



# OPERATIONS SUMMARY

Well Name: **Chevron 19-3D**

API/UWI 05045142990000	AFE Number C07 7237	APD State COLORADO	Surface Legal Location NESE Sec 19-T5S-R96W
Field Code GG 119 596	Spud Date 9/23/2007	Rig Release Date 10/11/2007	KB-Ground Distance (ft) 19.00
			Ground Elevation (ftKB) 8,380

## Daily Operations

**11/8/2007 00:00 - <End Date?>**

Operations at Report Time MIRU, P/U TBG	Operations Next 24 Hours D/O CMT
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Operations Summary  
MIRU, P/U TBG

## Time Log

Comment

MIRU BASIC 1220 RIG. SCHLUMBERGER DURING CASSED HOLE LOG FOUND PBDT TO BE @ +/- 9,472' INSTEAD OF PROPOSED 9,954'.

CREW TRAVEL & SAFETY MEETING.

BHA CONSISTS OF 3-7/8" CHOMP BIT, BIT SUB, 1 JOINT OF 2-3/8" N-80 TBG, 1.81 "F" NIPPLE. TALLY, RABBIT, AND P/U N-80 TBG. RIH & TAG @ 9,520'. P/U SWIVEL & BREAK CIRCULATION. TAG WHAT APPEARS TO BE THE WIPER RUBBER AFTER DRILLING OUT +/- 10' OF CEMENT. CONTINUE TO DRILL OUT CEMENT TO 9,768'. CEMENT IS HARD. CIRC CLEAN & PUH TO 9,706'. STILL HAVE 7 JOINTS TO GO. INSTALL TIW & CLOSE. SHUT & LOCK PIPE RAMS.

CREW TRAVEL

**11/9/2007 00:00 - <End Date?>**

Operations at Report Time D/O TO CASING COLLAR, RUN SCRAPER	Operations Next 24 Hours
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Operations Summary  
D/O TO CSG COLLAR, RUN SCRAPER

## Time Log

Comment

CREW TRAVEL & SAFETY MEETING.

BHA CONSISTS OF 3-7/8" CHOMP BIT, BIT SUB, 1 JOINT OF 2-3/8" N-80 TBG, 1.81 "F" NIPPLE. RIH F/ 9,706'. TAG @ 9,768'. PICK UP SWIVEL AND BREAK CIRC. TALLY, RABBIT, AND P/U N-80 TBG. CONTINUE TO DRILL OUT CEMENT TO CASING COLLAR AT 9,954'. CEMENT IS HARD. TEST CASING & COLLAR TO 2,000 PSI. HELD. CIRCULATE & POOH. P/U SCRAPER AND RIH TO 9,956'. POOH & L/D TBG TO +/- 5,000'. INSTALL TIW & CLOSE. SHUT & LOCK PIPE RAMS.

CREW TRAVEL

**11/12/2007 00:00 - <End Date?>**

Operations at Report Time L/D TBG. RDWOR	Operations Next 24 Hours
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Operations Summary  
L/D TBG. RDWOR

## Time Log

Comment

CREW TRAVEL & SAFETY MEETING.

BHA CONSISTS OF CASING SCRAPER, BIT SUB, 1 JOINT OF 2-3/8" N-80 TBG, 1.81 "F" NIPPLE. CONTINUE TO POOH & L/D TBG.

R/D TBG TONGS, FLOOR. N/D BOP. N/U FRAC TREE. RDWOR

MOVE RIG TO CHEVRON 19-15D

**11/24/2007 00:00 - <End Date?>**

Operations at Report Time PERF STG 1 & 2. FRAC STG 1 & 2	Operations Next 24 Hours FLOW, PERF 3, FRAC 3
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Operations Summary  
PERF STG 1 & 2. FRAC STG 1 & 2



# OPERATIONS SUMMARY

Well Name: Chevron 19-3D

## Time Log

Comment

C/O & RESIZE PIT AFTER DRLG/RIG MOVE. PUT IN LINER. FILL PIT W/ FRAC WATER. BLACK FRAC TREAT WATER W/ 5X STRENGTH BIOCIDES AND 1% KCL. RAIN FOR RENT INSTALL CIRCULATING LINES AND PUMP. ALSO FRAC PUMPS AND LINES. INSTALL BLOW DOWN SEPERATORS, LINES, AND MANIFOLDS. TEST WELL TO 6,000 PSI AND TEST MANIFOLDS & TREE TO 3,000 W/ WESTERN COLORADO PUMP, HELD. FLOW TESTERS MOVE IN EQUIPMENT. B.J. MOVE EQUIPMENT IN AND RIG UP. FILL SAND KING W/ FRAC SAND. SCHLUMBERGER MIRU.

VERY COLD. WELL HEAD HAS ICE. START TRUCKS. HAD TO JUMP TRUCK TO MOVE OUT OF ROAD TO MOVE IN WELL HEAD HEATER. SPOT METHANOL IN WELL HEAD. SCHLUMBERGER R/U & RIH TO PERFORATE STAGE #1. PERFORATE THE FOLLOWING 9,502'-9,504', 9,524'-9,526', 9,542'-9,544', 9,688'-9,690', AND 9,706'-9,708' AT 2 SHOTS PER FOOT FOR A TOTAL OF 20 HOLES. R/D WIRELINE.

HOLD SAFETY MEETING. B.J. R/U & TEST LINES TO 7500 PSI, HELD. SLICK WATER FRAC STAGE #1 (9,502' TO 9,708', 20 TOTAL HOLES).

