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Attachment #2 - 9-330

Gulf Oil Corporation - Federal Lee "J" #1-J, Sec. 18-24S-26E, Wilcoast, Edg. Co., TN, N.

ARTESIA OFFICE

DEVIATIONS - TOTCO SURVEYS

1/8 - 100'	2-1/2 - 1750'	3 - 3126'	3 - 6210'
1/8 - 158	2-1/2 - 1815	2-3/4 - 3221	2-3/4 - 6300
1/2 - 242	2-1/4 - 1875	2-3/4 - 3347	2-3/4 - 6600
3/4 - 300	2-1/2 - 2001	3 - 3410	2-1/2 - 6810
1 - 360	2-3/4 - 2055	2-3/4 - 3470	2-1/4 - 7135
3/4 - 428	3 - 2127	2-3/4 - 3550	2-1/4 - 7535
3/4 - 491	3 - 2180	2-3/4 - 3655	2 - 7915
1/2 - 553	3-1/4 - 2285	2-1/4 - 3755	2-3/8 - 8390
1/2 - 615	3 - 2346	2 - 3989	1 - 8805
1/2 - 670	3-1/2 - 2378	2 - 4037	1-1/4 - 9055
3/4 - 741	3-1/4 - 2441	1-3/4 - 4130	1-1/2 - 9159
1-3/4 - 834	3-1/4 - 2500	1-1/2 - 4380	2 - 9250
1-3/4 - 865	3 - 2560	1-3/4 - 4640	1-3/4 - 9340
2 - 929	3 - 2625	2-1/4 - 4845	2 - 9420
2 - 1023	3 - 2690	2-3/4 - 4986	1 - 9510
1-3/4 - 1085	3-1/4 - 2754	3 - 5046	1-1/4 - 9645
1-3/4 - 1115	3 - 2810	3 - 5130	1-1/2 - 10,075
1-3/4 - 1208	3-1/2 - 2878	3 - 5267	3/4 - 10,659
2 - 1376	3-1/4 - 2909	3 - 5330	1 - 11,000
2 - 1439	3 - 2972	3 - 5404	1 - 11,140
2-1/4 - 1628	3 - 3062	2-3/4 - 5890	1 - 11,530
2-1/4 - 1690			1-1/2 - 11,960

DRILL STEM TESTS

No. 1 10,535-610'. Misrun.

No. 2 2 hr Howee, 11,757-11,807' Penn (Morro sand). 1800' WB. 1" surf ck, 5/8" bottom ck at 11,727'. Tool open w/strong blow, gas to surf in 20 min, 24 hr rate 500 MCF. No fluid to surf. Rec 1800' WB & 200' GCDM. HP in 6870#. HP out 6870#. 30 min IBHP 4910#. IFP 675#. 30 min FBHP 3670#. Temp 179 deg @ 11,734'.

No. 3 11,916-11,126'. Misrun.

No. 4 11,821-12,104' lower Penn. 1 1/2 hr Howee. 1" surf choke, 5/8" bottom ck at 11,800'. Tool open w/weak blow air. Rec 2000' GOWB & 790' hvy GCDM. HP in 7130#. HP out 7100#. 30 min IBHP 4940#. IFP 1310#. FFP 1520#. 30 min FBHP 4520#. Temp 168 deg at 12,100'.

No. 5 11,026-11,086' Misrun.

No. 6 10,900-10,960' Misrun.

No. 7 11,025-11,085' Misrun.

No. 8 11,027-11,072' Penn. 1 hr Howee. 1" surface ck, 5/8" bottom ck at 11,004'. 4015' WB in DP. Tool opened w/weak blow air thruout test. Rec 4015' WB, 360' GCDM. HP in 6585#. HP out 6585#. 60 min IBHP 6015#. IFP 2070#. FFP 2115#. 30 min FBHP 5555#. Temp 170 deg at 11,068'.

No. 9 9274-10,154' Wolfcamp. 1 hr Howee. 1" surface ck, 7/8" packer set inside 7-5/8" casing liner. Tool open w/weak blow air thruout test (no gas). Rec 1050' WB, 3816' GCDM. HP 5475#. 30 min IBHP 5405#. IFP 1515#. FFP 1975#. 30 min FBHP 2775#. Temp 156 deg at 9295'.

No. 10 9582-10,154' Wolfcamp. 1 hr Howee. 1" surface choke. Tool open w/fair blow air. Gas to surface in 20 min. Pulled pkr loose & ran DP to 10,154'. Dropped bar inside DP & opened circ sub. Girs out OC sand. HP 5695#. 41 min IBHP 5480#. IFP 1205#. FFP 1445#. 61 min FBHP 3510#. Temp 156 deg at 9600'.