

RIG SKID

Form 3160-3
(July 1992)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN TRIPLICATE*

FORM APPROVED
OMB NO. 1040-0136
Expires: February 28, 1998

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

TYPE OF WORK

DRILL

DEEPEN

TYPE OF WELL

SINGLE ZONE

MULTIPLE ZONE

OIL WELL

GAS WELL

OTHER

SINGLE ZONE

MULTIPLE ZONE

2. NAME OF OPERATOR

QUESTAR EXPLORATION & PRODUCTION COMPANY

Contact: Jan Nelson

E-Mail: jan.nelson@questar.com

3. ADDRESS

11002 E. 17500 S. Vernal, Ut 84078

Telephone number

Phone 435-781-4331 Fax 435-781-4323

4. LOCATION OF WELL (Report location clearly and in accordance with and State requirements*)

At Surface 632257x 1387' FNL 2131' FWL, LOT 6, SECTION 4, T8S, R22E

At proposed production zone 4446127y 40.156988 -109.447100

14. DISTANCE IN MILES FROM NEAREST TOWN OR POSTOFFICE*

32 +/- SOUTHEAST OF VERNAL, UTAH

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(also to nearest drlg, unit line if any)

1387' +/-

16. NO. OF ACRES IN LEASE

907.83

17. NO. OF ACRES ASSIGNED TO THIS WELL

40

18. DISTANCE FROM PROPOSED location to nearest well, drilling, completed, applied for, on this lease, ft

680' +/-

19. PROPOSED DEPTH

17,332'

20. BLM/BIA Bond No. on file
ESB000024

21. ELEVATIONS (Show whether DF, RT, GR, ect.)

5207.1' GR

22. DATE WORK WILL START

ASAP

23. Estimated duration

75 days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan
- A surface Use Plan (if location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification.
- Such other site specific information and/or plans as may be required by the authorized officer.

SIGNED

Jan Nelson

Name (printed/typed) Laura Bills

DATE 09/03/2008

TITLE

Regulatory Affairs

(This space for Federal or State office use)

PERMIT NO.

43-047-40345

APPROVAL DATE

Application approval does not warrant or certify the applicant holds any legal or equitable title to the rights in the subject lease which would entitle the applicant to conduct operations thereon

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

Bradley G. Hill

TITLE

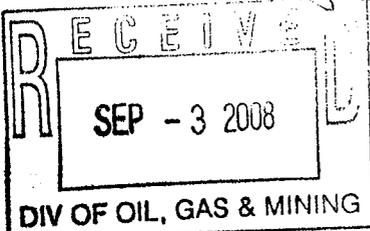
BRADLEY G. HILL
ENVIRONMENTAL MANAGER

DATE

09-4-08

*See Instructions On Reverse Side

Title 18 U.S.C Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction



**Federal Approval of this
Action is Necessary**

CONFIDENTIAL

T8S, R22E, S.L.B.&M.

QUESTAR EXPLR. & PROD.

Well location, GB #3D-4-8-22R, located as shown in Lot 6 of Section 4, T8S, R22E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

BASIS OF BEARINGS

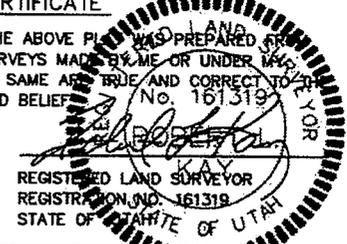
BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



SCALE

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

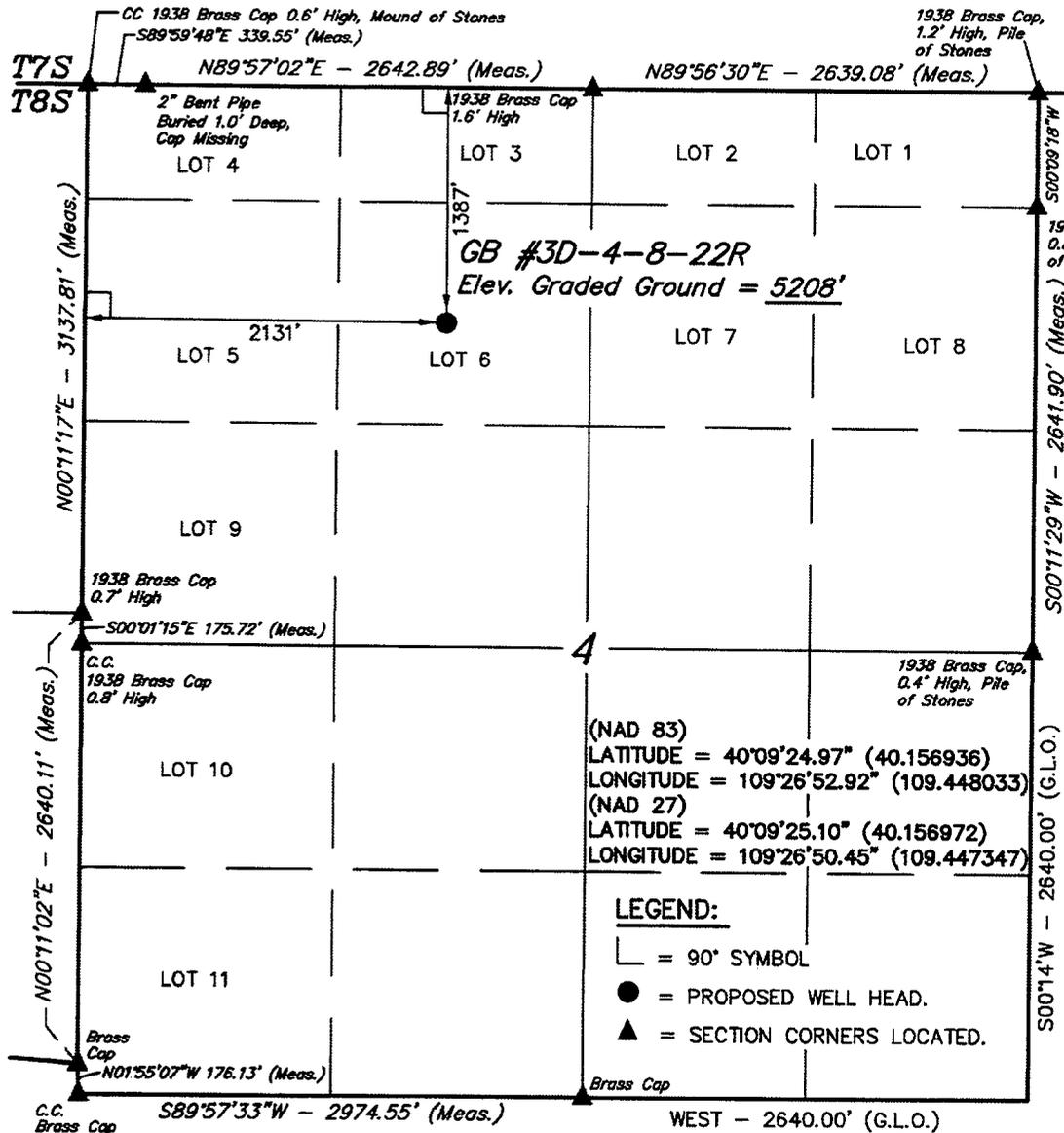


REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

REVISED: 09-03-08 M.D.

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 11-27-07	DATE DRAWN: 12-11-07
PARTY D.A. T.M. M.D.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE QUESTAR EXPLR. & PROD.	



Questar E & P

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Operations Summary Report

Legal Well Name: GB 3D-4-8-22R
 Common Well Name: GB 3D-4-8-22R
 Event Name: DRILLING
 Contractor Name: Pro Petro
 Rig Name: PRO PETRO

Start: 8/26/2008
 Rig Release: 9/6/2008
 Rig Number: 9

Spud Date: 8/30/2008
 End:
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/6/2008	06:00 - 18:00	12.00	LOC	4	MIRU	RIG DOWN MUD TANKS, TOP DRIVE & SERVICE LOOP, HAULING OBM TO UNIT 234
	18:00 - 06:00	12.00	LOC	4	MIRU	LAY DOWN SWIVEL, RIG DOWN TORQUE TUBE & TOP DRIVE POWER UNIT, LAY DOWN SWIVEL & INSTALL NEW BRIDLE LINE
9/7/2008	00:00 - 13:00	13.00	DRL	1	DRLSUR	DRILL F/ 80'-520', BLOW HOLE CLEAN, LAY DOWN DRILL STRING & RUN 13 3/8" CSG
	13:00 - 14:30	1.50	CMT	2	CSGSUR	RIG UP & CEMENT CSG WITH 500 SX PREMIUM "G" 15.8 PPG, PLUG BUMPED, FLOATS HELD, RECOVERED 20 BBLS CMT TO SURFACE
9/8/2008	-	-	-	-	-	RIG DOWN ON WV 15D-23-8-21
	06:00 - 18:00	12.00	LOC	4	MIRU	RIG DOWN- SLIP 10 WRAPS ON DRUM, BRIDLE UP, READY DERRICK & LAY OVER DERRICK, CRANE ARRIVED @ 0:900- RIGGED DOWN GASBUSTER, BUSTER LINES, FLOWLINE, SOLIDS CONTROL EQUIPMENT, BAR HOPPERS & HOPPER HOUSE, SET DOWN DOGHOUSE, PARTSHOUSE & WIDWALLS, RIGGED DOWN ALL POWER CORDS. FINISHED HAULING OBM TO UNIT 234 & RIGGED DOWN TANK FARM. RIG IS READY FOR TRUCKS
	18:00 - 06:00	12.00	LOC	4	MIRU	WAIT ON DAYLIGHT
9/9/2008	06:00 - 15:00	9.00	LOC	4	MIRU	RIG DOWN & MOVE RIG (DRILL STRINGS, HOUSES & SOLIDS CONTROL EQUIPMENT STILL ON OLD LOCATION)
	15:00 - 18:00	3.00	LOC	4	MIRU	RIG UP- LAYED DOWN LINER, SET SUB MATS & SUBS, SET STACK ON WELL HEAD (FINISHED GRADING LOCATION & WELDING ON HEAD @ 14:30)
9/9/2008	18:00 - 06:00	12.00	LOC	4	MIRU	WAIT ON DAYLIGHT
	06:00 - 18:00	12.00	LOC	4	MIRU	RIG UP- SET MUD TANKS, PINNED DERRICK, SET DOGHOUSE, PARTSHOUSE, SET BACK YARD, SET SOLIDS CONTROL EQUIPMENT & BAR HOPPERS (90% SET IN)
9/10/2008	18:00 - 06:00	12.00	LOC	4	MIRU	WAIT ON DAYLIGHT
	06:00 - 18:00	12.00	LOC	4	MIRU	RIG UP- STRING BLOCKS & RAISE DERRICK, FINISHED SETTING SOLIDS CONTROL EQUIPMENT, RIG UP BUSTER LINES & FLARE LINES, SET OBM TANKS & HOUSES, CONTINUE WITH GENERAL RIG UP. (60% RIGGED UP) (UNIT MECHANICS INSPECTED DRAWWORKS, PUMPS & TOP DRIVE & ARE CHANGING HYDRAULIC HOSES IN SERVICE LOOP ON TOP DRIVE)
9/11/2008	18:00 - 06:00	12.00	LOC	4	MIRU	WAIT ON DAYLIGHT
	06:00 - 18:00	12.00	LOC	4	MIRU	RIG UP-RIGGED UP FLOOR, BRIDLED DOWN, RIGGED UP SOLIDS CONTROL EQUIPMENT, REPLACED BAD AGITATOR ON PITS, Poured CONCRETE IN CELLAR, STARTED RIGGING UP TORQUE TUBE (TESCO MECHANICS FINISHED CHANGING HYDRAULIC HOSES ON POWER UNIT BUT STILL WAITING FOR NEW VALVES, VALVES DUE TO ARRIVE IN THE MORNING)
9/12/2008	18:00 - 06:00	12.00	LOC	4	MIRU	RIG UP- HOOK UP FLOWLINE, NIPPLE UP CHOKE LINE & KILL LINE, RIG UP MUD TANKS & START FILLING TANKS, HOOK UP MUD LINES
	06:00 - 18:00	12.00	LOC	4	MIRU	NIPPLE UP, HANG SERVICE LOOP FOR TOPDRIVE AND HOOK TO SAME, UNPIN FROM CRADLE AND LD, INSTALL HIGH PRESSURE VALVES TO NEW SERVICE LOOP, INSTALL WHIP CHECKS AND FINISH GROUNDING BUILDINGS - TORQUE UP BOP'S
	18:00 - 22:00	4.00	LOC	4	MIRU	KEEP RIGGING UP TOP DRIVE, BALES, ELEVATORS, KELLY VALVES AND SAVER SUB, HOOK TOP DRIVE TO TORQUE TUBE
	22:00 - 04:00	6.00	BOP	2	MIRU	5000 PSI TEST ON BOP'S - OK

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 Rig Name: PRO PETRO
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 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/12/2008	04:00 - 06:00	2.00	LOC	4	MIRU	RIG UP PROTECTION TART ON SERVICE LOOP, START HOOKING UP MANIFOLD TO RT. HEAD FROM FILL UP LINE AND TRIP TANK, HOOK UP KELLY HOSE, WILL BE PICKING UP BHA AND TESTING LINES THIS AM, DRILL OUT, FIT, TRIP OUT AND IN, DRILL AHEAD
9/13/2008	06:00 - 12:00	6.00	LOC	4	DRLIN1	FINISH GROUNDING RIG AND OTHER SMALL ITEMS, FIX LINES ON TOP DRIVE LOOP, RIG UP CELLAR AND DRIP PANS FOR DRILLING
	12:00 - 13:00	1.00	BOP	1	DRLIN1	INSTALL WEARBUSHING
	13:00 - 17:30	4.50	TRP	1	DRLIN1	HANDLE BIT, BIT SUB AND IBS, PICK UP BHA FOR DRILL OUT
	17:30 - 18:00	0.50	OTH		DRLIN1	PRESSURE TEST MUD LINES - REPAIR LEAKS
	18:00 - 19:00	1.00	OTH		DRLIN1	FINISH TESTING LINES AND FIXING LEAKS
	19:00 - 22:30	3.50	DRL	4	DRLIN1	DRILL 33' CEMENT BEFORE PLUG, PLUG RIGHT AT 492'
	22:30 - 23:00	0.50	CIRC	1	DRLIN1	SWEEP HOLE FOR FIT
	23:00 - 23:30	0.50	EQT	2	DRLIN1	FIT = 11.0 MUD EQUIVLENT WITH TEST MUD AT 8.6 - 73 PSI AT SURFACE - OK
	23:30 - 00:30	1.00	TRP	10	DRLIN1	TRIP OUT FOR CSX TOOLS
	00:30 - 01:30	1.00	TRP	1	DRLIN1	HANDLE BHA
	01:30 - 02:30	1.00	RIG	1	DRLIN1	SERVICE RIG AND TOP DRIVE
	02:30 - 03:00	0.50	TRP	2	DRLIN1	TRIP IN TO HOLE WITH NEW ASSEMBLY
	03:00 - 06:00	3.00	DRL	1	DRLIN1	DRILL FROM 535 TO 745
9/14/2008	06:00 - 16:00	10.00	DRL	1	DRLIN1	DRILL FROM 745 TO 1081
	16:00 - 16:30	0.50	CIRC	1	DRLIN1	PUMP SWEEP AND CIRC. FOR SURVEY
	16:30 - 17:00	0.50	SUR	1	DRLIN1	SURVEY - DEPTH = 985 - .2 - 187.5
	17:00 - 18:00	1.00	RIG	1	DRLIN1	SERVICE RIG AND TOP DRIVE
	18:00 - 21:00	3.00	DRL	1	DRLIN1	HAND DRILL FROM 1081 TO 1203 - PASON COMPUTER DOWN - DRILLED BLIND WHILE DOING REPAIRS
	21:00 - 00:00	3.00	DRL	1	DRLIN1	DRILL FROM 1203 TO 1270
	00:00 - 01:00	1.00	CIRC	1	DRLIN1	SLOW PUMP RATES AND CONNECTIONS FOR BOTH CREWS AND CHANGE OUT KELLY JOINT
9/15/2008	01:00 - 06:00	5.00	DRL	1	DRLIN1	DRILL FROM 1270 TO 1475 - TORQUE HIGH FROM TOOLS IN HOLE
	06:00 - 15:30	9.50	DRL	1	DRLIN1	DRILL FROM 1475 TO 1725
	15:30 - 16:30	1.00	RIG	1	DRLIN1	SERVICE RIG AND TOP DRIVE
	16:30 - 17:00	0.50	SUR	1	DRLIN1	SURVEY DEPTH = 1629 - .2 - 179.4
	17:00 - 18:00	1.00	DRL	1	DRLIN1	DRILL FROM 1725 TO 1765
	18:00 - 21:00	3.00	DRL	1	DRLIN1	DRILL BY HAND WAITING FOR PASON TO SHOW UP WITH PARTS - 1765 TO 1832
	21:00 - 22:00	1.00	OTH		DRLIN1	REPAIR PASON AUTO DIGGER AND CHANGE OUT ENCODER
22:00 - 06:00	8.00	DRL	1	DRLIN1	DRILL FROM 1832 TO 2126 - MUD WT. INCREASED DUE TO SOME SLOUGHING	
9/16/2008	06:00 - 15:00	9.00	DRL	1	DRLSUR	DRILL 12.25" HOLE FROM 2126 FEET TO 2361 FEET
	15:00 - 16:00	1.00	RIG	1	DRLSUR	RIG SERVICE
	16:00 - 18:00	2.00	DRL	1	DRLSUR	DRILL 12.25" HOLE FROM 2361 FEET TO 2424 FEET
	18:00 - 19:00	1.00	SUR	1	DRLSUR	WIRELINE SURVEY - .4 - 2337' - 201.6
	19:00 - 21:00	2.00	DRL	1	DRLSUR	DRILL FROM 2424 TO 2489
	21:00 - 22:00	1.00	CIRC	1	DRLSUR	SLOW PUMP RATES AND CONNECTIONS FOR BOTH CREWS
9/17/2008	22:00 - 06:00	8.00	DRL	1	DRLSUR	DRILL FROM 2489 TO 2766
	06:00 - 15:30	9.50	DRL	1	CSGIN1	DRILL FROM 2766 TO 3079
	15:30 - 16:30	1.00	RIG	1	CSGIN1	SERVICE RIG AND TOP DRIVE
	16:30 - 18:00	1.50	DRL	1	CSGIN1	DRILL FROM 3079 TO 3111
	18:00 - 18:30	0.50	CIRC	1	CSGIN1	CLEAN POSSUM BELLIES - PLUGGED
	18:30 - 21:00	2.50	DRL	1	CSGIN1	DRILL FROM 3111 TO 3175
	21:00 - 21:30	0.50	RIG	2	CSGIN1	CHANGE OUT FUEL FILTERS ON FUEL RAIL FOR #1 MOTOR
	21:30 - 03:00	5.50	DRL	1	CSGIN1	DRILL FROM 3175 TO 3296
	03:00 - 05:00	2.00	FISH	3	CSGIN1	JAR ON STRING TO FREE UP - ROTARY STALLED - COULD NOT

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 Start: 8/26/2008
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 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations	
9/17/2008	03:00 - 05:00	2.00	FISH	3	CSGIN1	CIRCULATE	
	05:00 - 06:00	1.00	CIRC	1	CSGIN1	CIRCULATE HOLE CLEAN WHILE SLOWLY REAMING UP	
9/18/2008	06:00 - 08:00	2.00	REAM	1	DRLIN1	BACK REAM 180' OUT OF HOLE WHILE CIRCULATING AT FULL GPM - LOST 215 BBLS WORKING FREE AND REAMING	
	08:00 - 14:00	6.00	DRL	1	DRLIN1	DRILL FROM 3296 TO 3420	
	14:00 - 15:00	1.00	RIG	1	DRLIN1	SERVICE RIG AND TOP DRIVE	
	15:00 - 18:00	3.00	DRL	1	DRLIN1	DRILL FROM 3420 TO 3485	
	18:00 - 03:00	9.00	DRL	1	DRLIN1	DRILL FROM 3485 TO 3651	
9/19/2008	03:00 - 06:00	3.00	RIG	2	DRLIN1	#2 PUMP - WEAR PLATE, BOTH GASKETS, SWAB, LINER LOOKS OK,	
	06:00 - 09:30	3.50	DRL	1	DRLIN1	DRILL FROM 3651 TO 3694 - ROP SLOWED - JETS PLUGGING - PSI UP TO 3500	
	09:30 - 10:30	1.00	RIG	1	DRLIN1	SERVICE RIG AND TOP DRIVE	
	10:30 - 11:00	0.50	SUR	1	DRLIN1	DROP SERVEY - DEPTH = 3609 - .6 - 184.3	
	11:00 - 11:30	0.50	CIRC	1	DRLIN1	FLOW CHECK - OK	
	11:30 - 12:30	1.00	CIRC	1	DRLIN1	SPOT LCM PILL ALONG WITH TRIP SLUG - VALVE PROBLEM IN PILL TANK	
	12:30 - 15:00	2.50	TRP	10	DRLIN1	TRIP OUT - BACK REAM 10 STANDS OUT - HOLE CLEAN AFTER THAT - BIT NOW PLUGGED - TRIP OUT WET	
	15:00 - 15:30	0.50	BOP	1	DRLIN1	PULL RT. HEAD	
	15:30 - 18:00	2.50	TRP	10	DRLIN1	FINISH WET TRIP OUT	
	18:00 - 19:00	1.00	TRP	1	DRLIN1	LD MOTOR, HOLE OPENER ECT	
	19:00 - 19:30	0.50	OTH		DRLIN1	CLEAN FLOOR FOR TRIP IN	
	19:30 - 20:00	0.50	TRP	1	DRLIN1	PICK UP BIT AND MM	
	20:00 - 20:30	0.50	CIRC	1	DRLIN1	SURFACE TEST MM -	
	20:30 - 23:00	2.50	TRP	1	DRLIN1	TRIP BHA IN TO HOLE	
	23:00 - 23:30	0.50	CIRC	1	DRLIN1	CIRCULATE HOLE CLEAN AT 2200'	
	23:30 - 02:00	2.50	TRP	2	DRLIN1	TRIP IN TO HOLE AND WASH AND REAM FROM 2970 TO 3650	
	02:00 - 03:00	1.00	DRL	1	DRLIN1	DRILL RAT HOLE FROM HOLE OPENER	
	03:00 - 06:00	3.00	DRL	1	DRLIN1	DRILL FROM 3694 TO 3745 - TORQUE SMOOTH - SEEPING 4 BBLS PER HOUR - BOTH SHAKERS BYPASSED - 10% LCM IN ACTIVE SYSTEM	
	9/20/2008	06:00 - 12:00	6.00	DRL	1	DRLIN1	DRILL FROM 3745 TO 3900
		12:00 - 13:00	1.00	RIG	1	DRLIN1	SERVICE RIG AND TOP DRIVE
13:00 - 17:00		4.00	DRL	1	DRLIN1	DRILL FROM 3900 TO 4018 -	
17:00 - 18:00		1.00	RIG	2	DRLIN1	REPAIR PUMP - #1 PUMP - SWAB AND SEAT FROM SOLIDS AND LCM IN ACTIVE SYSTEM	
18:00 - 18:50		0.83	RIG	2	DRLIN1	FINISH PUMP REPAIR	
9/21/2008	18:50 - 06:00	11.17	DRL	1	DRLIN1	DRILL FROM 4018 TO 4235 - HOLE SEEPING AT 5 BBLS PER NOW WITH SHAKERS BYPASSED AND 12 % LCM IN ACTIVE SYSTEM - HALLIBURTON BULK TANK SHOWED UP AT 2200	
	06:00 - 11:30	5.50	DRL	1	DRLIN1	DRILL FROM 4235 TO 4301	
	11:30 - 12:00	0.50	DRL	1	DRLIN1	PUMP SWEEPS AND DIFFERANT PERAMATERS - WONT DRILL	
	12:00 - 12:30	0.50	CIRC	1	DRLIN1	SPOT LCM SWEEP - PUMP TRIP SLUG	
	12:30 - 14:30	2.00	TRP	10	DRLIN1	TRIP OUT FOR BIT	
	14:30 - 15:00	0.50	BOP	1	DRLIN1	PULL RT HEAD	
	15:00 - 17:00	2.00	TRP	10	DRLIN1	TRIP BHA OUT	
	17:00 - 18:00	1.00	TRP	1	DRLIN1	DRAIN AND LD MM AND BIT - PICK UP SAME	
	18:00 - 18:30	0.50	CIRC	1	DRLIN1	SURFACE TEST MM	
	18:30 - 20:30	2.00	TRP	2	DRLIN1	TRIP BHA IN - FILL AT HW - CIRCULATE TRIP SLUG OUT AT 2000' - WORK TIGHT SPOT AT 2218'	
	20:30 - 21:00	0.50	BOP	1	DRLIN1	INSTALL RT. HEAD	
	21:00 - 21:30	0.50	TRP	2	DRLIN1	TRIP TO 2850 - GOT TIGHT - KELLY UP	

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Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/21/2008	21:30 - 22:00	0.50	REAM	1	DRLIN1	WASH AND REAM 2850 TO 3150 - HOLE CLEAN
	22:00 - 22:30	0.50	TRP	2	DRLIN1	TRIP TO 3468 - LOST RETURNS
	22:30 - 23:00	0.50	CIRC	2	DRLIN1	LOST TOTAL RETURNS - SPOT 25% LCM PILL
	23:00 - 23:30	0.50	TRP	2	DRLIN1	TRIP OUT TO 3150
	23:30 - 00:00	0.50	CIRC	2	DRLIN1	ATTEMPT TO REGAIN CIRC. WITH NO LUCK
	00:00 - 00:30	0.50	TRP	2	DRLIN1	TRIP OUT TO 2800
	00:30 - 02:00	1.50	CIRC	1	DRLIN1	REGAINED CIRCULATION AND BUILD VOLUME - THEN WE LOST TOTAL RETURNS AFTER 1.5 HOURS ON SPR
	02:00 - 03:00	1.00	TRP	2	DRLIN1	TRIP BACK TO 3500' TO SPOT 125 BBLs OF 35% LCM PILL
	03:00 - 04:00	1.00	CIRC	1	DRLIN1	SPOT 125 BBLs OF 35% LCM
	04:00 - 05:00	1.00	TRP	2	DRLIN1	TRIP IN TO HOLE TO 4100'
9/22/2008	05:00 - 06:00	1.00	REAM	1	DRLIN1	WASH AND REAM FROM 4100 TO 4250 - 610 BBLs LOSS FOR LAST 24 HOURS
	06:00 - 07:30	1.50	REAM	1	DRLIN1	FINISH SAFETY REAM FROM 4250 TO 4301 - TOOK 10K TO REAM DOWN
	07:30 - 13:00	5.50	DRL	1	DRLIN1	DRILL FROM 4301 TO 4366
	13:00 - 14:00	1.00	RIG	1	DRLIN1	SERVICE RIG AND TOP DRIVE
	14:00 - 18:00	4.00	DRL	1	DRLIN1	DRILL FROM 4366 TO 4426
	18:00 - 02:00	8.00	DRL	1	DRLIN1	DRILL FROM 4426 TO 4526
	02:00 - 03:00	1.00	RIG	2	DRLIN1	CHANGE OUT SWAB ON #2 PUMP
	03:00 - 05:00	2.00	DRL	1	DRLIN1	DRILL FROM 4526 TO 4546 - DRILLING LIGHT FRACTURES AT PRESENT - TD = 4612 - SEEPING 5-7 BBLs PH
	05:00 - 06:00	1.00	RIG	2	DRLIN1	CHANGE OUT ANOTHER SWAB ON PUMP
	9/23/2008	06:00 - 09:30	3.50	DRL	1	DRLIN1
09:30 - 10:30		1.00	RIG	2	DRLIN1	SERVICE RIG AND TOP DRIVE
10:30 - 14:30		4.00	DRL	1	DRLIN1	DRILL FROM 4580 TO 4612 - RAN 33K TO 36K ON BIT TO GET TO DRILL LAST 20' - T.D. FOR CASING
14:30 - 15:00		0.50	CIRC	1	DRLIN1	CIRCULATE BOTTOMS UP
15:00 - 15:30		0.50	SUR	1	DRLIN1	DROP SURVEY - 4540' - 3.8 - 223.6
15:30 - 16:00		0.50	CIRC	1	DRLIN1	SPOT LCM SWEEP AND TRIP SLUG
16:00 - 17:30		1.50	TRP	2	DRLIN1	TRIP OUT TO RUN CASING
17:30 - 18:00		0.50	BOP	1	DRLIN1	PULL RT. HEAD
18:00 - 20:00		2.00	TRP	2	DRLIN1	FINISH TRIP OUT TO 8" BHA
20:00 - 21:00		1.00	TRP	1	DRLIN1	LD 8" BHA AND MM - BIT
9/24/2008	21:00 - 21:30	0.50	BOP	1	DRLIN1	PULL WEAR BUSHING
	21:30 - 23:30	2.00	CSG	1	CSGIN1	HOLD SAFETY MEETING AND RIG UP CASING CREW
	23:30 - 06:00	6.50	CSG	2	CSGIN1	PICK UP AND RUN CASING - AT 0800 WE ARE AT 4378 - TRYING TO WORK THRU TIGHT SPOT - PUMPING DOES NOT HELP - NO RETURNS AT ALL
	06:00 - 14:30	8.50	CSG	2	CSGIN1	FINISH CIRCULATING AND BEATING CASING DOWN - SET LANDING JOINT
	14:30 - 15:30	1.00	CSG	1	CSGIN1	RIG DOWN CASING CREW
	15:30 - 18:00	2.50	BOP	1	CSGIN1	INSTALL PACK-OFF - TEST - CALLED BLM ON BOP TEST TIME - WILL NOT MAKE IT - CLEAN MUD TANKS, WHAT WAS LEFT ANYWAY, BUILD 1140 BBLs OF NEW MUD - WILL BE DONE BY 0600 HOURS
	18:00 - 19:30	1.50	BOP	1	CSGIN1	FINISH PACKOFF TEST - SET CEMENT ISOLATION TOOL
	19:30 - 20:00	0.50	CMT	1	CSGIN1	HOLD SAFETY MEETING
	20:00 - 22:00	2.00	CMT	1	CSGIN1	PAINFULLY FINISH RIGGING UP HALLIBURTON
	22:00 - 02:30	4.50	CMT	2	CSGIN1	PRESSURE TEST LINES TO 5000 PSI. PRESSURE TEST N2 LINES TO 7000 PSI. PUMP SPACER TRAIN (50 BBLs AT 5 BPM) 10 FRESH, 30 SUPER FLUSH XLC W/ TUF FIBRE, 10 FRESH, PUMP SCAVENGER CEMENT, 30 BBLs @ 5 BBLs PM, DENSITY = 14.3