INITIAL WELL PSI OF 193. BREAKDOWN @ 6.3 BPM WITH 3,404 PSI.

MAX RATE OF 55.0 BPM AND A MAX PSI OF 4,921. AVERAGE RATE OF 52.1 BPM AND AN AVERAGE PSI OF 4,797.

20/20 HOLES OPEN. ABLE TO GET FLUSH AWAY. LOST 2 PERFS DURING 1.50 PPA. FINISHED WITH 18/20.

PUMP 87,912 LBS OF 20/40 WHITE SAND. 2,561 BARRELS OF FLUID. LED WITH 750 GALS. OF 7.5% ACID.

INSTANT SHUT DOWN PSI OF 2,916. FINAL FRAC GRADIENT OF .74

SCHLUMBERGER R/U & RIH TO PERFORATE STAGE #2. SET HALLIBURTON 8K COMPOSITE FLOW THROUGH FRAC PLUG @ 9,460'. PERFORATE THE FOLLOWING 9,304'-9,305', 9,316'-9,317', 9,325'-9,326', 9,342'-9,344', 9,398'-9,400', 9,432'-9,434', AND 9,443'-9,445' AT 2 SHOTS PER FOOT FOR A TOTAL OF 22 HOLES. R/D WIRELINE.

HOLD SAFETY MEETING. B.J. R/U & TEST LINES TO 7500 PSI, HELD. SLICK WATER FRAC STAGE #2 (9,304' TO 9,445', 22 TOTAL HOLES).

INITIAL WELL PSI OF 1,753. BREAKDOWN @ 6.3 BPM WITH 1,934 PSI.

MAX RATE OF 58.3 BPM AND A MAX PSI OF 5,051. AVERAGE RATE OF 52.3 BPM AND AN AVERAGE PSI OF 4,836.

22/22 HOLES OPEN. ABLE TO GET FLUSH AWAY. LOST 4 PERFS DURING 1.00 PPA AND LOST 4 PERFS DURING 1.50 PPA. FINISHED WITH 14/22.

PUMP 165,880 LBS OF 20/40 WHITE SAND. 4,447 BARRELS OF FLUID. LED WITH 750 GALS. OF 7.5% ACID.

INSTANT SHUT DOWN PSI OF 2,916. FINAL FRAC GRADIENT OF .75

OPEN WELL AT 1,890 PSI ON A 20 CHOKE.

## Daily Operations

11/26/2007 00:00 - <End Date?>

Operations at Report Time

FLUSH, PERF STG 3, FRAC STG 3

Operations Next 24 Hours

FLOW

Operations Summary

FLUSH, PERF STG 3, FRAC STG 3



# OPERATIONS SUMMARY

Well Name: **Chevron 19-3D**

## Time Log

Comment

REMOVE WELL HEAD HEATER. WELL FLOWING AT 1,300 ON A 24 CHOKE.

B.J. R/U & PUMP FLUSH TO TOP PERF AT 9,304'.

SCHLUMBERGER R/U & RIH TO PERFORATE STAGE #3. SET HALLIBURTON 8K COMPOSITE FLOW THROUGH FRAC PLUG @ 9,250'. PERFORATE THE FOLLOWING 8,992'-8,994', 9,008'-9,009', 9,055'-9,056', 9,126'-9,127', 9,140'-9,142', 9,155'-9,156', 9,164'-9,166', AND 9,224'-9,226' AT 2 SHOTS PER FOOT FOR A TOTAL OF 24 HOLES. R/D WIRELINE.

HOLD SAFETY MEETING. B.J. R/U & TEST LINES TO 7500 PSI, HELD. SLICK WATER FRAC STAGE #3 (8,992' TO 9,226', 24 TOTAL HOLES).

INITIAL WELL PSI OF 0. BREAKDOWN @ 7.9 BPM WITH 1,980 PSI.

MAX RATE OF 59.0 BPM AND A MAX PSI OF 4,807. AVERAGE RATE OF 54.6 BPM AND AN AVERAGE PSI OF 4,526.

24/24 HOLES OPEN. ABLE TO GET FLUSH AWAY. LOST 4 PERFS DURING 1.00 PPA AND LOST 8 PERFS DURING 1.25 PPA. FINISHED WITH 12/24.

PUMP 137,962 LBS OF 20/40 WHITE SAND. 4,526 BARRELS OF FLUID. LED WITH 750 GALS. OF 7.5% ACID.

INSTANT SHUT DOWN PSI OF 2,110. FINAL FRAC GRADIENT OF .67

OPEN WELL AT 1,675 ON A 20 CHOKE.

## Daily Operations

11/29/2007 00:00 - <End Date?>

Operations at Report Time

ATTEMPT TO PERF...TOO MUCH WIND

Operations Next 24 Hours

FLOW

Operations Summary

TOO WINDY FOR CRANE WORK

## Time Log

Comment

ATTEMPT TO DO PERF/FRAC BUT TOO HIGH OF WIND FOR CRANE TO BE RAN SAFELY.

11/30/2007 00:00 - <End Date?>

Operations at Report Time

FLUSH, PERF STG 4, FRAC STG 4

Operations Next 24 Hours

FLOW

Operations Summary

FLUSH, PERF STG 4, FRAC STG 4

## Time Log

Comment

REMOVE WELL HEAD HEATER. WELL FLOWING AT 975 ON A 24 CHOKE.

B.J. R/U & PUMP FLUSH TO TOP PERF AT 8,992'.

