

S[#] 795 #1 A.B Thomas

Top Don (dry time) - 5300' anticipated @ 5289'

5370-80 10% Ch., tan to wh. ^{opag} transl. - 90% Lm., gr-tan, med. c xln w/some ch incl. and sl. foss.5380-90 10% Ch., tan to wh. ^{opag} transl. some vuggy fillings - 90% Lm., tan f-some med xln.; Tr Lm, brn, f xln, f. sdy w/ & qtz.

5390-5400 10% Ch. as above; 45% Lm., tan-brn, f-m xln; 45% Lm., brn, f xln, f. sdy w/ & qtz.

lith color
5400-10 10% Ch. w/ Tr tan trash to opag. appears to be nodules in Lm
90% Lm. wh to vlt. tan, med. Tr sl. silty. w/ c. med qtz.

5410-20 10% Ch. tan to wh transl-opag 10% Lm, tan f xln w/some
silty w/ & sdy qtz and some med shale Tr Sh, grey silty
* Tr pyrite & glauconitic incl. in Lm.

Don 5420-25 100% Ss., wh to clear, f-med green, mostly sub &. Some
Tr clusters appear well emtd. w/ secondary xl growth
apparently.

5425-30 90% Lm, lt. tan - near wh, sdy w/ f-m. c sub-rnd qtz grading
to 60% Ss, f-m. c. calc w/abund Lm emtd. (loose grains prot.
"boiled out" of matrix - could be small part same as above
f-sorted apparently altho more "worked" sand. Tr pyrite

Tr Lm as above
5430-35 100% Ss., wh to clear, f-m-much cse, poorly sorted, loose in spl
except for few clusters. Quite a bit rnd to sub-rnd with much
manipulated second xl growth.

Best looking?
5435-40 100% Ss, clear loose, ^{mostly} f-m - Tr cse poorly sorted some silt-
silt, mostly & w/ Tr phosph and sh. incl Tr Sh, gr

5440-43 (Conn.) 100% Ss as above Many clusters of f-vf, well emtd sil. ss.

Tr gauge incl 1 pc. free sulphur Tr ch tan opag.

* GAUGE GAS ON CONN 114/10 thru 2" wtr approx 450 Mcfpd

5443-50 100% Ss as above Some 4uor.

- 5450-60 100% Ss as above only sl Tr flucor.
- 5460-70 100% Ss, gray-11gr, f-vf-some silt-size, sl. shaly very tight, sil. cont. Abundance of ss remaining as clusters.
- 5470-75 100% Ss, gr, vf to silt, v. well sil. cont. becoming somewhat calc. Many prograde and shale incl. Tr grains.
- 5475-80 100% Ss as above v. fine to fine grain, in. sil.
- 5480-85 100% Ss as above but becoming shaly, finer grain, and shalier.
- 5485-90 v. heavy Tr cont, low organic
30% - micro fine, most sil. is v. calc. up to 1/2" x 3/4", sl. to ss.
70% - ss, brn, v. fine to silt size, finely sil. cont., shaly, calc.
occasional m-calc grain, shaly.
- 5490-95 Tr cont, low organic
80% Sil, brn sil gr, fd, sh. shaly, extremely silty and - silty
10% Ss as above.

"Questionable"
Test Fisher Jennings.

Con. 11.2.
Thomas #1.

6100-15 100% Dol, brn, vf gran. - driller reports calciferous
6110-20 same

6120-30 Same w/ Tr clear Anhyd.

6130-35 same but tan

6140-50 same tan

6150-60 80% Dol, brn, vf gran - dms 20% Dol, v. drk gr, dms. highly arg granular
fr blk sh, calcareous.

6160-70 100% Dol, tan-brn, vf gran. Pyrite common Tr. Blk sh as above.

6170-75 100% Dol, tan to lt. graysh-tan, vf gran

6180-85 100% Dol, tan, vf gran w/ less iron and Dol. pherexls

6185-90 30% Anhyd. clear, 70% Dol, tan dms, w/ drk br to gr pseudo-crystals
and/or blk sh. inclusions.

*6190-75 Tr. chert, splintered, milky, translucent 20% Anhyd, clear 80% Dol, br to gr
Dms. vf gran anhydritic. V. sh Tr use Qtz gran. & (1)
and argillaceous

6200-25 Tr free Anhyd. 100% Dol, tan to brn, vf gran, anhydritic. * chert frag. may be crushed use.
6205-10 Dol as above some sandy sacrositic. scobles, but occur only in this spl.

