



2010 PICEANCE REGULATORY OPERATIONS SUMMARY

Well Name: Latham 32-11D

API/UWI 05045136410...	AFE Number C10 072097	APD State COLORADO	Surface Legal Location SWSE Sec 32-T5S-R96W
Spud Date 4/13/2008	Rig Release Date	KB-Grd (ft) 22.00	Gr Elev (ftKB) 8,205

Daily Operations

3/15/2010 00:00 - <End Date?>

Operations at Report Time

PREP PAD, TEST LINES, SET KILL

Operations Next 24 Hours

FRAC STG #4

Operations Summary

PERF STG #4

Time Log

Comment

PREP PAD. SPOT IN BLOW DOWN TANKS & SEPARATORS. NIPPLE UP BLOW DOWN LINES & MANIFOLDS. TESTED SAME. SPOT IN WATER PUMPS & LINES. R/U SCHLUMBERGER PERF & FRAC CREWS .

SCHLUMBERGER SET CBP (COMPOSITE BRIDGE PLUG) @ 8,353'. TEST PRESSURE TO 6,000 PSI. HELD

SCHLUMBERGER R/U & RIH TO PERFORATE STAGE #4. PERFORATE THE FOLLOWING 8,077'-8,313' AT 2 SHOTS PER FOOT FOR A TOTAL OF 30 HOLES.

3/16/2010 00:00 - <End Date?>

Operations at Report Time

FRAC STG #4

Operations Next 24 Hours

FLOW,FLUSH,PERF,FRAC

Operations Summary

Time Log

Comment

HOLD SAFETY MEETING. SCHLUMBERGER R/U & TEST LINES TO 7,000 PSI, HELD. SLICK WATER FRAC STAGE #4 (8,077'-8,313', 30 TOTAL HOLES).

INITIAL WELL PSI OF 1,766. BREAKDOWN @ 27.5 BPM @ 3,765 PSI.

MAX RATE OF 80.3 BPM AND A MAX PSI OF 4,756. AVERAGE RATE OF 74.0 BPM AND AN AVERAGE PSI OF 4,162.

30/30 HOLES OPEN. ABLE TO GET FLUSH AWAY. LOST 0 PERFS. FINISHED WITH 30/30.

PUMP 121,791 LBS OF 30/50 WHITE SAND. 9,478 BARRELS OF FLUID. LED WITH 500 GALS. OF 7.5% ACID,

INITIAL SHUT IN PSI OF 1,000. INITIAL FRAC GRADIENT OF .56
INSTANT SHUT DOWN PSI OF 1,139. FINAL FRAC GRADIENT OF .58

5 MINUTE 1,030 PSI, 10 MINUTE 996 PSI, & 15 MINUTE 970 PSI.

FLOW WELL @ 875 PSI ON A 32 CHOKE.

3/17/2010 00:00 - <End Date?>

Operations at Report Time

FLUSH, SCHL PERF STG #5 & #6

Operations Next 24 Hours

LEAVE WELL S.I.

Operations Summary

SCHL FRAC STG #5 & #6

Time Log

Comment

WELL FLOWING. SCHLUMBERGER FLUSH WELL TO 8,077'.

SCHLUMBERGER RIH & SET HALCO CFP @ 8,050'. PERFORATE STAGE #5. PERFORATE THE FOLLOWING 7,858'-8,026' AT 2 SHOTS PER FOOT FOR A TOTAL OF 30 HOLES.

HOLD SAFETY MEETING. SCHLUMBERGER R/U & TEST LINES TO 7,000 PSI, HELD. SLICK WATER FRAC STAGE #6 (7,858'-8,026', 30 TOTAL HOLES).

INITIAL WELL PSI OF 103. BREAKDOWN @ 20 BPM @ 2,744 PSI.

MAX RATE OF 80.4 BPM AND A MAX PSI OF 4,926. AVERAGE RATE OF 74.2 BPM AND AN AVERAGE PSI OF 3,905.

30/30 HOLES OPEN. ABLE TO GET FLUSH AWAY. LOST 0 PERFS. FINISHED WITH 30/30.

PUMP 121,869 LBS OF 30/50 WHITE SAND. 9,462 BARRELS OF FLUID. LED WITH 500 GALS. OF 7.5% ACID,

INITIAL SHUT IN PSI OF 629. INITIAL FRAC GRADIENT OF .52
INSTANT SHUT DOWN PSI OF 900. FINAL FRAC GRADIENT OF .55



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Well Name: Latham 32-11D

Time Log

Comment

SCHLUMBERGER RIH & SET HALCO CFP @ 7,730'. PERFORATE STAGE #6. PERFORATE THE FOLLOWING 7,584'-7,812' AT 2 SHOTS PER FOOT FOR A TOTAL OF 30 HOLES.