SCHLUMBERGER R/U & RIH TO PERFORATE STAGE #4. SET HALLIBURTON 8K COMPOSITE FLOW THROUGH FRAC PLUG @ 8,850'. PERFORATE THE FOLLOWING 8,600'-8,602', 8,646'-8,648', 8,660'-8,662', 8,769'-8,770', 8,787'-8,788', 8,825'-8,826', AND 8,835'-8,836' AT 2 SHOTS PER FOOT FOR A TOTAL OF 20 HOLES. R/D WIRELINE.

HOLD SAFETY MEETING. B.J. R/U & TEST LINES TO 7500 PSI, HELD. SLICK WATER FRAC STAGE #4 (8,600' TO 8,836', 20 TOTAL HOLES).

INITIAL WELL PSI OF 0. BREAKDOWN @ 6.4 BPM WITH 1,811 PSI.

MAX RATE OF 59.0 BPM AND A MAX PSI OF 4,807. AVERAGE RATE OF 54.6 BPM AND AN AVERAGE PSI OF 4,526.

20/20 HOLES OPEN. ABLE TO GET FLUSH AWAY. LOST 4 PERFS DURING 1.00 PPA AND LOST 8 PERFS DURING 1.25 PPA. FINISHED WITH 8/20. EXTENDED 1.25 PPA STAGE DUE TO PRESSURE INCREASES. LEVEL OFF SO WENT TO NEXT STAGES.

PUMP 81,982 LBS OF 20/40 WHITE SAND. 4,526 BARRELS OF FLUID. LED WITH 750 GALS. OF 7.5% ACID.

INSTANT SHUT DOWN PSI OF 1,417. FINAL FRAC GRADIENT OF .60

OPEN WELL AT 1,675 ON A 20 CHOKE.

NEED TO REPAIR LINER.



# OPERATIONS SUMMARY

Well Name: **Chevron 19-3D**

## Daily Operations

**12/6/2007 00:00 - <End Date?>**

Operations at Report Time

FLUSH, PERF STG 5. FRAC STG 5

Operations Next 24 Hours

FLOW

Operations Summary

FLUSH, PERF STG 5. FRAC STG 5

## Time Log

Comment

REPAIR PIT LINER. INSTALL BLOW DOWN TANKS AND ROUTE LINES. TRANSPORT & HEAT WATER.

WELL PSI @ 0 ON 2 LINES WITH 48 CHOKES. REMOVE WELL HEAD HEATER.

B.J. R/U & PUMP FLUSH TO TOP PERF AT 8,600'.

SCHLUMBERGER R/U & RIH TO PERFORATE STAGE #5. SET HALLIBURTON 8K COMPOSITE FLOW THROUGH FRAC PLUG @ 8,540'. PERFORATE THE FOLLOWING 8,360'-8,362', 8,374'-8,376', 8,411'-8,413', 8,429'-8,431', 8,463'-8,464', 8,472'-8,474', 8,515'-8,516', AND 8,526'-8,528' AT 2 SHOTS PER FOOT FOR A TOTAL OF 28 HOLES. R/D WIRELINE.

HOLD SAFETY MEETING. B.J. R/U & TEST LINES TO 7500 PSI, HELD. SLICK WATER FRAC STAGE #5 (8,360' TO 8,528', 28 TOTAL HOLES).

INITIAL WELL PSI OF 0. BREAKDOWN @ 12.0 BPM WITH 1,197 PSI.

MAX RATE OF 58.5 BPM AND A MAX PSI OF 4,521. AVERAGE RATE OF 56.9 BPM AND AN AVERAGE PSI OF 3,738.

28/28 HOLES OPEN. ABLE TO GET FLUSH AWAY. LOST 10 PERFS DURING 1.00 PPA. FINISHED WITH 18/28.

PUMP 192,349 LBS OF 20/40 WHITE SAND. 5,252 BARRELS OF FLUID. LED WITH 750 GALS. OF 7.5% ACID.

INSTANT SHUT DOWN PSI OF 1,197. FINAL FRAC GRADIENT OF .58

OPEN WELL AT 800 ON A 24 CHOKE.

NEED TO REPAIR LINER.

**12/8/2007 00:00 - <End Date?>**

Operations at Report Time

FLUSH, PERF STG 6, FRAC STG 6

Operations Next 24 Hours

FLOW

Operations Summary

FLUSH, PERF STG 6, FRAC STG 6

## Time Log

Comment

HEAVY SNOW & WIND. HAD SHUT DOWN FOR ONE DAY. UNABLE TO GET WATER.

TODAY IS COLD. WELL PSI @ 0 ON 2 LINES WITH 48 CHOKES. REMOVE WELL HEAD HEATER.

B.J. R/U & PUMP FLUSH TO TOP PERF AT 8,360'.

SCHLUMBERGER R/U & RIH TO PERFORATE STAGE #6. SET HALLIBURTON 8K COMPOSITE FLOW THROUGH FRAC PLUG @ 8,320'. PERFORATE THE FOLLOWING 8,100'-8,101', 8,142'-8,144', 8,184'-8,186', 8,208'-8,210', 8,262'-8,264', 8,274'-8,276', AND 8,305'-8,306' AT 2 SHOTS PER FOOT FOR A TOTAL OF 24 HOLES. R/D WIRELINE.

HOLD SAFETY MEETING. B.J. R/U & TEST LINES TO 7500 PSI, HELD. SLICK WATER FRAC STAGE #6 (8,100' TO 8,306', 24 TOTAL HOLES).

INITIAL WELL PSI OF 0. BREAKDOWN @ 16.0 BPM WITH 1,791 PSI.