Operations Summary Report

Legal Well Name: GB 3D-4-8-22R
 Common Well Name: GB 3D-4-8-22R
 Event Name: DRILLING
 Contractor Name: Pro Petro
 Rig Name: PRO PETRO
 Start: 8/26/2008
 Rig Release: 9/6/2008
 Rig Number: 9
 Spud Date: 8/30/2008
 End:
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/24/2008	22:00 - 02:30	4.50	CMT	2	CSGIN1	PPG, FOAM DENSITY = 7 PPG, QUALITY = 51.05%, YIELD = 1.48 FT3/SK, WATER REQ. = 6.44 GAL/SK - PUMP FIRST LEAD CEMENT, 155 BBL @ 5 BPM, DENSITY = 14.3 PPG, FOAM DENSITY = 8.5 PPG, QUALITY = 40.56%, YIELD = 1.48 FT3/SK, WATER REQ. = 6.44 GAL/SK - PUMP SECOND LEAD CEMENT, DENSITY = 14.3 PPG, FOAM DENSITY = 11 PPG, QUALITY = 23.08%, YIELD = 1.48 FT3/SK, WATER REQ. = 6.44 GAL/SK - PUMP TAIL - 62 BBL @ 5 BPM, DENSITY = 14.3 PPG, YIELD = 1.48 FT3/SK, WATER REQ. = 6.44 GAL/SK, DROP PLUG AND WASH ON TOP. PUMP 334 BBLs DISPLACEMENT = 150 BBL @ 60BPM, 120 @ 5 BPM, 40 BBL @ 3 BPM, 23.94 BBL @ 2 BPM, BUMP PLUG AT 670 PSI TO 1380 - HELD FOR 30 MIN. FLOAT HELD - PUMP CAP CEMENT @ 55.2 BBL @ 3 BPM - DENSITY = 14.6, YIELD = 1.55 FT3/SK, WATER REQ. = 7.35 GAL/SK, PUMP 3 BBL WATER DISPLACEMENT - NO PSI ON CAP - DISPLACEMENT WAS 8.3 FRESH WATER
	02:30 - 04:30	2.00	CMT	1	CSGIN1	RIG DOWN CEMENTERS
	04:30 - 05:30	1.00	BOP	1	CSGIN1	RIG DOWN CEMENT ISOLATION TOOL - HAVING TROUBLE RETRIEVING TOOL
	05:30 - 06:00	0.50	BOP	2	CSGIN1	RIG UP TO TEST BOP'S - CALLED BLM AND TALKED TO CLIFF, COULD NOT MAKE TEST TIME
9/25/2008	06:00 - 14:30	8.50	BOP	1	CSGIN1	ATTEMPT TO PULL CEMENT ISOLATION TOOL, PULLED 30K OVER BLOCK HANGING WT USING LOG CHAIN, REMOVED PINS FROM "C" SECTION & BACK FLUSHED THRU 2" OUTLETS, ABLE TO GET 2 INCHES OF MOVEMENT, CSG ELEVATORS ARRIVED @ 1400, PULLED 55K OVER BLOCK HANGING WT & ISOLATION TOOL CAME FREE, TOOL WAS PACKED OFF WITH BARITE & LCM FLUSH OUT WELLHEAD & PUT PACKING RETAINERS & PINS BACK IN "C" SECTION
	14:30 - 15:30	1.00	BOP	1	CSGIN1	PRESSURE TEST BOP- ALL RAMS & VALVES 10,000 PSI HI FOR 10 MIN., 250 PSI LOW FOR 5 MIN., ANNULAR- 5,000 PSI HI, 250 LOW, CSG- 1500 PSI FOR 30 MIN.
	15:30 - 21:00	5.50	BOP	2	CSGIN1	INSTALL WEAR BUSHING
9/26/2008	21:30 - 22:30	1.00	RIG	1	DRLIN2	LUBRICATE RIG & TOP DRIVE
	22:30 - 23:00	0.50	TRP	1	DRLIN2	PICK UP & SURFACE TEST MUD MOTOR
	23:00 - 00:30	1.50	TRP	1	DRLIN2	PICK UP 6.5" NON MAG, TWO 6.5" DC'S & TRIP IN BHA
	00:30 - 01:00	0.50	TRP	1	DRLIN2	CHANGE OUT DRLG JARS
	01:00 - 03:00	2.00	TRP	3	DRLIN2	LAY DOWN 22 JTS OF "S" PIPE ("S" PIPE MIXED WITH "G" PIPE)
	03:00 - 06:00	3.00	TRP	2	DRLIN2	PICK UP 22 JTS OF "G" PIPE & TRIP IN
	06:00 - 06:30	0.50	TRP	2	DRLIN2	TRIP INTO 4430'
	06:30 - 07:00	0.50	TRP	2	DRLIN2	INSTALL ROT. HEAD ELEMENT
	07:00 - 08:00	1.00	RIG	2	DRLIN2	REPLACE BAD SWABS IN BOTH PUMPS
	08:00 - 08:30	0.50	REAM	1	DRLIN2	WASH 120' TO TOP OF CEMENT @ 4550'
	08:30 - 10:00	1.50	DRL	4	DRLIN2	DRILL CEMENT, FLOAT EQUIPMENT & 10' OF NEW HOLE
	10:00 - 10:30	0.50	EQT	2	DRLIN2	CIRC. & FIT TO 13.5 EQUIVALENT, FUNCTIONED TOP PIPE RAMS & HCR
	10:30 - 18:30	8.00	DRL	1	DRLIN2	DRILL F/ 4622'-4724', WOB- 12/15, RPM- 140/150 COMBINED, GPM- 405/450, MW- 9.2, VIS- 32, LOST PARTIAL RETURNS @ 4650 (105 BBLs), STARTED PUMPING 15 BBL SWEEPS WITH 10% LCM EVERY HR, LOSING 15 BBLs/HR, BG GAS- 30u
18:30 - 19:30	1.00	RIG	1	DRLIN2	LUBRICATE RIG & TOP DRIVE	
19:30 - 22:00	2.50	DRL	1	DRLIN2	DRILL F/ 4724'-4812', DRLG WITH SAME PARAMETERS, MW & VIS, PUMPING 15 BBL LCM SWEEPS HOURLY	
22:00 - 00:30	2.50	CIRC	2	DRLIN2	LOST CIRC @ 4812' (140 BBLs), PUMPED 60 BBL SWEEP WITH	

Operations Summary Report

Legal Well Name: GB 3D-4-8-22R
 Common Well Name: GB 3D-4-8-22R
 Event Name: DRILLING
 Contractor Name: Pro Petro
 Rig Name: PRO PETRO
 Spud Date: 8/30/2008
 Start: 8/26/2008
 End:
 Rig Release: 9/6/2008
 Group:
 Rig Number: 9

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/26/2008	22:00 - 00:30	2.50	CIRC	2	DRLIN2	12% LCM, REGAINED PARTIAL RETURNS, BYPASSED SHAKERS, MIX LCM & BUILD VOLUME, BACK REAMED THRU TIGHT SPOT @ 4742', MW- 9.2, VIS- 34, LCM- 7%, LOSING 10 BBL/HR
	00:30 - 03:30	3.00	DRL	1	DRLIN2	DRILL F/ 4812'-4825', WOB- 15/20K, RPM- 140 COMBINED, GPM- 425, UNABLE TO GET BIT TO DRILL, SUSPECT DAMAGED MUD MOTOR OR BIT WHILE BACK REAMING
	03:30 - 04:30	1.00	CIRC	1	DRLIN2	CIRC & MIX TRIP SLUG & FILL TRIP TANK
	04:30 - 05:00	0.50	SUR	1	DRLIN2	DROP SURVEY & PULL 3 STDS TO CSG SHOE (RETORQUE CONNECTIONS)
	05:00 - 05:30	0.50	TRP	10	DRLIN2	PUMP TRIP SLUG & PULL ROT. HEAD ELEMENT
9/27/2008	05:30 - 06:00	0.50	TRP	10	DRLIN2	TRIP OUT F/ BIT & MUD MOTOR (RETORQUE CONNECTIONS)
	06:00 - 09:00	3.00	TRP	10	DRLIN2	TRIP OUT (RETORQUE DP CONNECTIONS) HOLE FILL 15 BBL OVER CALCULATED
	09:00 - 09:30	0.50	TRP	1	DRLIN2	BREAK BIT & LAY DOWN MUD MOTOR
	09:30 - 11:00	1.50	RIG	1	DRLIN2	LUBRICATE RIG & TOP DRIVE & CHANGE OIL IN TOP DRIVE
	11:00 - 11:30	0.50	TRP	1	DRLIN2	PICK UP & SURFACE TEST MUD MOTOR
	11:30 - 14:30	3.00	TRP	10	DRLIN2	TRIP IN TO 4200', FILL PIPE EVERY 1500'
	14:30 - 15:00	0.50	TRP	10	DRLIN2	INSTALL ROT. HEAD ELEMENT & BREAK CIRC.
	15:00 - 15:30	0.50	REAM	1	DRLIN2	TRIP IN 3 STDS & WASH 65' TO BOTTOM
	15:30 - 20:30	5.00	DRL	1	DRLIN2	DRILL F/ 4825'-4917', WOB- 8/10K, RPM- 142 COMBINED, GPM- 407, MW- 9.25, VIS- 33, LCM- 6%, SEEPING 2/3 BBL/HR, SHAKERS PARTIALLY BYPASSED, PUMPING 10 BBL LCM SWEEPS HOURLY, BG GAS- 35, CONN GAS- 150u
	20:30 - 21:30	1.00	RIG	2	DRLIN2	CHANGE OUT SAVER SUB
	21:30 - 03:30	6.00	DRL	1	DRLIN2	DRILL F/ 4917'-5104', DRLG WITH SAME PARAMETERS, MW & VIS LOST CIRC @ 5104', BYPASS SHAKERS, PUMP 100 BBL SWEEP WITH 12% LCM, MIX LCM & BUILD VOLUME
	03:30 - 05:00	1.50	CIRC	2	DRLIN2	DRILL F/ 5104'-5122', WOB- 8/10K, RPM- 142 COMBINED, GPM- 407, MW- 9.25, VIS- 32, LCM- 8%, SHAKERS BYPASSED, SEEPING 8 BBL/HR, PUMPING 15 BBL LCM SWEEPS HOURLY, BG GAS- 140u, CONN GAS- 220u
9/28/2008	06:00 - 14:30	8.50	DRL	1	DRLIN2	DRILL F/ 5122'-5352', WOB- 8/10K, RPM- 142/148 COMBINED, GPM- 406, MW- 9.3, VIS- 35, LCM- 6%, SHAKERS PARTIALLY BYPASSED, PUMPING 10 BBL LCM SWEEPS HOURLY, SEEPING 3-4 BBL/HR, BG GAS- 30u, CONN GAS- 150u
	14:30 - 15:30	1.00	RIG	1	DRLIN2	LUBRICATE RIG & TOP DRIVE, FUNCTIONED TOP PIPE RAMS & COM
	15:30 - 02:00	10.50	DRL	1	DRLIN2	DRILL F/ 5352'-5549', DRLG WITH SAME PARAMETERS, MW & VIS LOST PARTIAL RETURNS @ 5545', PUMP TWO 50 BBL SWEEPS WITH 15% LCM
	02:00 - 03:00	1.00	CIRC	2	DRLIN2	DRILL F/ 5549'-5605', WOB- 10/15K, RPM- 142/155, GPM- 406/425, MW- 9.3, VIS- 35, LCM- 5%, HOLE SEEPING 10-12 BBL/HR, PUMPING 15 BBL LCM SWEEPS HOURLY, BG GAS- 30u, CONN GAS- 150u
9/29/2008	03:00 - 06:00	3.00	DRL	1	DRLIN2	DRILL F/ 5605'-5719', WOB- 12/16K, RPM- 150 COMBINED, GPM- 406, MW- 9.3, VIS- 35, LCM- 6%, SEEPING 7-8 BBL/HR, PUMPING 15 BBL LCM SWEEPS HOURLY WITH SHAKERS PARTIALLY BYPASSED.
	06:00 - 12:00	6.00	DRL	1	DRLIN2	LIBRICATE RIG & TOP DRIVE, FUNCTION HCR & COM, REPAIR AIR LINE ON LOW DRUM CLUTCH
	12:00 - 13:00	1.00	RIG	1	DRLIN2	DRILL F/ 5719'-6020', WOB- 15/18K, RPM- 150 COMBINED, GPM- 406, LCM- 5%, SEEPING 4 BBL/HR, PUMPING 10 BBL LCM SWEEPS HOURLY, BG GAS- 60u, CONN GAS- 200u
	13:00 - 06:00	17.00	DRL	1	DRLIN2	

Operations Summary Report

Legal Well Name: GB 3D-4-8-22R
 Common Well Name: GB 3D-4-8-22R
 Event Name: DRILLING
 Contractor Name: Pro Petro
 Rig Name: PRO PETRO
 Start: 8/26/2008
 Rig Release: 9/6/2008
 Rig Number: 9
 Spud Date: 8/30/2008
 End:
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/30/2008	06:00 - 11:30	5.50	DRL	1	DRLIN2	DRILL F/ 6020'-6088', WOB- 14/18K, RPM- 150 COMBINED, GPM- 406, MW- 9.3, VIS- 35, LCM- 5%, SEEPING 2 BBLS/HR, PUMPING 10 BBL LCM SWEEPS HOURLY
	11:30 - 12:30	1.00	RIG	1	DRLIN2	LUBRICATE RIG & TOP DRIVE, FUNCTION ANNULAR & COM
	12:30 - 06:00	17.50	DRL	1	DRLIN2	DRILL F/ 6088'-6470', DRLG WITH SAME PARAMETERS, MW & VIS, LCM- 5%, SEEPING 2 BBLS/HR, PUMPING LCM SWEEPS HOURLY, BG GAS- 25u, CONN GAS- 350u
10/1/2008	06:00 - 10:30	4.50	DRL	1	DRLIN2	DRILL F/ 6470'-6580', WOB-16/18K, RPM- 150 COMBINED, GPM- 406, MW- 9.3, VIS- 36, LCM- 5%, SEEPING 2 BBLS/HR, PUMPING LCM SWEEPS HOURLY, BG GAS- 25u, CONN GAS- 50u
	10:30 - 11:30	1.00	RIG	1	DRLIN2	LUBRICATE RIG & TOP DRIVE, FUNCTION LOWER PIPE RAMS & COM
	11:30 - 03:00	15.50	DRL	1	DRLIN2	DRILL F/ 6580'-6860', WOB- 16/18K, RPM- 150 COMBINED, GPM- 406, MW- 9.3, VIS- 36, LCM- 5%, SEEPING 2-3 BBLS/HR, PUMPING LCM SWEEPS HOURLY, BG GAS- 20u, CONN GAS- 60u
10/2/2008	03:00 - 03:30	0.50	SUR	1	DRLIN2	DROP SURVEY
	03:30 - 04:00	0.50	CIRC	1	DRLIN2	SPOT 100 BBL PILL WITH 15% LCM & PUMP TRIP SLUG
	04:00 - 06:00	2.00	TRP	10	DRLIN2	TRIP OUT F/ BIT & MUD MOTOR
	06:00 - 07:00	1.00	RIG	1	DRLIN2	LUBRICATE RIG & TOP DRIVE
	07:00 - 12:30	5.50	ISP	1	DRLIN2	HOLD SAFETY MEETING & INSPECT BHA TRIPPING OUT
	12:30 - 13:00	0.50	TRP	1	DRLIN2	BREAK BIT & LAY DOWN MUD MOTOR, FUNCTIONED BLIND RAMS
	13:00 - 13:30	0.50	LOG	2	DRLIN2	HOLD SAFETY MEETING & RIG UP CASED HOLE SOLUTIONS LOGGING TRUCK
	13:30 - 15:00	1.50	LOG	2	DRLIN2	RUN CEMENT BOND LOG FROM 4600' TO SURFACE
	15:00 - 15:30	0.50	LOG	2	DRLIN2	RIG DOWN LOGGING TOOLS
	15:30 - 16:00	0.50	TRP	1	DRLIN2	PICK UP & SURFACE TEST MUD MOTOR
	16:00 - 18:30	2.50	TRP	10	DRLIN2	TRIP IN TO 4500', FILL PIPE & BREAK CIRC. EVERY 2000'
	18:30 - 19:00	0.50	TRP	10	DRLIN2	INSTALL ROT. HEAD ELEMENT
	19:00 - 20:00	1.00	RIG	6	DRLIN2	CUT DRLG LINE & RESET COM
	20:00 - 21:30	1.50	TRP	10	DRLIN2	TRIP IN TO 6795'
21:30 - 22:00	0.50	REAM	1	DRLIN2	WASH 65' TO BOTTOM, NO FILL	
22:00 - 06:00	8.00	DRL	1	DRLIN2	DRILL F/ 6860'-7175', WOB- 8/12K, RPM- 150 COMBINED, GPM- 406, MW- 9.4, VIS- 37, LCM- 5%, CURRENTLY NO LOSSES, PUMPING 10 BBL LCM SWEEPS EVERY 2 HRS, BG GAS- 15u, CONN GAS- 25u, TRIP GAS- 325u	

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Operations Summary Report

Legal Well Name: GB 3D-4-8-22R
 Common Well Name: GB 3D-4-8-22R
 Event Name: DRILLING
 Contractor Name: Pro Petro
 Rig Name: PRO PETRO

Start: 8/26/2008
 Rig Release: 9/6/2008
 Rig Number: 9

Spud Date: 8/30/2008
 End: 11/15/2008
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/31/2008	12:00 - 13:00	1.00	RIG	1	DRLPRO	RIG SERVICE.
	13:00 - 15:30	2.50	DRL	1	DRLPRO	DRILLING 6 1/8" HOLE FROM 14528 TO 14591 AT 31.5 FT/HR WITH 10-12 WOB, 100 RPM AND 214 GPM.
	15:30 - 06:00	14.50	RIG	2	DRLPRO	RIG REPAIR, BOTH PUMPS DOWN, (WASH PLATE ON #1 PUMP, LINER GASKET ON #2 PUMP) TRIP OUT TO CASING SHOE. REPAIR BOTH PUMPS, CHANGED 3 WASH PLATES, 2 LINERS, LINER GASKETS, AND THREAD RING. TRIP IN HOLE. (RIG ON DOWN TIME)
11/1/2008	06:00 - 07:00	1.00	RIG	2	DRLPRO	RIG REPAIR, BOTH PUMPS DOWN, (WASH PLATE ON #1 PUMP, LINER GASKET ON #2 PUMP) TRIP OUT TO CASING SHOE. REPAIR BOTH PUMPS, CHANGED 3 WASH PLATES, 2 LINERS, LINER GASKETS, AND THREAD RING. TRIP IN HOLE. (RIG ON DOWN TIME)
	07:00 - 07:30	0.50	REAM	1	DRLPRO	SAFETY WASH AND REAM FROM 14441 TO 14591 FT WITH NO FILL ON BOTTOM.
	07:30 - 08:30	1.00	DRL	1	DRLPRO	DRILLING 6 1/8" HOLE FROM 14591 TO 14601 FT AT 10 FT/HR WITH 10-12 WOB, 105 RPM AND 230 GPM.
	08:30 - 10:00	1.50	CIRC	1	DRLPRO	SHUT IN WELL, CIRCULATE OUT TRIP GAS THRU CHOKE WITH 4950 UNITS AND 45 FT FLARE ON BOTTOMS UP.
	10:00 - 16:00	6.00	DRL	1	DRLPRO	DRILLING 6 1/2" HOLE THRU CHOKE WITH 5000 UNITS AND 20 FT FLARE FROM 14601 TO 14683 AT 13.6 FT/HR WITH 12 WOB, 105 RPM AND 230 GPM. (INCFREASED MUD WT TO 14.8 PPG)
	16:00 - 17:00	1.00	CIRC	1	DRLPRO	CIRCULATE AND SPOT 100 BBLs OF 16.8 PPG AT CASING SHOE.
	17:00 - 23:00	6.00	TRP	10	DRLPRO	TRIP OUT OF HOLE WITH NO PROBLEMS WITH 19 BBLs OVER CALCULATED DISPLACEMENT. (CHECK FLOW AT CASING SHOE**OK)
	23:00 - 23:30	0.50	TRP	1	DRLPRO	CHANGE MOTOR, TEST AND CHANGE BIT.
	23:30 - 00:30	1.00	OTH		DRLPRO	CLEAN AND CLEAR FLOOR.
	00:30 - 04:00	3.50	TRP	10	DRLPRO	TRIP IN HOLE, FILL BHA AND EVERY 3000 FT.
	04:00 - 05:00	1.00	CIRC	1	DRLPRO	CIRCULATE OUT HEAVY MUD AT 10,000 FT.
05:00 - 06:00	1.00	TRP	10	DRLPRO	CONTINUE TO TRIP IN HOLE TO CASING SHOE.	
11/2/2008	06:00 - 07:00	1.00	CIRC	1	DRLIN2	CIRCULATE BOTTOMS UP AT CASING SHOE. (12578)
	07:00 - 08:00	1.00	TRP	10	DRLIN2	TRIP IN HOLE TO 14533 FT WITH NO PROBLEMS AND FULL RETURNS.
	08:00 - 08:30	0.50	REAM	1	DRLIN2	SAFETY WASH AND REAM FROM 14533 TO 14683 FT WITH NO FILL ON BOTTOM.
	08:30 - 14:00	5.50	DRL	1	DRLIN2	DRILLING 6 1/8" HOLE FROM 14683 TO 14820 FT AT 24.9 FT/HR WITH 13-15 WOB, 110 RPM AND 230 GPM.
	14:00 - 15:00	1.00	RIG	1	DRLIN2	RIG SERVICE.
11/3/2008	15:00 - 06:00	15.00	DRL	1	DRLIN2	DRILLING 6 1/8" HOLE FROM 14820 TO 15525 AT 47 FT/HR WITH 10-12 WOB, 230 GPM AND 110 RPM. (DRILLING THRU GASBUSTER WITH 5200 UNITS AND 10 FT DRILLING FLARE.)
	06:00 - 16:00	10.00	DRL	1	DRLPRO	DRILLING 6 1/8" HOLE FROM 15525 TO 15984 AT 42.3 FT/HR WITH 10-14 WOB, 101 TO 110 RPM AND 109-130 GPM. (5000 UNITS BACKGROUND WITH 5-8 FT DRILLING FLARE)
	16:00 - 17:00	1.00	RIG	1	DRLPRO	RIG SERVICE.
11/4/2008	17:00 - 06:00	13.00	DRL	1	DRLPRO	DRILLING 6 1/8" HOLE FROM 15984 TO 16500 FT AT 40 FT/HR WITH 12-14 WOB, 102 RPM AND 218 GPM. (4500 UNITS BACKGROUND WITH 2-3 FT DRILLING FLARE)
	06:00 - 13:00	7.00	DRL	1	DRLPRO	DRILLING 6 1/8" HOLE FROM 16500 TO 16780 AT 40 FT/HR WITH 12-15 WOB, 106 RPM AND 218 GPM.
	13:00 - 14:00	1.00	RIG	1	DRLPRO	RIG SERVICE.
	14:00 - 21:00	7.00	DRL	1	DRLPRO	DRILLING 6 1/8" HOLE FROM 16780 TO 16974 AT 25.8 FT/HR WITH

Operations Summary Report

Legal Well Name: GB 3D-4-8-22R
 Common Well Name: GB 3D-4-8-22R
 Event Name: DRILLING
 Contractor Name: Pro Petro
 Rig Name: PRO PETRO
 Start: 8/26/2008
 Rig Release: 9/6/2008
 Rig Number: 9
 Spud Date: 8/30/2008
 End: 11/15/2008
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/4/2008	14:00 - 21:00	7.00	DRL	1	DRLPRO	12-15 WOB, 106 RPM AND 218 GPM. (BIT STOPPED, TORQUING UP AND STALLING OUT)
	21:00 - 22:00	1.00	CIRC	1	DRLPRO	CIRCULATE BOTTOMS UP WITH 4605 UNITS ON BOTTOMS UP.
	22:00 - 23:00	1.00	SUR	1	DRLPRO	DROP SURVEY AND CHECK FLOW, WELL FLOWING AT 5 BBL/HR, AFTER 1/2 HR WELL FLOWING 3.4 BBL/HR. (WELL BLOONING)
	23:00 - 01:00	2.00	CIRC	1	DRLPRO	CIRCULATE BOTTOMS UP WITH 4400 UNITS AND 50 FT FLARE ON BOTTOMS UP. (DOWN TIME GAS)
	01:00 - 02:00	1.00	CIRC	1	DRLPRO	SPOT 150 BBL OF 16.8 PPG PILL.
	02:00 - 06:00	4.00	TRP	10	DRLPRO	TRIP OUT OF HOLE WITH HOLE TAKING CORRECT AMOUNT OF DISPLACEMENT FLUID. (CHECKED FLOW AT CASING SHOE WITH NO FLOW) (SLM)
11/5/2008	06:00 - 12:00	6.00	TRP	10	DRLPRO	CONTINUE TO TRIP OUT OF HOLE NO PROBLEMS AND 11 BBLs OVER CALCULATED DISPLACEMENT. (SLM = 24 FT SHORT, WILL RESTRAP NEXT TRIP.)
	12:00 - 12:30	0.50	TRP	1	DRLPRO	LAY DOWN MOTOR, BIT AND SURVEY. (MISS RUN ON SURVEY)
	12:30 - 13:00	0.50	OTH		DRLPRO	CLEAN AND CLEAR FLOOR.
	13:00 - 13:30	0.50	TRP	1	DRLPRO	PICK UP BIT, TORQUE BUSTER AND BIT SUB.
	13:30 - 17:00	3.50	TRP	10	DRLPRO	TRIP IN HOLE, FILL PIPE AT BHA AND EVERY 30 STDS TO 10,000 FT.
	17:00 - 17:30	0.50	CIRC	1	DRLPRO	BREAK CIRCULATION AND CIRCULATE.
	17:30 - 18:00	0.50	TRP	10	DRLPRO	CONTINUE TO TRIP IN HOLE TO CASING SHOE.
	18:00 - 19:30	1.50	CIRC	1	DRLPRO	CIRCULATE OUT ECD PILL AT CASING SHOE.
	19:30 - 20:30	1.00	RIG	6	DRLPRO	CUT DRILLING LINE.
	20:30 - 21:30	1.00	TRP	10	DRLPRO	CONTINUE TO TRIP IN HOLE TO 14693 FT.
	21:30 - 22:00	0.50	CIRC	1	DRLPRO	BREAK CIRCULATION AND CIRCULATE OUT ECD PILL
	22:00 - 23:30	1.50	TRP	10	DRLPRO	CONTINUE TRIP IN HOLE TO 16824 FT WITH FULL RETURNS AND NO MUD LOSSES ON TRIP.
	23:30 - 00:00	0.50	REAM	1	DRLPRO	SAFETY WASH AND REAM FROM 16824 TO 16974 FT WITH NO FILL.
	00:00 - 06:00	6.00	DRL	1	DRLPRO	DRILL 6 1/8" HOLE FROM 16974 TO 17017 AT 7.1 FT/HR THRU CHOKE WITH 10-15 WOB 50-55 RPM AND 214 GPM AND 5776 UNITS AND 60 FT FLARE ON BOTTOMS UP. (DRILLING THRU GASBUSTER AT REPORT TIME)
11/6/2008	06:00 - 18:00	12.00	DRL	1	DRLPRO	DRILL 6 1/8 " PRODUCTION HOLE FROM 17,017' TO 17094'. 77', ROP 6.4', WOB 12 / 18K, 223 GPM, RPM 40, GAS 2825U.
	18:00 - 06:00	12.00	DRL	1	DRLPRO	DRILL FROM 17,094' TO 17145' @ 4.2 FPH WITH 18-20K WOB, 40 RPM, 223 GPM, 2800 UNITS, 30' CONNECTION FLARE
11/7/2008	06:00 - 08:00	2.00	DRL	1	DRLPRO	DRILL 6 1/8" PRODUCTION HOLE FROM 17,145' TO 17149'. 4'. ROP 2', WOB 20, RPM 45, GPM 214, GAS 2400U / 4400U.
	08:00 - 10:00	2.00	CIRC	1	DRLPRO	FLOW CHECK STATIC, CIRCULATE BOTTOMS UP AND DROP SURVEY TOOL.
	10:00 - 11:00	1.00	CIRC	1	DRLPRO	SPOT 150 BBL ECD PILL 16.5 PPG.
	11:00 - 18:00	7.00	TRP	10	DRLPRO	TOH FOR BIT #17 TO 1706'. STRAP DRILL PIPE 1.5' DIFFERENCE NO CORRECTION.
	18:00 - 18:30	0.50	OTH		DRLPRO	PULL ROTATING HEAD AND REMOVE FROM STRING.
	18:30 - 19:30	1.00	TRP	10	DRLPRO	CONTINUE TOH BHA, RECOVER SURVEY 11.2 DEG, 191.6 AZM
	19:30 - 20:30	1.00	TRP	10	DRLPRO	CHANGE OUT BIT #17 AND CLEAN RIG FLOOR.
	20:30 - 21:00	0.50	TRP	10	DRLPRO	TIH AND CHANGE OUT DRILLING JARS. CHECK CROWN-O-MATIC.
	21:00 - 21:30	0.50	RIG	1	DRLPRO	SERVICE RIG.
	21:30 - 00:00	2.50	TRP	10	DRLPRO	TIH. FILL PIPE AT BHA, FILL PIPE EVERY 30 STANDS TO 15083'.
	00:00 - 01:00	1.00	CIRC	1	DRLPRO	PICK UP AND INSTALL NEW ROTATING HEAD RUBBER.
01:00 - 03:30	2.50	TRP	10	DRLPRO	TIH TO 15,083'.	
03:30 - 05:00	1.50	CIRC	1	DRLPRO	CIRCULATE OUT TOP HALF OF ECD PILL, 45 FLARE	

Operations Summary Report

Legal Well Name: GB 3D-4-8-22R
 Common Well Name: GB 3D-4-8-22R
 Event Name: DRILLING
 Contractor Name: Pro Petro
 Rig Name: PRO PETRO
 Start: 8/26/2008
 Rig Release: 9/6/2008
 Rig Number: 9
 Spud Date: 8/30/2008
 End: 11/15/2008
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/11/2008	07:30 - 09:00	1.50	CIRC	1	DRLPRO	CIRCULATE BOTTOMS UP
	09:00 - 11:00	2.00	CIRC	1	DRLPRO	SPOT 150 BBLS 16.9 PPG PILL, SLUG PIPE
	11:00 - 14:00	3.00	TRP	15	DRLPRO	TOH TO 13000' (SLOW DUE TO SWOBING)
	14:00 - 15:30	1.50	CIRC	1	DRLPRO	CIRCULATE BOTTOMS UP WHILE RIGGING UP RMC LAY DOWN MACHINE, HPJSM
	15:30 - 16:00	0.50	OTH		DRLPRO	FLOW CHECK, SLIGHT BALLOONING, SLUG PIPE
	16:00 - 00:00	8.00	TRP	3	DRLPRO	LAY DOWN 12000' DRILL PIPE, HOLE TAKING 3-4 BBLS PER 15 JTS (CALCULATED 2.75)
	00:00 - 00:30	0.50	OTH		DRLPRO	RIG DOWN LAY DOWN MACHINE
	00:30 - 02:00	1.50	TRP	2	DRLPRO	TIH WITH 45 STANDS
	02:00 - 02:30	0.50	OTH		DRLPRO	RIG UP LAY DOWN MACHINE
	02:30 - 06:00	3.50	TRP	3	DRLPRO	LAY DOWN DRILL PIPE & BHA
	06:00 -				DRLPRO	
	:				DRLPRO	
					DRLPRO	NOTE: NOTIFIED CLIFF JOHNSON WITH BLM ON RUNNING PRODUCTION CSG & CEMENTING
	11/12/2008	06:00 - 07:00	1.00	TRP	2	DRLPRO
07:00 - 08:00		1.00	OTH		DRLPRO	PULL WEAR BUSHING
08:00 - 10:00		2.00	CSG	1	DRLPRO	RIG UP ROCKY MOUNTAIN CASING EQUIPMENT, HPJSM
10:00 - 19:00		9.00	CSG	2	DRLPRO	MAKE UP SHOE TRACK, CHECK SAME, RUN 4.50" PRODUCTION CASING TO 12400'
19:00 - 19:30		0.50	OTH		DRLPRO	INSTALL CIRCULATING ELEMENT
19:30 - 20:00		0.50	CIRC	1	DRLPRO	CIRCULATE @ SHOE
20:00 - 21:30		1.50	CSG	2	DRLPRO	CONTINUE TO RUN 4.50" CASING TO 15030'
21:30 - 22:30		1.00	CIRC	1	DRLPRO	CIRCULATE TOP HALF OF ECD PILL
22:30 - 00:30		2.00	CSG	2	DRLPRO	CONTINUE TO RUN 4.50" CASING TO 17236'
00:30 - 01:00		0.50	CIRC	1	DRLPRO	WASH CASING F/ 17236' - 17296'
01:00 - 02:00		1.00	CIRC	1	DRLPRO	CIRCULATE WHILE RIGGING DOWN ROCKY MOUNTAIN CASING
02:00 - 05:00		3.00	CIRC	1	DRLPRO	CIRCULATE AND CUT MUD WEIGHT F/ 15.2 PPG - 15.0 PPG
05:00 - 06:00		1.00	CMT	1	DRLPRO	RIG DOWN FILL UP TOOL, RIG UP HALLIBURTON
11/13/2008		06:00 - 08:00	2.00	CMT	1	CSGPRO
	08:00 - 08:30	0.50	CMT	2	CSGPRO	TEST LINES TO 8000 PSI
	08:30 - 11:00	2.50	CMT	2	CSGPRO	HALLIBURTON PUMP 40 BBLS 15 PPG TUNED SPACER, FOLLOWED BY 740 SX CLASS "G" CEMENT 15.2 PPG, DROP TOP PLUG, DISPLACE WITH 244 BBLS CLAYFIX II WATER, BUMP PLUG WITH 1000 PSI OVER CIRCULATING PSI (7100 PSI) BLEED PSI, FLOATS HOLDING, 6.5 BBLS BACK, 100% CIRCULATION THROUGHOUT JOB
	11:00 - 12:00	1.00	CMT	1	CSGPRO	RIG DOWN HALLIBURTON
	12:00 - 16:00	4.00	WOT	1	CSGPRO	WAIT ON CEMENT, MONITOR ANNULAS, WELL FLOWING .82 BPH, TRANSFER 1500 BBLS 15.0 PPG INVERT TO UNIT 232, CONTINUE TO CLEAN MUD TANKS
	16:00 - 00:00	8.00	WOT	1	CSGPRO	CLOSE TOP PIPE RAMS, CONTINUE TO MONITOR ANNULAS, PRESSURE STARTING TO STABILIZE @ 1230 PSI, CONTINUE TO CLEAN MUD TANKS
	00:00 - 02:30	2.50	BOP	1	CSGPRO	BLEED PSI, FLOW CHECK (STATIC) NIPPLE DOWN BOP'S, CONTINUE TO CLEAN MUD TANKS
	02:30 - 03:00	0.50	CSG	7	CSGPRO	SET CAMERON CASING SLIPS WITH 20K OVER (180K)
	03:00 - 04:00	1.00	CSG	6	CSGPRO	CUT CASING, LOWER BOP'S, RIG DOWN B & C BOP HOISTS, LAY DOWN CUTOFF CSG
	04:00 - 06:00	2.00	BOP	1	CSGPRO	CONTINUE TO NIPPLE DOWN BOP'S FOR RIG MOVE, CONTINUE TO CLEAN MUD TANKS
	06:00 -				CSGPRO	

Operations Summary Report

Legal Well Name: GB 3D-4-8-22R
 Common Well Name: GB 3D-4-8-22R
 Event Name: DRILLING
 Contractor Name: Pro Petro
 Rig Name: PRO PETRO

