

Attachment - C-105

Gulf Oil Corporation - Monument Unit No. 1-F, Sec. 19-19-37, Wildcat

DEVIATIONS - TOTCO SURVEYS

1-1/4 - 300'	1/4 - 3565	1-3/4 - 7450
1 - 400	1 - 3907	1-1/2 - 7875
1/2 - 690	1 - 4055	1-1/2 - 8130
1/4 - 965	1 - 4095	1-1/2 - 8485
1/4 - 1250	3/4 - 4280	2 - 8745
0 - 1850	1 - 4720	2 - 8945
1-3/4 - 2220	3/4 - 5075	2 - 9135
2 - 2340	1 - 5250	1-1/2 - 9320
1/2 - 2540	1-1/4 - 5500	2-1/2 - 9560
3/4 - 2630	1-1/2 - 5735	2 - 9675
1-1/2 - 2810	2 - 5970	1-3/4 - 10,000
1-3/4 - 2985	1 - 6128	2 - 10,070
1-1/2 - 3045	1-1/4 - 6220	1-3/4 - 10,315
1 - 3145	1-3/4 - 6385	1-3/4 - 10,585
1-1/2 - 3275	1-3/4 - 6610	1-3/4 - 10,670
1-1/2 - 3350	2 - 6791	1-1/2 - 10,720
1 - 3435	2 - 7028	1-1/2 - 10,860

DRILL STEM TESTS

No. 1, 5298-5430', Paddock. Strong blow air throughout test. Rec 3285' sulphur wtr, no show oil. HP 2505#. IFP 370#. FFP 1148#. 30 min IBHP 1875#. 30 min FBHP 1740#.

No. 2, 5455-5505', Paddock, 4 1/2" DP, 1-1/8" surf ck, 5/8" bot ck. Gas to surface ~~in 50 min~~ 50 min. Rec 650' sulphur wtr w/ ~~50~~ trace oil. HP 2510#. IFP 230#. FFP 595#. 30 min IBHP 2058#. 30 min FBHP 2058#.

No. 3, 5695-5745', Lower Paddock. Weak blow air 30 min & dead 30 min. Rec 210' DM. IHP 2728#. FHP 2728#. IFP 90#. FFP 135#. 30 min IBHP 310#. 30 min FBHP 232#.

No. 4, 5840-5878', Paddock. 4 1/2" DP, 5/8" surf ck, 5/8" bot ck. Weak blow air to surf. Rec 75' DM & 325' sl O&G mud cut w/ sulphur wtr. HP 2730#. IFP 45#. FFP 138#. 30 min IBHP 2315#. FBHP 1460#. Temp 112 deg at 5867'.

No. 5, 5900-5975', Blinbry. 4 1/2" DP, 1/2" surf ck, 5/8" bot ck. Tool opened with fair blow air, gas to surf in 90 min, TSTM. Rec 186' hvy gas cut dark mud, 282' hvy oil & gas cut SW, 20% oil & 80% wtr, 914' SW sl gas cut w/hvy trace of sulphur. HP 2735#. IFP 302#. FFP 873#. 30 min IBHP 2012#. FBHP 1785#. Temp 116 deg at 5971'.

No. 6, 8202-8221', Penn. Tool opened w/wk blow air 23 min & died. Rec total 767' fluid in 4 1/2" DP, 677' DM, 30' sulphur wtr cut mud & 60' sulphur wtr, no show oil. HP 3790#. IFP 142#. FFP 240#. 30 min IBHP 3275#. 30 min FBHP 3275#.

No. 7, 8440-8496', Penn. Tool opened w/good blow air. Rec 2820' fluid in 4 1/2" DP, 1115' DM & 1705' sulphur wtr, no show oil. HP 3920#. IFP 865#. FFP 1478#. 15 min IBHP 3005#. FBHP 2040#.

No. 8, 8175-8755', Dev. Tool opened w/wk blow air. Rec 570' fluid, 30' free mud oil, 150' oil & wtr cut mud & 390' very sl oil & mud cut salty sulphur wtr. HP 4035#. IFP 130#. FFP 300#. 30 min IBHP 3560#. FBHP 3560#. Temp 127 deg.

No. 9, 10,010-10,039', Montoya. Tool opened w/wk blow air 8 min & dead throughout remainder of test. Rec 4' DM in 4 1/2" DP. HP 4564#. IBUP 90#. 30 min FBUP 90#. IFP 44#. FFP 44#.

No. 10, 10,560-10,610', McKee. Opened tool w/very wk blow air 8 min & dead remainder of test. Rec 155' DM & 155' SW. HP 4660#. IFP 80#. FFP 100#. 30 min IBHP 3900#. FBHP 3275#.

No. 11, 10,815-10,874' Ellenburger. Tool opened w/very wk bubble air & died. Rec 10' DM, no show. HP 5115#. IFP 45#. FFP 45#. 30 min IBHP 110#. FBHP 70#.