MAX RATE OF 59.0 BPM AND A MAX PSI OF 5,478. AVERAGE RATE OF 57.0 BPM AND AN AVERAGE PSI OF 3,608.

24/24 HOLES OPEN. ABLE TO GET FLUSH AWAY. LOST 2 PERFS DURING 1.00 PPA, LOST 2 PERFS DURING 1.25 PPA, AND LOST 6 PERFS DURING 1.75 PPA. FINISHED WITH 14/24.

PUMP 128,161 LBS OF 20/40 WHITE SAND. 3,663 BARRELS OF FLUID. LED WITH 750 GALS. OF 7.5% ACID.

INSTANT SHUT DOWN PSI OF 1,176. FINAL FRAC GRADIENT OF .58

OPEN WELL AT 950 ON A 24 CHOKE.



# OPERATIONS SUMMARY

Well Name: Chevron 19-3D

## Daily Operations

12/19/2007 00:00 - <End Date?>

Operations at Report Time  
ROAD RIG TO PAD

Operations Next 24 Hours  
R/U

Operations Summary  
ROAD RIG TO PAD

### Time Log

Comment

WELL DEAD.

ROAD RIG FROM CHEVRON 36-323D TO 19 PAD. ROADS HAVE SNOW. CLEAN OFF PAD.  
TRUCK IN RIG PUMP AND RIG TANK. PULL IN AIR/FOAM UNIT.

CREW TRAVEL

12/20/2007 00:00 - <End Date?>

Operations at Report Time  
CAN'T R/U, TOO WINDY

Operations Next 24 Hours  
R/U

Operations Summary  
CAN'T R/U, TOO WINDY

### Time Log

Comment

CREW TRAVEL

WELL DEAD

SPOT IN EQUIPMENT. SPOT IN RIG. UNABLE TO RIG UP DUE TO HIGH WIND.

CREW TRAVEL

12/21/2007 00:00 - <End Date?>

Operations at Report Time  
SAME

Operations Next 24 Hours  
R/U

Operations Summary  
SAME

### Time Log

Comment

CREW TRAVEL

0 PSI ON WELL

STILL TOO WINDY

CREW TRAVEL

12/26/2007 00:00 - <End Date?>

Operations at Report Time  
R/U P/U & RIH W/ TBG TO 5,047'

Operations Next 24 Hours  
D/O CFP

Operations Summary  
R/U P/U TBG TO 5,047'

### Time Log

Comment

MIRU BASIC RIG 1220. SPOT IN TBG FLOAT, AIR/FOAM UNIT, SWIVEL, RIG TANK, AND RIG PUMP. WELL DEAD.

ND FRAC TREE. NUBOP. R/U FLOOR, TONGS. HOOK UP BLOW DOWN LINE.

BHA CONSISTS OF 3-7/8" CHOMP BIT, BIT SUB, 1 JOINT OF 2-3/8" N-80 TBG, 1.81 "F" NIPPLE. TALLY, RABBIT, AND P/U N-80 TBG. RIH TO 5,047'.

CLOSE PIPE RAMS AND LOCK. INSTALL TIW & CLOSE.

CREW TRAVEL

12/27/2007 00:00 - <End Date?>

Operations at Report Time  
THAW EQUIP OUT, RIH TO 8,008'

Operations Next 24 Hours  
D/O CFP

Operations Summary  
THAW EQUIP, RIH TO 8,008'



# OPERATIONS SUMMARY

Well Name: Chevron 19-3D

## Time Log

Comment

CREW TRAVEL. SAFETY MEETING.

WELL DEAD.

EXTREME COLD. USE HEATERS TO THAW OUT RIG, RIG PUMP,, FOAM UNIT, ETC.

BHA CONSISTS OF 3-7/8" CHOMP BIT, BIT SUB, 1 JOINT OF 2-3/8" N-80 TBG, 1.81 "F" NIPPLE. TALLY, RABBIT, AND P/U N-80 TBG. RIH TO 8,008'.  
BREAK CIRCULATION WITH AIR/FOAM UNIT. CIRCULATE CLEAN.

CLOSE PIPE RAMS AND LOCK. INSTALL TIW & CLOSE.

CREW TRAVEL

## Daily Operations

12/28/2007 00:00 - <End Date?>

Operations at Report Time

D/O 2 CFP'S (3 LEFT)

Operations Next 24 Hours

D/O CFP

Operations Summary

D/O 2 CFP'S

## Time Log

Comment

CREW TRAVEL. SAFETY MEETING.

750 PSI ON CSG AND FLOWING TO PIT.

CIRC HOLE W/ AIR/FOAM UNIT. BHA CONSISTS OF 3-7/8" CHOMP BIT, BIT SUB, 1 JOINT OF 2-3/8" N-80 TBG, 1.81 "F" NIPPLE. TALLY, RABBIT, AND P/U N-80 TBG. RIH F/ 8,008' AND TAG SAND @ 8,275' (TOP CFP AT 8,320'). R/U SWIVEL AND BREAK CIRC. C/O TO TOP CFP.

CFP	PERFS	SAND
	8,100'-8,306'	TAG SAND 8,250'
8,320'	8,360'-8,528'	D/O
8,540'	8,600'-8,836'	D/O, TAG SAND 8,784'
8,850'	8,992'-9,226'	
9,250'	9,304'-9,445'	
9,460'	9,502'-9,708'	

DRILLED OUT 2 CFP'S. CIRC SAND OUT F/ 8,784' TO 8,842'. LOT OF WATER & SAND IN RETURNS. CIRC TILL CLEAN. R/D SWIVEL. PUH TO 8,008'.  
CLOSE PIPE RAMS AND LOCK. INSTALL TIW & CLOSE. HAVE 3 CFP LEFT TO D/O.