Start: 8/26/2008
 Rig Release: 9/6/2008
 Rig Number: 9

Spud Date: 8/30/2008
 End: 11/15/2008
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/13/2008	: -				CSGPRO	NOTE: TRANSFERED 1500 BBLs 15.0 PPG INVERT TO UNIT 232, WV13A 15-8-21
11/14/2008	06:00 - 06:00	24.00	LOC	4	CSGPRO	FLUSH MUD LINES, CLEAN MUD TANKS, RIG DOWN TOP DRIVE, READY DERRICK TO LAY OVER, WAIT ON ORDERS
	06:00 -				CSGPRO	NOTE: STILL CLEANING MUD TANKS, WILL RELEASE RIG WHEN FINISHED, 80% CLEAN
11/15/2008	06:00 - 06:00	24.00	LOC	7	CSGPRO	CLEAN MUD TANKS, RIG DOWN PREPARE FOR TRUCKS
	06:00 -				CSGPRO	RIG RELEASED 15-NOV-08 @ 06:00 HRS

QUESTAR

Operations Summary Report

Legal Well Name: GB 3D-4-8-22R
 Common Well Name: GB 3D-4-8-22R
 Event Name: COMPLETION
 Contractor Name: Unit Drilling Co.
 Rig Name: UNIT
 Spud Date: 8/30/2008
 Start: 11/24/2008
 End:
 Rig Release: 11/15/2008
 Group:
 Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations	
11/24/2008	08:00 - 14:00	6.00	LOG	2	C-LOG	MIRU OWP ELU. MU AND RIH WITH CCL/GR/CBL/VDL LOGGING TOOLS AND TAG CORRELATED PBDT AT 16,280' (FC @ 17,294'). PRESSURE UP TO 4,000 PSI AND LOG UP TO 6,900'. BLEED PRESSURE TO ZERO AND POOH. RDMO ELU. EST. TOC AT 7,340'. BHT= 303*.	
11/25/2008	08:00 - 19:00	11.00	LOC	4	C-OTH	MIRU IPS CTU AND FB EQUIPMENT. LOAD CT WITH 100* WATER. MU QES 2 7/8" MOTOR/JARS AND 3.55" 5-BLADE JUNK MILL. TEST STACK TO 6,000 PSI. RIH AND CLEAN OUT TO FC @ 17,294'. PUMP FINAL SWEEP AND POOH. RDMO IPS AND FB EQUIPMENT.	
11/26/2008	08:00 - 14:00	6.00	LOG	2	C-LOG	MIRU OWP ELU. MU AND RIH WITH CCL/GR/CBL/VDL LOGGING TOOLS AND TAG CORRELATED PBDT AT 17,289' (FC @ 17,294'). PRESSURE UP TO 4,000 PSI AND LOG UP TO 16,000'. BLEED PRESSURE TO ZERO AND POOH. RDMO ELU. EST. TOC AT 7,340'. BHT= 319*.	
11/29/2008	12:00 - 16:00	4.00	LOC	4	C-PRE	SPOT FBE.	
11/30/2008	12:00 - 16:00	4.00	LOC	4	C-PRE	SPOT FBE.	
12/4/2008	09:00 - 13:30	4.50	PERF	2	C-PERF	MIRU IPS FB AND OWP ELU. MU & RIH WITH 2.5" GUNS. SHOOT 42 HOLES FROM 16,929' TO 17,284'. 800 PSI WHEN GUNS WERE FIRED. 1,000 PSI WITH GUNS AT SURFACE.	
12/5/2008	13:30 - 06:00	16.50	STIM	2	C-STIM	MIRU HES FRAC EQUIPMENT.	
	06:00 - 07:50	1.83	STIM	3	C-STIM	FRAC STAGE #1 WITH 1,741 BBLS 35# HYBOR-G CARRYING 26,000 LBS 30/50 SPXL AND 20,400 LBS 30/50 SINTERLITE SAND FROM .5 TO 4 PPA. AVG RATE= 38 BPM. AVG PSI = 10,341.	
	07:50 - 11:45	3.92	PERF	2	C-PERF	STAGE #2. RU OWP ELU. MU & RIH WITH 2.5" GUNS AND 3.44" CFP. SET PLUG AT 16,840' WITH 7,800 PSI. SHOOT 42 HOLES FROM 16,272' TO 16,818'.	
	11:45 - 13:15	1.50	STIM	3	C-STIM	FRAC STAGE #2 WITH 2,540 BBLS SLICKWATER CARRYING 40,700 LBS 30/50 SPXL SAND. AVG RATE= 39.2 BPM. AVG PSI = 10,200.	
	13:15 - 15:54	2.65	PERF	2	C-PERF	STAGE #3. RU OWP ELU. MU & RIH WITH 2.5" GUNS AND 3.44" CBP. SET PLUG AT 16,190' WITH 8,300 PSI. SHOOT 42 HOLES FROM 15,700' TO 16,172'.	
	16:04 - 17:16	1.20	STIM	3	C-STIM	FRAC STAGE #3 WITH 2,549 BBLS SLICKWATER CARRYING 36,900 LBS 30/50 SPXL SAND. AVG RATE= 39.6 BPM. AVG PSI = 10,575.	
	17:40 - 20:30	2.83	PERF	2	C-PERF	STAGE #4. RU OWP ELU. MU & RIH WITH 2.5" GUNS AND 3.44" CFP. SET PLUG AT 15,610' WITH 8,200 PSI. SHOOT 42 HOLES FROM 15,067' TO 15,597'.	
	20:30 - 21:45	1.25	STIM	3	C-STIM	FRAC STAGE #4 WITH 2,436 BBLS SLICKWATER CARRYING 40,316 LBS 30/50 SPXL SAND. AVG RATE= 4,162 BPM. AVG PSI = 41.62.	
	21:50 - 00:30	2.67	PERF	2	C-PERF	STAGE #5. RU OWP ELU. MU & RIH WITH 2.5" GUNS AND 3.44" CBP. SET PLUG AT 14,960' WITH 7,700 PSI. SHOOT 42 HOLES FROM 14,130' TO 14,944'.	
	00:30 - 01:40	1.17	STIM	3	C-STIM	FRAC STAGE #5 WITH 2,441 BBLS SLICKWATER CARRYING 25,093 LBS 30/50 PREMIUM WHITE AND 13,533 LBS 30/50 SB EXCEL SAND. AVG RATE= 41.9 BPM. AVG PSI = 10,193.	
	01:40 - 07:30	5.83	PERF	2	C-PERF	STAGE #6. RU OWP ELU. MU & RIH WITH 2.5" GUNS AND 3.44" CBP. SET PLUG AT 14,050' WITH 7,000 PSI. SHOOT 42 HOLES FROM 13,292' TO 14,023'. MIS-FIRE ON PLUG. POOH. RE-HEAD AND CHANGE OUT CCL. RBIH.	
	12/6/2008	07:30 - 08:50	1.33	STIM	3	C-STIM	FRAC STAGE #6 WITH 2,558 BBLS SLICKWATER CARRYING 23,000 LBS 30/50 WHITE AND 18,500 LBS 30/50 SBXL SAND. AVG RATE= 38 BPM. AVG PSI = 9,543.
		08:50 - 10:55	2.08	PERF	2	C-PERF	STAGE #7. RU OWP ELU. MU & RIH WITH 2.5" GUNS AND 3.44" CFP. SET PLUG AT 13,160' WITH 6,100 PSI. SHOOT 42 HOLES

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JAN 06 2009

Operations Summary Report

Legal Well Name: GB 3D-4-8-22R
 Common Well Name: GB 3D-4-8-22R
 Event Name: COMPLETION
 Contractor Name: Unit Drilling Co.
 Rig Name: UNIT

Spud Date: 8/30/2008
 Start: 11/24/2008 End:
 Rig Release: 11/15/2008 Group:
 Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/6/2008	08:50 - 10:55	2.08	PERF	2	C-PERF	FROM 12,356' TO 13,144'.
	10:55 - 12:00	1.08	STIM	3	C-STIM	FRAC STAGE #7 WITH 2267 BBLS SLICKWATER CARRYING 26,749 LBS 30/50 WHITE AND 16,608 LBS 30/50 SB EXCEL. AVG RATE= 43 BPM. AVG PSI = 7,400.
	12:00 - 13:45	1.75	PERF	2	C-PERF	STAGE #8. RU OWP ELU. MU & RIH WITH 2.5" GUNS AND 3.44" CFP. SET PLUG AT 11,780' WITH 4,800 PSI. SHOOT 27 HOLES FROM 11,584' TO 11769'.
	13:51 - 15:00	1.15	STIM	3	C-STIM	FRAC STAGE #8 WITH 2,654 BBLS SLICKWATER CARRYING 44,975 LBS 30/50 WHITE AND 17,505 LBS 30/50 SB EXCEL. AVG RATE= 42.9 BPM. AVG PSI = 7,389.
	15:10 - 17:00	1.83	PERF	2	C-PERF	STAGE #9. RU OWP ELU. MU & RIH WITH 2.5" GUNS AND 3.44" CFP. SET PLUG AT 11,350' WITH 3,200 PSI. SHOOT 36 HOLES FROM 10,675' TO 11,330'.
	17:00 - 18:14	1.23	STIM	3	C-STIM	FRAC STAGE #9 WITH 3,185 BBLS SLICKWATER CARRYING 71,590 LBS 30/50 WHITE AND 15,306 LBS 30/50 SB EXCEL. AVG RATE= 43.5 BPM. AVG PSI = 8,270.
	18:20 - 20:05	1.75	PERF	2	C-PERF	STAGE #10. RU OWP ELU. MU & RIH WITH 2.5" GUNS AND 3.44" CFP. SET PLUG AT 10,530' WITH 3,000 PSI. SHOOT 36 HOLES FROM 10,151' TO 10,511'.
	20:05 - 21:20	1.25	STIM	3	C-STIM	FRAC STAGE #10 WITH 2,766 BBLS SLICKWATER CARRYING 54,732 LBS 30/50 WHITE AND 17,240 LBS 30/50 SB EXCEL. SAND. AVG RATE= 46.6 BPM. AVG PSI = 5,279.
	21:20 - 23:15	1.92	PERF	2	C-PERF	STAGE #11. RU OWP ELU. MU & RIH WITH 2.5" GUNS AND 3.44" CFP. SET PLUG AT 10,090' WITH 2,400 PSI. SHOOT 30 HOLES FROM 9,766' TO 10,067'.
	23:15 - 00:15	1.00	STIM	3	C-STIM	FRAC STAGE #11 WITH 2,721 BBLS SLICKWATER CARRYING 55,173 LBS 30/50 WHITE AND 17,280 LBS 20/40 PROPTRAC SAND. AVG RATE= 48.6 BPM. AVG PSI = 5,421.
	00:15 - 02:00	1.75			C-PERF	STAGE #12. RU OWP ELU. MU & RIH WITH 2.5" GUNS AND 3.44" CFP. SET PLUG AT 9,730' WITH 2,400 PSI. SHOOT 18 HOLES FROM 9,133' TO 9,713'.
	02:00 - 02:30	0.50	STIM	3	C-STIM	FRAC STAGE #12 WITH 797 DELTA 200 CARRYING 28,660 LBS 30/50 WHITE AND 36,710 LBS 20/40 PROPTRAC SAND. AVG RATE= 48.2 BPM. AVG PSI = 5,469.
	02:30 - 04:15	1.75			C-PERF	STAGE #13. RU OWP ELU. MU & RIH WITH 2.5" GUNS AND 3.44" CFP. SET PLUG AT 8,275' WITH 2,400 PSI. SHOOT 18 HOLES FROM 7,272' TO 8,263'.
	04:15 - 04:40	0.42	STIM	3	C-STIM	FRAC STAGE #13 WITH 765 BBLS DELTA 200 CARRYING 34,840 LBS 30/50 WHITE AND 31,660 LBS 20/40 PROPTRAC SAND. AVG RATE= 43.2 BPM. AVG PSI = 7,035.
12/7/2008	04:40 - 07:00	2.33	LOC	4	C-OTH	RDMO OWP ELU AND HES FRAC EQUIPMENT.
	07:00 - 19:00	12.00	DRL	6	C-STIM	MIRU IPS CTU, GCDOE AND SPIRIT FLUIDS. LOAD CT WITH 110* WATER. MU QES 2 7/8" MOTOR/JARS AND 3.55" 5-BLADE JUNK MILL. TEST STACK TO 8,000 PSI. RIH AND DRILL OUT 12 PLUGS IN 6 HOURS TO PBTD DEPTH OF 17,294'. PUMP FINAL SWEEP AND POOH. RDMO IPS CTU, GCDOE & SPIRIT FLUIDS.
12/8/2008	19:00 - 06:00	11.00	PTST	2	C-POST	FLOWING TO SALES THROUGH IPS FBE.
12/9/2008	06:00 - 06:00	24.00	PTST	2	C-POST	FLOWING TO SALES THROUGH IPS FBE.
12/10/2008	06:00 - 06:00	24.00	PTST	2	C-POST	FLOWING TO SALES THROUGH IPS FBE.
12/11/2008	06:00 - 06:00	24.00	PTST	2	C-POST	RDMO IPS FBE. FLOWING TO SALES THROUGH PRODUCTION EQUIPMENT.



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

September 4, 2008

Questar Exploration & Production Company
11002 E 17500 S
Vernal, UT 84078

Re: GB 3D-4-8-22R Well, 1387' FNL, 2131' FWL, Lot 6, Sec. 4, T. 8 South, R. 22 East,
Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-40345.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal Office

Operator: Questar Exploration & Production Company
Well Name & Number GB 3D-4-8-22R
API Number: 43-047-40345
Lease: UTU-02510A

Location: Lot 6 **Sec.** 4 **T.** 8 South **R.** 22 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division with 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 office (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

SEPTEMBER 11 2008

AUG 29 2008

BLM VERNAL, UTAH

FORM APPROVED
OMB NO. 1040-0136
Expires: February 28, 1995

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

TYPE OF WORK	DRILL <input checked="" type="checkbox"/>	DEEPEN <input type="checkbox"/>
TYPE OF WELL	<input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE	

5. LEASE DESIGNATION AND SERIAL NO.

UTU-02510A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

N/A

8. FARM OR LEASE NAME, WELL NO.

Rygskid

GB 3D-4-8-22R

CONFIDENTIAL

2. NAME OF OPERATOR
QUESTAR EXPLORATION & PRODUCTION COMPANY

Contact: Jan Nelson
E-Mail: jan.nelson@questar.com

9. API NUMBER:

43 047 40345

3. ADDRESS
11002 E. 17500 S. Vernal, Ut 84078

Telephone number
Phone 435-781-4331 Fax 435-781-4323

10. FIELD AND POOL, OR WILDCAT

WHITE RIVER

4. LOCATION OF WELL (Report location clearly and in accordance with and State requirements*)

At Surface 1387' FNL 2131' FWL, LOT 6, SECTION 4, T8S, R22E
At proposed production zone

11. SEC., T, R, M, OR BLK & SURVEY OR AREA

SEC.4, T8S, R22E Mer SLB

14. DISTANCE IN MILES FROM NEAREST TOWN OR POSTOFFICE*

32 +/- SOUTHEAST OF VERNAL, UTAH

12. COUNTY OR PARISH

Uintah

13. STATE

UT

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (also to nearest drig, unit line if any)

1387' +/-

16. NO. OF ACRES IN LEASE

907.83

17. NO. OF ACRES ASSIGNED TO THIS WELL

40

18. DISTANCE FROM PROPOSED location to nearest well, drilling, completed, applied for, on this lease, ft

680' +/-

19. PROPOSED DEPTH

17,332'

20. BLM/BIA Bond No. on file

ESB000024

21. ELEVATIONS (Show whether DF, RT, GR, ect.)

5207.1' GR

22. DATE WORK WILL START

ASAP

23. Estimated duration

75 days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan
- A surface Use Plan (if location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification.
- Such other site specific information and/or plans as may be required by the authorized officer.

SIGNED Jan Nelson Name (printed/typed) Laura Bills

TITLE Regulatory Affairs

(This space for Federal or State office use)

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

DATE 09/03/2008

PERMIT NO. _____ APPROVAL DATE _____

Application approval does not warrant or certify the applicant holds any legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY [Signature] TITLE Assistant Field Manager

Assistant Field Manager
Lands & Mineral Resources

DATE AUG 29 2008

*See Instructions On Reverse Side

Title 18 U.S.C Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the

United States any false, fictitious or fraudulent statements or representations as to any mater within its jurisdiction

UDOGM

CONDITIONS OF APPROVAL ATTACHED
NOTICE OF APPROVAL

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SEP 10 2008

DIV. OF OIL, GAS & MINING



**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE**

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:	Questar Exploration & Production Co.	Location:	Lot 6, Sec. 4, T8S, R22E
Well No:	GB 3D-4-8-22R (Rig Skid)	Lease No:	UTU-02510A
API No:	43-047-	Agreement:	N/A

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	(435) 828-4029
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545

Fax: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	- Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	- Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

**SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.
- During operations, if any vertebrate paleontological resources are discovered, all operations affecting such sites shall be immediately suspended, and all discoveries shall be left intact until authorized to proceed by the Authorized Officer. The appropriate Authorized Officer of the Vernal BLM office shall be notified within 48 hrs of the discovery, and a decision as to the preferred alternative/course of action will be rendered.

SITE SPECIFIC CONDITIONS OF APPROVAL

- As in the APD the applicant has committed not construct or drill from March 1 to August 31 in order to help protect burrowing owls while they are nesting.
- As in the APD the applicant has committed to round corner 8 of the location as much as possible.

**DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

SITE SPECIFIC DOWNHOLE COAs:

- A formation integrity test shall be performed before drilling more than twenty feet below the casing shoe on the 9 5/8" intermediate casing and 7" intermediate casing.
- The top of the 9 5/8" intermediate casing cement shall extend a minimum of 200 feet above the surface casing shoe.
- The top of the 7" intermediate casing cement shall extend a minimum of 200 feet above the 9 5/8" intermediate casing shoe.
- The top of the production casing cement shall extend a minimum of 500 feet above the 7" casing shoe.
- Logging program: run Gamma Ray to surface.
- Variances Granted:
 - Air Drilling:
- Properly lubricated and maintained rotating head, variance granted to use a properly maintained and lubricated diverter bowl in place of a rotating head.
- Blooie line discharge 100' from the well bore, variance granted for blooie line discharge to be 50' to 70' from the well bore.
- Automatic igniter or continuous pilot light on the blooie line and dust suppression equipment. Variance granted for water injected into the compressed air to substitute for the pilot light and dust suppression equipment.
- Compressors located in the opposite direction from the blooie line a minimum of 100' from the well bore. Variance granted for truck mounted air compressor located within 50 feet from the well bore on the opposite side from the blooie line.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or

data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to deepen or reentry to a different reservoir
Use "APPLICATION FOR PERMIT--" for such proposals

5. Lease Designation and Serial No.
UTU-02510A

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA, Agreement Designation
N/A

8. Well Name and No.
GB 3D 4 8 22R

9. API Well No.
43-047-40345

10. Field and Pool, or Exploratory Area
UNDESIGNATED

11. County or Parish, State
UINTAH

SUBMIT IN TRIPLICATE

1. Type of Well
Oil Gas
 Well Well Other

2. Name of Operator
QUESTAR EXPLORATION & PRODUCTION CO.

3. Address and Telephone No. **11002 EAST 17500 SOUTH - VERNAL, UT 84078**
Contact: **Dahn.Caldwell@questar.com**
435-781-4342 Fax 435-781-4357

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1387' FNL, 2131' FWL, LOT 6, SEC 4-T8S-R22E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>SPUD</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

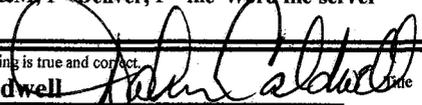
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

On 8/30/08 - Drilled 40' of 26" conductor hole. Set 40' of 20" conductor pipe. Cmtd w/ Ready Mix.

On 9/6/08 - Drilled 17-1/2" hole. Set 12 jts of 13-3/8", K-55, 68# Csg to 510'. Cmtd w/ 500 sxs Class "G" Premium cmt.

3 - BLM, 2- Utah OG&M, 1 - Denver, 1 - file Word file-server

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14. I hereby certify that the foregoing is true and correct.
Signed Dahn F. Caldwell  Date 9/8/08

Office Administrator II

DIV. OF OIL, GAS & MINING

(This space for Federal or State office use)

Approved by: _____ Title _____ Date _____

Conditions of approval, if any _____

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OPERATOR: **Questar Exploration & Production Co.**
ADDRESS: **11002 East 17500 South**
Vernal, Utah 84078 (435)781-4342

ENTITY ACTION FORM - FORM 6

Action Code	Current Entity No.	New Entity No.	API Number	Well Name	QQ	SC	TP	RG	County	Spud Date	Effective Date
A	99999	17099	43-047-40345	GB 3D 4 8 22R	LOT 6	4	8S	22E	Uintah	8/30/08	9/25/08
WELL 1 COMMENTS: DKTA rigskid from 43-047-40126										CONFIDENTIAL	
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

- ACTION CODES (See instructions on back of form)
- A - Establish new entity for new well (single well only)
 - B - Add new well to existing entity (group or unit well)
 - C - Re-assign well from one existing entity to another existing entity
 - D - Re-assign well from one existing entity to a new entity
 - E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected

(3/89)


Signature

Office Administrator II 9/8/08
Title Date

Phone No. (435)781-4342

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Operations Summary Report

Legal Well Name: GB 3D-4-8-22R
 Common Well Name: GB 3D-4-8-22R
 Event Name: COMPLETION
 Contractor Name: Unit Drilling Co.
 Rig Name: UNIT

Spud Date: 8/30/2008
 Start: 11/24/2008
 End:
 Rig Release: 11/15/2008
 Group:
 Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations	
11/24/2008	08:00 - 14:00	6.00	LOG	2	C-LOG	MIRU OWP ELU. MU AND RIH WITH CCL/GR/CBL/VDL LOGGING TOOLS AND TAG CORRELATED PBDT AT 16,280' (FC @ 17,294'). PRESSURE UP TO 4,000 PSI AND LOG UP TO 6,900'. BLEED PRESSURE TO ZERO AND POOH. RDMO ELU. EST. TOC AT 7,340'. BHT= 303*.	
11/25/2008	08:00 - 19:00	11.00	LOC	4	C-OTH	MIRU IPS CTU AND FB EQUIPMENT. LOAD CT WITH 100* WATER. MU QES 2 7/8" MOTOR/JARS AND 3.55" 5-BLADE JUNK MILL. TEST STACK TO 6,000 PSI. RIH AND CLEAN OUT TO FC @ 17,294'. PUMP FINAL SWEEP AND POOH. RDMO IPS AND FB EQUIPMENT.	
11/26/2008	08:00 - 14:00	6.00	LOG	2	C-LOG	MIRU OWP ELU. MU AND RIH WITH CCL/GR/CBL/VDL LOGGING TOOLS AND TAG CORRELATED PBDT AT 17,289' (FC @ 17,294'). PRESSURE UP TO 4,000 PSI AND LOG UP TO 16,000'. BLEED PRESSURE TO ZERO AND POOH. RDMO ELU. EST. TOC AT 7,340'. BHT= 319*.	
11/29/2008	12:00 - 16:00	4.00	LOC	4	C-PRE	SPOT FBE.	
11/30/2008	12:00 - 16:00	4.00	LOC	4	C-PRE	SPOT FBE.	
12/4/2008	09:00 - 13:30	4.50	PERF	2	C-PERF	MIRU IPS FB AND OWP ELU. MU & RIH WITH 2.5" GUNS. SHOOT 42 HOLES FROM 16,929' TO 17,284'. 800 PSI WHEN GUNS WERE FIRED. 1,000 PSI WITH GUNS AT SURFACE.	
12/5/2008	13:30 - 06:00	16.50	STIM	2	C-STIM	MIRU HES FRAC EQUIPMENT.	
	06:00 - 07:50	1.83	STIM	3	C-STIM	FRAC STAGE #1 WITH 1,741 BBLS 35# HYBOR-G CARRYING 26,000 LBS 30/50 SPXL AND 20,400 LBS 30/50 SINTERLITE SAND FROM .5 TO 4 PPA. AVG RATE= 38 BPM. AVG PSI = 10,341.	
	07:50 - 11:45	3.92	PERF	2	C-PERF	STAGE #2. RU OWP ELU. MU & RIH WITH 2.5" GUNS AND 3.44" CFP. SET PLUG AT 16,840' WITH 7,800 PSI. SHOOT 42 HOLES FROM 16,272' TO 16,818'.	
	11:45 - 13:15	1.50	STIM	3	C-STIM	FRAC STAGE #2 WITH 2,540 BBLS SLICKWATER CARRYING 40,700 LBS 30/50 SPXL SAND. AVG RATE= 39.2 BPM. AVG PSI = 10,200.	
	13:15 - 15:54	2.65	PERF	2	C-PERF	STAGE #3. RU OWP ELU. MU & RIH WITH 2.5" GUNS AND 3.44" CBP. SET PLUG AT 16,190' WITH 8,300 PSI. SHOOT 42 HOLES FROM 15,700' TO 16,172'.	
	16:04 - 17:16	1.20	STIM	3	C-STIM	FRAC STAGE #3 WITH 2,549 BBLS SLICKWATER CARRYING 36,900 LBS 30/50 SPXL SAND. AVG RATE= 39.6 BPM. AVG PSI = 10,575.	
	17:40 - 20:30	2.83	PERF	2	C-PERF	STAGE #4. RU OWP ELU. MU & RIH WITH 2.5" GUNS AND 3.44" CFP. SET PLUG AT 15,610' WITH 8,200 PSI. SHOOT 42 HOLES FROM 15,067' TO 15,597'.	
	20:30 - 21:45	1.25	STIM	3	C-STIM	FRAC STAGE #4 WITH 2,436 BBLS SLICKWATER CARRYING 40,316 LBS 30/50 SPXL SAND. AVG RATE= 4,162 BPM. AVG PSI = 41.62.	
	21:50 - 00:30	2.67	PERF	2	C-PERF	STAGE #5. RU OWP ELU. MU & RIH WITH 2.5" GUNS AND 3.44" CBP. SET PLUG AT 14,960' WITH 7,700 PSI. SHOOT 42 HOLES FROM 14,130' TO 14,944'.	
	00:30 - 01:40	1.17	STIM	3	C-STIM	FRAC STAGE #5 WITH 2,441 BBLS SLICKWATER CARRYING 25,093 LBS 30/50 PREMIUM WHITE AND 13,533 LBS 30/50 SB EXCEL SAND. AVG RATE= 41.9 BPM. AVG PSI = 10,193.	
	01:40 - 07:30	5.83	PERF	2	C-PERF	STAGE #6. RU OWP ELU. MU & RIH WITH 2.5" GUNS AND 3.44" CBP. SET PLUG AT 14,050' WITH 7,000 PSI. SHOOT 42 HOLES FROM 13,292' TO 14,023'. MIS-FIRE ON PLUG. POOH. RE-HEAD AND CHANGE OUT CCL. RBIH.	
	12/6/2008	07:30 - 08:50	1.33	STIM	3	C-STIM	FRAC STAGE #6 WITH 2,558 BBLS SLICKWATER CARRYING 23,000 LBS 30/50 WHITE AND 18,500 LBS 30/50 SBXL SAND. AVG RATE= 38 BPM. AVG PSI = 9,543.
		08:50 - 10:55	2.08	PERF	2	C-PERF	STAGE #7. RU OWP ELU. MU & RIH WITH 2.5" GUNS AND 3.44" CFP. SET PLUG AT 13,160' WITH 6,100 PSI. SHOOT 42 HOLES

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Operations Summary Report

Legal Well Name: GB 3D-4-8-22R
 Common Well Name: GB 3D-4-8-22R
 Event Name: COMPLETION
 Contractor Name: Unit Drilling Co.
 Rig Name: UNIT

Start: 11/24/2008
 Rig Release: 11/15/2008
 Rig Number: 109

Spud Date: 8/30/2008
 End:
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/6/2008	08:50 - 10:55	2.08	PERF	2	C-PERF	FROM 12,356' TO 13,144'.
	10:55 - 12:00	1.08	STIM	3	C-STIM	FRAC STAGE #7 WITH 2267 BBLs SLICKWATER CARRYING 26,749 LBS 30/50 WHITE AND 16,608 LBS 30/50 SB EXCEL. AVG RATE= 43 BPM. AVG PSI = 7,400.
	12:00 - 13:45	1.75	PERF	2	C-PERF	STAGE #8. RU OWP ELU. MU & RIH WITH 2.5" GUNS AND 3.44" CFP. SET PLUG AT 11,780' WITH 4,800 PSI. SHOOT 27 HOLES FROM 11,584' TO 11769'.
	13:51 - 15:00	1.15	STIM	3	C-STIM	FRAC STAGE #8 WITH 2,654 BBLs SLICKWATER CARRYING 44,975 LBS 30/50 WHITE AND 17,505 LBS 30/50 SB EXCEL. AVG RATE= 42.9 BPM. AVG PSI = 7,389.
	15:10 - 17:00	1.83	PERF	2	C-PERF	STAGE #9. RU OWP ELU. MU & RIH WITH 2.5" GUNS AND 3.44" CFP. SET PLUG AT 11,350' WITH 3,200 PSI. SHOOT 36 HOLES FROM 10,675' TO 11,330'.
	17:00 - 18:14	1.23	STIM	3	C-STIM	FRAC STAGE #9 WITH 3,185 BBLs SLICKWATER CARRYING 71,590 LBS 30/50 WHITE AND 15,306 LBS 30/50 SB EXCEL. AVG RATE= 43.5 BPM. AVG PSI = 8,270.
	18:20 - 20:05	1.75	PERF	2	C-PERF	STAGE #10. RU OWP ELU. MU & RIH WITH 2.5" GUNS AND 3.44" CFP. SET PLUG AT 10,530' WITH 3,000 PSI. SHOOT 36 HOLES FROM 10,151' TO 10,511'.
	20:05 - 21:20	1.25	STIM	3	C-STIM	FRAC STAGE #10 WITH 2,766 BBLs SLICKWATER CARRYING 54,732 LBS 30/50 WHITE AND 17,240 LBS 30/50 SB EXCEL. SAND. AVG RATE= 46.6 BPM. AVG PSI = 5,279.
	21:20 - 23:15	1.92	PERF	2	C-PERF	STAGE #11. RU OWP ELU. MU & RIH WITH 2.5" GUNS AND 3.44" CFP. SET PLUG AT 10,090' WITH 2,400 PSI. SHOOT 30 HOLES FROM 9,766' TO 10,067'.
	23:15 - 00:15	1.00	STIM	3	C-STIM	FRAC STAGE #11 WITH 2,721 BBLs SLICKWATER CARRYING 55,173 LBS 30/50 WHITE AND 17,280 LBS 20/40 PROPTRAC SAND. AVG RATE= 48.6 BPM. AVG PSI = 5,421.
	00:15 - 02:00	1.75			C-PERF	STAGE #12. RU OWP ELU. MU & RIH WITH 2.5" GUNS AND 3.44" CFP. SET PLUG AT 9,730' WITH 2,400 PSI. SHOOT 18 HOLES FROM 9,133' TO 9,713'.
	02:00 - 02:30	0.50	STIM	3	C-STIM	FRAC STAGE #12 WITH 797 DELTA 200 CARRYING 28,660 LBS 30/50 WHITE AND 36,710 LBS 20/40 PROPTRAC SAND. AVG RATE= 48.2 BPM. AVG PSI = 5,469.
	02:30 - 04:15	1.75			C-PERF	STAGE #13. RU OWP ELU. MU & RIH WITH 2.5" GUNS AND 3.44" CFP. SET PLUG AT 8,275' WITH 2,400 PSI. SHOOT 18 HOLES FROM 7,272' TO 8,263'.
	04:15 - 04:40	0.42	STIM	3	C-STIM	FRAC STAGE #13 WITH 765 BBLs DELTA 200 CARRYING 34,840 LBS 30/50 WHITE AND 31,660 LBS 20/40 PROPTRAC SAND. AVG RATE= 43.2 BPM. AVG PSI = 7,035.
12/7/2008	04:40 - 07:00	2.33	LOC	4	C-OTH	RDMO OWP ELU AND HES FRAC EQUIPMENT.
	07:00 - 19:00	12.00	DRL	6	C-STIM	MIRU IPS CTU, GCDOE AND SPIRIT FLUIDS. LOAD CT WITH 110" WATER. MU QES 2 7/8" MOTOR/JARS AND 3.55" 5-BLADE JUNK MILL. TEST STACK TO 8,000 PSI. RIH AND DRILL OUT 12 PLUGS IN 6 HOURS TO PBSD DEPTH OF 17,294'. PUMP FINAL SWEEP AND POOH. RDMO IPS CTU, GCDOE & SPIRIT FLUIDS.
12/8/2008	19:00 - 06:00	11.00	PTST	2	C-POST	FLOWING TO SALES THROUGH IPS FBE.
12/9/2008	06:00 - 06:00	24.00	PTST	2	C-POST	FLOWING TO SALES THROUGH IPS FBE.
12/10/2008	06:00 - 06:00	24.00	PTST	2	C-POST	FLOWING TO SALES THROUGH IPS FBE.
12/11/2008	06:00 - 06:00	24.00	PTST	2	C-POST	RDMO IPS FBE. FLOWING TO SALES THROUGH PRODUCTION EQUIPMENT.

