



## 2010 PICEANCE REGULATORY OPERATIONS SUMMARY

Well Name: Latham 29-26D

API/UWI	AFE Number	APD State	Surface Legal Location
05045136430...	C10 072090	COLORADO	SWSE Sec 29-T5S-R96W
Spud Date	Rig Release Date	KB-Grd (ft)	Gr Elev (ftKB)
8/16/2008	8/27/2008	19.00	7,933

### Daily Operations

2/1/2010 00:00 - <End Date?>

Operations at Report Time

MIRU MWS RIG 10

Operations Next 24 Hours

KILL WELL. N/U BOPE.

Operations Summary

MIRU MWS RIG 10

### Time Log

Comment

MIRU MWS RIG 10. SDFN. CREW TRAVEL.

2/2/2010 00:00 - <End Date?>

Operations at Report Time

KILL WELL. N/U BOPE.

Operations Next 24 Hours

RIH W/ RBP & PKR. TEST CSG

Operations Summary

KILL WELL. N/D WELLHEAD. N/U BOPE. RIH W/ 3-7/8 BIT & STRING MILL.

### Time Log

Comment

CREW TRAVEL. HOLD SAFETY MEETING.

SIWP- 300. KILL WELL W/ 80 BBLs. N/D WELLHEAD. N/U BOPE. R/U FLOOR & EQUIPMENT.

RIH W/ 3-7/8 BIT & 3-7/8 STRING P/U 2-3/8 TBG TO 8723'. 183' BELOW TOP PERF @ 8540'. POOH W/

BIT & MILL. SWIFN. CREW TRAVEL.

2/3/2010 00:00 - <End Date?>

Operations at Report Time

RIH W/ RBP & PKR. TEST CSG

Operations Next 24 Hours

RELEASE RBP. POOH L/D TBG.

Operations Summary

RIH W/ RBP & PKR TO TOP PERFS. TEST TOOLS & CSG TO 4000 PSI.

POOH W/ PKR. TEST CSG TO 7000 PSI.

### Time Log

Comment

CREW TRAVEL. HOLD SAFETY MEETING.

SIWP- 100. KILL WELL W/ 30 BBLs. RIH W/ 4-1/2 RBP & PKR. SET RBP @ 8520' & PKR @ 8500'. TOP PERF @ 8540.

TEST TOOLS TO 4000 PSI, HELD. TEST CSG TO 4000 PSI, HELD. RELEASE PKR. POOH W/ PKR.

N/D BOPE. N/U FRAC VALVE. TEST 4-1/2 CSG TO 7000 PSI FOR 15 MINS, HELD GOOD.

N/D FRAC VALVE. N/U BOPE. RIH W/ RETIEVING HEAD TO TOP OF RBP @ 8520'. SWIFN. CREW TRAVEL.

2/4/2010 00:00 - <End Date?>

Operations at Report Time

RELEASE RBP. POOH L/D TBG.

Operations Next 24 Hours

Operations Summary

RELEASE RBP @ 8520'. POOH L/D 2-3/8 TBG. N/D BOPE. N/U FRAC VALVE.

R/D RIG & EQUIPMENT. SPOT RIG IN ON 29-25D.

### Time Log

Comment

CREW TRAVEL. HOLD SAFETY MEETING.

SIWP- 0. RELEASE RBP @ 8520'. WELL ON SLIGHT VACUUM. POOH W/ RBP L/D 2-3/8 TBG.

N/D BOPE. N/U FRAC VALVE. R/D RIG & EQUIPMENT. SPOT RIG IN ON 29-25D.

2/16/2010 00:00 - <End Date?>

Operations at Report Time

PREP PAD, SCHL R/U SET CIBP

Operations Next 24 Hours

FLOW, FLUSH, PERF, FRAC

Operations Summary

TEST, PERF STG#4 & FRAC



## 2010 PICEANCE REGULATORY OPERATIONS SUMMARY

Well Name: Latham 29-26D

### Time Log

Comment

PREP PAD. RIG TESTED CSG TO 7,000 PSI, HELD. MOVE RIG & R/U SCHLUMBERGER PERF & FRAC CREWS .

SCHLUMBERGER SET CIBP @ 8,480'. TEST PRESSURE TO 6,000 PSI. HELD

SCHLUMBERGER R/U & RIH TO PERFORATE STAGE #4. PERFORATE THE FOLLOWING 8,216'-8,461' 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 #4 (8,216'-8,461', 30 TOTAL HOLES).

INITIAL WELL PSI OF 2,100. BREAKDOWN @ 26 BPM @ 5,370 PSI.

MAX RATE OF 80.2 BPM AND A MAX PSI OF 5,987. AVERAGE RATE OF 75.1 BPM AND AN AVERAGE PSI OF 5,580.

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

PUMP 109,231 LBS OF 30/50 WHITE SAND. 8,478 BARRELS OF FLUID. LED WITH 500 GALS. OF 7.5% ACID,

INITIAL SHUT IN PSI OF 2,002. INITIAL FRAC GRADIENT OF .68  
INSTANT SHUT DOWN PSI OF 2,102. FINAL FRAC GRADIENT OF .69

5 MINUTE 1,994 PSI, 10 MINUTE 1,937 PSI, & 15 MINUTE 1,907 PSI.

FLOW WELL @ 1,790 PSI ON A 24 CHOKE.