CREW TRAVEL

12/29/2007 00:00 - <End Date?>

Operations at Report Time

D/O 1 CFP

Operations Next 24 Hours

FIN D/O

Operations Summary

D/O 1 CFP



# OPERATIONS SUMMARY

Well Name: Chevron 19-3D

## Time Log

Comment

CREW TRAVEL. SAFETY MEETING.

800 PSI ON CSG AND FLOWING TO PIT.

OPEN & REMOVE TIW VALVE. OPEN PIPE RAMS. BHA CONSISTS OF 3-7/8" CHOMP BIT, BIT SUB, 1 JOINT OF 2-3/8" N-80 TBG, 1.81 "F" NIPPLE. TALLY, RABBIT, AND P/U N-80 TBG. RIH F/ 8,008'. R/U SWIVEL @ 8,784'. TAG SAND @ 8,830' (CFP AT 8,850'). BREAK CIRC. D/O CFP

CFP	PERFS	SAND
	8,100'-8,306'	TAG SAND 8,250'
8,320'	8,360'-8,528'	D/O
8,540'	8,600'-8,836'	D/O, TAG SAND 8,830'
8,850'	8,992'-9,226'	D/O
9,250'	9,304'-9,445'	
9,460'	9,502'-9,708'	

DRILLED OUT 1 CFP. TOOK KICK W/ PSI JUMPING UP TO 2,150 PSI. LOT OF WATER & SAND IN RETURNS. R/D SWIVEL. PUMP 90 BBL OF WATER & TRIP OUT TO 7,993'. CLOSE PIPE RAMS AND LOCK. INSTALL TIW & CLOSE. HAVE 2 CFP LEFT TO D/O.

CREW TRAVEL

## Daily Operations

12/30/2007 00:00 - <End Date?>

Operations at Report Time

D/O LAST 2 CFP, LAND TBG

Operations Next 24 Hours

ROAD TO 18-25D

Operations Summary

RDWOR



# OPERATIONS SUMMARY

Well Name: Chevron 19-3D

## Time Log

Comment

CREW TRAVEL. SAFETY MEETING.

1,350 PSI ON CSG AND FLOWING TO PIT.

OPEN & REMOVE TIW VALVE. OPEN PIPE RAMS. BHA CONSISTS OF 3-7/8" CHOMP BIT, BIT SUB, 1 JOINT OF 2-3/8" N-80 TBG, 1.81 "F" NIPPLE, TALLY, RABBIT, AND P/U N-80 TBG. RIH F/ 7,993'. RIH TO 9,104' & R/U SWIVEL. CIRC W/ AIR/FOAM. RIH & TAG CFP @ 9,250'. D/O CFP

CFP	PERFS	SAND
	8,100'-8,306'	TAG SAND 8,250'
8,320'	8,360'-8,528'	D/O
8,540'	8,600'-8,836'	D/O, TAG SAND 8,830'
8,850'	8,992'-9,226'	D/O
9,250'	9,304'-9,445'	D/O
9.460'	9,502'-9,708'	D/O

DRILLED OUT 2 CFP. TAG SAND @ 9,708'. C/O RAT HOLE TO 9,947'. CIRC CLEAN. PUH OUT OF RAT HOLE. R/D SWIVEL. L/D TBG TO 9.469'.

NDBOPE & NUWH. PUMP OFF BIT. LEAVE WELL FLOWING UP CSG.

BHA:

KB	20.00	
TBG. HANGER	.85	
313 JOINTS N-80 2-3/8" TBG.	9,416.55	
1.81 "F" NIPPLE		.84
1 JOINT SAME	30.31	
PUMP OFF SUB		.64

EOT = 9,469.19'

RDWOR

WEATHER COLD & WIND BLOWING.

CREW TRAVEL

CREW TRAVEL

## Daily Operations

8/8/2008 00:00 - <End Date?>

Operations at Report Time  
ROAD RIG RIG UP

Operations Next 24 Hours  
LAY DOWN PIPE

Operations Summary  
ROAD RIG RIG UP POOH

## Time Log

Comment

BASIC RIG 1220 CREW TRAVEL  
ROAD RIG & EQUIPMENT FROM 12 PAD TO 19 PAD SPOT IN RIG & EQUIPMENT & FLOAT  
LAY HARD LINE SET DEAD MEN RIG UP RIG  
CP 750 PSI TP 550 PSI PUMP A KILL ON TBG 25 BBL N/D WELL HEAD STAB TIW VALVE IN HANGER N/U BOP  
RIG UP FLOOR PUMP 40 BBL KILL ON CASING WORK HANGER FREE PULLED 70,000 ON TBG POOH 130 JTS  
SHUT PIPE RAMS STAB TIW VALVE SDFN  
CREW TRAVEL

8/11/2008 00:00 - <End Date?>

Operations at Report Time  
L/D PIPE

Operations Next 24 Hours  
N/U BOP L/D PIPE

Operations Summary  
L/D PIPE N/D BOPE R/D RIG



# OPERATIONS SUMMARY

Well Name: Chevron 19-3D

## Time Log

Comment

BASIC RIG 1220 CREW TRAVEL  
CP 1000 PSI TP 1000 PSI PUMP KIL ON TBG 20 BBL PUMP KIL ON CASING 30 BBL  
OPEN PIPE RAMS TAKE OUT TIW VALVE POOH 184 JTS WAIT ON WELL HEAD INC  
N/D BOP N/U FARC TREE PRESSER TEST FRAC TREE R/D RIG MOVE OVER 19-15D