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Operations Summary Report

Legal Well Name: GB 3D-4-8-22R
 Common Well Name: GB 3D-4-8-22R
 Event Name: DRILLING
 Contractor Name: Pro Petro
 Rig Name: PRO PETRO
 Spud Date: 8/30/2008
 Start: 8/26/2008
 End: 11/15/2008
 Rig Release: 9/6/2008
 Group:
 Rig Number: 9

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations	
10/31/2008	12:00 - 13:00	1.00	RIG	1	DRLPRO	RIG SERVICE.	
	13:00 - 15:30	2.50	DRL	1	DRLPRO	DRILLING 6 1/8" HOLE FROM 14528 TO 14591 AT 31.5 FT/HR WITH 10-12 WOB, 100 RPM AND 214 GPM.	
	15:30 - 06:00	14.50	RIG	2	DRLPRO	RIG REPAIR, BOTH PUMPS DOWN, (WASH PLATE ON #1 PUMP, LINER GASKET ON #2 PUMP) TRIP OUT TO CASING SHOE. REPAIR BOTH PUMPS, CHANGED 3 WASH PLATES, 2 LINERS, LINER GASKETS, AND THREAD RING. TRIP IN HOLE. (RIG ON DOWN TIME)	
11/1/2008	06:00 - 07:00	1.00	RIG	2	DRLPRO	RIG REPAIR, BOTH PUMPS DOWN, (WASH PLATE ON #1 PUMP, LINER GASKET ON #2 PUMP) TRIP OUT TO CASING SHOE. REPAIR BOTH PUMPS, CHANGED 3 WASH PLATES, 2 LINERS, LINER GASKETS, AND THREAD RING. TRIP IN HOLE. (RIG ON DOWN TIME)	
	07:00 - 07:30	0.50	REAM	1	DRLPRO	SAFETY WASH AND REAM FROM 14441 TO 14591 FT WITH NO FILL ON BOTTOM.	
	07:30 - 08:30	1.00	DRL	1	DRLPRO	DRILLING 6 1/8" HOLE FROM 14591 TO 14601 FT AT 10 FT/HR WITH 10-12 WOB, 105 RPM AND 230 GPM.	
	08:30 - 10:00	1.50	CIRC	1	DRLPRO	SHUT IN WELL, CIRCULATE OUT TRIP GAS THRU CHOKE WITH 4950 UNITS AND 45 FT FLARE ON BOTTOMS UP.	
	10:00 - 16:00	6.00	DRL	1	DRLPRO	DRILLING 6 1/2" HOLE THRU CHOKE WITH 5000 UNITS AND 20 FT FLARE FROM 14601 TO 14683 AT 13.6 FT/HR WITH 12 WOB, 105 RPM AND 230 GPM. (INCFREASED MUD WT TO 14.8 PPG)	
	16:00 - 17:00	1.00	CIRC	1	DRLPRO	CIRCULATE AND SPOT 100 BBLs OF 16.8 PPG AT CASING SHOE.	
	17:00 - 23:00	6.00	TRP	10	DRLPRO	TRIP OUT OF HOLE WITH NO PROBLEMS WITH 19 BBLs OVER CALCULATED DISPLACEMENT. (CHECK FLOW AT CASING SHOE**OK)	
	23:00 - 23:30	0.50	TRP	1	DRLPRO	CHANGE MOTOR, TEST AND CHANGE BIT.	
	23:30 - 00:30	1.00	OTH		DRLPRO	CLEAN AND CLEAR FLOOR.	
	00:30 - 04:00	3.50	TRP	10	DRLPRO	TRIP IN HOLE, FILL BHA AND EVERY 3000 FT.	
11/2/2008	04:00 - 05:00	1.00	CIRC	1	DRLPRO	CIRCULATE OUT HEAVY MUD AT 10,000 FT.	
	05:00 - 06:00	1.00	TRP	10	DRLPRO	CONTINUE TO TRIP IN HOLE TO CASING SHOE.	
	06:00 - 07:00	1.00	CIRC	1	DRLIN2	CIRCULATE BOTTOMS UP AT CASING SHOE. (12578)	
	07:00 - 08:00	1.00	TRP	10	DRLIN2	TRIP IN HOLE TO 14533 FT WITH NO PROBLEMS AND FULL RETURNS.	
	08:00 - 08:30	0.50	REAM	1	DRLIN2	SAFETY WASH AND REAM FROM 14533 TO 14683 FT WITH NO FILL ON BOTTOM.	
	08:30 - 14:00	5.50	DRL	1	DRLIN2	DRILLING 6 1/8" HOLE FROM 14683 TO 14820 FT AT 24.9 FT/HR WITH 13-15 WOB, 110 RPM AND 230 GPM.	
	14:00 - 15:00	1.00	RIG	1	DRLIN2	RIG SERVICE.	
	15:00 - 06:00	15.00	DRL	1	DRLIN2	DRILLING 6 1/8" HOLE FROM 14820 TO 15525 AT 47 FT/HR WOTH 10-12 WOB, 230 GPM AND 110 RPM. (DRILLING THRU GASBUSTER WITH 5200 UNITS AND 10 FT DRILLING FLARE.)	
	11/3/2008	06:00 - 16:00	10.00	DRL	1	DRLPRO	DRILLING 6 1/8" HOLE FROM 15525 TO 15984 AT 42.3 FT/HR WITH 10-14 WOB, 101 TO 110 RPM AND 109-130 GPM. (5000 UNITS BACKGROUND WITH 5-8 FT DRILLING FLARE)
		16:00 - 17:00	1.00	RIG	1	DRLPRO	RIG SERVICE.
11/3/2008	17:00 - 06:00	13.00	DRL	1	DRLPRO	DRILLING 6 1/8" HOLE FROM 15984 TO 16500 FT AT 40 FT/HR WITH 12-14 WOB, 102 RPM AND 218 GPM. (4500 UNITS BACKGROUND WITH 2-3 FT DRILLING FLARE)	
	06:00 - 13:00	7.00	DRL	1	DRLPRO	DRILLING 6 1/8" HOLE FROM 16500 TO 16780 AT 40 FT/HR WITH 12-15 WOB, 106 RPM AND 218 GPM.	
11/4/2008	13:00 - 14:00	1.00	RIG	1	DRLPRO	RIG SERVICE.	
	14:00 - 21:00	7.00	DRL	1	DRLPRO	DRILLING 6 1/8" HOLE FROM 16780 TO 16974 AT 25.8 FT/HR WITH	

Operations Summary Report

Legal Well Name: GB 3D-4-8-22R
 Common Well Name: GB 3D-4-8-22R
 Event Name: DRILLING
 Contractor Name: Pro Petro
 Rig Name: PRO PETRO
 Spud Date: 8/30/2008
 Start: 8/26/2008
 End: 11/15/2008
 Rig Release: 9/6/2008
 Group:
 Rig Number: 9

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/4/2008	14:00 - 21:00	7.00	DRL	1	DRLPRO	12-15 WOB, 106 RPM AND 218 GPM. (BIT STOPPED, TORQUING UP AND STALLING OUT)
	21:00 - 22:00	1.00	CIRC	1	DRLPRO	CIRCULATE BOTTOMS UP WITH 4605 UNITS ON BOTTOMS UP.
	22:00 - 23:00	1.00	SUR	1	DRLPRO	DROP SURVEY AND CHECK FLOW, WELL FLOWING AT 5 BBL/HR, AFTER 1/2 HR WELL FLOWING 3.4 BBL/HR. (WELL BLOONING)
	23:00 - 01:00	2.00	CIRC	1	DRLPRO	CIRCULATE BOTTOMS UP WITH 4400 UNITS AND 50 FT FLARE ON BOTTOMS UP. (DOWN TIME GAS)
	01:00 - 02:00	1.00	CIRC	1	DRLPRO	SPOT 150 BBL OF 16.8 PPG PILL.
	02:00 - 06:00	4.00	TRP	10	DRLPRO	TRIP OUT OF HOLE WITH HOLE TAKING CORRECT AMOUNT OF DISPLACEMENT FLUID. (CHECKED FLOW AT CASING SHOE WITH NO FLOW) (SLM)
11/5/2008	06:00 - 12:00	6.00	TRP	10	DRLPRO	CONTINUE TO TRIP OUT OF HOLE NO PROBLEMS AND 11 BBLs OVER CALCULATED DISPLACEMENT. (SLM = 24 FT SHORT, WILL RESTRAP NEXT TRIP.)
	12:00 - 12:30	0.50	TRP	1	DRLPRO	LAY DOWN MOTOR, BIT AND SURVEY. (MISS RUN ON SURVEY)
	12:30 - 13:00	0.50	OTH		DRLPRO	CLEAN AND CLEAR FLOOR.
	13:00 - 13:30	0.50	TRP	1	DRLPRO	PICK UP BIT, TORQUE BUSTER AND BIT SUB.
	13:30 - 17:00	3.50	TRP	10	DRLPRO	TRIP IN HOLE, FILL PIPE AT BHA AND EVERY 30 STDS TO 10,000 FT.
	17:00 - 17:30	0.50	CIRC	1	DRLPRO	BREAK CIRCULATION AND CIRCULATE.
	17:30 - 18:00	0.50	TRP	10	DRLPRO	CONTINUE TO TRIP IN HOLE TO CASING SHOE.
	18:00 - 19:30	1.50	CIRC	1	DRLPRO	CIRCULATE OUT ECD PILL AT CASING SHOE.
	19:30 - 20:30	1.00	RIG	6	DRLPRO	CUT DRILLING LINE.
	20:30 - 21:30	1.00	TRP	10	DRLPRO	CONTINUE TO TRIP IN HOLE TO 14693 FT.
	21:30 - 22:00	0.50	CIRC	1	DRLPRO	BREAK CIRCULATION AND CIRCULATE OUT ECD PILL
	22:00 - 23:30	1.50	TRP	10	DRLPRO	CONTINUE TRIP IN HOLE TO 16824 FT WITH FULL RETURNS AND NO MUD LOSSES ON TRIP.
	23:30 - 00:00	0.50	REAM	1	DRLPRO	SAFETY WASH AND REAM FROM 16824 TO 16974 FT WITH NO FILL.
	00:00 - 06:00	6.00	DRL	1	DRLPRO	DRILL 6 1/8" HOLE FROM 16974 TO 17017 AT 7.1 FT/HR THRU CHOKE WITH 10-15 WOB 50-55 RPM AND 214 GPM AND 5776 UNITS AND 60 FT FLARE ON BOTTOMS UP. (DRILLING THRU GASBUSTER AT REPORT TIME)
11/6/2008	06:00 - 18:00	12.00	DRL	1	DRLPRO	DRILL 6 1/8 " PRODUCTION HOLE FROM 17,017' TO 17094'. 77', ROP 6.4', WOB 12 / 18K, 223 GPM, RPM 40, GAS 2825U.
	18:00 - 06:00	12.00	DRL	1	DRLPRO	DRILL FROM 17,094' TO 17145' @ 4.2 FPH WITH 18-20K WOB, 40 RPM, 223 GPM, 2800 UNITS, 30' CONNECTION FLARE
11/7/2008	06:00 - 08:00	2.00	DRL	1	DRLPRO	DRILL 6 1/8" PRODUCTION HOLE FROM 17,145' TO 17149'. 4'. ROP 2', WOB 20, RPM 45, GPM 214, GAS 2400U / 4400U.
	08:00 - 10:00	2.00	CIRC	1	DRLPRO	FLOW CHECK STATIC, CIRCULATE BOTTOMS UP AND DROP SURVEY TOOL.
	10:00 - 11:00	1.00	CIRC	1	DRLPRO	SPOT 150 BBL ECD PILL 16.5 PPG.
	11:00 - 18:00	7.00	TRP	10	DRLPRO	TOH FOR BIT #17 TO 1706'. STRAP DRILL PIPE 1.5' DIFFERENCE NO CORRECTION.
	18:00 - 18:30	0.50	OTH		DRLPRO	PULL ROTATING HEAD AND REMOVE FROM STRING.
	18:30 - 19:30	1.00	TRP	10	DRLPRO	CONTINUE TOH BHA, RECOVER SURVEY 11.2 DEG, 191.6 AZM
	19:30 - 20:30	1.00	TRP	10	DRLPRO	CHANGE OUT BIT #17 AND CLEAN RIG FLOOR.
	20:30 - 21:00	0.50	TRP	10	DRLPRO	TIH AND CHANGE OUT DRILLING JARS. CHECK CROWN-O-MATIC.
	21:00 - 21:30	0.50	RIG	1	DRLPRO	SERVICE RIG.
	21:30 - 00:00	2.50	TRP	10	DRLPRO	TIH. FILL PIPE AT BHA, FILL PIPE EVERY 30 STANDS TO 15083'.
	00:00 - 01:00	1.00	CIRC	1	DRLPRO	PICK UP AND INSTALL NEW ROTATING HEAD RUBBER.
01:00 - 03:30	2.50	TRP	10	DRLPRO	TIH TO 15,083'.	
03:30 - 05:00	1.50	CIRC	1	DRLPRO	CIRCULATE OUT TOP HALF OF ECD PILL, 45 FLARE	

Operations Summary Report

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 Spud Date: 8/30/2008
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Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/7/2008	05:00 - 06:00 06:00 - :-	1.00	TRP	10	DRLPRO DRLPRO DRLPRO	CONTINUE TO TIH NOTE: NOT SURE OF SURVEY DATA, TOOL ONLY GOOD FOR 300 DEG, TOOL WOULD NOT GIVE READING UNTIL IT COOLED DOWN
11/8/2008	06:00 - 08:00 08:00 - 08:30 08:30 - 18:00 18:00 - 23:30 23:30 - 01:00 01:00 - 01:30 01:30 - 03:00 03:00 - 03:30 03:30 - 05:00 05:00 - 05:30 05:30 - 06:00	2.00 0.50 9.50 5.50 1.50 0.50 1.50 0.50 1.50 0.50	REAM RIG DRL DRL CIRC OTH TRP REAM CIRC OTH	1 1 1 1 1 14 1 1 1	DRLPRO DRLPRO DRLPRO DRLPRO DRLPRO DRLPRO DRLPRO	WASH & REAM F/ 16789' - 17149', 360' (LITE REAMING) SERVICE RIG DRILLING 6.125" HOLE F/ 17149' TO 17,220'. 71'. ROP 7.5', WOB 16 / 17, RPM 50, GPM 214, GAS 440U CONN 4200U. DRILL FROM 17,220' TO 17,265'. 45'. ROP 8.2', GAS 300U, DRILLING PARAMATERS THE SAME. CIRCULATE BOTTOMS UP. WORK PIPE. FLOW CHECK, WELL FLOWING 1.5 BBL/HR. SHORT TRIP 15 STANDS. TIGHT SPOT AT 17,119'. OVER PULL 60K. WORKED TIGHT SPOT FREE. REAM FROM 17,119' TO 17,265'. PRECAUTIONARY. NO FILL. CIRCULATE BOTTOMS UP FLOW CHECK SPOT 150 BBLS 16.8 PPG ECD PILL
11/9/2008	06:00 - 08:30 08:30 - 10:00 10:00 - 14:30 14:30 - 18:00 18:00 - 21:00 21:00 - 06:00 - - - - -	2.50 1.50 4.50 3.50 3.00 9.00 - - - - -	TRP CIRC TRP LOG LOG LOG - - - - -	2 1 2 1 1 1 - - - - -	DRLPRO DRLPRO DRLPRO DRLPRO DRLPRO DRLPRO DRLPRO DRLPRO DRLPRO DRLPRO DRLPRO	TOH. USE PIPE SPINNERS TO SHOE. CIRCULATE BOTTOMS UP AT 13,000' TOP OF ECD PILL. CONTINUE TO TOH. PRE JOB SAFETY MEETING. RIG UP SCHLUMBERGER. RUN IN HOLE WITH PLATFORM EXPRESS. RUN #1 PLATFORM EXPRESS. DRILLED DEPTH 17,265'. SCHLUMBERGER DEPTH 17,272'. RUN #2 OBMI, LOG FROM 16200' - SHOE, RE-RUN LOGS @ HALF SPEED HOLE VOLUME 891.62 FT/3 CEMENT VOLUME 373.19 FT/3 AVG HOLE SIZE 6.125" BHT = 289 DEG NOTE: FROM 16200' - 17272' HOLE STICKY ON FIRST RUN
11/10/2008	06:00 - 06:30 06:30 - 08:00 08:00 - 13:30 13:30 - 15:00 15:00 - 16:00 16:00 - 17:00 17:00 - 18:00 18:00 - 19:30 19:30 - 20:00 20:00 - 22:00 22:00 - 06:00 06:00 - :-	0.50 1.50 5.50 1.50 1.00 1.00 1.00 1.50 0.50 2.00 8.00 - -	LOG OTH TRP CIRC RIG RIG TRP CIRC TRP REAM DRL - -	1 10 1 6 1 10 1 10 1 1 - -	DRLPRO DRLPRO DRLPRO DRLPRO DRLPRO DRLPRO DRLPRO DRLPRO DRLPRO DRLPRO DRLPRO DRLPRO DRLPRO	RIG DOWN SCHLUMBERGER WAIT ON CONFORMATION TO CONTINUE TO DRILL TIH TO SHOE CIRCULATE BOTTOMS UP SLIP AND CUT DRILLING LINE SERVICE RIG CONTINUE TO TIH TO 15000' CIRCULATE TOP 1/2 OF ECD PILL CONTINUE TO TIH, TAG @ 16525' WASH & REAM F/ 16525' - 17265' (LITE REAMING) DRILLING 6.125" HOLE F/ 17265' - 17310' @ 5.6 FPH WITH 18K WOB, 40-45 RPM, 222 GPM
11/11/2008	06:00 - 07:00 07:00 - 07:30	1.00 0.50	DRL OTH	1 1	DRLPRO DRLPRO DRLPRO	NOTE: 50% CLAY 40% SHALE 10% SANDSTONE DRILLING 6.125" HOLE F/ 17310' - 17311' ATTEMPT TO MAKE CONNECTION UNABLE TO REAM PAST 17299' APPLY 15K WILL NOT TORQUE UP AND WILL NOT DRILL OFF, SEVERAL ATTEMPTS MADE TO REAM PAST 17299' FLOW CHECK, STATIC, CALL SUPT, DECISION WAS MADE TO CALL 17311' (TD)

Operations Summary Report

Legal Well Name: GB 3D-4-8-22R
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 Contractor Name: Pro Petro
 Rig Name: PRO PETRO

Spud Date: 8/30/2008
 Start: 8/26/2008
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 Rig Release: 9/6/2008
 Group:
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Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/11/2008	07:30 - 09:00	1.50	CIRC	1	DRLPRO	CIRCULATE BOTTOMS UP
	09:00 - 11:00	2.00	CIRC	1	DRLPRO	SPOT 150 BBLS 16.9 PPG PILL, SLUG PIPE
	11:00 - 14:00	3.00	TRP	15	DRLPRO	TOH TO 13000' (SLOW DUE TO SWOBING)
	14:00 - 15:30	1.50	CIRC	1	DRLPRO	CIRCULATE BOTTOMS UP WHILE RIGGING UP RMC LAY DOWN MACHINE, HPJSM
	15:30 - 16:00	0.50	OTH		DRLPRO	FLOW CHECK, SLIGHT BALLOONING, SLUG PIPE
	16:00 - 00:00	8.00	TRP	3	DRLPRO	LAY DOWN 12000' DRILL PIPE, HOLE TAKING 3-4 BBLS PER 15 JTS (CALCULATED 2.75)
	00:00 - 00:30	0.50	OTH		DRLPRO	RIG DOWN LAY DOWN MACHINE
	00:30 - 02:00	1.50	TRP	2	DRLPRO	TIH WITH 45 STANDS
	02:00 - 02:30	0.50	OTH		DRLPRO	RIG UP LAY DOWN MACHINE
	02:30 - 06:00	3.50	TRP	3	DRLPRO	LAY DOWN DRILL PIPE & BHA
	06:00 -				DRLPRO	
		:			DRLPRO	
		:			DRLPRO	NOTE: NOTIFIED CLIFF JOHNSON WITH BLM ON RUNNING PRODUCTION CSG & CEMENTING
11/12/2008	06:00 - 07:00	1.00	TRP	2	DRLPRO	CONTINUE TO LAY DOWN BHA, TORQUE BUSTER TWISTED OFF @ PIN, TORQUE BUSTER AND BIT # 19 LEFT IN HOLE
	07:00 - 08:00	1.00	OTH		DRLPRO	PULL WEAR BUSHING
	08:00 - 10:00	2.00	CSG	1	DRLPRO	RIG UP ROCKY MOUNTAIN CASING EQUIPMENT, HPJSM
	10:00 - 19:00	9.00	CSG	2	DRLPRO	MAKE UP SHOE TRACK, CHECK SAME, RUN 4.50" PRODUCTION CASING TO 12400'
	19:00 - 19:30	0.50	OTH		DRLPRO	INSTALL CIRCULATING ELEMENT
	19:30 - 20:00	0.50	CIRC	1	DRLPRO	CIRCULATE @ SHOE
	20:00 - 21:30	1.50	CSG	2	DRLPRO	CONTINUE TO RUN 4.50" CASING TO 15030'
	21:30 - 22:30	1.00	CIRC	1	DRLPRO	CIRCULATE TOP HALF OF ECD PILL
	22:30 - 00:30	2.00	CSG	2	DRLPRO	CONTINUE TO RUN 4.50" CASING TO 17236'
	00:30 - 01:00	0.50	CIRC	1	DRLPRO	WASH CASING F/ 17236' - 17296'
	01:00 - 02:00	1.00	CIRC	1	DRLPRO	CIRCULATE WHILE RIGGING DOWN ROCKY MOUNTAIN CASING
	02:00 - 05:00	3.00	CIRC	1	DRLPRO	CIRCULATE AND CUT MUD WEIGHT F/ 15.2 PPG - 15.0 PPG
	05:00 - 06:00	1.00	CMT	1	DRLPRO	RIG DOWN FILL UP TOOL, RIG UP HALLIBURTON
11/13/2008	06:00 - 08:00	2.00	CMT	1	CSGPRO	RIG UP HALLIBURTON, HPJSM
	08:00 - 08:30	0.50	CMT	2	CSGPRO	TEST LINES TO 8000 PSI
	08:30 - 11:00	2.50	CMT	2	CSGPRO	HALLIBURTON PUMP 40 BBLS 15 PPG TUNED SPACER, FOLLOWED BY 740 SX CLASS "G" CEMENT 15.2 PPG, DROP TOP PLUG, DISPLACE WITH 244 BBLS CLAYFIX II WATER, BUMP PLUG WITH 1000 PSI OVER CIRCULATING PSI (7100 PSI) BLEED PSI, FLOATS HOLDING, 6.5 BBLS BACK, 100% CIRCULATION THROUGHOUT JOB
	11:00 - 12:00	1.00	CMT	1	CSGPRO	RIG DOWN HALLIBURTON
	12:00 - 16:00	4.00	WOT	1	CSGPRO	WAIT ON CEMENT, MONITOR ANNULAS, WELL FLOWING .82 BPH, TRANSFER 1500 BBLS 15.0 PPG INVERT TO UNIT 232, CONTINUE TO CLEAN MUD TANKS
	16:00 - 00:00	8.00	WOT	1	CSGPRO	CLOSE TOP PIPE RAMS, CONTINUE TO MONITOR ANNULAS, PRESSURE STARTING TO STABILIZE @ 1230 PSI, CONTINUE TO CLEAN MUD TANKS
	00:00 - 02:30	2.50	BOP	1	CSGPRO	BLEED PSI, FLOW CHECK (STATIC) NIPPLE DOWN BOP'S, CONTINUE TO CLEAN MUD TANKS
	02:30 - 03:00	0.50	CSG	7	CSGPRO	SET CAMERON CASING SLIPS WITH 20K OVER (180K)
	03:00 - 04:00	1.00	CSG	6	CSGPRO	CUT CASING, LOWER BOP'S, RIG DOWN B & C BOP HOISTS, LAY DOWN CUTOFF CSG
	04:00 - 06:00	2.00	BOP	1	CSGPRO	CONTINUE TO NIPPLE DOWN BOP'S FOR RIG MOVE, CONTINUE TO CLEAN MUD TANKS
	06:00 -				CSGPRO	

Operations Summary Report

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Event Name:	DRILLING	End:	11/15/2008
Contractor Name:	Pro Petro	Rig Release:	9/6/2008
Rig Name:	PRO PETRO	Group:	
		Rig Number:	9

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/13/2008	: -				CSGPRO	NOTE: TRANSFERED 1500 BBLS 15.0 PPG INVERT TO UNIT 232, WV13A 15-8-21
11/14/2008	06:00 - 06:00	24.00	LOC	4	CSGPRO	FLUSH MUD LINES, CLEAN MUD TANKS, RIG DOWN TOP DRIVE, READY DERRICK TO LAY OVER, WAIT ON ORDERS
	06:00 -				CSGPRO	NOTE: STILL CLEANING MUD TANKS, WILL RELEASE RIG WHEN FINISHED, 80% CLEAN
11/15/2008	06:00 - 06:00	24.00	LOC	7	CSGPRO	CLEAN MUD TANKS, RIG DOWN PREPARE FOR TRUCKS
	06:00 -				CSGPRO	RIG RELEASED 15-NOV-08 @ 06:00 HRS

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 End:
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/6/2008	06:00 - 18:00	12.00	LOC	4	MIRU	RIG DOWN MUD TANKS, TOP DRIVE & SERVICE LOOP, HAULING OBM TO UNIT 234
	18:00 - 06:00	12.00	LOC	4	MIRU	LAY DOWN SWIVEL, RIG DOWN TORQUE TUBE & TOP DRIVE POWER UNIT, LAY DOWN SWIVEL & INSTALL NEW BRIDLE LINE
9/7/2008	00:00 - 13:00	13.00	DRL	1	DRLSUR	DRILL F/ 80'-520', BLOW HOLE CLEAN, LAY DOWN DRILL STRING & RUN 13 3/8" CSG
	13:00 - 14:30	1.50	CMT	2	CSGSUR	RIG UP & CEMENT CSG WITH 500 SX PREMIUM "G" 15.8 PPG, PLUG BUMPED, FLOATS HELD, RECOVERED 20 BBLs CMT TO SURFACE
9/8/2008	06:00 - 18:00	12.00	LOC	4	MIRU	RIG DOWN ON WV 15D-23-8-21 RIG DOWN- SLIP 10 WRAPS ON DRUM, BRIDLE UP, READY DERRICK & LAY OVER DERRICK, CRANE ARRIVED @ 0:900- RIGGED DOWN GASBUSTER, BUSTER LINES, FLOWLINE, SOLIDS CONTROL EQUIPMENT, BAR HOPPERS & HOPPER HOUSE, SET DOWN DOGHOUSE, PARTSHOUSE & WIDWALLS, RIGGED DOWN ALL POWER CORDS. FINISHED HAULING OBM TO UNIT 234 & RIGGED DOWN TANK FARM. RIG IS READY FOR TRUCKS
	18:00 - 06:00	12.00	LOC	4	MIRU	WAIT ON DAYLIGHT
	06:00 - 15:00	9.00	LOC	4	MIRU	RIG DOWN & MOVE RIG (DRILL STRINGS, HOUSES & SOLIDS CONTROL EQUIPMENT STILL ON OLD LOCATION)
9/9/2008	15:00 - 18:00	3.00	LOC	4	MIRU	RIG UP- LAYED DOWN LINER, SET SUB MATS & SUBS, SET STACK ON WELL HEAD (FINISHED GRADING LOCATION & WELDING ON HEAD @ 14:30)
	18:00 - 06:00	12.00	LOC	4	MIRU	WAIT ON DAYLIGHT
	06:00 - 18:00	12.00	LOC	4	MIRU	RIG UP- SET MUD TANKS, PINNED DERRICK, SET DOGHOUSE, PARTSHOUSE, SET BACK YARD, SET SOLIDS CONTROL EQUIPMENT & BAR HOPPERS (90% SET IN)
9/10/2008	18:00 - 06:00	12.00	LOC	4	MIRU	WAIT ON DAYLIGHT
	06:00 - 18:00	12.00	LOC	4	MIRU	RIG UP- STRING BLOCKS & RAISE DERRICK, FINISHED SETTING SOLIDS CONTROL EQUIPMENT, RIG UP BUSTER LINES & FLARE LINES, SET OBM TANKS & HOUSES, CONTINUE WITH GENERAL RIG UP. (60% RIGGED UP) (UNIT MECHANICS INSPECTED DRAWWORKS, PUMPS & TOP DRIVE & ARE CHANGING HYDRAULIC HOSES IN SERVICE LOOP ON TOP DRIVE)
9/11/2008	18:00 - 06:00	12.00	LOC	4	MIRU	WAIT ON DAYLIGHT
	06:00 - 18:00	12.00	LOC	4	MIRU	RIG UP-RIGGED UP FLOOR, BRIDLED DOWN, RIGGED UP SOLIDS CONTROL EQUIPMENT, REPLACED BAD AGITATOR ON PITS, Poured CONCRETE IN CELLAR, STARTED RIGGING UP TORQUE TUBE (TESCO MECHANICS FINISHED CHANGING HYDRAULIC HOSES ON POWER UNIT BUT STILL WAITING FOR NEW VALVES, VALVES DUE TO ARRIVE IN THE MORNING)
9/12/2008	18:00 - 06:00	12.00	LOC	4	MIRU	RIG UP- HOOK UP FLOWLINE, NIPPLE UP CHOKE LINE & KILL LINE, RIG UP MUD TANKS & START FILLING TANKS, HOOK UP MUD LINES
	06:00 - 18:00	12.00	LOC	4	MIRU	NIPPLE UP, HANG SERVICE LOOP FOR TOPDRIVE AND HOOK TO SAME, UNPIN FROM CRADLE AND LD, INSTALL HIGH PRESSURE VALVES TO NEW SERVICE LOOP, INSTALL WHIP CHECKS AND FINISH GROUNDING BUILDINGS - TORQUE UP BOP'S
	18:00 - 22:00	4.00	LOC	4	MIRU	KEEP RIGGING UP TOP DRIVE, BALES, ELEVATORS, KELLY VALVES AND SAVER SUB, HOOK TOP DRIVE TO TORQUE TUBE
	22:00 - 04:00	6.00	BOP	2	MIRU	5000 PSI TEST ON BOP'S - OK

Operations Summary Report

Legal Well Name: GB 3D-4-8-22R
 Common Well Name: GB 3D-4-8-22R
 Event Name: DRILLING
 Contractor Name: Pro Petro
 Rig Name: PRO PETRO
 Spud Date: 8/30/2008
 Start: 8/26/2008
 End:
 Rig Release: 9/6/2008
 Group:
 Rig Number: 9

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/12/2008	04:00 - 06:00	2.00	LOC	4	MIRU	RIG UP PROTECTION TART ON SERVICE LOOP, START HOOKING UP MANIFOLD TO RT. HEAD FROM FILL UP LINE AND TRIP TANK, HOOK UP KELLY HOSE, WILL BE PICKING UP BHA AND TESTING LINES THIS AM, DRILL OUT, FIT, TRIP OUT AND IN, DRILL AHEAD
9/13/2008	06:00 - 12:00	6.00	LOC	4	DRLIN1	FINISH GROUNDING RIG ANDOTHER SMALL ITEMS, FIX LINES ON TOP DRIVE LOOP, RIG UP CELLAR AND DRIP PANS FOR DRILLING
	12:00 - 13:00	1.00	BOP	1	DRLIN1	INSTALL WEARBUSHING
	13:00 - 17:30	4.50	TRP	1	DRLIN1	HANDLE BIT, BIT SUB AND IBS, PICK UP BHA FOR DRILL OUT
	17:30 - 18:00	0.50	OTH		DRLIN1	PRESSURE TEST MUD LINES - REPAIR LEAKS
	18:00 - 19:00	1.00	OTH		DRLIN1	FINISH TESTING LINES AND FIXING LEAKS
	19:00 - 22:30	3.50	DRL	4	DRLIN1	DRILL33' CEMENT BEFORE PLUG, PLUG RIGHT AT 492'.
	22:30 - 23:00	0.50	CIRC	1	DRLIN1	SWEEP HOLE FOR FIT
	23:00 - 23:30	0.50	EQT	2	DRLIN1	FIT = 11.0 MUD EQUIVLENT WITH TEST MUD AT 8.6 - 73 PSI AT SURFACE - OK
	23:30 - 00:30	1.00	TRP	10	DRLIN1	TRIP OUT FOR CSX TOOLS
	00:30 - 01:30	1.00	TRP	1	DRLIN1	HANDLE BHA
	01:30 - 02:30	1.00	RIG	1	DRLIN1	SERVICE RIG AND TOP DRIVE
	02:30 - 03:00	0.50	TRP	2	DRLIN1	TRIP IN TO HOLE WITH NEW ASSEMBLY
	03:00 - 06:00	3.00	DRL	1	DRLIN1	DRILL FROM 535 TO 745
9/14/2008	06:00 - 16:00	10.00	DRL	1	DRLIN1	DRILL FROM 745TO 1081
	16:00 - 16:30	0.50	CIRC	1	DRLIN1	PUMP SWEEP AND CIRC. FOR SURVEY
	16:30 - 17:00	0.50	SUR	1	DRLIN1	SURVEY - DEPTH = 985 - .2 - 187.5
	17:00 - 18:00	1.00	RIG	1	DRLIN1	SERVICE RIG AND TOP DRIVE
	18:00 - 21:00	3.00	DRL	1	DRLIN1	HAND DRILL FROM 1081 TO 1203 - PASON COMPUTER DOWN - DRILLED BLIND WHILE DOING REPAIRS
	21:00 - 00:00	3.00	DRL	1	DRLIN1	DRILL FROM 1203 TO 1270
	00:00 - 01:00	1.00	CIRC	1	DRLIN1	SLOWPUMPRATES AND CONNECTIONS FOR BOTH CREWS AND CHANGE OUT KELLYJOINT
	01:00 - 06:00	5.00	DRL	1	DRLIN1	DRILL FROM 1270 TO 1475 - TORGUE HIGH FROM TOOLS IN HOLE
9/15/2008	06:00 - 15:30	9.50	DRL	1	DRLIN1	DRILL FROM 1475 TO 1725
	15:30 - 16:30	1.00	RIG	1	DRLIN1	SERVICE RIG AND TOP DRIVE
	16:30 - 17:00	0.50	SUR	1	DRLIN1	SURVEY DEPTH = 1629 - .2 - 179.4
	17:00 - 18:00	1.00	DRL	1	DRLIN1	DRILL FROM 1725 TO 1765
	18:00 - 21:00	3.00	DRL	1	DRLIN1	DRILL BY HAND WAITING FOR PASON TO SHOW UP WITH PARTS - 1765 TO 1832
	21:00 - 22:00	1.00	OTH		DRLIN1	REPAIR PASON AUTO DIGGER AND CHANGE OUT ENCODER
	22:00 - 06:00	8.00	DRL	1	DRLIN1	DRILL FROM 1832 TO 2126 - MUD WT. INCREASED DUE TO SOME SLOUGHING
9/16/2008	06:00 - 15:00	9.00	DRL	1	DRLSUR	DRILL 12.25"HOLE FROM 2126 FEET TO 2361 FEET
	15:00 - 16:00	1.00	RIG	1	DRLSUR	RIG SERVICE
	16:00 - 18:00	2.00	DRL	1	DRLSUR	DRILL 12.25" HOLE FROM 2361 FEET TO 2424 FEET
	18:00 - 19:00	1.00	SUR	1	DRLSUR	WIRELINE SURVEY - .4 - 2337' - 201.6
	19:00 - 21:00	2.00	DRL	1	DRLSUR	DRILL FROM 2424 TO 2489
	21:00 - 22:00	1.00	CIRC	1	DRLSUR	SLOW PUMPRATES AND CONNECTIONS FOR BOTH CREWS
	22:00 - 06:00	8.00	DRL	1	DRLSUR	DRILL FROM 2489 TO 2766
9/17/2008	06:00 - 15:30	9.50	DRL	1	CSGIN1	DRILL FROM 2766 TO 3079
	15:30 - 16:30	1.00	RIG	1	CSGIN1	SERVICE RIG AND TOP DRIVE
	16:30 - 18:00	1.50	DRL	1	CSGIN1	DRILL FROM 3079 TO 3111
	18:00 - 18:30	0.50	CIRC	1	CSGIN1	CLEAN POSSUM BELLIES - PLUGGED
	18:30 - 21:00	2.50	DRL	1	CSGIN1	DRILL FROM 3111 TO 3175
	21:00 - 21:30	0.50	RIG	2	CSGIN1	CHANGE OUT FUEL FILTERS ON FUEL RAIL FOR #1 MOTOR
	21:30 - 03:00	5.50	DRL	1	CSGIN1	DRILL FROM 3175 TO 3296
	03:00 - 05:00	2.00	FISH	3	CSGIN1	JAR ON STRING TO FREE UP - ROTARY STALLED - COULD NOT