6210-15 Tr free Anhyd. Dol as above.

6215-20 20% Anhyd. clear to tan; 80% Dol, brn-gr-brn, dms. anhydritic

6220-25 20% Anhyd. clear-tan 20% " " " "

6225-30 40% Anhyd. tan brn; 60% Dol, dms. vf gran, brn-tan, anhydritic

6230-35 Tr Chert tan, transl. to amber, fr. usp. 30% Anhyd. as above 70% Dol as above

6235-40 100% Dol, brn to gr-brn, vf gran to dms Tr. Sh drk brnsh-gr, soft.

6240-45 60% Anhyd. tan brn; 40% Dol, tan brn, dms, anhyd. sl argillaceous

6245-50 100% Dol, tan-brn, vf gran sacrositic Tr. Blk sh. partings

6250-55 100% Dol, brn-drk brn vf-f sacrositic Increase in free Anhyd.

6255-60 10% Anhyd. tan-brn 90% Dol, tan brn, dms anhydritic. Few blk sh partings.

6260-65 100% Dol, brn, dms. sub-litho, few sh partings Tr Blk sh.

635-1203

A.M.
OR
P.M.

COUNTY _____

TWP. _____ SEC. _____ RANGE _____

TYPE OF RIG _____

MUD WEIGHT _____

MUD VISCOSITY _____

CONTRACTOR _____

795

Commonwealth Gas Corp

Addie B Thomas et al

TYPE OF INDICATOR _____

WEIGHT ON DRILL PIPE _____

Whisper

R.P.M. ROTARY TABLE _____

DEPTH		ACTUAL DRILLING TIME		MINUTES PER	REMARKS	BIT NO.
FROM	TO	BEGAN	ENDED			
6265	70	100% Dol, lt. tan w/ granular calc; Heavy Tr. Blk. Sh, soft. Tr Qtz clear, crystalline				
6270	75	100% Dol, drk brn, dense to sub-dense, shaly argill, Tr Qtz x's as above.				
6275	80	100% Dol, drk brn, dense Num. pyrite incl. Tr Bronsh-gr Sh, soft.				
6280	85	80% Dol, lt. grayish-tan to tan, w/ gran - dens. 20% Sh, lt. gr to grnsh-gr, fairly soft				
6285	90	Same				
6290	95	100% Dol, tan to brn, w/ gran, sl. Anhydritic; Tr Sh gr				
6295	6300	100% Dol, brn, dens. to tan, w/ gran.				
*6300	10	10% Dol, tan - brn f gran; 30% Sh, dove gr to grnsh gr fairly soft. 60% Ss, loose, clear to frosted, rnd to sub-rnd. No clusters visible impossible to determine cmt. ϕ time ind. 55" break 6305-10				
6310	20	70% Dol, lt. tan, dens. "clean"; 10% Sh gr to grn-gr.				
6320	30	Dol, dove gr earthy dens w/ ill. grading to Sh, dove gr, calc, soft.				
6330	35	60% Dol, drk gr dens argill; 40% Sh, gr soft.				
* On conn. @ 6335' checked for gas. None to surface til "flash" when bottom air surfaced upon pumping. V. small show						
6335	40	70% Dol, w/ gr near wh, w/ gran - dens 30% Sh, grnsh-gr sl. pyritic.				
6340	50	100% Dol drk grnsh-brn, w/ - dens, sh argill & anhydritic				
6350	60	Same				
6360	70	Same w/ Tr lt. grn, waxy Sh				
6370	80	Same Dol only w/ sl Tr Sh & calc				
6380	90	Dol as above becoming more argillaceous and f. silty, con. anhydritic				
6390	6400	Same				

RECORD TIME TOUR IS CHANGED UNDER REMARKS.

ACTUAL DRILLING TIME IS TIME SPENT IN DRILLING THE DEPTH, SHUT DOWN TIME IS SPENT SHUT DOWN FOR REPAIRS, ROUND TRIPS, WATER, ETC. SHOW WHEN BIT IS CHANGED AND KIND OF NEW BIT. MENTION ROUND TRIPS IN REMARKS COLUMN. FILL OUT THIS FORM FROM TOP TO BOTTOM OF HOLE.