## Daily Operations

8/13/2008 00:00 - <End Date?>

Operations at Report Time

Operations Next 24 Hours

Operations Summary  
SET KILL PLUG

## Time Log

Comment

ROCKY MOUNTAIN WIRELINE CREW TRAVEL  
RIG UP RIH WITH GAGE RING & JUNK BASKET TO 8120 POOH  
RIH WITH KILL PLUG SET @ 8080 POOH R/D MOVE OVER TO 19-15D  
BLOW DOWN WELL PRESSER TEST TO 4500 PSI

8/15/2008 00:00 - <End Date?>

Operations at Report Time

Operations Next 24 Hours

Operations Summary

## Time Log

Comment

8/18/2008 00:00 - <End Date?>

Operations at Report Time

Operations Next 24 Hours

PERF STG #7

FRAC STG #7

Operations Summary  
SIWP- O. CBP SET @ 8080'.  
RU SCHLUMBERGER TO PERF STG #7. PERF STG #7 F/ 7,917'-7,918', 7,934'-7,936', 7,968'-7,970', 7,788'-7,990', 8,033'-8,034', 8,046'-8,048', 8,058'-8,059'.  
1 TO 2 SPF. 22 HOLES.  
RU BJ. HAVING ELECTRICAL PROBLEMS W/ BLENDER. COULD NOT FRAC. SDFN

## Time Log

Comment

SIWP- O. CBP SET @ 8080'.  
RU SCHLUMBERGER TO PERF STG #7. PERF STG #7 F/ 7,917'-7,918', 7,934'-7,936', 7,968'-7,970', 7,788'-7,990', 8,033'-8,034', 8,046'-8,048', 8,058'-8,059'.  
1 TO 2 SPF. 22 HOLES. RU BJ. HAVING ELECTRICAL PROBLEMS W/ BLENDER. COULD NOT FRAC. SDFN

8/19/2008 00:00 - <End Date?>

Operations at Report Time

Operations Next 24 Hours

FRAC STG #7

FLOW

Operations Summary  
SIWP- O. RU BJ TO FRAC STG #7.  
HOLD SAFETY MEETING. TEST LINES TO 7,500- PSI.HELD. OPEN WELL 0-PSI. SLICK WATER FRAC STG #7. PERFS F/ 7,917'-8,059'. 22 HOLES.  
BREAKDOWN @ 1435 PSI @ 8 BPM. LOST 2 HOLES ON .50 PPG SAND, LOST 2 HOLES ON 1.00 PPG SAND, LOST 4 HOLES ON 1.25 PPG SAND, LOST 4 HOLES ON 1.50 PPG SAND & WENT TO FLUSH. FINISH W/ 10/22 HOLES.  
MAX RATE 54 BPM. MAX PSI 5561. AVG RATE 49 BPM. AVG PSI 3173. TOTAL SAND 95.014 LBS 20/40 WHITE. 80.5 % OF SAND PUMPED. LED W/ 750 GALS 15% ACID.  
ISIP ON PAD 530- PSI. FRAC GRADIENT .50, ISIP AFTER FRAC 938- PSI. FRAC GRADIENT .56. SHUT WELL IN.

## Time Log

Comment

SIWP- O. RU BJ TO FRAC STG #7.  
HOLD SAFETY MEETING. TEST LINES TO 7,500- PSI.HELD. OPEN WELL 0-PSI. SLICK WATER FRAC STG #7. PERFS F/ 7,917'-8,059'. 22 HOLES.  
BREAKDOWN @ 1435 PSI @ 8 BPM. LOST 2 HOLES ON .50 PPG SAND, LOST 2 HOLES ON 1.00 PPG SAND, LOST 4 HOLES ON 1.25 PPG SAND, LOST 4 HOLES ON 1.50 PPG SAND & WENT TO FLUSH. FINISH W/ 10/22 HOLES.  
MAX RATE 54 BPM. MAX PSI 5561. AVG RATE 49 BPM. AVG PSI 3173. TOTAL SAND 95.014 LBS 20/40 WHITE. 80.5 % OF SAND PUMPED. LED W/ 750 GALS 15% ACID.  
ISIP ON PAD 530- PSI. FRAC GRADIENT .50, ISIP AFTER FRAC 938- PSI. FRAC GRADIENT .56. SHUT WELL IN.



# OPERATIONS SUMMARY

Well Name: Chevron 19-3D

## Daily Operations

8/20/2008 00:00 - <End Date?>

Operations at Report Time

PERF & FRAC STG #8

Operations Next 24 Hours

SHUT WELL IN

Operations Summary

SIWP- 0.

RU BJ TO FRAC STG #8, FLUSH WELL TO TOP PERF @ 7/917'.

RU SCHLUMBERGER TO PERF STG #8. SET HALCO 8K CFP @ 7,890'. PERF STG #8 F/ 7,658'-7,660', 7,676'-7,678', 7,711'-7,713', 7,761'-7,762', 7,776'-7,778', 7,802'-7,804', 7,858'-7,860', 7,869'-7,870'. 1 TO 2 SPF.

HOLD SAFETY MEETING. TEST LINES TO 7,500- PSI. HELD. OPEN WELL 0-PSI. SLICK WATER FRAC STG #8. PERFS F/ 7,658'-7,870'. 28 HOLES. BREAKDOWN @ 865 PSI @ 7.9 BPM. LOST 4 HOLES ON 1.00 PPG SAND, LOST 8 HOLES ON 1.25 SAND, LOST 2 HOLES ON 1.50 PPG SAND.