Operations Summary Report

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 Event Name: DRILLING
 Contractor Name: Pro Petro
 Rig Name: PRO PETRO
 Start: 8/26/2008
 Rig Release: 9/6/2008
 Rig Number: 9
 Spud Date: 8/30/2008
 End:
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/17/2008	03:00 - 05:00	2.00	FISH	3	CSGIN1	CIRCULATE
	05:00 - 06:00	1.00	CIRC	1	CSGIN1	CIRCULATE HOLE CLEAN WHILE SLOWLY REAMING UP
9/18/2008	06:00 - 08:00	2.00	REAM	1	DRLIN1	BACK REAM 180' OUT OF HOLE WHILE CIRCULATING AT FULL GPM - LOST 215 BBLs WORKING FREE AND REAMING
	08:00 - 14:00	6.00	DRL	1	DRLIN1	DRILL FROM 3296 TO 3420
	14:00 - 15:00	1.00	RIG	1	DRLIN1	SERVICE RIG AND TOP DRIVE
	15:00 - 18:00	3.00	DRL	1	DRLIN1	DRILL FROM 3420 TO 3485
	18:00 - 03:00	9.00	DRL	1	DRLIN1	DRILL FROM 3485 TO 3651
	03:00 - 06:00	3.00	RIG	2	DRLIN1	#2 PUMP - WEAR PLATE, BOTH GASKETS, SWAB, LINER LOOKS OK,
9/19/2008	06:00 - 09:30	3.50	DRL	1	DRLIN1	DRILL FROM 3651 TO 3694 - ROP SLOWED - JETS PLUGGING - PSI UP TO 3500
	09:30 - 10:30	1.00	RIG	1	DRLIN1	SERVICE RIG AND TOP DRIVE
	10:30 - 11:00	0.50	SUR	1	DRLIN1	DROP SERVEY - DEPTH = 3609 - .6 - 184.3
	11:00 - 11:30	0.50	CIRC	1	DRLIN1	FLOW CHECK - OK
	11:30 - 12:30	1.00	CIRC	1	DRLIN1	SPOT LCM PILL ALONG WITH TRIP SLUG - VALVE PROBLEM IN PILL TANK
	12:30 - 15:00	2.50	TRP	10	DRLIN1	TRIP OUT - BACK REAM 10 STANDS OUT - HOLE CLEAN AFTER THAT - BIT NOW PLUGGED - TRIP OUT WET
	15:00 - 15:30	0.50	BOP	1	DRLIN1	PULL RT. HEAD
	15:30 - 18:00	2.50	TRP	10	DRLIN1	FINISH WET TRIP OUT
	18:00 - 19:00	1.00	TRP	1	DRLIN1	LD MOTOR, HOLE OPENER ECT
	19:00 - 19:30	0.50	OTH		DRLIN1	CLEAN FLOOR FOR TRIP IN
	19:30 - 20:00	0.50	TRP	1	DRLIN1	PICK UP BIT AND MM
	20:00 - 20:30	0.50	CIRC	1	DRLIN1	SURFACE TEST MM -
	20:30 - 23:00	2.50	TRP	1	DRLIN1	TRIP BHA IN TO HOLE
	23:00 - 23:30	0.50	CIRC	1	DRLIN1	CIRCULATE HOLE CLEAN AT 2200'
	23:30 - 02:00	2.50	TRP	2	DRLIN1	TRIP IN TO HOLE AND WASH AND REAM FROM 2970 TO 3650
	02:00 - 03:00	1.00	DRL	1	DRLIN1	DRILL RAT HOLE FROM HOLE OPENER
	03:00 - 06:00	3.00	DRL	1	DRLIN1	DRILL FROM 3694 TO 3745 - TORQUE SMOOTH - SEEPING 4 BBLs PER HOUR - BOTH SHAKERS BYPASSED - 10% LCM IN ACTIVE SYSTEM
9/20/2008	06:00 - 12:00	6.00	DRL	1	DRLIN1	DRILL FROM 3745 TO 3900
	12:00 - 13:00	1.00	RIG	1	DRLIN1	SERVICE RIG AND TOP DRIVE
	13:00 - 17:00	4.00	DRL	1	DRLIN1	DRILL FROM 3900 TO 4018 -
	17:00 - 18:00	1.00	RIG	2	DRLIN1	REPAIR PUMP - #1 PUMP - SWAB AND SEAT FROM SOLIDS AND LCM IN ACTIVE SYSTEM
	18:00 - 18:50	0.83	RIG	2	DRLIN1	FINISH PUMP REPAIR
	18:50 - 06:00	11.17	DRL	1	DRLIN1	DRILL FROM 4018 TO 4235 - HOLE SEEPING AT 5 BBLs PER NOW WITH SHAKERS BYPASSED AND 12 % LCM IN ACTIVE SYSTEM - HALLIBURTON BULK TANK SHOWED UP AT 2200
9/21/2008	06:00 - 11:30	5.50	DRL	1	DRLIN1	DRILL FROM 4235 TO 4301
	11:30 - 12:00	0.50	DRL	1	DRLIN1	PUMP SWEEPS AND DIFFERANT PERAMATERS - WONT DRILL
	12:00 - 12:30	0.50	CIRC	1	DRLIN1	SPOT LCM SWEEP - PUMP TRIP SLUG
	12:30 - 14:30	2.00	TRP	10	DRLIN1	TRIP OUT FOR BIT
	14:30 - 15:00	0.50	BOP	1	DRLIN1	PULL RT HEAD
	15:00 - 17:00	2.00	TRP	10	DRLIN1	TRIP BHA OUT
	17:00 - 18:00	1.00	TRP	1	DRLIN1	DRAIN AND LD MM AND BIT - PICK UP SAME
	18:00 - 18:30	0.50	CIRC	1	DRLIN1	SURFACE TEST MM
	18:30 - 20:30	2.00	TRP	2	DRLIN1	TRIP BHA IN - FILL AT HW - CIRCULATE TRIP SLUG OUT AT 2000' - WORK TIGHT SPOT AT 2218'
	20:30 - 21:00	0.50	BOP	1	DRLIN1	INSTALL RT. HEAD
	21:00 - 21:30	0.50	TRP	2	DRLIN1	TRIP TO 2850 - GOT TIGHT - KELLY UP

Operations Summary Report

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 Event Name: DRILLING
 Contractor Name: Pro Petro
 Rig Name: PRO PETRO
 Spud Date: 8/30/2008
 Start: 8/26/2008
 End:
 Rig Release: 9/6/2008
 Group:
 Rig Number: 9

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/21/2008	21:30 - 22:00	0.50	REAM	1	DRLIN1	WASH AND REAM 2850 TO 3150 - HOLE CLEAN
	22:00 - 22:30	0.50	TRP	2	DRLIN1	TRIP TO 3468 - LOST RETURNS
	22:30 - 23:00	0.50	CIRC	2	DRLIN1	LOST TOTAL RETURNS - SPOT 25% LCM PILL
	23:00 - 23:30	0.50	TRP	2	DRLIN1	TRIP OUT TO 3150
	23:30 - 00:00	0.50	CIRC	2	DRLIN1	ATTEMPT TO REGAIN CIRC. WITH NO LUCK
	00:00 - 00:30	0.50	TRP	2	DRLIN1	TRIP OUT TO 2800
	00:30 - 02:00	1.50	CIRC	1	DRLIN1	REGAINED CIRCULATION AND BUILD VOLUME - THEN WE LOST TOTAL RETURNS AFTER 1.5 HOURS ON SPR
	02:00 - 03:00	1.00	TRP	2	DRLIN1	TRIP BACK TO 3500' TO SPOT 125 BBLs OF 35% LCM PILL
	03:00 - 04:00	1.00	CIRC	1	DRLIN1	SPOT 125 BBLs OF 35% LCM
	04:00 - 05:00	1.00	TRP	2	DRLIN1	TRIP IN TO HOLE TO 4100'
9/22/2008	05:00 - 06:00	1.00	REAM	1	DRLIN1	WASH AND REAM FROM 4100 TO 4250 - 610 BBLs LOSS FOR LAST 24 HOURS
	06:00 - 07:30	1.50	REAM	1	DRLIN1	FINISH SAFETY REAM FROM 4250 TO 4301 - TOOK 10K TO REAM DOWN
	07:30 - 13:00	5.50	DRL	1	DRLIN1	DRILL FROM 4301 TO 4366
	13:00 - 14:00	1.00	RIG	1	DRLIN1	SERVICE RIG AND TOP DRIVE
	14:00 - 18:00	4.00	DRL	1	DRLIN1	DRILL FROM 4366 TO 4426
	18:00 - 02:00	8.00	DRL	1	DRLIN1	DRILL FROM 4426 TO 4526
	02:00 - 03:00	1.00	RIG	2	DRLIN1	CHANGE OUT SWAB ON #2 PUMP
	03:00 - 05:00	2.00	DRL	1	DRLIN1	DRILL FROM 4526 TO 4546 - DRILLING LIGHT FRACTURES AT PRESENT - TD = 4612 - SEEPING 5-7 BBLs PH
	05:00 - 06:00	1.00	RIG	2	DRLIN1	CHANGE OUT ANOTHER SWAB ON PUMP
	9/23/2008	06:00 - 09:30	3.50	DRL	1	DRLIN1
09:30 - 10:30		1.00	RIG	2	DRLIN1	SERVICE RIG AND TOP DRIVE
10:30 - 14:30		4.00	DRL	1	DRLIN1	DRILL FROM 4580 TO 4612 - RAN 33K TO 36K ON BIT TO GET TO DRILL LAST 20' - T.D. FOR CASING
14:30 - 15:00		0.50	CIRC	1	DRLIN1	CIRCULATE BOTTOMS UP
15:00 - 15:30		0.50	SUR	1	DRLIN1	DROP SURVEY - 4540' - 3.8 - 223.6
15:30 - 16:00		0.50	CIRC	1	DRLIN1	SPOT LCM SWEEP AND TRIP SLUG
16:00 - 17:30		1.50	TRP	2	DRLIN1	TRIP OUT TO RUN CASING
17:30 - 18:00		0.50	BOP	1	DRLIN1	PULL RT. HEAD
18:00 - 20:00		2.00	TRP	2	DRLIN1	FINISH TRIP OUT TO 8" BHA
20:00 - 21:00		1.00	TRP	1	DRLIN1	LD 8" BHA AND MM - BIT
9/24/2008	21:00 - 21:30	0.50	BOP	1	DRLIN1	PULL WEAR BUSHING
	21:30 - 23:30	2.00	CSG	1	CSGIN1	HOLD SAFETY MEETING AND RIG UP CASING CREW
	23:30 - 06:00	6.50	CSG	2	CSGIN1	PICK UP AND RUN CASING - AT 0800 WE ARE AT 4378 - TRYING TO WORK THRU TIGHT SPOT - PUMPING DOES NOT HELP - NO RETURNS AT ALL
	06:00 - 14:30	8.50	CSG	2	CSGIN1	FINISH CIRCULATING AND BEATING CASING DOWN - SET LANDING JOINT
	14:30 - 15:30	1.00	CSG	1	CSGIN1	RIG DOWN CASING CREW
	15:30 - 18:00	2.50	BOP	1	CSGIN1	INSTALL PACK-OFF - TEST - CALLED BLM ON BOP TEST TIME - WILL NOT MAKE IT - CLEAN MUD TANKS, WHAT WAS LEFT ANYWAY, BUILD 1140 BBLs OF NEW MUD - WILL BE DONE BY 0600 HOURS
	18:00 - 19:30	1.50	BOP	1	CSGIN1	FINISH PACKOFF TEST - SET CEMENT ISOLATION TOOL
	19:30 - 20:00	0.50	CMT	1	CSGIN1	HOLD SAFETY MEETING
	20:00 - 22:00	2.00	CMT	1	CSGIN1	PAINFULLY FINISH RIGGING UP HALLIBURTON
	22:00 - 02:30	4.50	CMT	2	CSGIN1	PRESSURE TEST LINES TO 5000 PSI. PRESSURE TEST N2 LINES TO 7000 PSI. PUMP SPACER TRAIN (50 BBLs AT 5 BPM) 10 FRESH, 30 SUPER FLUSH XLC W/ TUF FIBRE, 10 FRESH, PUMP SCAVENGER CEMENT, 30 BBLs @ 5 BBLs PM, DENSITY = 14.3

Operations Summary Report

Legal Well Name: GB 3D-4-8-22R
 Common Well Name: GB 3D-4-8-22R
 Event Name: DRILLING
 Contractor Name: Pro Petro
 Rig Name: PRO PETRO

Spud Date: 8/30/2008
 Start: 8/26/2008
 End:
 Rig Release: 9/6/2008
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 Rig Number: 9

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/24/2008	22:00 - 02:30	4.50	CMT	2	CSGIN1	PPG, FOAM DENSITY = 7 PPG, QUALITY = 51.05%, YIELD = 1.48 FT3/SK, WATER REQ. = 6.44 GAL/SK - PUMP FIRST LEAD CEMENT, 155 BBL @ 5 BPM, DENSITY = 14.3 PPG, FOAM DENSITY = 8.5 PPG, QUALITY = 40.56%, YIELD = 1.48 FT3/SK, WATER REQ. = 6.44 GAL/SK - PUMP SECOND LEAD CEMENT, DENSITY = 14.3 PPG, FOAM DENSITY = 11 PPG, QUALITY = 23.08%, YIELD = 1.48 FT3/SK, WATER REQ. = 6.44 GAL/SK - PUMP TAIL - 62 BBL @ 5 BPM, DENSITY = 14.3PPG, YIEL = 1.48 FT3/SK, WATER REQ. = 6.44 GAL/SK, DROP PLUG AND WASH ON TOP. PUMP 334 BBLs DISPLACMENT = 150 BBL @ 60BPM, 120 @ 5 BPM, 40 BBL @ 3 BPM, 23.94 BBL @ 2 BPM, BUMP PLUG AT 670 PSI TO 1380 - HELD FOR 30 MIN. FLOAT HELD - PUMP CAP CEMENT @ 55.2 BBL @ 3 BPM - DENSITY = 14.6, YIELD = 1.55 FT3/SK, WATER REQ. = 7.35 GAL/SK, PUMP 3 BBL WATER DISPLACEMENT - NO PSI ON CAP - DISPLACEMENT WAS 8.3 FRESH WATER
	02:30 - 04:30	2.00	CMT	1	CSGIN1	RIG DOWN CEMENTERS
	04:30 - 05:30	1.00	BOP	1	CSGIN1	RIG DOWN CEMENT ISOLATION TOOL - HAVING TROUBLE RETRIEVING TOOL
	05:30 - 06:00	0.50	BOP	2	CSGIN1	RIG UP TO TEST BOP'S - CALLED BLM AND TALKED TO CLIFF, COULD NOT MAKE TEST TIME
9/25/2008	06:00 - 14:30	8.50	BOP	1	CSGIN1	ATTEMPT TO PULL CEMENT ISOLATION TOOL, PULLED 30K OVER BLOCK HANGING WT USING LOG CHAIN, REMOVED PINS FROM "C" SECTION & BACK FLUSHED THRU 2" OUTLETS, ABLE TO GET 2 INCHES OF MOVEMENT, CSG ELEVATORS ARRIVED @ 1400, PULLED 55K OVER BLOCK HANGING WT & ISOLATION TOOL CAME FREE, TOOL WAS PACKED OFF WITH BARITE & LCM
	14:30 - 15:30	1.00	BOP	1	CSGIN1	FLUSH OUT WELLHEAD & PUT PACKING RETAINERS & PINS BACK IN "C" SECTION
	15:30 - 21:00	5.50	BOP	2	CSGIN1	PRESSURE TEST BOP- ALL RAMS & VALVES 10,000 PSI HI FOR 10 MIN., 250 PSI LOW FOR 5 MIN., ANNULAR- 5,000 PSI HI, 250 LOW, CSG- 1500 PSI FOR 30 MIN.
	21:00 - 21:30	0.50	BOP	1	CSGIN1	INSTALL WEAR BUSHING
	21:30 - 22:30	1.00	RIG	1	DRLIN2	LUBRICATE RIG & TOP DRIVE
	22:30 - 23:00	0.50	TRP	1	DRLIN2	PICK UP & SURFACE TEST MUD MOTOR
	23:00 - 00:30	1.50	TRP	1	DRLIN2	PICK UP 6.5" NON MAG, TWO 6.5" DC'S & TRIP IN BHA
	00:30 - 01:00	0.50	TRP	1	DRLIN2	CHANGE OUT DRLG JARS
	01:00 - 03:00	2.00	TRP	3	DRLIN2	LAY DOWN 22 JTS OF "S" PIPE ("S" PIPE MIXED WITH "G" PIPE)
	03:00 - 06:00	3.00	TRP	2	DRLIN2	PICK UP 22 JTS OF "G" PIPE & TRIP IN
9/26/2008	06:00 - 06:30	0.50	TRP	2	DRLIN2	TRIP INTO 4430'
	06:30 - 07:00	0.50	TRP	2	DRLIN2	INSTALL ROT. HEAD ELEMENT
	07:00 - 08:00	1.00	RIG	2	DRLIN2	REPLACE BAD SWABS IN BOTH PUMPS
	08:00 - 08:30	0.50	REAM	1	DRLIN2	WASH 120' TO TOP OF CEMENT @ 4550'
	08:30 - 10:00	1.50	DRL	4	DRLIN2	DRILL CEMENT, FLOAT EQUIPMENT & 10' OF NEW HOLE
	10:00 - 10:30	0.50	EQT	2	DRLIN2	CIRC. & FIT TO 13.5 EQUIVILENT, FUNCTIONED TOP PIPE RAMS & HCR
	10:30 - 18:30	8.00	DRL	1	DRLIN2	DRILL F/ 4622'-4724', WOB- 12/15, RPM- 140/150 COMBINED, GPM- 405/450, MW- 9.2, VIS- 32, LOST PARTIAL RETURNS @ 4650 (105 BBLs), STARTED PUMPING 15 BBL SWEEPS WITH 10% LCM EVERY HR, LOSING 15 BBLs/HR, BG GAS- 30u
	18:30 - 19:30	1.00	RIG	1	DRLIN2	LUBRICATE RIG & TOP DRIVE
	19:30 - 22:00	2.50	DRL	1	DRLIN2	DRILL F/ 4724'-4812', DRLG WITH SAME PARAMETERS, MW & VIS, PUMPING 15 BBL LCM SWEEPS HOURLY
	22:00 - 00:30	2.50	CIRC	2	DRLIN2	LOST CIRC @ 4812' (140 BBLs), PUMPED 60 BBL SWEEP WITH

Operations Summary Report

Legal Well Name: GB 3D-4-8-22R
 Common Well Name: GB 3D-4-8-22R
 Event Name: DRILLING
 Contractor Name: Pro Petro
 Rig Name: PRO PETRO
 Spud Date: 8/30/2008
 Start: 8/26/2008
 End:
 Rig Release: 9/6/2008
 Group:
 Rig Number: 9

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/26/2008	22:00 - 00:30	2.50	CIRC	2	DRLIN2	12% LCM, REGAINED PARTIAL RETURNS, BYPASSED SHAKERS, MIX LCM & BUILD VOLUME, BACK REAMED THRU TIGHT SPOT @ 4742', MW- 9.2, VIS- 34, LCM- 7%, LOSING 10 BBL/HR
	00:30 - 03:30	3.00	DRL	1	DRLIN2	DRILL F/ 4812'-4825', WOB- 15/20K, RPM- 140 COMBINED, GPM- 425, UNABLE TO GET BIT TO DRILL, SUSPECT DAMAGED MUD MOTOR OR BIT WHILE BACK REAMING
	03:30 - 04:30	1.00	CIRC	1	DRLIN2	CIRC & MIX TRIP SLUG & FILL TRIP TANK
	04:30 - 05:00	0.50	SUR	1	DRLIN2	DROP SURVEY & PULL 3 STDS TO CSG SHOE (RETORQUE CONNECTIONS)
	05:00 - 05:30	0.50	TRP	10	DRLIN2	PUMP TRIP SLUG & PULL ROT. HEAD ELEMENT
9/27/2008	05:30 - 06:00	0.50	TRP	10	DRLIN2	TRIP OUT F/ BIT & MUD MOTOR (RETORQUE CONNECTIONS)
	06:00 - 09:00	3.00	TRP	10	DRLIN2	TRIP OUT (RETORQUE DP CONNECTIONS) HOLE FILL 15 BBL OVER CALCULATED
	09:00 - 09:30	0.50	TRP	1	DRLIN2	BREAK BIT & LAY DOWN MUD MOTOR
	09:30 - 11:00	1.50	RIG	1	DRLIN2	LUBRICATE RIG & TOP DRIVE & CHANGE OIL IN TOP DRIVE
	11:00 - 11:30	0.50	TRP	1	DRLIN2	PICK UP & SURFACE TEST MUD MOTOR
	11:30 - 14:30	3.00	TRP	10	DRLIN2	TRIP IN TO 4200', FILL PIPE EVERY 1500'
	14:30 - 15:00	0.50	TRP	10	DRLIN2	INSTALL ROT. HEAD ELEMENT & BREAK CIRC.
	15:00 - 15:30	0.50	REAM	1	DRLIN2	TRIP IN 3 STDS & WASH 65' TO BOTTOM
	15:30 - 20:30	5.00	DRL	1	DRLIN2	DRILL F/ 4825'-4917', WOB- 8/10K, RPM- 142 COMBINED, GPM- 407, MW- 9.25, VIS- 33, LCM- 6%, SEEPING 2/3 BBL/HR, SHAKERS PARTIALLY BYPASSED, PUMPING 10 BBL LCM SWEEPS HOURLY, BG GAS- 35, CONN GAS- 150u
	20:30 - 21:30	1.00	RIG	2	DRLIN2	CHANGE OUT SAVER SUB
	21:30 - 03:30	6.00	DRL	1	DRLIN2	DRILL F/ 4917'-5104', DRLG WITH SAME PARAMETERS, MW & VIS LOST CIRC @ 5104', BYPASS SHAKERS, PUMP 100 BBL SWEEP
	03:30 - 05:00	1.50	CIRC	2	DRLIN2	WITH 12% LCM, MIX LCM & BUILD VOLUME
	05:00 - 06:00	1.00	DRL	1	DRLIN2	DRILL F/ 5104'-5122', WOB- 8/10K, RPM- 142 COMBINED, GPM- 407, MW- 9.25, VIS- 32, LCM- 8%, SHAKERS BYPASSED, SEEPING 8 BBL/HR, PUMPING 15 BBL LCM SWEEPS HOURLY, BG GAS- 140u, CONN GAS- 220u
9/28/2008	06:00 - 14:30	8.50	DRL	1	DRLIN2	DRILL F/ 5122'-5352', WOB- 8/10K, RPM- 142/148 COMBINED, GPM- 406, MW- 9.3, VIS- 35, LCM- 6%, SHAKERS PARTIALLY BYPASSED, PUMPING 10 BBL LCM SWEEPS HOURLY, SEEPING 3-4 BBL/HR, BG GAS- 30u, CONN GAS- 150u
	14:30 - 15:30	1.00	RIG	1	DRLIN2	LUBRICATE RIG & TOP DRIVE, FUNCTIONED TOP PIPE RAMS & COM
	15:30 - 02:00	10.50	DRL	1	DRLIN2	DRILL F/ 5352'-5549', DRLG WITH SAME PARAMETERS, MW & VIS LOST PARTIAL RETURNS @ 5545', PUMP TWO 50 BBL SWEEPS
	02:00 - 03:00	1.00	CIRC	2	DRLIN2	WITH 15% LCM
	03:00 - 06:00	3.00	DRL	1	DRLIN2	DRILL F/ 5549'-5605', WOB- 10/15K, RPM- 142/155, GPM- 406/425, MW- 9.3, VIS- 35, LCM- 5%, HOLE SEEPING 10-12 BBL/HR, PUMPING 15 BBL LCM SWEEPS HOURLY, BG GAS- 30u, CONN GAS- 150u
9/29/2008	06:00 - 12:00	6.00	DRL	1	DRLIN2	DRILL F/ 5605'-5719', WOB- 12/16K, RPM- 150 COMBINED, GPM- 406, MW- 9.3, VIS- 35, LCM- 6%, SEEPING 7-8 BBL/HR, PUMPING 15 BBL LCM SWEEPS HOURLY WITH SHAKERS PARTIALLY BYPASSED.
	12:00 - 13:00	1.00	RIG	1	DRLIN2	LIBRICATE RIG & TOP DRIVE, FUNCTION HCR & COM, REPAIR AIR LINE ON LOW DRUM CLUTCH
	13:00 - 06:00	17.00	DRL	1	DRLIN2	DRILL F/ 5719'-6020', WOB- 15/18K, RPM- 150 COMBINED, GPM- 406, LCM- 5%, SEEPING 4 BBL/HR, PUMPING 10 BBL LCM SWEEPS HOURLY, BG GAS- 60u, CONN GAS- 200u

Operations Summary Report

Legal Well Name: GB 3D-4-8-22R
 Common Well Name: GB 3D-4-8-22R
 Event Name: DRILLING
 Contractor Name: Pro Petro
 Rig Name: PRO PETRO

Spud Date: 8/30/2008
 Start: 8/26/2008
 End:
 Rig Release: 9/6/2008
 Group:
 Rig Number: 9

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
9/30/2008	06:00 - 11:30	5.50	DRL	1	DRLIN2	DRILL F/ 6020'-6088', WOB- 14/18K, RPM- 150 COMBINED, GPM- 406, MW- 9.3, VIS- 35, LCM- 5%, SEEPING 2 BBLS/HR, PUMPING 10 BBL LCM SWEEPS HOURLY
	11:30 - 12:30	1.00	RIG	1	DRLIN2	LUBRICATE RIG & TOP DRIVE, FUNCTION ANNULAR & COM
	12:30 - 06:00	17.50	DRL	1	DRLIN2	DRILL F/ 6088'-6470', DRLG WITH SAME PARAMETERS, MW & VIS, LCM- 5%, SEEPING 2 BBLS/HR, PUMPING LCM SWEEPS HOURLY, BG GAS- 25u, CONN GAS- 350u
10/1/2008	06:00 - 10:30	4.50	DRL	1	DRLIN2	DRILL F/ 6470'-6580', WOB-16/18K, RPM- 150 COMBINED, GPM- 406, MW- 9.3, VIS- 36, LCM- 5%, SEEPING 2 BBLS/HR, PUMPING LCM SWEEPS HOURLY, BG GAS- 25u, CONN GAS- 50u
	10:30 - 11:30	1.00	RIG	1	DRLIN2	LUBRICATE RIG & TOP DRIVE, FUNCTION LOWER PIPE RAMS & COM
	11:30 - 03:00	15.50	DRL	1	DRLIN2	DRILL F/ 6580'-6860', WOB- 16/18K, RPM- 150 COMBINED, GPM- 406, MW- 9.3, VIS- 36, LCM- 5%, SEEPING 2-3 BBLS/HR, PUMPING LCM SWEEPS HOURLY, BG GAS- 20u, CONN GAS- 60u
10/2/2008	03:00 - 03:30	0.50	SUR	1	DRLIN2	DROP SURVEY
	03:30 - 04:00	0.50	CIRC	1	DRLIN2	SPOT 100 BBL PILL WITH 15% LCM & PUMP TRIP SLUG
	04:00 - 06:00	2.00	TRP	10	DRLIN2	TRIP OUT F/ BIT & MUD MOTOR
	06:00 - 07:00	1.00	RIG	1	DRLIN2	LUBRICATE RIG & TOP DRIVE
	07:00 - 12:30	5.50	ISP	1	DRLIN2	HOLD SAFETY MEETING & INSPECT BHA TRIPPING OUT
	12:30 - 13:00	0.50	TRP	1	DRLIN2	BREAK BIT & LAY DOWN MUD MOTOR, FUNCTIONED BLIND RAMS
	13:00 - 13:30	0.50	LOG	2	DRLIN2	HOLD SAFETY MEETING & RIG UP CASSED HOLE SOLUTIONS LOGGING TRUCK
	13:30 - 15:00	1.50	LOG	2	DRLIN2	RUN CEMENT BOND LOG FROM 4600' TO SURFACE
	15:00 - 15:30	0.50	LOG	2	DRLIN2	RIG DOWN LOGGING TOOLS
	15:30 - 16:00	0.50	TRP	1	DRLIN2	PICK UP & SURFACE TEST MUD MOTOR
	16:00 - 18:30	2.50	TRP	10	DRLIN2	TRIP IN TO 4500', FILL PIPE & BREAK CIRC. EVERY 2000'
	18:30 - 19:00	0.50	TRP	10	DRLIN2	INSTALL ROT. HEAD ELEMENT
	19:00 - 20:00	1.00	RIG	6	DRLIN2	CUT DRLG LINE & RESET COM
	20:00 - 21:30	1.50	TRP	10	DRLIN2	TRIP IN TO 6795'
	21:30 - 22:00	0.50	REAM	1	DRLIN2	WASH 65' TO BOTTOM, NO FILL
22:00 - 06:00	8.00	DRL	1	DRLIN2	DRILL F/ 6860'-7175', WOB- 8/12K, RPM- 150 COMBINED, GPM- 406, MW- 9.4, VIS- 37, LCM- 5%, CURRENTLY NO LOSSES, PUMPING 10 BBL LCM SWEEPS EVERY 2 HRS, BG GAS- 15u, CONN GAS- 25u, TRIP GAS- 325u	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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FORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: Oil Well Gas Well Dry Other
 b. Type of Completion: New Well Work Over Deepen Plug Back Diff. Resrvr.
 Other: _____

2. Name of Operator
Questar Exploration & Production Co.

3. Address **11002 EAST 17500 SOUTH - VERNAL, UT 84078** 3a. Phone No. (include area code)
435.781.4342 - Dahn Caldwell

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
1387' FNL, 2131' FWL, LOT 6, SEC 4-T8S-R22E

At surface
1387' FNL, 2131' FWL, LOT 6, SEC 4-T8S-R22E

At top prod. interval reported below
1387' FNL, 2131' FWL, LOT 6, SEC 4-T8S-R22E

14. Date Spudded **08/30/2008** 15. Date T.D. Reached **11/07/2008** 16. Date Completed **12/07/2008**
 D & A Ready to Prod.