HOLD SAFETY MEETING. SCHLUMBERGER R/U & TEST LINES TO 7,000 PSI, HELD. SLICK WATER FRAC STAGE #6 (7,584'-7,812', 30 TOTAL HOLES).

INITIAL WELL PSI OF 573. BREAKDOWN @ 30 BPM @ 2,572 PSI.

MAX RATE OF 80.7 BPM AND A MAX PSI OF 5,209. AVERAGE RATE OF 74.4 BPM AND AN AVERAGE PSI OF 3,986.

30/30 HOLES OPEN. ABLE TO GET FLUSH AWAY. LOST 0 PERFS. FINISHED WITH 30/30.

PUMP 91,212 LBS OF 30/50 WHITE SAND. 7,124 BARRELS OF FLUID. LED WITH 500 GALS. OF 7.5% ACID,

INITIAL SHUT IN PSI OF 540. INITIAL FRAC GRADIENT OF .51
INSTANT SHUT DOWN PSI OF 770. FINAL FRAC GRADIENT OF .54

LEAVE WELL S.I.

Daily Operations

3/18/2010 00:00 - <End Date?>

Operations at Report Time

SCHL PERF STG #7 & #8

Operations Next 24 Hours

LEAVE WELL S.I.

Operations Summary

SCHL FRAC STG #7

Time Log

Comment

SCHLUMBERGER RIH & SET HALCO CFP @ 7,565". PERFORATE STAGE #7. PERFORATE THE FOLLOWING 7,300'-7,549' AT 2 SHOTS PER FOOT FOR A TOTAL OF 30 HOLES.

HOLD SAFETY MEETING. SCHLUMBERGER R/U & TEST LINES TO 7,000 PSI, HELD. SLICK WATER FRAC STAGE #7 (7,300'-7,549', 30 TOTAL HOLES).

INITIAL WELL PSI OF 312. BREAKDOWN @ 6.0 BPM @ 866 PSI.

MAX RATE OF 80.9 BPM AND A MAX PSI OF 4,658. AVERAGE RATE OF 73.8 BPM AND AN AVERAGE PSI OF 3,505.

30/30 HOLES OPEN. ABLE TO GET FLUSH AWAY. LOST 0 PERFS. FINISHED WITH 30/30.

PUMP 65,416 LBS OF 30/50 WHITE SAND. 7,147 BARRELS OF FLUID. LED WITH 500 GALS. OF 7.5% ACID,

INITIAL SHUT IN PSI OF 577. INITIAL FRAC GRADIENT OF .51
INSTANT SHUT DOWN PSI OF 749. FINAL FRAC GRADIENT OF .54

SCHLUMBERGER RIH & SET HALCO CFP @ 7,730'. PERFORATE STAGE #8. PERFORATE THE FOLLOWING 7,026'-7,252' AT 2 SHOTS PER FOOT FOR A TOTAL OF 30 HOLES.

LEAVE WELL S.I.

NOTE: S/D DUE TO CRACK IN HEAD ON FRAC PUMP TRUCK

3/19/2010 00:00 - <End Date?>

Operations at Report Time

SCHL FRAC STG #8

Operations Next 24 Hours

Operations Summary

FRAC COMPLETE PER DESIGN



2010 PICEANCE REGULATORY OPERATIONS SUMMARY

Well Name: Latham 32-11D

Time Log

Comment

HOLD SAFETY MEETING. SCHLUMBERGER R/U & TEST LINES TO 7,000 PSI, HELD. SLICK WATER FRAC STAGE #8 (7,026'-7,252', 30 TOTAL HOLES).

INITIAL WELL PSI OF 266. BREAKDOWN @ 45 BPM @ 3,780 PSI.

MAX RATE OF 80.7 BPM AND A MAX PSI OF 3,995. AVERAGE RATE OF 74.5 BPM AND AN AVERAGE PSI OF 3,606.

30/30 HOLES OPEN. ABLE TO GET FLUSH AWAY. LOST 0 PERFS. FINISHED WITH 30/30.

PUMP 75,221 LBS OF 30/50 WHITE SAND. 8,217 BARRELS OF FLUID. LED WITH 500 GALS. OF 7.5% ACID,

INITIAL SHUT IN PSI OF 560. INITIAL FRAC GRADIENT OF .52
INSTANT SHUT DOWN PSI OF 827. FINAL FRAC GRADIENT OF .55

OPEN THE WELL @ 500 PSI ON A 48 CHOKE.

Daily Operations

3/25/2010 00:00 - <End Date?>

Operations at Report Time

MAVERICK D/O 4/4 CFP'S

Operations Next 24 Hours

MOVE TO 32-10D

Operations Summary

C/O TO PBSD, RWTP

Time Log

Comment

MAVERICK COIL TBG MIRU EQUIPMENT. HOOK UP WATER LINE. HOOK UP BOPE ON TOP OF FRAC TREE. R/U LUBRICATOR. P/U 3-3/4 MILL & MOTOR. WELL NOT FLOWING. RIH.