SCREENED OUT @ END OF FLUSH

LEFT 1,563 # OF SAND IN CSG.

MAX RATE 58.7 BPM. MAX PSI 6500. AVG RATE 55.5 BPM. AVG PSI 3285. TOTAL SAND 151,889 LBS 20/40 WHITE. 100 % OF SAND PUMPED. LED W/ 750 GALS 15% ACID.

ISIP ON PAD 355- PSI. FRAC GRADIENT .48, ISIP. OPEN WELL ON 24/64 CHOKE @ 400 PSI.

## Time Log

Comment

SIWP- 0.

RU BJ TO FRAC STG #8, FLUSH WELL TO TOP PERF @ 7/917'.

RU SCHLUMBERGER TO PERF STG #8. SET HALCO 8K CFP @ 7,890'. PERF STG #8 F/ 7,658'-7,660', 7,676'-7,678', 7,711'-7,713', 7,761'-7,762', 7,776'-7,778', 7,802'-7,804', 7,858'-7,860', 7,869'-7,870'. 1 TO 2 SPF.

HOLD SAFETY MEETING. TEST LINES TO 7,500- PSI. HELD. OPEN WELL 0-PSI. SLICK WATER FRAC STG #8. PERFS F/ 7,658'-7,870'. 28 HOLES. BREAKDOWN @ 865 PSI @ 7.9 BPM. LOST 4 HOLES ON 1.00 PPG SAND, LOST 8 HOLES ON 1.25 SAND, LOST 2 HOLES ON 1.50 PPG SAND.

SCREENED OUT @ END OF FLUSH

LEFT 1,563 # OF SAND IN CSG.

MAX RATE 58.7 BPM. MAX PSI 6500. AVG RATE 55.5 BPM. AVG PSI 3285. TOTAL SAND 151,889 LBS 20/40 WHITE. 100 % OF SAND PUMPED. LED W/ 750 GALS 15% ACID.

ISIP ON PAD 355- PSI. FRAC GRADIENT .48, ISIP. OPEN WELL ON 24/64 CHOKE @ 400 PSI.

8/22/2008 00:00 - <End Date?>

Operations at Report Time

ROAD RIG TO LOCATION

Operations Next 24 Hours

RU RIG & EQUIPMENT

Operations Summary

ROAD RIG F/ K15 PAD TO I19 PAD. WAIT ON BJ TO MOVE EQUIPMENT OFF LOCATION. SDFN.

## Time Log

Comment

ROAD RIG F/ K15 PAD TO I19 PAD. WAIT ON BJ TO MOVE EQUIPMENT OFF LOCATION. SDFN.

8/25/2008 00:00 - <End Date?>

Operations at Report Time

MIRU BASIC 1551

Operations Next 24 Hours

C/O SAND & DRILL UP CFP'S

Operations Summary

MIRU BASIC 1551. SIWP-O. ND FRAC VALVE. NU BOPE. RU FLOOR & FLOOR EQUIPMENT. RU CIRC EQUIPMENT.

TEST BOP TO 3000 PSI, HELD. PU 3-7/8 CHOMP BIT, 1-JT 2-3/8 TBG & 1.81 F- NIPPLE. RIH W/ BHA PU 2-3/8 TBG TO TOP OF PERFS @ 7658'. FLUSH TBG W/ 30 BBLS WATER. RU POWER SWIVEL. SDFN

## Time Log

Comment

MIRU BASIC 1551. SIWP-O. ND FRAC VALVE. NU BOPE. RU FLOOR & FLOOR EQUIPMENT. RU CIRC EQUIPMENT.

TEST BOP TO 3000 PSI, HELD. PU 3-7/8 CHOMP BIT, 1-JT 2-3/8 TBG & 1.81 F- NIPPLE. RIH W/ BHA PU 2-3/8 TBG TO TOP OF PERFS @ 7658'. FLUSH TBG W/ 30 BBLS WATER. RU POWER SWIVEL. SDFN

8/26/2008 00:00 - <End Date?>

Operations at Report Time

C/O SAND & DRILL UP CFP'S

Operations Next 24 Hours

C/O SAND, DRILL UP CBP, LAND TBG

Operations Summary

SIWP-O. BREAK CIRC ABOVE PERFS W/ NITROGEN FOAM UNIT. RIH F/ TOP OF PERFS W/ 3-7/8 CHOMP BIT, TAG SAND @ 7,697'.

RU POWER SWIVEL. BREAK CIRC. C/O SAND & DRILL UP CFP @ 7,890'. RIH, TAG SAND @ 7,941'. C/O SAND TO CBP @ 8,080'.

CIRC WELL CLEAN FOR 2-HRS. MAKING LOTS OF WATER. RD SWIVEL. PULL ABOVE PERFS. FLOW CSG WELL FOR 1-1/2 HR ON 48/64 CHOKE, SLIGHT FLOW. CIRC WELL W/ NITROGEN FOAM UNIT FOR 3-HRS. FLOW WELL TO TANK OVERNIGHT. SDFN.

NOTE"- BEFORE DRILLING UP CBP @ 8,080', MAKING SURE UPPER PERFS ARE FLOWING.

## Time Log

Comment

SIWP-O. BREAK CIRC ABOVE PERFS W/ NITROGEN FOAM UNIT. RIH F/ TOP OF PERFS W/ 3-7/8 CHOMP BIT, TAG SAND @ 7,697'.