18. Total Depth: MD **17,311'** TVD 19. Plug Back T.D.: MD **17,294'** TVD 20. Depth Bridge Plug Set: MD **N/A** TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) **MUD LOGS/TEMP/ACOUS. CB/GR/CCL/TEMP/3 DETECTOR LITHO DENS., LITHO DENS./COMP NEUTR**
 22. Was well cored? No Yes (Submit analysis)
 Was DST run? No Yes (Submit report)
 Directional Survey? No Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2"	13-3/8"	68#		510'		500 SXS		SURF - CIRC	
12-1/4"	9-5/8"	47#		4,599'		1575 SXS		SURF - UNK	
8-1/2"	7"	26#/29#		12,578'		2,440 SXS		SURF - UNK	
6-1/8"	4-1/2"	15.1/16.6		17,296'		740 SXS		7,340' - LOG	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
N/A								

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) SEE ATTACHMENT ONE			SEE ATTACHMENT ONE			
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
SEE ATTACHMENT ONE	SEE ATTACHMENT ONE

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
12/7/08	12/10/08	24	→	TRACE	4,753	1,741			FLOWING
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
24/64	N/A	3,550	→					PRODUCING	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

*(See instructions and spaces for additional data on page 2)

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28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Solid, used for fuel, vented, etc.)
SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
GREEN RIVER	2991			MANCOS 'B'	13100
MAHOGAN Y	4067			FRONTIER	15963
WASATCH	6622			DAKOTA SILT	16919
MESA VERDE	9279			DAKOTA	17135
CASTLEGATE	11866				
BLACKHAWK	12209				
MANCOS	12633				

32. Additional remarks (include plugging procedure):

FUTURE OIL PROSPECTS: GREEN RIVER & MAHOGAN Y

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- Electrical/Mechanical Logs (1 full set req'd.)
 Geologic Report
 DST Report
 Directional Survey
 Sundry Notice for plugging and cement verification
 Core Analysis
 Other: PERFORATION & FRACING REPORT

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) JIM SIMONTON Title COMPLETION SUPERVISOR
 Signature *Jim Simonton (dfc)* Date 01/29/2009

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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**GB 3D 4-8-22R – ATTACHMENT ONE
PERFORATION DETAIL:**

Open Perfs	Stimulation					Perf Status
7272' – 7273'	Frac w/	66,500	Lbs in	32,130	Gals	Open – Wasatch
7387' – 7388'						Open – Wasatch
7395' – 7396'						Open – Wasatch
7488' – 7489'						Open – Wasatch
7492' – 7493'						Open – Wasatch
8262' – 8263'						Open – Wasatch
9133' – 9134'	Frac w/	65,370	Lbs in	33,474	Gals	Open – Wasatch
9365' – 9366'						Open – Mesa Verde
9554' – 9555'						Open – Mesa Verde
9632' – 9633'						Open – Mesa Verde
9677' – 9678'						Open – Mesa Verde
9712' – 9713'						Open – Mesa Verde
9766' – 9767'	Frac w/	72,453	Lbs in	114,282	Gals	Open – Mesa Verde
9785' – 9786'						Open – Mesa Verde
9810' – 9811'						Open – Mesa Verde
9819' – 9820'						Open – Mesa Verde
9876' – 9877'						Open – Mesa Verde
9882' – 9883'						Open - LMV
9918' – 9919'						Open - LMV
10000' – 10001'						Open - LMV
10010' – 10011'						Open - LMV
10066' – 10067'						Open - LMV
10151' – 10152'	Frac w/	71,972	Lbs in	116,172	Gals	Open - LMV
10163' – 10164'						Open - LMV
10250' – 10251'						Open - LMV
10364' – 10365'						Open - LMV
10372' – 10373'						Open - LMV
10380' – 10381'						Open - LMV
10416' – 10417'						Open - LMV
10434' – 10435'						Open - LMV
10453' – 10454'						Open - LMV
10480' – 10481'						Open - LMV
10492' – 10493'						Open - LMV
10510' – 10511'						Open - LMV

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10675' - 10676'						Open - LMV
10684' - 10685'						Open - LMV
10952' - 10953'						Open - LMV
10956' - 10957'						Open - LMV
11041' - 11042'						Open - LMV
11048' - 11049'						Open - LMV
11118' - 11119'	Frac w/	86,896	Lbs in	133,770	Gals	Open - LMV
11127' - 11128'						Open - LMV
11291' - 11292'						Open - LMV
11304' - 11305'						Open - LMV
11325' - 11326'						Open - LMV
11329' - 11330'						Open - LMV
11584' - 11585'						Open - LMV
11587' - 11588'						Open - LMV
11597' - 11598'						Open - LMV
11682' - 11683'						Open - LMV
11688' - 11689'	Frac w/	62,480	Lbs in	111,468	Gals	Open - LMV
11744' - 11745'						Open - LMV
11760' - 11761'						Open - LMV
11765' - 11766'						Open - LMV
11768' - 11769'						Open - LMV
12356' - 12360'						Open - Blackhawk
12495' - 12497'						Open - Blackhawk
12666' - 12667'						Open - Blackhawk
12751' - 12752'	Frac w/	43,357	Lbs in	95,214	Gals	Open - Blackhawk
12891' - 12892'						Open - Blackhawk
13040' - 13041'						Open - Blackhawk
13140' - 13144'						Open - Mancos 'B'
13292' - 13294'						Open - Mancos
13384' - 13386'						Open - Mancos
13483' - 13485'						Open - Mancos
13623' - 13625'	Frac w/	41,500	Lbs in	107,438	Gals	Open - Mancos
13766' - 13768'						Open - Mancos 'B'
13917' - 13919'						Open - Mancos
14021' - 14023'						Open - Mancos
14130' - 14132'						Open - Mancos
14322' - 14323'						Open - Mancos
14454' - 14455'						Open - Mancos
14599' - 14601'						Open - Mancos
14703' - 14704'	Frac w/	38,626	Lbs in	102,522	Gals	Open - Mancos
14792' - 14793'						Open - Mancos
14880' - 14882'						Open - Mancos
14913' - 14915'						Open - Mancos
14942' - 14944'						Open - Mancos

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15067' - 15068'							Open - Mancos
15113' - 15114'							Open - Mancos
15185' - 15186'							Open - Mancos
15275' - 15277'							Open - Mancos
15366' - 15370'	Frac w/	40,316	Lbs in	102,312	Gals		Open - Mancos
15444' - 15446'							Open - Mancos
15501' - 15503'							Open - Mancos
15596' - 15597'							Open - Mancos
15700' - 15701'							Open - Mancos
15728' - 15729'							Open - Mancos
15759' - 15760'							Open - Mancos
15792' - 15793'						Open - Mancos	
15814' - 15815'							Open - Mancos
15830' - 15831'							Open - Mancos
15855' - 15856'							Open - Mancos
15878' - 15879'	Frac w/	36,900	Lbs in	107,058	Gals		Open - Mancos
15950' - 15951'							Open - Mancos
15996' - 15997'							Open - Frontier
16055' - 16056'							Open - Frontier
16091' - 16092'							Open - Frontier
16118' - 16119'							Open - Frontier
16171' - 16172'							Open - Frontier
16272' - 16274'							Open - Frontier
16340' - 16342'							Open - Frontier
16466' - 16468'							Open - Frontier
16580' - 16582'	Frac w/	40,700	Lbs in	106,680	Gals		Open - Frontier
16679' - 16681'							Open - Frontier
16730' - 16732'							Open - Frontier
16816' - 16818'							Open - Frontier
16929' - 16931'							
17017' - 17019'							Open - Dakota Silt
17082' - 17084'							Open - Dakota Silt
17135' - 17137'	Frac w/	46,400	Lbs in	73,122	Gals		Open - Dakota
17147' - 17149'							Open - Dakota
17280' - 17284'							Open - Dakota 'C'

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Operations Summary Report - DRILLING

Well Name: GB 3D-4-8-22R
 Location: 4-8-S 22-E 26
 Rig Name: INGERSOL RAND

Spud Date: 8/30/2008
 Rig Release: 9/6/2008
 Rig Number: 9

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/6/2008	06:00 - 18:00	12.00	LOC	4	RIG DOWN MUD TANKS, TOP DRIVE & SERVICE LOOP, HAULING OBM TO UNIT 234
	18:00 - 06:00	12.00	LOC	4	LAY DOWN SWIVEL, RIG DOWN TORQUE TUBE & TOP DRIVE POWER UNIT, LAY DOWN SWIVEL & INSTALL NEW BRIDLE LINE
9/7/2008	00:00 - 13:00	13.00	DRL	1	DRILL F/ 80'-520', BLOW HOLE CLEAN, LAY DOWN DRILL STRING & RUN 13 3/8" CSG
	13:00 - 14:30	1.50	CMT	2	RIG UP & CEMENT CSG WITH 500 SX PREMIUM "G" 15.8 PPG, PLUG BUMPED, FLOATS HELD, RECOVERED 20 BBLs CMT TO SURFACE
9/8/2008	-	-	-	-	RIG DOWN ON WV 15D-23-8-21
	06:00 - 18:00	12.00	LOC	4	RIG DOWN- SLIP 10 WRAPS ON DRUM, BRIDLE UP, READY DERRICK & LAY OVER DERRICK, CRANE ARRIVED @ 0:900- RIGGED DOWN GASBUSTER, BUSTER LINES, FLOWLINE, SOLIDS CONTROL EQUIPMENT, BAR HOPPERS & HOPPER HOUSE, SET DOWN DOGHOUSE, PARTHOUSE & WIDWALLS, RIGGED DOWN ALL POWER CORDS. FINISHED HAULING OBM TO UNIT 234 & RIGGED DOWN TANK FARM. RIG IS READY FOR TRUCKS
	18:00 - 06:00	12.00	LOC	4	WAIT ON DAYLIGHT
9/8/2008	06:00 - 15:00	9.00	LOC	4	RIG DOWN & MOVE RIG (DRILL STRINGS, HOUSES & SOLIDS CONTROL EQUIPMENT STILL ON OLD LOCATION)
	15:00 - 18:00	3.00	LOC	4	RIG UP- LAYED DOWN LINER, SET SUB MATS & SUBS, SET STACK ON WELL HEAD (FINISHED GRADING LOCATION & WELDING ON HEAD @ 14:30)
9/9/2008	18:00 - 06:00	12.00	LOC	4	WAIT ON DAYLIGHT
	06:00 - 18:00	12.00	LOC	4	RIG UP- SET MUD TANKS, PINNED DERRICK, SET DOGHOUSE, PARTHOUSE, SET BACK YARD, SET SOLIDS CONTROL EQUIPMENT & BAR HOPPERS (90% SET IN)
9/10/2008	18:00 - 06:00	12.00	LOC	4	WAIT ON DAYLIGHT
	06:00 - 18:00	12.00	LOC	4	RIG UP- STRING BLOCKS & RAISE DERRICK, FINISHED SETTING SOLIDS CONTROL EQUIPMENT, RIG UP BUSTER LINES & FLARE LINES, SET OBM TANKS & HOUSES, CONTINUE WITH GENERAL RIG UP. (60% RIGGED UP) (UNIT MECHANICS INSPECTED DRAWWORKS, PUMPS & TOP DRIVE & ARE CHANGING HYDRAULIC HOSES IN SERVICE LOOP ON TOP DRIVE)
9/11/2008	18:00 - 06:00	12.00	LOC	4	WAIT ON DAYLIGHT
	06:00 - 18:00	12.00	LOC	4	RIG UP-RIGGED UP FLOOR, BRIDLED DOWN, RIGGED UP SOLIDS CONTROL EQUIPMENT, REPLACED BAD AGITATOR ON PITS, POURED CONCRETE IN CELLAR, STARTED RIGGING UP TORQUE TUBE (TESCO MECHANICS FINISHED CHANGING HYDRAULIC HOSES ON POWER UNIT BUT STILL WAITING FOR NEW VALVES, VALVES DUE TO ARRIVE IN THE MORNING)
	18:00 - 06:00	12.00	LOC	4	RIG UP- HOOK UP FLOWLINE, NIPPLE UP CHOKE LINE & KILL LINE, RIG UP MUD TANKS & START FILLING TANKS, HOOK UP MUD LINES
9/12/2008	06:00 - 18:00	12.00	LOC	4	NIPPLE UP, HANG SERVICE LOOP FOR TOPDRIVE AND HOOK TO SAME, UNPIN FROM CRADLE AND LD, INSTALL HIGH PRESSURE VALVES TO NEW SERVICE LOOP, INSTALL WHIP CHECKS AND FINISH GROUNDING BUILDINGS - TORQUE UP BOP'S
	18:00 - 22:00	4.00	LOC	4	KEEP RIGGING UP TOP DRIVE, BALES, ELEVATORS, KELLY VALVES AND SAVER SUB, HOOK TOP DRIVE TO TORQUE TUBE
	22:00 - 04:00	6.00	BOP	2	5000 PSI TEST ON BOP'S - OK
	04:00 - 06:00	2.00	LOC	4	RIG UP PROTECTION TART ON SERVICE LOOP, START HOOKING UP MANIFOLD TO RT. HEAD FROM FILL UP LINE AND TRIP TANK, HOOK UP KELLY HOSE, WILL BE PICKING UP BHA AND TESTING LINES THIS AM, DRILL OUT, FIT, TRIP OUT AND IN, DRILL AHEAD
9/13/2008	06:00 - 12:00	6.00	LOC	4	FINISH GROUNDING RIG AND OTHER SMALL ITEMS, FIX LINES ON TOP DRIVE LOOP, RIG UP CELLAR AND DRIP PANS FOR DRILLING

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FEB 02 2009

9/23/2009 1:10:04 PM

Operations Summary Report

Well Name: GB 3D-4-8-22R
 Location: 4-8-S 22-E 26
 Rig Name: INGERSOL RAND

Spud Date: 8/30/2008
 Rig Release: 9/6/2008
 Rig Number: 9

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/13/2008	12:00 - 13:00	1.00	BOP	1	INSTALL WEARBUSHING
	13:00 - 17:30	4.50	TRP	1	HANDLE BIT, BIT SUB AND IBS, PICK UP BHA FOR DRILL OUT
	17:30 - 18:00	0.50	OTH		PRESSURE TEST MUD LINES - REPAIR LEAKS
	18:00 - 19:00	1.00	OTH		FINISH TESTING LINES AND FIXING LEAKS
	19:00 - 22:30	3.50	DRL	4	DRILL 3' CEMENT BEFORE PLUG, PLUG RIGHT AT 492'
	22:30 - 23:00	0.50	CIRC	1	SWEEP HOLE FOR FIT
	23:00 - 23:30	0.50	EQT	2	FIT = 11.0 MUD EQUIVLENT WITH TEST MUD AT 8.6 - 73 PSI AT SURFACE - OK
	23:30 - 00:30	1.00	TRP	10	TRIP OUT FOR CSX TOOLS
	00:30 - 01:30	1.00	TRP	1	HANDLE BHA
	01:30 - 02:30	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
9/14/2008	02:30 - 03:00	0.50	TRP	2	TRIP IN TO HOLE WITH NEW ASSEMBLY
	03:00 - 06:00	3.00	DRL	1	DRILL FROM 535 TO 745
	06:00 - 16:00	10.00	DRL	1	DRILL FROM 745 TO 1081
	16:00 - 16:30	0.50	CIRC	1	PUMP SWEEP AND CIRC. FOR SURVEY
	16:30 - 17:00	0.50	SUR	1	SURVEY - DEPTH = 985 - .2 - 187.5
	17:00 - 18:00	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	18:00 - 21:00	3.00	DRL	1	HAND DRILL FROM 1081 TO 1203 - PASON COMPUTER DOWN - DRILLED BLIND WHILE DOING REPAIRS
	21:00 - 00:00	3.00	DRL	1	DRILL FROM 1203 TO 1270
	00:00 - 01:00	1.00	CIRC	1	SLOW PUMP RATES AND CONNECTIONS FOR BOTH CREWS AND CHANGE OUT KELLY JOINT
	01:00 - 06:00	5.00	DRL	1	DRILL FROM 1270 TO 1475 - TORQUE HIGH FROM TOOLS IN HOLE
9/15/2008	06:00 - 15:30	9.50	DRL	1	DRILL FROM 1475 TO 1725
	15:30 - 16:30	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	16:30 - 17:00	0.50	SUR	1	SURVEY DEPTH = 1629 - .2 - 179.4
	17:00 - 18:00	1.00	DRL	1	DRILL FROM 1725 TO 1765
	18:00 - 21:00	3.00	DRL	1	DRILL BY HAND WAITING FOR PASON TO SHOW UP WITH PARTS - 1765 TO 1832
	21:00 - 22:00	1.00	OTH		REPAIR PASON AUTO DIGGER AND CHANGE OUT ENCODER
9/16/2008	22:00 - 06:00	8.00	DRL	1	DRILL FROM 1832 TO 2126 - MUD WT. INCREASED DUE TO SOME SLOUGHING
	06:00 - 15:00	9.00	DRL	1	DRILL 12.25" HOLE FROM 2126 FEET TO 2361 FEET
	15:00 - 16:00	1.00	RIG	1	RIG SERVICE
	16:00 - 18:00	2.00	DRL	1	DRILL 12.25" HOLE FROM 2361 FEET TO 2424 FEET
	18:00 - 19:00	1.00	SUR	1	WIRELINE SURVEY - .4 - 2337 - 201.6
	19:00 - 21:00	2.00	DRL	1	DRILL FROM 2424 TO 2489
9/17/2008	21:00 - 22:00	1.00	CIRC	1	SLOW PUMP RATES AND CONNECTIONS FOR BOTH CREWS
	22:00 - 06:00	8.00	DRL	1	DRILL FROM 2489 TO 2766
	06:00 - 15:30	9.50	DRL	1	DRILL FROM 2766 TO 3079
	15:30 - 16:30	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	16:30 - 18:00	1.50	DRL	1	DRILL FROM 3079 TO 3111
	18:00 - 18:30	0.50	CIRC	1	CLEAN POSSUM BELLIES - PLUGGED
	18:30 - 21:00	2.50	DRL	1	DRILL FROM 3111 TO 3175
	21:00 - 21:30	0.50	RIG	2	CHANGE OUT FUEL FILTERS ON FUEL RAIL FOR #1 MOTOR
	21:30 - 03:00	5.50	DRL	1	DRILL FROM 3175 TO 3296
	03:00 - 05:00	2.00	FISH	3	JAR ON STRING TO FREE UP - ROTARY STALLED - COULD NOT CIRCULATE
9/18/2008	05:00 - 06:00	1.00	CIRC	1	CIRCULATE HOLE CLEAN WHILE SLOWLY REAMING UP
	06:00 - 08:00	2.00	REAM	1	BACK REAM 180' OUT OF HOLE WHILE CIRCULATING AT FULL GPM - LOST 215 BBLs WORKING FREE AND REAMING
	08:00 - 14:00	6.00	DRL	1	DRILL FROM 3296 TO 3420
	14:00 - 15:00	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	15:00 - 18:00	3.00	DRL	1	DRILL FROM 3420 TO 3485

Operations Summary Report

Well Name: GB 3D-4-8-22R
 Location: 4- 8-S 22-E 26
 Rig Name: INGERSOL RAND

Spud Date: 8/30/2008
 Rig Release: 9/6/2008
 Rig Number: 9

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/18/2008	18:00 - 03:00	9.00	DRL	1	DRILL FROM 3485 TO 3651
	03:00 - 06:00	3.00	RIG	2	#2 PUMP - WEAR PLATE, BOTH GASKETS, SWAB, LINER LOOKS OK,
9/19/2008	06:00 - 09:30	3.50	DRL	1	DRILL FROM 3651 TO 3694 - ROP SLOWED - JETS PLUGGING - PSI UP TO 3500
	09:30 - 10:30	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	10:30 - 11:00	0.50	SUR	1	DROP SERVEY - DEPTH = 3609 - .6 - 184.3
	11:00 - 11:30	0.50	CIRC	1	FLOW CHECK - OK
	11:30 - 12:30	1.00	CIRC	1	SPOT LCM PILL ALONG WITH TRIP SLUG - VALVE PROBLEM IN PILL TANK
	12:30 - 15:00	2.50	TRP	10	TRIP OUT - BACK REAM 10 STANDS OUT - HOLE CLEAN AFTER THAT - BIT NOW PLUGGED - TRIP OUT WET
	15:00 - 15:30	0.50	BOP	1	PULL RT. HEAD
	15:30 - 18:00	2.50	TRP	10	FINISH WET TRIP OUT
	18:00 - 19:00	1.00	TRP	1	LD MOTOR, HOLE OPENER ECT
	19:00 - 19:30	0.50	OTH		CLEAN FLOOR FOR TRIP IN
	19:30 - 20:00	0.50	TRP	1	PICK UP BIT AND MM
	20:00 - 20:30	0.50	CIRC	1	SURFACE TEST MM -
	20:30 - 23:00	2.50	TRP	1	TRIP BHA IN TO HOLE
	23:00 - 23:30	0.50	CIRC	1	CIRCULATE HOLE CLEAN AT 2200'
	23:30 - 02:00	2.50	TRP	2	TRIP IN TO HOLE AND WASH AND REAM FROM 2970 TO 3650
	02:00 - 03:00	1.00	DRL	1	DRILL RAT HOLE FROM HOLE OPENER
	03:00 - 06:00	3.00	DRL	1	DRILL FROM 3694 TO 3745 - TORQUE SMOOTH - SEEPING 4 BBLS PER HOUR - BOTH SHAKERS BYPASSED - 10% LCM IN ACTIVE SYSTEM
9/20/2008	06:00 - 12:00	6.00	DRL	1	DRILL FROM 3745 TO 3900
	12:00 - 13:00	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	13:00 - 17:00	4.00	DRL	1	DRILL FROM 3900 TO 4018 -
	17:00 - 18:00	1.00	RIG	2	REPAIR PUMP - #1 PUMP - SWAB AND SEAT FROM SOLIDS AND LCM IN ACTIVE SYSTEM
	18:00 - 18:50	0.83	RIG	2	FINISH PUMP REPAIR
	18:50 - 06:00	11.17	DRL	1	DRILL FROM 4018 TO 4235 - HOLE SEEPING AT 5 BBLS PER NOW WITH SHAKERS BYPASSED AND 12 % LCM IN ACTIVE SYSTEM - HALLIBURTON BULK TANK SHOWED UP AT 2200
9/21/2008	06:00 - 11:30	5.50	DRL	1	DRILL FROM 4235 TO 4301
	11:30 - 12:00	0.50	DRL	1	PUMP SWEEPS AND DIFFERANT PERAMATERS - WONT DRILL
	12:00 - 12:30	0.50	CIRC	1	SPOT LCM SWEEP - PUMP TRIP SLUG
	12:30 - 14:30	2.00	TRP	10	TRIP OUT FOR BIT
	14:30 - 15:00	0.50	BOP	1	PULL RT HEAD
	15:00 - 17:00	2.00	TRP	10	TRIP BHA OUT
	17:00 - 18:00	1.00	TRP	1	DRAIN AND LD MM AND BIT - PICK UP SAME
	18:00 - 18:30	0.50	CIRC	1	SURFACE TEST MM
	18:30 - 20:30	2.00	TRP	2	TRIP BHA IN - FILL AT HW - CIRCULATE TRIP SLUG OUT AT 2000' - WORK TIGHT SPOT AT 2218'
	20:30 - 21:00	0.50	BOP	1	INSTALL RT. HEAD
	21:00 - 21:30	0.50	TRP	2	TRIP TO 2850 - GOT TIGHT - KELLY UP
	21:30 - 22:00	0.50	REAM	1	WASH AND REAM 2850 TO 3150 - HOLE CLEAN
	22:00 - 22:30	0.50	TRP	2	TRIP TO 3468 - LOST RETURNS
	22:30 - 23:00	0.50	CIRC	2	LOST TOTAL RETURNS - SPOT 25% LCM PILL
	23:00 - 23:30	0.50	TRP	2	TRIP OUT TO 3150
	23:30 - 00:00	0.50	CIRC	2	ATTEMPT TO REGAIN CIRC. WITH NO LUCK
	00:00 - 00:30	0.50	TRP	2	TRIP OUT TO 2800
	00:30 - 02:00	1.50	CIRC	1	REGAINED CIRCULATION AND BUILD VOLUME - THEN WE LOST TOTAL RETURNS AFTER 1.5 HOURS ON SPR
	02:00 - 03:00	1.00	TRP	2	TRIP BACK TO 3500' TO SPOT 125 BBLS OF 35% LCM PILL
	03:00 - 04:00	1.00	CIRC	1	SPOT 125 BBLS OF 35% LCM

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Operations Summary Report

Well Name: GB 3D-4-8-22R
 Location: 4-8-S 22-E 26
 Rig Name: INGERSOL RAND

Spud Date: 8/30/2008
 Rig Release: 9/6/2008
 Rig Number: 9

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/21/2008	04:00 - 05:00	1.00	TRP	2	TRIP IN TO HOLE TO 4100'
	05:00 - 06:00	1.00	REAM	1	WASH AND REAM FROM 4100 TO 4250 - 610 BBLs LOSS FOR LAST 24 HOURS
9/22/2008	06:00 - 07:30	1.50	REAM	1	FINISH SAFETY REAM FROM 4250 TO 4301 - TOOK 10K TO REAM DOWN
	07:30 - 13:00	5.50	DRL	1	DRILL FROM 4301 TO 4366
	13:00 - 14:00	1.00	RIG	1	SERVICE RIG AND TOP DRIVE
	14:00 - 18:00	4.00	DRL	1	DRILL FROM 4366 TO 4426
	18:00 - 02:00	8.00	DRL	1	DRILL FROM 4426 TO 4526
	02:00 - 03:00	1.00	RIG	2	CHANGE OUT SWAB ON #2 PUMP
	03:00 - 05:00	2.00	DRL	1	DRILL FROM 4526 TO 4546 - DRILLING LIGHT FRACTURES AT PRESENT - TD = 4612 - SEEPING 5-7 BBLs PH
	05:00 - 06:00	1.00	RIG	2	CHANGE OUT ANOTHER SWAB ON PUMP
9/23/2008	06:00 - 09:30	3.50	DRL	1	DRILL FROM 4546 TO 4580
	09:30 - 10:30	1.00	RIG	2	SERVICE RIG AND TOP DRIVE
	10:30 - 14:30	4.00	DRL	1	DRILL FROM 4580 TO 4612 - RAN 33K TO 36K ON BIT TO GET TO DRILL LAST 20' - T.D. FOR CASING
	14:30 - 15:00	0.50	CIRC	1	CIRCULATE BOTTOMS UP
	15:00 - 15:30	0.50	SUR	1	DROP SURVEY - 4540' - 3.8 - 223.6
	15:30 - 16:00	0.50	CIRC	1	SPOT LCM SWEEP AND TRIP SLUG
	16:00 - 17:30	1.50	TRP	2	TRIP OUT TO RUN CASING
	17:30 - 18:00	0.50	BOP	1	PULL RT. HEAD
	18:00 - 20:00	2.00	TRP	2	FINISH TRIP OUT TO 8" BHA
	20:00 - 21:00	1.00	TRP	1	LD 8" BHA AND MM - BIT
	21:00 - 21:30	0.50	BOP	1	PULL WEAR BUSHING
	21:30 - 23:30	2.00	CSG	1	HOLD SAFETY MEETING AND RIG UP CASING CREW
23:30 - 06:00	6.50	CSG	2	PICK UP AND RUN CASING - AT 0800 WE ARE AT 4378 - TRYING TO WORK THRU TIGHT SPOT - PUMPING DOES NOT HELP - NO RETURNS AT ALL	
9/24/2008	06:00 - 14:30	8.50	CSG	2	FINISH CIRCULATING AND BEATING CASING DOWN - SET LANDING JOINT
	14:30 - 15:30	1.00	CSG	1	RIG DOWN CASING CREW
	15:30 - 18:00	2.50	BOP	1	INSTALL PACK-OFF - TEST - CALLED BLM ON BOP TEST TIME - WILL NOT MAKE IT - CLEAN MUD TANKS, WHAT WAS LEFT ANYWAY, BUILD 1140 BBLs OF NEW MUD - WILL BE DONE BY 0600 HOURS
	18:00 - 19:30	1.50	BOP	1	FINISH PACKOFF TEST - SET CEMENT ISOLATION TOOL
	19:30 - 20:00	0.50	CMT	1	HOLD SAFETY MEETING
	20:00 - 22:00	2.00	CMT	1	PAINFULLY FINISH RIGGING UP HALLIBURTON
	22:00 - 02:30	4.50	CMT	2	PRESSURE TEST LINES TO 5000 PSI. PRESSURE TEST N2 LINES TO 7000 PSI. PUMP SPACER TRAIN (50 BBLs AT 5 BPM) 10 FRESH, 30 SUPER FLUSH XLC W/ TUF FIBRE, 10 FRESH, PUMP SCAVENGER CEMENT, 30 BBLs @ 5 BBLs PM, DENSITY = 14.3 PPG, FOAM DENSITY = 7 PPG, QUALITY = 51.05%, YIELD = 1.48 FT3/SK, WATER REQ. = 6.44 GAL/SK - PUMP FIRST LEAD CEMENT, 155 BBL @ 5 BPM, DENSITY = 14.3 PPG, FOAM DENSITY = 8.5 PPG, QUALITY = 40.56%, YIELD = 1.48 FT3/SK, WATER REQ. = 6.44 GAL/SK - PUMP SECOND LEAD CEMENT, DENSITY = 14.3 PPG, FOAM DENSITY = 11 PPG, QUALITY = 23.08%, YIELD = 1.48 FT3/SK, WATER REQ. = 6.44 GAL/SK - PUMP TAIL - 62 BBL @ 5 BPM, DENSITY = 14.3 PPG, YIELD = 1.48 FT3/SK, WATER REQ. = 6.44 GAL/SK, DROP PLUG AND WASH ON TOP. PUMP 334 BBLs DISPLACEMENT = 150 BBL @ 60BPM, 120 @ 5 BPM, 40 BBL @ 3 BPM, 23.94 BBL @ 2 BPM, BUMP PLUG AT 670 PSI TO 1380 - HELD FOR 30 MIN. FLOAT HELD - PUMP CAP CEMENT @ 55.2 BBL @ 3 BPM - DENSITY = 14.6, YIELD = 1.55 FT3/SK, WATER REQ. = 7.35 GAL/SK, PUMP 3 BBL WATER DISPLACEMENT - NO PSI ON CAP - DISPLACEMENT WAS 8.3 FRESH WATER
	02:30 - 04:30	2.00	CMT	1	RIG DOWN CEMENTERS
	04:30 - 05:30	1.00	BOP	1	RIG DOWN CEMENT ISOLATION TOOL - HAVING TROUBLE RETRIEVING TOOL

