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Unit K Log #6965

|                                                                         |             |             |             |             |                   |
|-------------------------------------------------------------------------|-------------|-------------|-------------|-------------|-------------------|
| CONTINENTAL OIL CO. #4 St. Louis, Rocky Mtn. & NE 1/4 SW 1/4 17-29N-22E |             |             |             |             |                   |
| COMPANY.                                                                |             | Pacific Co. |             | S T R       |                   |
| Loc.                                                                    | 1770' fr. S | L           | 1880' fr. W | L           | County Colfax     |
| Spud.                                                                   | 8-15-54     | Comp.       | 11-21-54    | Field       | Wildcat           |
| T.D.                                                                    | 4709        | P.B.        | T.Pay       | CSG. RECORD |                   |
| I.P.                                                                    | D&A         | P&A         | 1/14/55     | ccc         | Size Depth Sax    |
|                                                                         |             |             |             |             | 13-3/8 214 148    |
| Perf. 2820-2826 w/36 holes. Attempted to                                |             |             |             |             | 5-1/2 2874 200    |
| Dowell sand-frac. Formation too tight to frac.                          |             |             |             |             |                   |
| Set bridging plug @ 2814.                                               |             |             |             |             |                   |
|                                                                         |             |             |             |             | Tbg. at           |
| Perf. 2792-2806 w/64 holes. Sand-fraced. 1st.                           |             |             |             |             | FORMATION RECORD  |
| frac w/2500 gals. w/3/4# sand/gal. 2nd job                              |             |             |             |             | Elev. 6542'       |
| w/5000 gals. w/5200#. After 1st frac job                                |             |             |             |             | T. Pierre Surf    |
| (2792-2806) swbd. 4 BO & 8 BWPD. After 2nd                              |             |             |             |             | T. Apishipa 1600  |
| frac job swbd. 8 BW (salty) PH.                                         |             |             |             |             | T. Timpas 2360    |
|                                                                         |             |             |             |             | T. Carlile 2447   |
| Rotary tools: 0-T.D.                                                    |             |             |             |             | T. Greenhorn 2550 |
|                                                                         |             |             |             |             | T. Graneros 2592  |
|                                                                         |             |             |             |             | T. Dakota 2760    |
|                                                                         |             |             |             |             | T. Morrison 2978  |
| OVER                                                                    |             |             |             |             | T. Todilto 3280   |

CONTINENTAL OIL CO. #4 St. Louis, Rocky Mtn., & 17-29N-22E (3)  
Pacific Co.

## CORE #2 - 2782-2795' Rec. 11'6"

- 2' Ss., wh., f. g., well sorted, well cem., well r.,  
qtzose, sl. qtzitic., sl. por. hd. wet, few sh.  
partings.
- 1' Ss., as ab., spotty oil st., pale yel-grn. fluor.,  
good odor on fresh fracture, quickly dissipated.
- 8 1/2' Ss., as ab., m. to f. g., hd., sl. por., wet, sl.  
qtzitic., w/few sh. partings.

## CORE #3 - Rec. 50' 2793-2843'

- 27' Ss., f. to m. g., hd., por., well sorted, well r.,  
some cross-bedded, v. good odor, bleeding free oil.
- 7' Ss., m. g., soft, por., well sorted, well r., fair  
to good odor, staining.

TOPS CONTINUED: Entrada 3318, Chinle 3354, San Andres 3600, Glorietta 3737, Sangre de Cristo 3941, Madera 4248, Intrusive 4602.

DST #1 - Set packer @ 1919'. P.B.T.D. 2001'. Open 1 hr. Very slight blow for 12 min. Reset packer. Open 30 min. SI 20 min. Rec. 20' mud. FP 0; SIP 0; HP 920#.

DST #2 - Set packer @ 2771'. T.D. 2793'. Open 2 hrs. SI 30 min. Rec. 20' of drlg. mud. Slightly wtr. cut. FP 0; SIP 80#; HP 1350#.

DST #3 - Set packer @ 2793'. T.D. 2843'. Open 3 hrs. SI 30 min. Light blow for 1 hr. & 30 min. Slight blow by heads for remainder of test. Rec. 195' of slightly high gty. oil cut mud. FP 0; SIP 190#; HP 1380#. There is a possibility that the tool was plugged.

CORE #1 - Rec. 7' - 2775-2782'

- 1' Ss., wh., m. g., well r., well sorted, well cem. qtz. g., hd., sl. por., sl. wet,, gassy odor on fresh surf., few pyr. concretions & styl. partings, sl. oil st.
- 6' Ss., wh., m. to f. g., cross-bedded, well cem., sorted, well r., qtz. g., hd., sl. por., sl. gassy odor, dry. Styl. parting.

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CORE #4 - 2843-2893' Rec. 36'

- 25' Ss., f. to m. g., gr., s&p, hd. & tight to hd. & sl. por., well sorted, few thin sh. breaks, pyr. nod. & carb. inclusions. Wet w/brackish water.
- 8' Sh., blk.
- 1' Ss., v. soft, chalky gr., clayey, nearly unconsolidated, poorly sorted, tight, fri. No shows.

CORE #5 - 2893-2916' Rec. 23'

- 23' Ss., wh., f. g., well sorted, hd. to soft, por. to v. tight, few pale grn. waxy sh. breaks & pale grn. sh. inclusions. Wet.

CORE #6 - 2916-2948' Rec. 32'

- 32' Ss., wh., f. g., well sorted, hd. to soft, por. to v. tight, few pale grn. waxy sh. breaks & pale grn. sh. inclusions. Wet.

CORE #7 - 3120-3170' Rec. 50'

- 8' Sh., gr-grn., hd. salty.
- 3' Qtzite., grn., pyr.

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CORE #7 Cont.

- 3' Sh., grn., waxy.
- 8' Sltst., grn., shly., hd., v. tight, sdy. in spots.
- 14' Sh., red, brn. & grn. var., hd., slty in part, some waxy.
- 4' Ss., gr-grn., hd., tight, qtzitic., v. f. g., few scattered grn. ch. inclusions.
- 10' Sh., red, grn. & reddish-brn. var. Silty in part, some waxy.

CORE #8 - 3172-3221' Rec. 49'

- 1' Sh., gr., hd., silty
- 5' Ss., gr-grn., v. hd., tight, v. f. g., well sorted, qtzitic.
- 9' Sh., vluish-gr. & red var., hd.
- 15' Ss., hd., tight, f. g., well sorted, qtzitic., gr-grn. Bottom 1' w/grn. sh. inclusions.

CORE #8 Cont.

- 4' Sh., gr., hd., silty
- 12' Ss., gr-grn., v. f. g., v. hd., tight, well sorted,  
qtzitic, some w/thin sh. inbds., m. g. near base.
- 3' Qtzite., tan, extremely hd., f. g.

OTHER INFORMATION: Ftg. 2320' FSL & 1780' FWL; P.B. 2950;  
Elev. 6537' DF; Tops: Timpas 2200, Green-  
horn 2380, San Andres 3625, Penn. 4330,  
Metamorphic Sh 4550.

*Samples: 40-4709*