn f-fos. ∆y; g-bf, fos.; g, gritty, micac, calc. sst; g-bf, f fos. sli ∆y; "; g-bf, d-f.; g, calc. sh.; g, f. fos.
3900 — g, calc. sh.; gf, micac sh.; c-g, d-f.; g-bf, f.; "; bf to brn, d-f.; bf granular marl & sh; g, sli gritty calc. sh.; g, sli gritty micac, calc. sh.; gbf, d-f.; gf calc. micac. sh.; brn, d-f sh; g, calc. silty, micac sst; g, gritty micac. sh.; g, gritty micac marl.
4100 — g-bf, mottled f. fos.; g-bf, d-f.; rust to dk. g, micac. sh.; brn, mottled fos. lst; gf, g, d-f, mottl. sh; bf, g, d-f.; g-bf, f, mey sh.
4200 — g, calc, micac. sh.; bf to brn. f. fos. shaley lst; gf, calc, micac. sst; bf, d-f, silty lst; g, micac. sh.; brn. f. gran. silty lst.
4300 — med to dk. g, micac. sh.; bf to brn, f fos. shaley lst; med. to dk. g, micac. sh.; blk. sh; Hbnr Sh ? 4354; dk. g, sh; sli. to dk. g, micac. sh.; gbf, sli. silty micac. calc. sh
4400 — dk. g to blk. sh.; bf to brn. d-f.; gbf, d-f.; c-g, d-f, fos; f. gran + dolomitic in streaks
4500 — c-g, d-f.; g, d-f, fos. ∆y; g-bf, d-f, ∆y, sli. ooc. por.; g, sdy, micac. sh.; g-bf, d-f, sli. ∆y lst.; LS ? 4547
4600 — lt. g, dsc; g-bf, d-f.; bf to brn, d-f. dk. brn. ∆; g-bf, d-f; g, d-f, ∆y; gbf, d-f, ∆y
4700 — g-bf, por, ooc. lst. sli. ∆y; g, d-f, ∆y in part; bf to brn. f fos.; g-brn, d-f, ∆y
4800 — g-bf, d-f, ∆y; c-g, d-f, ∆y; g-bf, dsc; g, por, ooc. lst
4900 — g, d-f.; g, d-f, ∆y; dk. g, sh; bf to brn, d-f, sli. ∆y lst.; g-bf, d-f, ∆y
5000 — c-g, d-f, ∆y; c-gbf, d-f, ∆y; g, f fos, scat ooc. por.; gbf, d-f, ∆y
5100 — g-brn, f. fos. sli. ∆y; g-bf, por, ooc. lst.; bf to brn, d-f; lt. brn, f. gran, dsc. ∆y; bf to brn; dk. g, to blk. sh; brn, d-f.
5200 — tan to brn. d-f; dk. g, sh; bf to brn, d-f.; brn, dsc; g-brn, d-f, fos.; "; lt. g to brn, dsc ∆y
5300 — lt. g, f-f, ool. lst. sli. ∆y; c-g, d-f, fos. ∆y; dk. g, sh, tan to brn. d-f, sli. ∆y
5400 — "; g, d-f, ∆y; tan to bf dsc, sli. ∆y
5500 — g, d-f, ∆y; g-brn, d-f.; 5628; g-bf, d-f, ∆y; Cherokee Sh. 5618
5600 — g-bf, d-f, ∆y; g, calc. sh.; med to dk. g, calc. sh; bf to brn, d-f, fos.; dk. g, calc. sh.; dk. g, calc sh, lst interbedded with med to dk g. calc. sh.
5700
5800 — dk. brn, dsc ∆y lst; dk. g, sh; brn, dsc lst; lt. g to brn, d-f, sli. ∆y; dk. g, sh; c-gbf, d-f, fos.; g-brn, dsc ∆y; "; dk. g, to blk. sh; g-brn, dsc. ∆y
5900 — dk. brn, dsc; Altoka 5940; lt. g to brn, d-f; med to dk. g, sh; med to dk. g, sh, lt. streaks in gray shale; sub silty sh; oil stn + streaks in bf f-med sub calc sst; no good porosity; g sh
6000 — f-c to very coarse grained conglomeratic sh. spots good oil stn at top; gray, dull coarse-textured sh. with interbedded g, f to c. g. sub calc sst.
6100 — g, flakey micac, limey sh; g, f to c, x'ln, sandy fos. lst; phosphatic + glauconitic brn. f to c. x'ln. sdy fos. lst; gray flakey sli. sdy + limey sh; bf to brn, dsc to med x'ln oil stn; brn, sub translu. ∆
6200 — CHESTER; brn, dsc, pseudo-ool. lst; bf to brn, f to c x'ln fos. lst interbedded with gray sub silty sh; Mississippian 6175; gray to brn microcrystalline to c. x'ln fos, mottled pseudo ool. lst interbedded with sh as above
6300 — lt. g to bf dsc to med x'ln fos. lst; "; T.D. 6342
6400
6500