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Operations Summary Report

Well Name: GB 3D-4-8-22R
 Location: 4- 8-S 22-E 26
 Rig Name: INGERSOL RAND

Spud Date: 8/30/2008
 Rig Release: 9/6/2008
 Rig Number: 9

Date	From - To	Hours	Code	Sub Code	Description of Operations	
9/24/2008	05:30 - 06:00	0.50	BOP	2	RIG UP TO TEST BOP'S - CALLED BLM AND TALKED TO CLIFF, COULD NOT MAKE TEST TIME	
9/25/2008	06:00 - 14:30	8.50	BOP	1	ATTEMPT TO PULL CEMENT ISOLATION TOOL, PULLED 30K OVER BLOCK HANGING WT USING LOG CHAIN, REMOVED PINS FROM "C" SECTION & BACK FLUSHED THRU 2" OUTLETS, ABLE TO GET 2 INCHES OF MOVEMENT, CSG ELEVATORS ARRIVED @ 1400, PULLED 55K OVER BLOCK HANGING WT & ISOLATION TOOL CAME FREE, TOOL WAS PACKED OFF WITH BARITE & LCM	
	14:30 - 15:30	1.00	BOP	1	FLUSH OUT WELLHEAD & PUT PACKING RETAINERS & PINS BACK IN "C" SECTION	
	15:30 - 21:00	5.50	BOP	2	PRESSURE TEST BOP- ALL RAMS & VALVES 10,000 PSI HI FOR 10 MIN., 250 PSI LOW FOR 5 MIN., ANNULAR- 5,000 PSI HI, 250 LOW, CSG- 1500 PSI FOR 30 MIN.	
	21:00 - 21:30	0.50	BOP	1	INSTALL WEAR BUSHING	
	21:30 - 22:30	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE	
	22:30 - 23:00	0.50	TRP	1	PICK UP & SURFACE TEST MUD MOTOR	
	23:00 - 00:30	1.50	TRP	1	PICK UP 6.5" NON MAG, TWO 6.5" DC'S & TRIP IN BHA	
	00:30 - 01:00	0.50	TRP	1	CHANGE OUT DRLG JARS	
	01:00 - 03:00	2.00	TRP	3	LAY DOWN 22 JTS OF "S" PIPE ("S" PIPE MIXED WITH "G" PIPE)	
	03:00 - 06:00	3.00	TRP	2	PICK UP 22 JTS OF "G" PIPE & TRIP IN	
	9/26/2008	06:00 - 06:30	0.50	TRP	2	TRIP INTO 4430'
		06:30 - 07:00	0.50	TRP	2	INSTALL ROT. HEAD ELEMENT
		07:00 - 08:00	1.00	RIG	2	REPLACE BAD SWABS IN BOTH PUMPS
08:00 - 08:30		0.50	REAM	1	WASH 120' TO TOP OF CEMENT @ 4550'	
08:30 - 10:00		1.50	DRL	4	DRILL CEMENT, FLOAT EQUIPMENT & 10' OF NEW HOLE	
10:00 - 10:30		0.50	EQT	2	CIRC. & FIT TO 13.5 EQUIVILENT, FUNCTIONED TOP PIPE RAMS & HCR	
10:30 - 18:30		8.00	DRL	1	DRILL F/ 4622'-4724', WOB- 12/15, RPM- 140/150 COMBINED, GPM- 405/450, MW- 9.2, VIS- 32, LOST PARTIAL RETURNS @ 4650 (105 BBLs), STARTED PUMPING 15 BBL SWEEPS WITH 10% LCM EVERY HR, LOSING 15 BBLs/HR, BG GAS- 30u	
18:30 - 19:30		1.00	RIG	1	LUBRICATE RIG & TOP DRIVE	
19:30 - 22:00		2.50	DRL	1	DRILL F/ 4724'-4812', DRLG WITH SAME PARAMETERS, MW & VIS, PUMPING 15 BBL LCM SWEEPS HOURLY	
22:00 - 00:30		2.50	CIRC	2	LOST CIRC @ 4812' (140 BBLs), PUMPED 60 BBL SWEEP WITH 12% LCM, REGAINED PARTIAL RETURNS, BYPASSED SHAKERS, MIX LCM & BUILD VOLUME, BACK REAMED THRU TIGHT SPOT @ 4742', MW- 9.2, VIS- 34, LCM- 7%, LOSING 10 BBLs/HR	
00:30 - 03:30		3.00	DRL	1	DRILL F/ 4812'-4825', WOB- 15/20K, RPM- 140 COMBINED, GPM- 425, UNABLE TO GET BIT TO DRILL, SUSPECT DAMAGED MUD MOTOR OR BIT WHILE BACK REAMING	
03:30 - 04:30		1.00	CIRC	1	CIRC & MIX TRIP SLUG & FILL TRIP TANK	
04:30 - 05:00		0.50	SUR	1	DROP SURVEY & PULL 3 STDs TO CSG SHOE (RETORQUE CONNECTIONS)	
9/27/2008	05:00 - 05:30	0.50	TRP	10	PUMP TRIP SLUG & PULL ROT. HEAD ELEMENT	
	05:30 - 06:00	0.50	TRP	10	TRIP OUT F/ BIT & MUD MOTOR (RETORQUE CONNECTIONS)	
	06:00 - 09:00	3.00	TRP	10	TRIP OUT (RETORQUE DP CONNECTIONS) HOLE FILL 15 BBLs OVER CALCULATED	
	09:00 - 09:30	0.50	TRP	1	BREAK BIT & LAY DOWN MUD MOTOR	
	09:30 - 11:00	1.50	RIG	1	LUBRICATE RIG & TOP DRIVE & CHANGE OIL IN TOP DRIVE	
	11:00 - 11:30	0.50	TRP	1	PICK UP & SURFACE TEST MUD MOTOR	
	11:30 - 14:30	3.00	TRP	10	TRIP IN TO 4200', FILL PIPE EVERY 1500'	
	14:30 - 15:00	0.50	TRP	10	INSTALL ROT. HEAD ELEMENT & BREAK CIRC.	
15:00 - 15:30	0.50	REAM	1	TRIP IN 3 STDs & WASH 65' TO BOTTOM		
15:30 - 20:30	5.00	DRL	1	DRILL F/ 4825'-4917', WOB- 8/10K, RPM- 142 COMBINED, GPM- 407, MW- 9.25,		

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Operations Summary Report

Well Name: GB 3D-4-8-22R
 Location: 4- 8-S 22-E 26
 Rig Name: INGERSOL RAND

Spud Date: 8/30/2008
 Rig Release: 9/6/2008
 Rig Number: 9

Date	From - To	Hours	Code	Sub Code	Description of Operations
9/27/2008	15:30 - 20:30	5.00	DRL	1	VIS- 33, LCM- 6%, SEEPING 2/3 BBLs/HR, SHAKERS PARTIALLY BYPASSED, PUMPING 10 BBL LCM SWEEPS HOURLY, BG GAS- 35, CONN GAS- 150u
	20:30 - 21:30	1.00	RIG	2	CHANGE OUT SAVER SUB
	21:30 - 03:30	6.00	DRL	1	DRILL F/ 4917'-5104', DRLG WITH SAME PARAMETERS, MW & VIS
	03:30 - 05:00	1.50	CIRC	2	LOST CIRC @ 5104', BYPASS SHAKERS, PUMP 100 BBL SWEEP WITH 12% LCM, MIX LCM & BUILD VOLUME
	05:00 - 06:00	1.00	DRL	1	DRILL F/ 5104'-5122', WOB- 8/10K, RPM- 142 COMBINED, GPM- 407, MW- 9.25, VIS- 32, LCM- 8%, SHAKERS BYPASSED, SEEPING 8 BBLs/HR, PUMPING 15 BBL LCM SWEEPS HOURLY, BG GAS- 140u, CONN GAS- 220u
9/28/2008	06:00 - 14:30	8.50	DRL	1	DRILL F/ 5122'-5352', WOB- 8/10K, RPM- 142/148 COMBINED, GPM- 406, MW- 9.3, VIS- 35, LCM- 6%, SHAKERS PARTIALLY BYPASSED, PUMPING 10 BBL LCM SWEEPS HOURLY, SEEPING 3-4 BBLs/HR, BG GAS- 30u, CONN GAS- 150u
	14:30 - 15:30	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTIONED TOP PIPE RAMS & COM
	15:30 - 02:00	10.50	DRL	1	DRILL F/ 5352'-5549', DRLG WITH SAME PARAMETERS, MW & VIS
	02:00 - 03:00	1.00	CIRC	2	LOST PARTIAL RETURNS @ 5545', PUMP TWO 50 BBL SWEEPS WITH 15% LCM
9/29/2008	03:00 - 06:00	3.00	DRL	1	DRILL F/ 5549'-5605', WOB- 10/15K, RPM- 142/155, GPM- 406/425, MW- 9.3, VIS- 35, LCM- 5%, HOLE SEEPING 10-12 BBLs/HR, PUMPING 15 BBL LCM SWEEPS HOURLY, BG GAS- 30u, CONN GAS- 150u
	06:00 - 12:00	6.00	DRL	1	DRILL F/ 5605'-5719', WOB- 12/16K, RPM- 150 COMBINED, GPM- 406, MW- 9.3, VIS- 35, LCM- 6%, SEEPING 7-8 BBLs/HR, PUMPING 15 BBL LCM SWEEPS HOURLY WITH SHAKERS PARTIALLY BYPASSED.
	12:00 - 13:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION HCR & COM, REPAIR AIR LINE ON LOW DRUM CLUTCH
	13:00 - 06:00	17.00	DRL	1	DRILL F/ 5719'-6020', WOB- 15/18K, RPM- 150 COMBINED, GPM- 406, LCM- 5%, SEEPING 4 BBLs/HR, PUMPING 10 BBL LCM SWEEPS HOURLY, BG GAS- 60u, CONN GAS- 200u
9/30/2008	06:00 - 11:30	5.50	DRL	1	DRILL F/ 6020'-6088', WOB- 14/18K, RPM- 150 COMBINED, GPM- 406, MW- 9.3, VIS- 35, LCM- 5%, SEEPING 2 BBLs/HR, PUMPING 10 BBL LCM SWEEPS HOURLY
	11:30 - 12:30	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION ANNULAR & COM
	12:30 - 06:00	17.50	DRL	1	DRILL F/ 6088'-6470', DRLG WITH SAME PARAMETERS, MW & VIS, LCM- 5%, SEEPING 2 BBLs/HR, PUMPING LCM SWEEPS HOURLY, BG GAS- 25u, CONN GAS- 350u
10/1/2008	06:00 - 10:30	4.50	DRL	1	DRILL F/ 6470'-6580', WOB- 16/18K, RPM- 150 COMBINED, GPM- 406, MW- 9.3, VIS- 36, LCM- 5%, SEEPING 2 BBLs/HR, PUMPING LCM SWEEPS HOURLY, BG GAS- 25u, CONN GAS- 50u
	10:30 - 11:30	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION LOWER PIPE RAMS & COM
	11:30 - 03:00	15.50	DRL	1	DRILL F/ 6580'-6860', WOB- 16/18K, RPM- 150 COMBINED, GPM- 406, MW- 9.3, VIS- 36, LCM- 5%, SEEPING 2-3 BBLs/HR, PUMPING LCM SWEEPS HOURLY, BG GAS- 20u, CONN GAS- 60u
10/2/2008	03:00 - 03:30	0.50	SUR	1	DROP SURVEY
	03:30 - 04:00	0.50	CIRC	1	SPOT 100 BBL PILL WITH 15% LCM & PUMP TRIP SLUG
	04:00 - 06:00	2.00	TRP	10	TRIP OUT F/ BIT & MUD MOTOR
	06:00 - 07:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE
	07:00 - 12:30	5.50	ISP	1	HOLD SAFETY MEETING & INSPECT BHA TRIPPING OUT
	12:30 - 13:00	0.50	TRP	1	BREAK BIT & LAY DOWN MUD MOTOR, FUNCTIONED BLIND RAMS
	13:00 - 13:30	0.50	LOG	2	HOLD SAFETY MEETING & RIG UP CASED HOLE SOLUTIONS LOGGING TRUCK
	13:30 - 15:00	1.50	LOG	2	RUN CEMENT BOND LOG FROM 4600' TO SURFACE
	15:00 - 15:30	0.50	LOG	2	RIG DOWN LOGGING TOOLS
	15:30 - 16:00	0.50	TRP	1	PICK UP & SURFACE TEST MUD MOTOR
16:00 - 18:30	2.50	TRP	10	TRIP IN TO 4500', FILL PIPE & BREAK CIRC. EVERY 2000'	

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Operations Summary Report

Well Name: GB 3D-4-8-22R
 Location: 4- 8-S 22-E 26
 Rig Name: INGERSOL RAND

Spud Date: 8/30/2008
 Rig Release: 9/6/2008
 Rig Number: 9

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/2/2008	18:30 - 19:00	0.50	TRP	10	INSTALL ROT. HEAD ELEMENT
	19:00 - 20:00	1.00	RIG	6	CUT DRLG LINE & RESET COM
	20:00 - 21:30	1.50	TRP	10	TRIP IN TO 6795'
	21:30 - 22:00	0.50	REAM	1	WASH 65' TO BOTTOM, NO FILL
	22:00 - 06:00	8.00	DRL	1	DRILL F/ 6860'-7175', WOB- 8/12K, RPM- 150 COMBINED, GPM- 406, MW- 9.4, VIS- 37, LCM- 5%, CURRENTLY NO LOSSES, PUMPING 10 BBL LCM SWEEPS EVERY 2 HRS, BG GAS- 15u, CONN GAS- 25u, TRIP GAS- 325u
10/3/2008	06:00 - 15:00	9.00	DRL	1	DRILL F/ 7175'-7442', WOB- 10/14K, RPM- 145/150 COMBINED, GPM- 406/428, MW- 9.4, VIS- 37, LCM- 4%, NO LOSSES, PUMPING BIT BALLING SWEEPS AS NEEDED, BG GAS- 15u, CONN GAS- 30u
	15:00 - 16:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION ANNULAR & COM
	16:00 - 06:00	14.00	DRL	1	DRILL F/ 7442'-7890', WOB- 12/14K, RPM- 150 COMBINED, GPM- 428, MW- 9.4, VIS- 38, LCM- 4%, NO LOSSES, PUMPING BIT BALLING SWEEPS AS NEEDED, BG GAS- 15u, CONN GAS- 25u
10/4/2008	06:00 - 15:30	9.50	DRL	1	DRILL F/ 7890'-8125', WOB- 12/16K, RPM- 150 COMBINED, GPM- 428, MW- 9.5, VIS- 38, LCM- 4%, NO LOSSES, BG GAS- 15u, PUMPING BIT BALLING SWEEPS AS NEEDED
	15:30 - 16:30	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION SUPER CHOKE & COM
	16:30 - 06:00	13.50	DRL	1	DRILL F/ 8125'-8515', WOB- 14/16K, RPM- 150, GPM- 428, MW- 9.6, VIS- 38, LCM- 3%, STARTED SEEPING 5/6 BBL/HR, PUMPING 10 BBL LCM SWEEPS HOURLY, BG GAS- 15u, CONN GAS- 50u
10/5/2008	06:00 - 12:00	6.00	DRL	1	DRILL F/ 8515'-8605', WOB- 16/20K, RPM- 150 COMBINED, GPM- 428, MW- 9.5, VIS- 38, LCM- 4%, SEEPING 6 BBL/HR, PUMPING LCM SWEEPS HOURLY
	12:00 - 12:30	0.50	CIRC	1	BUILD TRIP SLUG
	12:30 - 13:00	0.50	SUR	1	DROP SURVEY
	13:00 - 13:30	0.50	CIRC	1	SPOT 100 BBL PILL WITH 15% LCM & PUMP TRIP SLUG
	13:30 - 15:00	1.50	TRP	10	TRIP OUT F/ BIT #7, HOLE FILL 34 BBL OVER CALCULATED
	15:00 - 15:30	0.50	TRP	10	PULL ROT. HEAD ELEMENT
	15:30 - 17:30	2.00	TRP	10	FINISH TRIPPING OUT
	17:30 - 18:00	0.50	TRP	1	BREAK BIT & LAY DOWN MUD MOTOR, FUNCTIONED BLIND RAMS
	18:00 - 18:30	0.50	TRP	1	PICK UP & SURFACE TEST MUD MOTOR
	18:30 - 21:00	2.50	TRP	10	TRIP IN TO 4560', BREAK CIRC AFTER BHA THEN EVERY 2000'
	21:00 - 21:30	0.50	TRP	10	INSTALL ROT. HEAD ELEMENT
	21:30 - 22:30	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE
	22:30 - 00:00	1.50	TRP	10	TRIP IN TO 8435', BREAK CIRC. EVERY 2000'
00:00 - 00:30	0.50	REAM	1	WASH 170' TO BOTTOM, NO FILL	
00:30 - 06:00	5.50	DRL	1	DRILL F/ 8605'-8710, WOB- 12/16K, RPM- 150 COMBINED, GPM- 428, MW- 9.5, VIS- 38, LCM- 4%, SEEPING 5 BBL/HR, PUMPING 10 BBL LCM SWEEPS HOURLY, BG GAS- 25u, CONN GAS- 100u, TRIP GAS- 100u	
10/6/2008	06:00 - 16:00	10.00	DRL	1	DRILL F/ 8710'-8931', WOB- 16/18K, RPM- 150 COMBINED, GPM- 428, MW- 9.5, VIS- 39, LCM- 4%, SEEPING 2/3 BBL/HR, PUMPING 10 BBL LCM SWEEPS HOURLY, BG GAS- 15u
	16:00 - 17:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION HCR & COM
	17:00 - 18:00	1.00	DRL	1	DRILL F/ 8931'-8965', DRLG WITH SAME PARAMETERS, MW & VIS
	18:00 - 18:30	0.50	RIG	2	RECALIBRATE ROTARY ON PASON & CLEAN ROTARY PROXIMITY SWITCH ON TOP DRIVE (PROXIMITY SWITCH IS BAD)
10/7/2008	18:30 - 06:00	11.50	DRL	1	DRILL F/ 8965'-9250', WOB- 16/20K, RPM- 150 COMBINED, GPM- 428, MW- 9.6, VIS- 39, SEEPING 2/3 BBL/HR, PUMPING 10 BBL LCM SWEEPS HOURLY
	06:00 - 17:00	11.00	DRL	1	DRILL F/ 9250'-9488', WOB- 16/20K, RPM- 150 COMBINED, GPM- 428, MW- 9.8, VIS- 40, LCM- 4%, SEEPING 2/3 BBL/HR, PUMPING 10 BBL LCM SWEEPS HOURLY, BG GAS- 30u, CONN GAS- 200u
	17:00 - 18:00	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION TOP PIPE RAMS & COM
	18:00 - 06:00	12.00	DRL	1	DRILL F/ 9488'-9755', DRLG WITH SAME PARAMETERS, MW & VIS, SEEPING

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Operations Summary Report

Well Name: GB 3D-4-8-22R
 Location: 4- 8-S 22-E 26
 Rig Name: INGERSOL RAND

Spud Date: 8/30/2008
 Rig Release: 9/6/2008
 Rig Number: 9

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/7/2008	18:00 - 06:00	12.00	DRL	1	2/3 BBLs/HR, PUMPING 10 BBL LCM SWEEPS HOURLY, BG GAS- 35u, CONN GAS- 740u
10/8/2008	06:00 - 14:30	8.50	DRL	1	DRILL F/ 9755'-9920', WOB- 16/20K, RPM- 150 COMBINED, GPM- 428, MW- 9.8, VIS- 39, LCM- 3%, SEEPING 2/3 BBLs/HR, PUMPING LCM SWEEPS HOURLY & BIT BALLING SWEEPS AS NEEDED, NG GAS- 50u, CONN GAS- 300u
	14:30 - 15:30	1.00	RIG	1	LUBRICATE RIG & TOP DRIVE, FUNCTION ANNULAR & COM
	15:30 - 06:00	14.50	DRL	1	DRILL F/ 9920'-10196', WOB- 16/20K, RPM- 155, GPM- 450, MW- 9.8, VIS- 40, LCM- 4%, SEEPING 2 BBLs/HR, PUMPING LCM/BIT BALLING SWEEPS HOURLY, BG GAS- 40u, CONN GAS- 250u
10/9/2008	06:00 - 10:00	4.00	DRL	1	DRILLING 8.50" HOLE F/ 10196' - 10263' @ 16.7 FPH WITH 20K WOB, 155 RPM, 450 GPM,
	10:00 - 10:30	0.50	SUR	1	DROP SURVEY, HOLD SAFETY MEETING
	10:30 - 11:30	1.00	CIRC	1	MIX AND SPOT 100 BBL, 4-5% LCM, SLUG PIPE
	11:30 - 14:00	2.50	TRP	10	TOH FOR BIT & MUD MOTOR
	14:00 - 14:30	0.50	OTH		REMOVE ROTATING RUBBER
	14:30 - 17:00	2.50	TRP	10	CONTINUE TO TOH, LAY DOWN HUNTING .24 MUD MTR (81 HRS)
	17:00 - 20:30	3.50	TRP	10	MAKE UP BIT & .15 HUNTING MUD MOTOR, SURFACE TEST, TIH
	20:30 - 21:00	0.50	OTH		INSTALL ROTATING HEAD
	21:00 - 23:30	2.50	TRP	10	CONTINUE TO TIH, TAG @ 10103'
	23:30 - 00:00	0.50	REAM	1	WASH & REAM F/ 10103' - 10263' (LIGHT REAMING)
	00:00 - 06:00	6.00	DRL	1	DRILLING 8.50" HOLE F/ 10263' - 10400' @ 22.8 FPH WITH 12-15K WOB, 95 RPM, 450 GPM
	06:00 - :-				NOTE: CONTINUE TO PUMP 10 BBLs 4-5% LCM SWEEPS EVERY HOUR, MINIMUM SEEPAGE
10/10/2008	06:00 - 13:00	7.00	DRL	1	DRILLING 8.50" HOLE F/ 10400' - 10561' @ 23 FPH WITH 12-15K WOB, 100 RPM, 450 GPM
	13:00 - 14:00	1.00	RIG	1	SERVICE RIG
	14:00 - 06:00	16.00	DRL	1	DRILLING 8.50" HOLE F/ 10561' - 10925' @ 22.7 FPH WITH 12-15K WOB, 100 RPM, 450 GPM
	06:00 - :-				NOTE: PUMPING 10 BBLs 4-5% LCM PILL EVERY TWO HOURS, MINIMUM SEEPAGE
10/11/2008	06:00 - 12:30	6.50	DRL	1	DRILLING 8.50" HOLE F/ 10925' - 11052' @ 19.5 FPH WITH 18-20K WOB, 100 RPM, 450 GPM
	12:30 - 13:30	1.00	RIG	1	SERVICE RIG
	13:30 - 17:30	4.00	DRL	1	DRILLING 8.50" HOLE F/ 11052' - 11127' (LOSS OF DIFFERENTIAL AND LOW ROP)
	17:30 - 18:00	0.50	SUR	1	FLOW CHECK, DROP SURVEY
	18:00 - 18:30	0.50	CIRC	1	PUMP 100 BBLs 4-5% LCM PILL, DISPLACE, SLUG PIPE, SPOTTING LCM PILL @ SHOE
	18:30 - 21:30	3.00	TRP	10	TOH FOR BIT, TIGHT @ 10921' 10667' 10575' (25K OVER)
	21:30 - 22:00	0.50	OTH		PULL ROTATING HEAD
	22:00 - 23:30	1.50	TRP	10	CONTINUE TO TOH, RETRIEVE SURVEY, CLOSE BLIND RAMS, 50 BBLs EXCESS ON HOLE FILL
	23:30 - 00:30	1.00	OTH		TEST MUD MTR (OK), LAY DOWN BIT, MAKE UP BIT # 10
	00:30 - 03:00	2.50	TRP	10	TIH TO SHOE, FILLING EVERY 30 STANDS
	03:00 - 03:30	0.50	OTH		INSTALL ROTATING RUBBER
	03:30 - 04:30	1.00	RIG	6	SLIP AND CUT DRILLING LINE
	04:30 - 06:00	1.50	TRP	10	SET C.O.M, CONTINUE TO TIH
	06:00 - :-				NOTE: STARTED LOSING MUD 4-5 BPH AFTER DRILLING BREAK @ 11085'
10/12/2008	06:00 - 08:00	2.00	TRP	10	CONTINUE TO TIH, TAG @ 10800'

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Operations Summary Report

Well Name: GB 3D-4-8-22R
 Location: 4- 8-S 22-E 26
 Rig Name: INGERSOL RAND

Spud Date: 8/30/2008
 Rig Release: 9/6/2008
 Rig Number: 9

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/12/2008	08:00 - 09:00	1.00	REAM	1	WASH & REAM F/ 10800' - 11127' (LIGHT REAMING)
	09:00 - 10:00	1.00	CIRC	1	CIRCULATE GAS OUT, 15' FLARE
	10:00 - 17:00	7.00	DRL	1	DRILLING 8.50" HOLE F/ 11127' - 11250' @ 17.5 FPH WITH 15-17K WOB, 450 GPM, 100 DHRPM
	17:00 - 18:00	1.00	RIG	1	SERVICE RIG
	18:00 - 06:00	12.00	DRL	1	DRILLING 8.50" HOLE F/ 11250' - 11442' @ 16 FPH WITH 15-20K WOB, 450 GPM, 100 DHRPM
	06:00 - -				NOTE: SHALE SHAKERS 100% BY-PASSED, PUMPING 10 BBLS LCM SWEEP EVERY TWO HRS, PARTIALLY DUMPING SAND TRAP EVERY HOUR, RAISING MUD WEIGHT TO 10.7 PPG IN 2/10 INCREMENTS PRIOR TO CASTLEGATE, NO LOSSES @ PRESENT TIME
10/13/2008	06:00 - 14:30	8.50	DRL	1	DRILLING 8.50" HOLE F/ 11442' - 11606' @ 19.3 FPH WITH 20K WOB, 100 RPM, 450 GPM
	14:30 - 15:30	1.00	RIG	1	SERVICE RIG
	15:30 - 06:00	14.50	DRL	1	DRILLING 8.50" HOLE F/ 11606' - 11856' @ 17.2 FPH WITH 20-22K WOB, 100 RPM, 450 GPM
	- -				NOTE: SHALE SHAKERS 100% BY-PASSED, PUMPING 10 BBLS LCM SWEEP EVERY TWO HRS, PARTIALLY DUMPING SAND TRAP EVERY HOUR, MINIMAL TO NO LOSSES @ PRESENT TIME
10/14/2008	06:00 - 06:30	0.50	OTH		WORK TIGHT HOLE ON CONNECTION @ 11856'
	06:30 - 11:00	4.50	DRL	1	DRILLING 8.50" HOLE F/ 11856' - 11918' @ 13.7 FPK WITH 22-24K WOB, 100 RPM, 450 GPM
	11:00 - 12:00	1.00	RIG	1	SERVICE RIG
	12:00 - 00:30	12.50	DRL	1	DRILLING 8.50" HOLE F/ 11918' - 12073' @ 12.4 FPH WITH 25K WOB, 100 RPM, 450 GPM
	00:30 - 01:30	1.00	CIRC	1	CIRCULATE WHILE MIXING 100 BBLS LCM SWEEP
	01:30 - 02:00	0.50	SUR	1	FLOW CHECK, DROP SURVEY
	02:00 - 03:00	1.00	CIRC	1	PUMP 100 BBLS LCM SWEEP, DISPLACE WITH 3900 STKS, SLUG PIPE
	03:00 - 06:00	3.00	TRP	10	TOH SLOWLY FIRST 10 STANDS DUE TO SLIGHT SWOBBING, FLOW CHECK STATIC, CONTINUE TO TOH, 6000' @ R/T
	06:00 - :-				NOTE: SHALE SHAKERS 100% BY-PASSED, PUMPING 10 BBL LCM SWEEP EVERY TWO HOURS, PARTIALLY DUMPING SAND TRAP EVERY HOUR, MINIMAL - NO LOSSES @ REPORT TIME
	10/15/2008	06:00 - 07:00	1.00	TRP	10
07:00 - 07:30		0.50	OTH		REMOVE ROTATING ELEMENT
07:30 - 10:30		3.00	TRP	10	CONTINUE TO TOH, RECOVER SURVEY, LAY DOWN MUD MOTOR & BIT
10:30 - 11:00		0.50	TRP	10	PICK UP HUNTING .13 MUD MOTOR, SURFACE TEST
11:00 - 13:00		2.00	TRP	10	TIH TO SHOE, FILLING PIPE EVERY 30 STANDS
13:00 - 13:30		0.50	OTH		INSTALL ROTATING ELEMENT
13:30 - 17:30		4.00	TRP	10	CONTINUE TO TIH TO 11918'
17:30 - 18:00		0.50	REAM	1	WASH & REAM F/ 11918' - 12073' LIGHT REAMING
18:00 - 19:00		1.00	CIRC	1	CIRCULATE GAS OUT THROUGH CHOKE, 30' FLARE
19:00 - 06:00		11.00	DRL	1	DRILLING 8.50" HOLE F/ 12073' - 12250' @ 16 FPH, WITH 12-15K WOB, 90 RPM, 450 GPM
06:00 - :-					NOTE: SHALE SHAKERS 100% BY-PASSED, PUMPING 10 BBLS LCM SWEEP EVERY TWO HRS, PARTIALLY DUMPING SAND TRAP EVERY HOUR, NO LOSSES @ REPORT TIME
10/16/2008	06:00 - 10:00	4.00	DRL	1	DRILLING 8.50" HOLE F/ 12250' - 12331' @ 20.25 FPH, WITH 16K WOB, 90 RPM, 450 GPM

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Operations Summary Report

Well Name: GB 3D-4-8-22R
 Location: 4- 8-S 22-E 26
 Rig Name: INGERSOL RAND

Spud Date: 8/30/2008
 Rig Release: 9/6/2008
 Rig Number: 9

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/16/2008	10:00 - 11:00	1.00	CIRC	1	CIRCULATE GAS OUT FROM BLACKHAWK FORMATION
	11:00 - 12:00	1.00	DRL	1	DRILLING 8.50" HOLE F/ 12331' - 12344' LOST 100% RETURNS
	12:00 -		CIRC	2	PUMP 30 BBL 12% LCM PILL # 1, DISPLACE WITH 190 BBLS 4% LCM MUD, LET HEAL, CHECK FLUID LEVEL 1700'
	-		CIRC	2	PUMP 30 BBL 20% LCM PILL # 2, DISPLACE WITH 190 BBLS 4% LCM MUD, LET HEAL, CHECK FLUID LEVEL 1275'
	-		CIRC	2	PUMP 30 BBL 20% LCM PILL # 3, DISPLACE WITH 190 BBLS 6% LCM MUD, LET HEAL, CHECK FLUID LEVEL, 675'
	- 01:30		CIRC	2	BUILD 1300 BBLS 11.0 PPG MUD, 200 BBLS 30% LCM PILL
	01:30 - 02:30	1.00	CIRC	2	PUMP 50 BBLS 30% LCM PILL # 4, DISPLACE WITH 190 BBLS 6% LCM MUD, LET HEAL, CHECK FLUID LEVEL, 302'
	02:30 - 06:00	3.50	CIRC	2	BUILD VOLUME 190 BBLS 11 PPG MUD WHILE LETTING PILL #4 HEAL & 50 BBLS 40% LCM PILL
	06:00 -				
	-				NOTE: WAS NOT SURE WHAT % LCM MUD MOTOR WOULD HANDLE, SO CAME UP IN 10% INCREMENTS
10/17/2008	06:00 - 10:00	4.00	CIRC	6	BUILD VOLUME WHILE LETTING PILL # 4 HEAL, PUMP 50 BBLS DOWN BACKSIDE, NO RETURNS
	10:00 - 11:00	1.00	CIRC	2	PUMP 50 BBLS 40% LCM PILL # 5, DISPLACE WITH 190 BBLS 6% MUD, LET HEAL, CHECK FLUID LEVEL 325'
	11:00 - 12:00	1.00	TRP	14	TOH WITH 10 STANDS, MINIMUM DRAG, WHILE LETTING PILL #5 HEAL
	12:00 - 20:00	8.00	CIRC	6	BUILD VOLUME, PUMP 50 BBLS DOWN BACKSIDE, NO RETURNS
	20:00 - 21:00	1.00	TRP	14	TIH TO 12320'
	21:00 - 22:00	1.00	CIRC	2	PUMP 170 BBLS 40% LCM PILL # 6, DISPLACE WITH 190 BBLS 11.0 MUD
	22:00 - 02:00	4.00	TRP	2	TOH TO LAY DOWN MUD MOTOR, FILLING HOLE WITH STEEL DISPLACEMENT ONLY
	02:00 - 02:30	0.50	OTH		PULL ROTATING ELEMENT
	02:30 - 05:00	2.50	TRP	2	CONTINUE TO TOOH
	05:00 - 06:00	1.00	OTH		LAY DOWN MUD MTR, CHECK BIT
06:00 -					
-				NOTE: HAVE THREE ROUSTABOUTS BUILDING VOLUME WHILE CREW IS TRIPPING	
10/18/2008	06:00 - 08:00	2.00	TRP	10	TIH TO SHOE
	08:00 - 08:30	0.50	OTH		INSTALL ROTATING ELEMENT
	08:30 - 09:00	0.50	RIG	6	SLIP & CUT DRILLING LINE
	09:00 - 10:00	1.00	RIG	1	SERVICE RIG & TOP DRIVE
	10:00 - 11:00	1.00	CIRC	1	ATTEMPT TO CIRCULATE, CIRCULATE BOTTOMS UP WITH 80% RETURNS
	11:00 - 11:30	0.50	TRP	10	TIH TO 6460'
	11:30 - 12:30	1.00	CIRC	1	PUMP 60 BBL 40% LCM PILL, CIRCULATE STRING CAPACITY WITH 10.9 PPG MUD
	12:30 - 15:00	2.50	TRP	10	TIH. TAG @ 11880'
	15:00 - 16:30	1.50	REAM	1	WASH & REAM F/ 11858' - 11295'
	16:30 - 18:00	1.50	CIRC	1	CIRCULATE, ESTABLISH DRILLING RATE, MONITOR LOSSES, CIRCULATE GAS THROUGH CHOKE
18:00 - 04:00	10.00	DRL	1	DRILLING 8.50" HOLE F/ 12344' - 12484' @ 14 FPH, 16-18K WOB, 55-60 RPM, 321 GPM, PUMPING 20 BBLS 40% LCM PILL EVERY HOUR, SHALE SHAKERS BY-PASSED	
04:00 - 06:00	2.00	WCL	1	CIRCULATE OUT GAS KICK @ 12484' THROUGH CHOKE, MAINTAINING 11.0 PPG, WILL INCREASE 1/10TH ONCE WE GET BTMS UP (20-50' FLARE) PUMPING 20 BBLS 40% LCM PILL EVERY 1/2 HOUR	
10/19/2008	06:00 - 11:30	5.50	CIRC	1	CIRCULATE OUT GAS, RAISE MUD WEIGHT TO 11.1 PPG. FLOW CHECK, WELL FLOWING 7.5 BBL/HR.

