MAX GAS OF 365 UNITS ON BOTTOMS UP ON FIRST CIRCULATION AFTER SETTING BRIDGE PLUG.

450613

MARCH 30, 1986
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DATE : 30 MARCH, 1986
REPORT NO. : 95
DAYS FROM SPUD : 92
PBTD : 2923 METERS (9590 FT)
PROGRESS : 0
MUD PROPERTIES : MW -9.3, VIS - 40, API FL -7.8
LAST CASING : 5'' AT 4065.2 METERS (13,337 FT)
DAILY COST (USD) : 98,406 CUM. COST :11,486,376
PRESENT OPERATION : INITIAL BUILD UP TEST FOR DST NUMBER 5
OPERATIONS SUMMARY : RUN DST STRING. PUMP N2 CUSHION FOR 2000 PSI UNDERBALANCE. PERF 2869 M - 2883 M (9412.6 - 9458.5 FT) W/ 5'' TCP, 12 SPF, 120 DEG PHASE. WHP PRIOR TO PERF = 1400 PSI SIWHP 5 MIN = 1443 PSI. SIWHP 15 MIN = 1522 PSI.

MARCH 31, 1986
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DATE : 31 MARCH, 1986
REPORT NO. : 96
DAYS FROM SPUD : 93
PBTD : 2923 METERS (9590 FT)
PROGRESS : 0
MUD PROPERTIES : MW -9.3, VIS - 40, API FL -7.8
LAST CASING : 5'' AT 4065.2 METERS (13,337 FT)
DAILY COST (USD) : 175,861 CUM. COST :11,662,237
PRESENT OPERATION : RUNNING FLUID GRADIENT SURVEY.
OPERATIONS SUMMARY : CONTINUE MONITOR INITIAL BUILD UP. OPEN WELL ON 16/64'' CHOKE AT 0720 HOURS FOR INITIAL TEST PERIOD, SHUT IN AT SURFACE AT 1324 HOURS. MONITOR BUILD UP. OPEN WELL ON 16/64'' CHOKE AT 1951 HOURS FOR SECOND TEST PERIOD. SHUT WELL IN AT SURFACE AT 2205 HOURS, MONITOR BUILD UP. POH WITH PLT AT 0415 HOUR, LOGGING FLUID GRADIENT ON WAY OUT.

TEST DATA

| TIME | | |
|---|---|---|
| 0720 | SHUT IN | 1835 PSI S.I.W.H.P. |
| 0721 | OPEN WELL 16/64'' CHOKE | 1806 PSI F.W.H.P. |
| 1008 | CHANGE CHOKE TO 24/64'' | 100 PSI F.W.H.P. |
| 1015 | CHANGE CHOKE TO 32/64'' | 125 PSI F.W.H.P. |
| 1100 | | 0 PSI WELL DEAD NO FLOW |
| 1115 | | 10 PSI NO FLOW |
| 1145 | | 56 PSI NO FLOW |
| 1200 | | 26 PSI NO FLOW |
| 1300 | | 0 PSI NO FLOW |
| 1315 | SHUT IN AT SURFACE | 38 PSI |
| 1951 | OPEN WELL ON 16/64 CHOKE | 790 PSI S.I.W.H.P., 3626 S.I.B.H.P. |
| 2205 | SHUT IN AT MANIFOLD | 1 PSI F.W.H.P., 3250 F.B.H.P. |
| 0430 | HOURS | 447 PSI S.I.W.H.P., 3809 S.I.B.H.P. |

1 APRIL, 1986
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DATE : 1 APRIL, 1986
REPORT NO. : 97
DAYS FROM SPUD : 94
PBTD : 2923 METERS (9590 FT)
PROGRESS : 0
MUD PROPERTIES : MW -9.3, VIS - 40, API FL -8.0
LAST CASING : 5'' AT 4065.2 METERS (13,337 FT)
DAILY COST (USD) : 204,344 CUM. COST :11,866,584
PRESENT OPERATION : LAY DOWN TEST TOOLS.
OPERATIONS SUMMARY : CONTINUE TO MONITOR PRESSURE BUILD UP, OPEN WELL ON 8/64'' CHOKE AT 06:33 HRS, RIH WITH PLT LOG, OPEN CHOKE TO 64/64'' AT 14:35 HRS, OPEN CHOKE TO 108/64'' AT 14:38 HRS, CLOSE LPR-N AT 16:07 HRS. RIG DOWN SCHLUMBERGER PLT AND LUBRICATOR, CLOSE LPR-M2, OPEN CIRCULATING PORTS, REVERSE OUT TUBING, 100 PERCENT WATER POH WITH DST STRING,LAY DOWN S.S.T.T., LAY DOWN 30 JOINTS 3-1/2''VAM TUBING, LAY DOWN TEST TOOLS.

TEST DATA

| TIME | | |
|---|---|---|
| 06:33 | 447 PSI S.I.W.H.P. | OPEN WELL ON 8/64'' CHOKE |
| 07:45 | 15 PSI F.W.H.P. | CO2 10 PERCENT |
| 09:42 | 4 PSI F.W.H.P. | RUN PLT TOOL |
| 10:00 | 20 PSI F.W.H.P. | CONDENSATE TO SURFACE, SMALL AMOUNT, CONDENSATE WAS PARAFFINIC AND WAXY AT AIR TEMP OF 70 DEGREES F, 51 API AT 60 DEGREES F. |
| 11:00 | 23 PSI F.W.H.P. | WATER TO SURFACE, NO NITRATES, AND INITIAL CHLONIDES OF 2500 PPM, |