No. 12, 10,873-10,931', Ellenburger. Tool opened w/wk blow air thruout test. Rec 50' DM & 502' SW, no shows. HP 5125#. IFP 90#. FFP 295#. 30 min IBHP 5220#. FBHP 3965#.

Gulf Oil Corporation - Monument Unit No. 1-B, Sec. 12-12-37, Wildcat

DEVIATIONS - TOTOC SURVEYS

1-1/4 - 300'	1-1/4 - 3265'
1 - 400'	1 - 3207'
1/2 - 690'	1 - 4055'
1/4 - 985'	1 - 4095'
1/4 - 1250'	3/4 - 4280'
0 - 1850'	1 - 4750'
1-3/4 - 2250'	3/4 - 5075'
2 - 2350'	1 - 5250'
1/2 - 2510'	1-1/4 - 5500'
3/4 - 2630'	1-1/2 - 5735'
1-1/2 - 2810'	2 - 5970'
1-3/4 - 2885'	1 - 6128'
1-1/2 - 3015'	1-1/4 - 6250'
1 - 3115'	1-3/4 - 6385'
1-1/2 - 3275'	1-3/4 - 6610'
1-1/2 - 3350'	2 - 6797'
1 - 3435'	2 - 7028'

DRILL STEM TESTS

No. 1, 5298-5430', Padlock. Strong blow air throughout test. Rec 3285', sulphur wtr, no show oil. HP 2505#. TBP 370#. FBP 1718#. 30 min IBHP 1875#. 30 min FBHP 1740#.

No. 2, 5452-5505', Padlock. 1 1/2" DP, 1-1/8" surf ck, 5/8" bot ck. Gas to surface. Rec 5505'. HP 2305#. TBP 2305#. FBP 2255#. 30 min IBHP 2058#. 30 min FBHP 2058#.

No. 3, 5592-5715', Lower Padlock. Weak blow air 30 min & dead 30 min. Rec 5710'. DM. TBP 2788#. FBP 2788#. TBP 290#. FBP 135#. 30 min IBHP 310#. 30 min FBHP 325#.

No. 4, 5810-5878', Padlock. 1 1/2" DP, 5/8" surf ck, 5/8" bot ck. Weak blow air to surf. Rec 5878'. DM & 325' at 060 mud cut w/sulphur wtr. HP 2730#. TBP 125#. FBP 138#. 30 min IBHP 2315#. FBP 1760#. Temp 115 deg at 5867'.

No. 5, 5900-5975', Blinnery. 1 1/2" DP, 1/2" surf ck, 5/8" bot ck. Tool opened with fair blow air, gas to surf in 30 min, TSTM. Rec 586', hvy gas cut dark mud, 582', hvy oil & gas cut SW, 508' oil & 808' wtr, 211' SW air gas cut w/hvy trace of sulphur. HP 2735#. TBP 305#. FBP 873#. 30 min IBHP 3015#. FBHP 1785#. Temp 116 deg at 5971'.

No. 6, 8202-8221', Penn. Tool opened w/wk blow air 23 min & died. Rec total 767', fluid in 1 1/2" DP, 677' DM, 30' sulphur wtr cut mud & 60' sulphur wtr, no show oil. HP 3290#. TBP 175#. FBP 210#. 30 min IBHP 3275#. 30 min FBHP 3275#.

No. 7, 8440-8496', Penn. Tool opened w/good blow air. Rec 8250', fluid in 1 1/2" DP, 1175' DM & 1702' sulphur wtr, no show oil. HP 3920#. TBP 865#. FBP 1718#. 15 min IBHP 3005#. FBHP 2040#.

No. 8, 8715-8752', Dev. Tool opened w/wk blow air. Rec 870', fluid, 30' free mud, oil, 150' oil & wtr cut mud & 390' very sl oil & mud cut salty sulphur wtr. HP 1035#. TBP 130#. FBP 300#. 30 min IBHP 3500#. FBHP 3500#. Temp 127 deg.

No. 9, 10,010-10,039', Montoya. Tool opened w/wk blow air 8 min & dead throughout remainder of test. Rec 11' DM in 1 1/2" DP. HP 1505#. TBP 90#. 30 min FBHP 90#.

No. 10, 10,560-10,610', McKee. Opened tool w/very wk blow air 8 min & dead remainder of test. Rec 152' DM & 152' SW. HP 1660#. TBP 80#. FBP 100#. 30 min IBHP 3900#. FBHP 3275#.

No. 11, 10,915-10,971', Ellensburg. Tool opened w/very wk bubble air & died. Rec 10' DM, no show. HP 515#. TBP 15#. FBP 15#. 30 min IBHP 110#. FBHP 70#.

No. 12, 10,873-10,931', Ellensburg. Tool opened w/wk blow air thruout test. Rec 50' DM & 505' SW, no show. HP 5125#. TBP 90#. FBP 255#. 30 min IBHP 2250#. FBHP 3965#.