### Daily Operations

2/17/2010 00:00 - <End Date?>

Operations at Report Time

FLUSH, SCHLU PERF #5

Operations Next 24 Hours

FLOW

Operations Summary

SCHLU FRAC STG #5

### Time Log

Comment

SCHLUMBERGER RIG UP AND FLUSH WELL TO TOP PERF @ 8,216'.

SCHLUMBERGER R/U & RIH TO PERFORATE STAGE #5. SET HALLIBURTON 8K COMPOSITE FLOW THROUGH FRAC PLUG @ 8,290'. PERFORATE THE FOLLOWING 7,899'-8,155' AT 2 SHOTS PER FOOT FOR A TOTAL OF 30 HOLES. HAD TO MAKE 2 RUNS.

HOLD SAFETY MEETING. SCHLUMBERGER R/U & TEST LINES TO 7,000 PSI, HELD. SLICK WATER FRAC STAGE #5 (7,899'-8,155', 30 TOTAL HOLES).

INITIAL WELL PSI OF 717. BREAKDOWN @ 45.0 BPM @ 5,667 PSI.

MAX RATE OF 80.4 BPM AND A MAX PSI OF 5,663. AVERAGE RATE OF 75.7 BPM AND AN AVERAGE PSI OF 4,935.

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

PUMP 123,187 LBS OF 30/50 WHITE SAND. 9,533 BARRELS OF FLUID. LED WITH 500 GALS. OF 7.5% ACID,

INITIAL SHUT IN PSI OF 1,487. INITIAL FRAC GRADIENT OF .62  
INSTANT SHUT DOWN PSI OF 1,591. FINAL FRAC GRADIENT OF .64

FLOW WELL @ 1,450 PSI ON A 24 CHOKE.

2/19/2010 00:00 - <End Date?>

Operations at Report Time

FLUSH, SCHLU PERF #6

Operations Next 24 Hours

FLOW

Operations Summary

SCHLU FRAC STG #6



## 2010 PICEANCE REGULATORY OPERATIONS SUMMARY

Well Name: Latham 29-26D

### Time Log

Comment

SCHLUMBERGER RIG UP AND FLUSH WELL TO TOP PERF @ 7,899'.

SCHLUMBERGER R/U & RIH TO PERFORATE STAGE #6. SET HALLIBURTON 8K COMPOSITE FLOW THROUGH FRAC PLUG @ 7,850'. PERFORATE THE FOLLOWING 7,612'-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 (7,612'-7,812', 30 TOTAL HOLES).

INITIAL WELL PSI OF 0. BREAKDOWN @ 27.0 BPM @ 3,006 PSI.

MAX RATE OF 82.2 BPM AND A MAX PSI OF 5,021. AVERAGE RATE OF 74.3 BPM AND AN AVERAGE PSI OF 4,512.

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

PUMP 115,300 LBS OF 30/50 WHITE SAND. 8,970 BARRELS OF FLUID. LED WITH 500 GALS. OF 7.5% ACID,

INITIAL SHUT IN PSI OF 1,068. INITIAL FRAC GRADIENT OF .58  
INSTANT SHUT DOWN PSI OF 1,184. FINAL FRAC GRADIENT OF .59

FLOW WELL @ 1,000 PSI ON A 24 CHOKE.

### Daily Operations

3/5/2010 00:00 - <End Date?>

Operations at Report Time

COIL TBG MIRU, D/O 2/2 CFP'S

Operations Next 24 Hours

FLOW

Operations Summary

D/O 1 CIBP, R/D COIL TBG

### 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 FLOWING. RIH.

CFP @ 7,850'	PERFS @ 7,612'-7,812'	(D/O)
CFP @ 8,170'	PERFS @ 7,899'-8,155'	(D/O)
	PERFS @ 8,216'-8,461'	(D/O)

CIBP @ 8,480' (D/O)

\*\*NOTE: THE LAST 2 CFP'S WERE SET +/- 1 YEAR AGO. AND WERE NEVER DRILLED OUT. THE WELL WAS PRODUCED DURING THIS TIME.\*\*

WAS ONLY ABLE TO GET TO 9,188'. WORK ON THIS SPOT FOR 2.5 HRS. 4 SET OF PERFS COVERED. POOH R/D COIL TBG. MOVE OFF OF PAD. PUMP 346,000 SCF N2.

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

Operations at Report Time

Operations Next 24 Hours

Operations Summary

### Time Log

Comment

9/17/2010 00:00 - <End Date?>

Operations at Report Time

MIRU BASIC 1551

Operations Next 24 Hours

SWIFN

Operations Summary

MIRU BASIC 1551. ND FRAC VALVE. N/U WELLHEAD.

### Time Log

Comment

MIRU BASIC 1551. N/D FRAC VALVE. N/U WELLHEAD. SWIFN. R/D RIG & EQUIPMENT. RAD RIG TO CHEVRON 29-15D. SDFN. CREW TRAVEL.