RU POWER SWIVEL. BREAK CIRC. C/O SAND & DRILL UP CFP @ 7,890'. RIH, TAG SAND @ 7,941'. C/O SAND TO CBP @ 8,080'.

CIRC WELL CLEAN FOR 2-HRS. MAKING LOTS OF WATER. RD SWIVEL. PULL ABOVE PERFS. FLOW CSG WELL FOR 1-1/2 HR ON 48/64 CHOKE, SLIGHT FLOW. CIRC WELL W/ NITROGEN FOAM UNIT FOR 3-HRS. FLOW WELL TO TANK OVERNIGHT. SDFN.

NOTE"- BEFORE DRILLING UP CBP @ 8,080', MAKING SURE UPPER PERFS ARE FLOWING.



# OPERATIONS SUMMARY

Well Name: Chevron 19-3D

## Daily Operations

8/27/2008 00:00 - <End Date?>

Operations at Report Time

C/O TO CBP @ 8080'

Operations Next 24 Hours

C/O SAND & DRILL UP CBP @ 8080

### Operations Summary

CSG FLOWING @ 350 PSI ON 32/64 CHOKE, MAKING 60 BBLS 1-HR. OPEN WELL ON 48/64 CHOKE, FLOW WELL FOR 1-HR. MAKING 80 BBLS 1-HR. RIH F/ TOP OF PERFS W/ 3-7/8 CHOMP BIT, TAG 100' HIGH @ 7980'. RU POWER SWIVEL. C/O SAND TO CBP @ 8080'. CIRC WELL CLEAN FOR 2-HRS. RD SWIVEL. PULL ABOVE PERFS. FLOW WELL TO TANK OVERNIGHT TO LET UPPER PERFS CLEAN UP BEFORE DRILLING UP CBP @ 8080'. SDFN.

## Time Log

Comment

CSG FLOWING @ 350 PSI ON 32/64 CHOKE, MAKING 60 BBLS 1-HR. OPEN WELL ON 48/64 CHOKE, FLOW WELL FOR 1-HR. MAKING 80 BBLS 1-HR. RIH F/ TOP OF PERFS W/ 3-7/8 CHOMP BIT, TAG 100' HIGH @ 7980'. RU POWER SWIVEL. C/O SAND TO CBP @ 8080'. CIRC WELL CLEAN FOR 2-HRS. RD SWIVEL. PULL ABOVE PERFS. FLOW WELL TO TANK OVERNIGHT TO LET UPPER PERFS CLEAN UP BEFORE DRILLING UP CBP @ 8080'. SDFN.

8/28/2008 00:00 - <End Date?>

Operations at Report Time

DRILL UP CBP @ 8080', LAND TBG

Operations Next 24 Hours

FLOW WELL TO TANK

### Operations Summary

CSG FLOWING @ 300 PSI ON 32/64 CHOKE, MAKING 45 BBLS HOUR. RIH F/ TOP OF PERFS W/ 3-7/8 CHOMP BIT. TAG 17' HIGH @ 8063'. RU POWER SWIVEL. BREAK CIRC. C/O SAND & DRILL UP CBP @ 8080'. CIRC WELL CLEAN FOR 1-HR. RD SWIVEL. RIH TO BOTTOM PERF @ 9708'.RU SWIVEL. BREAK CIRC. C/O TO 9854', 146' BELOW BOTTOM PERF. CIRC WELL CLEAN FOR 2-HRS. RD SWIVEL. POOH TO 9451' & LAND TBG. ND BOPE, NU WELLHEAD. DROP BALL DOWN & PUMP BIT OFF. CIRC HOLE W/ NITROGEN FOAM UNIT. RU PRODUCTION LINE TO WELLHEAD. OPEN TBG TO TANK ON 32/64 CHOKE. RD RIG & EQUIPMENT.

KB	20.00
TBG HANGER	.80
309- JTS 2-3/8 TBG, N-80	9399.33
F-NIPPLE 1.81	.81
1-JT 2-3/8 TBG, N-80	29.55
PUMP OFF SUB	.65
EOT @	9451.14

## Time Log

Comment

CSG FLOWING @ 300 PSI ON 32/64 CHOKE, MAKING 45 BBLS HOUR. RIH F/ TOP OF PERFS W/ 3-7/8 CHOMP BIT. TAG 17' HIGH @ 8063'. RU POWER SWIVEL. BREAK CIRC. C/O SAND & DRILL UP CBP @ 8080'. CIRC WELL CLEAN FOR 1-HR. RD SWIVEL. RIH TO BOTTOM PERF @ 9708'.RU SWIVEL. BREAK CIRC. C/O TO 9854', 146' BELOW BOTTOM PERF. CIRC WELL CLEAN FOR 2-HRS. RD SWIVEL. POOH TO 9451' & LAND TBG. ND BOPE, NU WELLHEAD. DROP BALL DOWN & PUMP BIT OFF. CIRC HOLE W/ NITROGEN FOAM UNIT. RU PRODUCTION LINE TO WELLHEAD. OPEN TBG TO TANK ON 32/64 CHOKE. RD RIG & EQUIPMENT.

KB	20.00
TBG HANGER	.80
309- JTS 2-3/8 TBG, N-80	9399.33
F-NIPPLE 1.81	.81
1-JT 2-3/8 TBG, N-80	29.55
PUMP OFF SUB	.65
EOT @	9451.14

8/29/2008 00:00 - <End Date?>

Operations at Report Time

Operations Next 24 Hours

### Operations Summary

## Time Log

Comment