CFP @ 7,280'	PERFS @ 7,026'-7,252'	(D/O)
CFP @ 7,565'	PERFS @ 7,300'-7,549'	(D/O)
CFP @ 7,840'	PERFS @ 7,584'-7,812'	(D/O)
CFP @ 8,050'	PERFS @ 7,858'-8,026'	(D/O)
	PERFS @ 8,077'-8,313'	(D/O)

CBP @ 8,353' (D/O)

CFP @ 8,630'	PERFS @ 8,438'-8,606'	(D/O)
CFP @ 8,964'	PERFS @ 8,790'-8,949'	(D/O)
	PERFS @ 9,025'-9,204'	(D/O)

NOTE: THE LAST 2 CFP'S & 3 SETS OF PERFS WERE SET & SHOT +/- 1 YEAR AGO. AND WERE NEVER DRILLED OUT. THE WELL WAS PRODUCED DURING THIS TIME.

C/O TO PBSD 9,665'. POOH R/D COIL TBG. PUMP 295,000 SCF N2. MOVE TO 32-10D & R/U.

4/6/2010 00:00 - <End Date?>

Operations at Report Time

Operations Next 24 Hours

Operations Summary

Time Log

Comment

4/8/2010 00:00 - <End Date?>

Operations at Report Time

MIRU MWS 10

Operations Next 24 Hours

RIH W/ P/U NEW 2-3/8 TBG

Operations Summary

MIRU MWS 10

Time Log

Comment

MIRU MWS RIG 10. N/D FRAC VALVE, N/U BOPE. SWIFN. CREW TRAVEL.

4/9/2010 00:00 - <End Date?>

Operations at Report Time

RIH P/U NEW 2-3/8 TBG.

Operations Next 24 Hours

CIRC WELL W/ NIT FOAM UNIT

Operations Summary

RIH W/ NOTCH COLLAR P/U NEW 2-3/8 TBG. CIRC WATER OFF OF WELL W/ NIT FOAM UNIT OVERNIGHT.



2010 PICEANCE REGULATORY OPERATIONS SUMMARY

Well Name: Latham 32-11D

Time Log

Comment

CREW TRAVEL. HOLD SAFETY MEETING.
SIWP- 0. RIH W/ 2-3/8 NOTCH COLLAR, 1 JT 2-3/8 TBG & 1.81 F- NIPPLE P/U NEW 2-3/8 TBG TO 9510', 306' BELOW BOTTOM PERF.
PULL ABOVE TOP PERF @ 7026'. R/U NITROGEN FOAM UNIT.BREAK CIRC, TOOK 1 HRS. CIRC WATER OFF OF WELL OVERNIGHT.
CREW TRAVEL.

Daily Operations

4/10/2010 00:00 - <End Date?>

Operations at Report Time

CIRC WELL W/ NIT FOAM UNIT

Operations Next 24 Hours

RIH & LAND TBG

Operations Summary

CIRC WATER OFF OF WELL W/ NIT FOAM UNIT.

Time Log

Comment

CIRC WATER OFF OF WELL W/ NITROGEN FOAM UNIT FOR 17 HRS TOTAL. MAKING +/- 120 PER HR. ATTEMPT TO FLOW WELL ON ITS OWN SEVERAL TIMES,
FLOW FOR +/- 1 HR & DIED. CONTINUE TO CIRC WATER OFF OF WELL ON 4/11/2010. RECOVERED +/- 5000 BBLS TOTAL & WELL FLOWING ON ITS OWN.
FLOWING @ 350 PSI ON 48/64 CHOKE.

4/14/2010 00:00 - <End Date?>

Operations at Report Time

RIH, LAND TBG.

Operations Next 24 Hours

FLOW WELL.

Operations Summary

RIH F/ TOP OF PERFS. LAND TBG. R/D RIG & EQUIPMENT.

Time Log

Comment

CREW TRAVEL. HOLD SAFETY MEETING.
CSG FLOWING PSI 800. KILL TBG W/ 20 BBLS. RIH F/ TOP OF PERFS W/ NOTCH COLLAR TO 9510', 306' BELOW BOTTOM PERF. POOH TO 8756', & LAND TBG.
N/D BOPE EQUIPMENT, N/U WELLHEAD. R/D RIG & EQUIPMENT.

KB	22.00
TBG HANGER	.80
270 JTS 2-3/8 TBG N-80	8699.87
1.81 F- NIPPLE	.81
1 JT 2-3/8 TBG N-80	32.40
2-3/8 NOTCH COLLAR	.40
EOT @	8756.83