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Operations Summary Report

Well Name: GB 3D-4-8-22R
 Location: 4- 8-S 22-E 26
 Rig Name: INGERSOL RAND

Spud Date: 8/30/2008
 Rig Release: 9/6/2008
 Rig Number: 9

Date	From - To	Hours	Code	Sub Code	Description of Operations	
10/19/2008	11:30 - 12:30	1.00	CIRC	1	CONTINUE TO RAISE MUD WEIGHT TO 11.2 PPG.	
	12:30 - 16:30	4.00	DRL	1	DRILL AHEAD THROUGH BOTH CHOKES AND GAS BUSTER FROM 12,484' TO 12,545'. ROP 15.25, STROKES 75, GPM 337, WOB 16K, ROTARY 60.	
	16:30 - 18:00	1.50	CIRC	1	CIRCULATE AND CONDITION MUD TO 11.2 PPG.	
	18:00 - 19:00	1.00	CIRC	1	CONTINUE TO CIRCULATE AND CONDITION MUD TO 11.2 PPG.	
	19:00 - 19:30	0.50	OTH		CHECK FOR FLOW 22 BBL/HR.	
	19:30 - 23:30	4.00	CIRC	1	CONDITION MUD TO 11.3 PPG.	
	23:30 - 00:00	0.50	OTH		CHECK FOR FLOW 20.4 BBL/HR.	
	00:00 - 01:30	1.50	CIRC	1	CONTINUE TO CIRCULATE OUT GAS AND MAINTAIN 11.3+ MUD WEIGH.	
	01:30 - 02:00	0.50	OTH		FLOW CHECK 2 BBL/HR.	
	02:00 - 02:30	0.50	CIRC	1	SPOT LCM PILL ON BOTTOM AND PUMP DRY PIPE SLUG.	
	02:30 - 04:00	1.50	TRP	14	SHORT TRIP 10 STANDS. CHECK FOR FLOW WELL STATIC.	
	04:00 - 06:00	2.00	CIRC	1	CIRCULATE BOTTOMS UP BUILD ECD PILL 13.3 PPG, 150+ BBLs. FLAIR 15' TO 20'.	
	10/20/2008	06:00 - 06:30	0.50	CIRC	1	FLOW CHECK, SPOT 150 BBLs 13.3 PPG ECD PILL WITH 25% LCM, DISPLACE, SLUG PIPE
		06:30 - 08:00	1.50	TRP	2	TOH FOR LOGS TO 10,000' (500' ABOVE ECD PILL) SLM
08:00 - 10:00		2.00	CIRC	1	CIRCULATE BTMS UP, FLOW CHECK (STATIC) SLUG PIPE	
10:00 - 13:30		3.50	TRP	2	CONTINUE TO TOH	
13:30 - 14:00		0.50	OTH		PULL ROTATING ELEMENT	
14:00 - 16:00		2.00	TRP	2	CONTINUE TO TOH, LAY DOWN BIT, SLM = 12544'	
16:00 - 17:30		1.50	LOG	1	PJSM, RIG UP SCHLUMBERGER LOGGING UNIT	
17:30 - 23:30		6.00	LOG	1	RUN LOG #1 PLATFORM EXPRESS WITH NO BOW SPRING, MONITOR WELL, CLEAN MUD TANKS. DRILLED 12545', SLM 12,543', LOGGERS DEPTH 12,552'. BHT 210", CMT VOLUME 2193.15 FT/3, AVG HOLE SIZE 9.98"	
23:30 - 02:00		2.50	TRP	2	TRIP IN HOLE TO SHOE WITH BIT # 12. BREAK CIRCULATION AT BHA.	
02:00 - 03:00		1.00	OTH		INSTALL ROTATING HEAD RUBBER. REPLACE LUBRICATION LINE.	
03:00 - 03:30		0.50	CIRC	1	CIRCULATE OUT DRY PIPE SLUG AT SHOE 2200 STROKES. BROKE OFF KELLY AND STRING FLOAT WOULD NOT HOLD. PUMP THROUGH AGAIN AND WORK PIPE WITH NO SUCCESS.	
03:30 - 04:00		0.50	CIRC	1	PUMP SLUG.	
04:00 - 06:00		2.00	TRP	13	TOH AND REPLACE STRING FLOAT.	
10/21/2008		06:00 - 08:00	2.00	TRP	15	UNPLUG BIT & BIT SUB (LCM) TIH WITH BHA, ATTEMPT TO FILL STRING, STRING PLUGGED
	08:00 - 09:30	1.50	TRP	15	TOH WET, CIRCULATING PUMPS ACROSS TOP OF HOLE	
	09:30 - 10:30	1.00	OTH		UNPLUG BIT, BIT SUB, REMOVE AND CLEAN STRING FLOAT (LCM) CLEAN RIG FLOOR	
	10:30 - 11:00	0.50	TRP	15	TIH WITH DC'S WHILE CIRCULATING MUD PUMPS ACROSS TOP OF HOLE, ATTEMPT TO FILL DC'S, NO GOOD, PLUGGED STRING	
	11:00 - 12:00	1.00	TRP	15	TOH WET	
	12:00 - 13:00	1.00	OTH		UNPLUG BIT, BIT SUB, REMOVE AND CLEAN STRING FLOAT (LCM) CLEAN RIG FLOOR	
	13:00 - 15:30	2.50	TRP	15	MAKE UP BIT, TIH WITH DC'S, CIRCULATING ACROSS THE TOP WITH PUMPS, BLOW DOWN TOP DRIVE WITH AIR, FILL STRING (OK) CONTINUE TO TIH, BLOWING DOWN TOP DRIVE BEFORE FILLING PIPE EVERY 20 STANDS	
	15:30 - 16:00	0.50	OTH		INSTALL ROTATING HEAD	
	16:00 - 18:00	2.00	CIRC	1	CIRCULATE BTMS UP @ SHOE & SERVICE RIG	
	18:00 - 19:30	1.50	TRP	15	CONTINUE TO TIH TO 6425' FILL PIPE DRILL STRING PLUGGED.	
	19:30 - 20:00	0.50	OTH		RIG UP MUD BUCKET AND FILL TRIP TANK.	
	20:00 - 21:30	1.50	TRP	13	TOH TO 4459' STRING CAME DRY.	
	21:30 - 22:00	0.50	CIRC	1	CIRCULATE BOTTOMS UP 25-30' FLAIR.	
	22:00 - 23:00	1.00	TRP	15	TIH 2 STANDS TO CHECK STRING FLOAT TO 4732'. RABBIT DRILL PIPE, TOP JOINT ON STAND 87 PLUGED TIGHT WITH LCM. LAY DOWN JOINT. STRING	

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Operations Summary Report

Well Name: GB 3D-4-8-22R
 Location: 4- 8-S 22-E 26
 Rig Name: INGERSOL RAND

Spud Date: 8/30/2008
 Rig Release: 9/6/2008
 Rig Number: 9

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/21/2008	22:00 - 23:00	1.00	TRP	15	FLOAT HOLDING.
	23:00 - 00:00	1.00	CIRC	1	CIRCULATE BOTTOMS UP AND DISPLACE STRING WITH 90 BBL, 11.3 PPG, 40 VIS AND NO LCM.
	00:00 - 04:30	4.50	TRP	15	CONTINUE TIH FROM 4732' FILL PIPE EVERY 20 STANDS AND RABBIT DRILL PIPE TO 11,392'. HALF WAY INTO ECD PILL.
10/22/2008	04:30 - 06:00	1.50	CIRC	1	CIRCULATE BOTTOMS UP AND STAGE OUT TOP HALF OF ECD SLUG.
	06:00 - 07:00	1.00	CIRC	1	CIRCULATE BOTTOMS UP @ 11,392' (ECD PILL)
	07:00 - 08:00	1.00	TRP	15	TIH TO 12455'
	08:00 - 10:30	2.50	CIRC	1	WASH & REAM F/ 12455' - 12545' CIRCULATE GAS OUT THRU CHOKE, 50' FLARE
	10:30 - 13:00	2.50	DRL	1	DRILLING 8.50" HOLE F/ 12545' - 12593 (TD) @ 19.2 FPH WITH 16-18K WOB, 60 RPM, 321 GPM
	13:00 - 15:30	2.50	CIRC	1	CIRCULATE, SHAKE LCM CONTENT TO 16%
	15:30 - 16:00	0.50	OTH		FLOW CHECK, STATIC
	16:00 - 17:00	1.00	CIRC	1	PUMP 150 BBL 13.5 PPG WITH 16% LCM, DISPLACE, SLUG PIPE
	17:00 - 18:30	1.50	TRP	15	TOH TO 10,000'
	18:30 - 20:00	1.50	CIRC	1	CIRCULATE BOTTOMS UP, RIG UP ROCKY MOUNTAIN LAY DOWN MACHINE, HPJSM
	20:00 - 20:30	0.50	CIRC	1	FLOW CHECK WELL STATIC. PUMP DRY PIPE SLUG.
	20:30 - 01:30	5.00	TRP	3	LAY DOWN 5" DRILL PIPE TO 4241'.
	01:30 - 02:00	0.50	OTH		PULL ROTATING HEAD RUBBER.
	02:00 - 03:30	1.50	TRP	3	CONTINUE TO LAY DOWN DRILL PIPE TO BHA 1670'. FILL EVERY 5 STANDS.
	03:30 - 04:00	0.50	CSG	1	RIG DOWN LAY DOWN MACHINE POLE AND INSTALL ROTATING HEAD RUBBER.
10/23/2008	04:00 - 05:00	1.00	TRP	2	TIH 27 SET BACK STANDS.
	05:00 - 05:30	0.50	CIRC	1	PUMP DRY PIPE SLUG AND PICK UP LAY DOWN POLE.
	05:30 - 06:00	0.50	TRP	1	CONTINUE TO LAY DOWN DRILL PIPE.
	06:00 -				CONTACT BLM CLIFF JOHNSON ON 10/21/2008 AT 13:00 HRS FOR RUNNING 7" CASING AND CEMENTING.
	06:00 - 07:30	1.50	TRP	3	CONTINUE TO LAY DOWN DRILL PIPE AND BHA.
	07:30 - 08:00	0.50	OTH		REMOVE ROTATING HEAD RUBBER.
	08:00 - 09:30	1.50	TRP	3	CONTINUE TO LAY DOWN DRILL PIPE AND BHA WITH 69 BBLS OVER CALCULATED DISPLACEMENT.
	09:30 - 10:00	0.50	OTH		REMOVE WEAR BUSHING.
	10:00 - 12:30	2.50	CSG	1	HELD SAFETY MEETING AND RIG UP CASING CREW. (ROCKY MOUNTAIN)
	12:30 - 20:30	8.00	CSG	2	PICKED UP SHOE TRACK AND CHECKED. RUN 7" 29# AND 26# CASING TO 11,011 FT.
	20:30 - 21:30	1.00	CIRC	1	CIRCULATE BOTTOMS UP AT 11,011 FT WITH FULL RETURNS AND 915 UNITS ON BOTTOMS UP.
	21:30 - 22:30	1.00	CSG	2	CONTINUE TO RUN 7" CASING TO 12550 FT WITH NO RETURNS FROM 11800 FT TO BOTTOM.
	22:30 - 00:30	2.00	CIRC	1	CIRCULATE CASING, ATTEMPT TO ESTABLISH RETURNS AND LAND CASING AT 12578 FT WITH NO RETURNS.
	00:30 - 02:00	1.50	CSG	1	RIG DOWN CASING CREW.
	02:00 - 05:30	3.50	OTH		INSTALLPACKOFF SUPPORT BUSHING AND TEST SEALS.
05:30 - 06:00	0.50	CMT	1	HELD SAFETY MEETING AND RIG UP HALLIBURTON.	
10/24/2008	-				NOTOFIED VERNAL BLM, CLIFF JOHNSON AND DAVE TAYLOR ON BOP TEST VIA VOICE MAIL AT 1900 HRS ON 10/22/2008.
	06:00 - 07:30	1.50	CMT	1	CONTINUE TO RIG UP HALLIBURTON.
	07:30 - 12:30	5.00	CMT	2	CEMENT WITH HALLIBURTON BY TESTING LINES TO 6,000 AND 8,000 PSI. STARTED PUMPING CEMENT BY PUMPING 10 BBLS FRESH WATER, 30 BBL SUPER FLUSH AND 10 BBL WATER THEN PUMPED 50 BBLS OR 190 SKS OF 14.3 PPG SCAVANGER FOAMED CEMENT. THEN PUMPED 165 BBLS OR 630

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Operations Summary Report

Well Name: GB 3D-4-8-22R
 Location: 4- 8-S 22-E 26
 Rig Name: INGERSOL RAND

Spud Date: 8/30/2008
 Rig Release: 9/6/2008
 Rig Number: 9

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/24/2008	07:30 - 12:30	5.00	CMT	2	SKS OF 14.3 PPG OF 1ST LEAD FOAMED CEMENT FOLLOWED BY PUMPING 415 BBLs 1565 SKS OF 14.3 PPG 2ND FOAMED CEMENT. PUMPED 48 BBLs OR 240 SKS OF 14.3 PPG OF UNFOAMED TAIL CEMENT THEN STARTED DISPLACEMENT BY PUMPING 473 BBLs OF 11.5 PPG MUD. BUMPED PLUG AND FLOATS HELD WITH 1 1/2 BBLs OF MUD RETURNED PUMP TRUCK. DID NOT HAVE ANY RETURNS DURING THE ENTIRE CEMENT JOB.
	12:30 - 14:00	1.50	CMT	1	RIG DOWN AND LOAD OUT HALLIBURTON. (LAY DOWN CEMENT ISOLATION TOOL)
	14:00 - 19:30	5.50	BOP	2	HELD SAFETY MEETING, RIG UP AND TEST BOP'S. TESTED BLINDS, PIPES, KILL LINE, CHOKE MANIFOLD, FLOOR VALVES FROM 250 LOW TO 10,000 HI. TESTED ANNULAR 250 LOW AND 5000 HI. TESTED CASING TO 1500 PSI FOR 30 MIN. FUNCTION TESTED ACCUMULATOR. UPPER PIPE RAMS WOULD NOT TEST
	19:30 - 04:00	8.50	OTH		OPEN GATES AND PULL RAM BLOCKS, NO OTHER PIPE RAMS ON LOCATION, WAIT ON RAMS AND INSTALL. CLEAN MUD TANKS AND TRANSFER OILBASE FROM MUD FARM
	04:00 - 06:00	2.00	BOP	2	CONTINUE TO TEST BOP'S. TESTED BLINDS, PIPES, KILL LINE, CHOKE MANIFOLD, FLOOR VALVES FROM 250 LOW TO 10,000 HI. TESTED ANNULAR 250 LOW AND 5000 HI. TESTED CASING TO 1500 PSI FOR 30 MIN. FUNCTION TESTED ACCUMULATOR.
10/25/2008	06:00 - 12:30	6.50	BOP	2	CONTINUE TO TEST BOP'S. TESTED BLINDS, PIPES, KILL LINE, CHOKE MANIFOLD, FLOOR VALVES FROM 250 LOW TO 10,000 HI. TESTED ANNULAR 250 LOW AND 5000 HI. TESTED CASING TO 1500 PSI FOR 30 MIN. FUNCTION TESTED ACCUMULATOR.
	12:30 - 13:30	1.00	OTH		INSTALL WEAR BUSHING.
	13:30 - 15:30	2.00	TRP	2	PICK UP 4" DRILL STRING.
	15:30 - 16:30	1.00	OTH		RIG UP AND PUMP 6.7 BBLs WATER INTO BACK SIDE WITH 1000 PSI. (FLUSH OUT PUMP, MUD LINE AND TOP DRIVE WITH WATER)
	16:30 - 20:00	3.50	TRP	2	CONTINUED TO PICK UP 4" DRILLING ASSEMBLY AND FILLED PIPE AT 1300 FT WITH NO PROBLEMS, CONTINUED TO PICK UP 4" DRILL STRING TO 5062 FT. FILLED PIPE AND DRILL STRING PLUGGED.
	20:00 - 20:30	0.50	OTH		RIG DOWN LAYDOWN MACHINE.
	20:30 - 01:30	5.00	TRP	2	PULL OUT OF HOLE WET. (MOTOR PLUGGED WITH LCM)
	01:30 - 03:30	2.00	OTH		LAY DOWN MUD MOTOR, CLEAN FLOOR AFTER WET TRIP, PICK UP NEW MOTOR AND STAND BACK IN DERRICK.
	03:30 - 05:30	2.00	TRP	2	TRIP IN HOLE OPEN ENDED WITH HWDP AND DRILL PIPE.
	05:30 - 06:00	0.50	OTH		RIG UP LAY DOWN MACHINE TO PICK UP DRILL PIPE.
10/26/2008	06:00 - 11:30	5.50	TRP	2	PICK UP 4" DRILL PIPE AND RUN IN HOLE TO 9700 FT.
	11:30 - 13:30	2.00	RIG	2	RIG REPAIR, NO POWER TO DRAWWORKS, FOUND LOOSE WIRE.
	13:30 - 17:00	3.50	TRP	2	CONTINUE TO PICK UP 4" DRILLING ASSEMBLY AND TAGGED CEMENT AT 12411 FT.
	17:00 - 18:30	1.50	CIRC	1	DISPLACE HOLE WITH 14.5 PPG INVERT MUD.
	18:30 - 20:00	1.50	RIG	6	CUT DRILL LINE.
	20:00 - 20:30	0.50	TRP	2	READY RIG FOR TRIP OUT.
	20:30 - 00:30	4.00	TRP	2	TRIP OUT OF HOLE. (BUILDING VOLUME)
	00:30 - 01:00	0.50	OTH		ORGANIZE AND CLEAN FLOOR.
	01:00 - 04:00	3.00	TRP	2	TRIP IN HOLE WITH DRILLING ASSYEMBLY.
	04:00 - 06:00	2.00	RIG	2	HYDROLIC LEAK ON TOP DRIVE. MUST REMOVE SERVICE LOOP FOR REPAIRS.
10/27/2008	06:00 - 09:00	3.00	RIG	2	RIG REPAIR, HYDROLIC LEAK IN TOP DRIVE.
	09:00 - 10:00	1.00	TRP	2	CONTINUE TRIP IN HOLE.
	10:00 - 14:00	4.00	RIG	2	RIG REPAIR, TROUBLE SHOOT TOP DRIVE, CHANGE RAM ON GRABBER FOOT.

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Operations Summary Report

Well Name: GB 3D-4-8-22R
 Location: 4- 8-S 22-E 26
 Rig Name: INGERSOL RAND

Spud Date: 8/30/2008
 Rig Release: 9/6/2008
 Rig Number: 9

Date	From - To	Hours	Code	Sub Code	Description of Operations
10/27/2008	14:00 - 17:00	3.00	TRP	2	CONTINUE TO TRIP IN HOLE AND TAG CEMENT AT 12449 FT.
	17:00 - 18:30	1.50	DRL	4	DRILL CEMENT AND FLOAT EQUIPMENT. (TAGGED FLOAT AT 12480 AND SHOE AT 12577 FT) (STARTED DRILLING FORMATION AT 12590 FT)
	18:30 - 19:00	0.50	DRL	1	DRILLING FORMATION FROM 12590 TO 12600 FT AT 20 FT/HR WITH 12-15 WOB, 140 RPM AND 210 GPM.
	19:00 - 19:30	0.50	EQT	2	CIRCULATE AND FIT. 850 PSI = 15.5 EMW.
	19:30 - 21:30	2.00	DRL	1	DRILLING 6 1/8" HOLE FROM 12600 TO 12624 WITH 15 WOB, 140 RPM AND 210 GPM.
	21:30 - 22:00	0.50	OTH		LAY DOWN BAD JOINT. (WASHED BOX)
	22:00 - 04:30	6.50	DRL	1	DRILLING 6 1/8" HOLE FROM 12624 TO 12786 AT 24.9 FT/HR WITH 15 WOB, 140 RPM AND 210 GPM.
	04:30 - 05:00	0.50	OTH		LAY DOWN BAD JOINT. (WASHED PIN)
	05:00 - 06:00	1.00	DRL	1	DRILLING 6 1/8" HOLE FROM 12786 TO 12811 AT 25 FT/HR WITH 15 WOB, 140 RPM AND 210 GPM.
	10/28/2008	06:00 - 13:30	7.50	DRL	1
13:30 - 15:30		2.00	OTH		TWO HRS SUBTRACTED FROM DRILL TIME DUE TO CHANGING PUMPS AND GENERATOR PROBLEMS.
15:30 - 16:00		0.50	RIG	1	RIG SERVICE.
16:00 - 16:30		0.50	TRP	13	BOTH PUMPS DOWN, VALVES ONE #1 PUMP AND LINER GASKET ON #2 PUMP. (#2 GENERATOR KICKING OFF LINE) TRIP OUT TO CASING SHOE FOR PUMP REPAIRS. (DOWN TIME ON UNIT)
16:30 - 21:00		4.50	RIG	2	RIG REPAIR OF BOTH PUMPS. (DOWN TIME ON UNIT)
21:00 - 21:30		0.50	TRP	13	TRIP IN HOLE. (DOWN TIME ON UNIT)
21:30 - 06:00		8.50	DRL	1	DRILLING 6 1/8" HOLE FROM 12980 TO 13111 AT 15.4 FT/HR WITH 14-16 WOB, 150 RPM AND 235 GPM. (DRILL RATE STARTING TO GET IRRATIC)
10/29/2008	06:00 - 06:00				MUD COST VERY HI DUE TO BUILDING MUD FOR SST 66.
	06:00 - 08:30	2.50	DRL	1	DRILLING 6 1/8" HOLE FROM 13111 TO 13146 AT 14 FT/HR WITH 12-16 WOB, 140-150 RPM AND 235 GPM.
	08:30 - 09:00	0.50	OTH		MOTOR STALLING WITH 5,000 ON BIT WITH SLOW PENETRATION RATE. ATTEMPT TO RESTART BIT.
	09:00 - 10:00	1.00	CIRC	1	CIRCULATE AND CONDITION, BUILD SLUG AND FILL TRIP TANK.
	10:00 - 10:30	0.50	SUR	1	CHECK FLOW AND DROP SURVEY.
	10:30 - 17:00	6.50	TRP	12	TRIP OUT DUE TO SLOW PENETRATION RATE AND MOTOR STALLING. (LAY DOWN MUD MOTOR)
	17:00 - 23:00	6.00	LOG	2	SAFETY MEETING AND RIG UP BLACK WARRIOR FOR BOND LOG AND RUN BOND LOG, CEMENT TOP AT 4310 FT. (RIG DOWN SAME)
10/30/2008	23:00 - 05:30	6.50	TRP	2	PICK UP MOTOR, TEST, PICK UP BIT AND TRIP IN HOLE TO CASING SHOE.
	05:30 - 06:00	0.50	RIG	6	CUT DRILLING LINE.
	06:00 - 07:30	1.50	RIG	6	CUT DRILLING LINE.
	07:30 - 08:30	1.00	TRP	2	TRIP IN HOLE WITH FULL RETURNS AND NO LOSSES.
	08:30 - 09:00	0.50	REAM	1	SAFETY WASH AND REAM FROM 12886 TO 13146 FT WITH NO FILL AND NO PROBLEMS.
	09:00 - 15:30	6.50	DRL	1	DRILLING 6 1/8" HOLE FROM 13146 TO 13466 AT 49.2 FT/HR WITH 9-10 WOB, 105 RPM AND 230 GPM.
	15:30 - 16:30	1.00	RIG	1	RIG SERVICE.
10/31/2008	16:30 - 06:00	13.50	DRL	1	DRILLING 6 1/8" HOLE FROM 13466 TO 14290 AT 61 FT/HR WITH 10-12 WOB, 103 RPM AND 231 GPM.
	06:00 - 12:00	6.00	DRL	1	DRILLING 6 1/8" HOLE FROM 14290 TO 14528 AT 39.6 FT/HR WITH 10-12 WOB, 230 GPM AND 103 RPM.
	12:00 - 13:00	1.00	RIG	1	RIG SERVICE.
	13:00 - 15:30	2.50	DRL	1	DRILLING 6 1/8" HOLE FROM 14528 TO 14591 AT 31.5 FT/HR WITH 10-12 WOB, 100 RPM AND 214 GPM.

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Operations Summary Report

Well Name: GB 3D-4-8-22R
 Location: 4- 8-S 22-E 26
 Rig Name: INGERSOL RAND

Spud Date: 8/30/2008
 Rig Release: 9/6/2008
 Rig Number: 9

Date	From - To	Hours	Code	Sub Code	Description of Operations	
10/31/2008	15:30 - 06:00	14.50	RIG	2	RIG REPAIR, BOTH PUMPS DOWN, (WASH PLATE ON #1 PUMP, LINER GASKET ON #2 PUMP) TRIP OUT TO CASING SHOE. REPAIR BOTH PUMPS, CHANGED 3 WASH PLATES, 2 LINERS, LINER GASKETS, AND THREAD RING. TRIP IN HOLE. (RIG ON DOWN TIME)	
11/1/2008	06:00 - 07:00	1.00	RIG	2	RIG REPAIR, BOTH PUMPS DOWN, (WASH PLATE ON #1 PUMP, LINER GASKET ON #2 PUMP) TRIP OUT TO CASING SHOE. REPAIR BOTH PUMPS, CHANGED 3 WASH PLATES, 2 LINERS, LINER GASKETS, AND THREAD RING. TRIP IN HOLE. (RIG ON DOWN TIME)	
	07:00 - 07:30	0.50	REAM	1	SAFETY WASH AND REAM FROM 14441 TO 14591 FT WITH NO FILL ON BOTTOM.	
	07:30 - 08:30	1.00	DRL	1	DRILLING 6 1/8" HOLE FROM 14591 TO 14601 FT AT 10 FT/HR WITH 10-12 WOB, 105 RPM AND 230 GPM.	
	08:30 - 10:00	1.50	CIRC	1	SHUT IN WELL, CIRCULATE OUT TRIP GAS THRU CHOKE WITH 4950 UNITS AND 45 FT FLARE ON BOTTOMS UP.	
	10:00 - 16:00	6.00	DRL	1	DRILLING 6 1/2" HOLE THRU CHOKE WITH 5000 UNITS AND 20 FT FLARE FROM 14601 TO 14683 AT 13.6 FT/HR WITH 12 WOB, 105 RPM AND 230 GPM. (INCREASED MUD WT TO 14.8 PPG)	
	16:00 - 17:00	1.00	CIRC	1	CIRCULATE AND SPOT 100 BBL OF 16.8 PPG AT CASING SHOE.	
	17:00 - 23:00	6.00	TRP	10	TRIP OUT OF HOLE WITH NO PROBLEMS WITH 19 BBL OVER CALCULATED DISPLACEMENT. (CHECK FLOW AT CASING SHOE**OK)	
	23:00 - 23:30	0.50	TRP	1	CHANGE MOTOR, TEST AND CHANGE BIT.	
	23:30 - 00:30	1.00	OTH		CLEAN AND CLEAR FLOOR.	
	00:30 - 04:00	3.50	TRP	10	TRIP IN HOLE, FILL BHA AND EVERY 3000 FT.	
11/2/2008	04:00 - 05:00	1.00	CIRC	1	CIRCULATE OUT HEAVY MUD AT 10,000 FT.	
	05:00 - 06:00	1.00	TRP	10	CONTINUE TO TRIP IN HOLE TO CASING SHOE.	
	06:00 - 07:00	1.00	CIRC	1	CIRCULATE BOTTOMS UP AT CASING SHOE. (12578)	
	07:00 - 08:00	1.00	TRP	10	TRIP IN HOLE TO 14533 FT WITH NO PROBLEMS AND FULL RETURNS.	
	08:00 - 08:30	0.50	REAM	1	SAFETY WASH AND REAM FROM 14533 TO 14683 FT WITH NO FILL ON BOTTOM.	
	08:30 - 14:00	5.50	DRL	1	DRILLING 6 1/8" HOLE FROM 14683 TO 14820 FT AT 24.9 FT/HR WITH 13-15 WOB, 110 RPM AND 230 GPM.	
	14:00 - 15:00	1.00	RIG	1	RIG SERVICE.	
	15:00 - 06:00	15.00	DRL	1	DRILLING 6 1/8" HOLE FROM 14820 TO 15525 AT 47 FT/HR WOTH 10-12 WOB, 230 GPM AND 110 RPM. (DRILLING THRU GASBUSTER WITH 5200 UNITS AND 10 FT DRILLING FLARE.)	
	11/3/2008	06:00 - 16:00	10.00	DRL	1	DRILLING 6 1/8" HOLE FROM 15525 TO 15984 AT 42.3 FT/HR WITH 10-14 WOB, 101 TO 110 RPM AND 109-130 GPM. (5000 UNITS BACKGROUND WITH 5-8 FT DRILLING FLARE)
		16:00 - 17:00	1.00	RIG	1	RIG SERVICE.
17:00 - 06:00		13.00	DRL	1	DRILLING 6 1/8" HOLE FROM 15984 TO 16500 FT AT 40 FT/HR WITH 12-14 WOB, 102 RPM AND 218 GPM. (4500 UNITS BACKGROUND WITH 2-3 FT DRILLING FLARE)	
11/4/2008	06:00 - 13:00	7.00	DRL	1	DRILLING 6 1/8" HOLE FROM 16500 TO 16780 AT 40 FT/HR WITH 12-15 WOB, 106 RPM AND 218 GPM.	
	13:00 - 14:00	1.00	RIG	1	RIG SERVICE.	
	14:00 - 21:00	7.00	DRL	1	DRILLING 6 1/8" HOLE FROM 16780 TO 16974 AT 25.8 FT/HR WITH 12-15 WOB, 106 RPM AND 218 GPM. (BIT STOPPED, TORQUING UP AND STALLING OUT)	
	21:00 - 22:00	1.00	CIRC	1	CIRCULATE BOTTOMS UP WITH 4605 UNITS ON BOTTOMS UP.	
	22:00 - 23:00	1.00	SUR	1	DROP SURVEY AND CHECK FLOW, WELL FLOWING AT 5 BBL/HR, AFTER 1/2 HR WELL FLOWING 3.4 BBL/HR. (WELL BLOONING)	
	23:00 - 01:00	2.00	CIRC	1	CIRCULATE BOTTOMS UP WITH 4400 UNITS AND 50 FT FLARE ON BOTTOMS UP. (DOWN TIME GAS)	
	01:00 - 02:00	1.00	CIRC	1	SPOT 150 BBL OF 16.8 PPG PILL.	

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Operations Summary Report

Well Name: GB 3D-4-8-22R
 Location: 4- 8-S 22-E 26
 Rig Name: INGERSOL RAND

Spud Date: 8/30/2008
 Rig Release: 9/6/2008
 Rig Number: 9

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/4/2008	02:00 - 06:00	4.00	TRP	10	TRIP OUT OF HOLE WITH HOLE TAKING CORRECT AMOUNT OF DISPLACEMENT FLUID. (CHECKED FLOW AT CASING SHOE WITH NO FLOW) (SLM)
11/5/2008	06:00 - 12:00	6.00	TRP	10	CONTINUE TO TRIP OUT OF HOLE NO PROBLEMS AND 11 BBLs OVER CALCULATED DISPLACEMENT. (SLM = 24 FT SHORT, WILL RESTRAP NEXT TRIP.)
	12:00 - 12:30	0.50	TRP	1	LAY DOWN MOTOR, BIT AND SURVEY. (MISS RUN ON SURVEY)
	12:30 - 13:00	0.50	OTH		CLEAN AND CLEAR FLOOR.
	13:00 - 13:30	0.50	TRP	1	PICK UP BIT, TORQUE BUSTER AND BIT SUB.
	13:30 - 17:00	3.50	TRP	10	TRIP IN HOLE, FILL PIPE AT BHA AND EVERY 30 STDS TO 10,000 FT.
	17:00 - 17:30	0.50	CIRC	1	BREAK CIRCULATION AND CIRCULATE.
	17:30 - 18:00	0.50	TRP	10	CONTINUE TO TRIP IN HOLE TO CASING SHOE.
	18:00 - 19:30	1.50	CIRC	1	CIRCULATE OUT ECD PILL AT CASING SHOE.
	19:30 - 20:30	1.00	RIG	6	CUT DRILLING LINE.
	20:30 - 21:30	1.00	TRP	10	CONTINUE TO TRIP IN HOLE TO 14693 FT.
	21:30 - 22:00	0.50	CIRC	1	BREAK CIRCULATION AND CIRCULATE OUT ECD PILL
	22:00 - 23:30	1.50	TRP	10	CONTINUE TRIP IN HOLE TO 16824 FT WITH FULL RETURNS AND NO MUD LOSSES ON TRIP.
	23:30 - 00:00	0.50	REAM	1	SAFETY WASH AND REAM FROM 16824 TO 16974 FT WITH NO FILL.
	00:00 - 06:00	6.00	DRL	1	DRILL 6 1/8" HOLE FROM 16974 TO 17017 AT 7.1 FT/HR THRU CHOKE WITH 10-15 WOB 50-55 RPM AND 214 GPM AND 5776 UNITS AND 60 FT FLARE ON BOTTOMS UP. (DRILLING THRU GASBUSTER AT REPORT TIME)
11/6/2008	06:00 - 18:00	12.00	DRL	1	DRILL 6 1/8 " PRODUCTION HOLE FROM 17,017' TO 17094'. 77', ROP 6.4', WOB 12 / 18K, 223 GPM, RPM 40, GAS 2825U.
	18:00 - 06:00	12.00	DRL	1	DRILL FROM 17,094' TO 17145' @ 4.2 FPH WITH 18-20K WOB, 40 RPM, 223 GPM, 2800 UNITS, 30' CONNECTION FLARE
11/7/2008	06:00 - 08:00	2.00	DRL	1	DRILL 6 1/8" PRODUCTION HOLE FROM 17,145' TO 17149'. 4'. ROP 2', WOB 20, RPM 45, GPM 214, GAS 2400U / 4400U.
	08:00 - 10:00	2.00	CIRC	1	FLOW CHECK STATIC, CIRCULATE BOTTOMS UP AND DROP SURVEY TOOL.
	10:00 - 11:00	1.00	CIRC	1	SPOT 150 BBL ECD PILL 16.5 PPG.
	11:00 - 18:00	7.00	TRP	10	TOH FOR BIT #17 TO 1706'. STRAP DRILL PIPE 1.5' DIFFERENCE NO CORRECTION.
	18:00 - 18:30	0.50	OTH		PULL ROTATING HEAD AND REMOVE FROM STRING.
	18:30 - 19:30	1.00	TRP	10	CONTINUE TOH BHA, RECOVER SURVEY 11.2 DEG, 191.6 AZM
	19:30 - 20:30	1.00	TRP	10	CHANGE OUT BIT #17 AND CLEAN RIG FLOOR.
	20:30 - 21:00	0.50	TRP	10	TIH AND CHANGE OUT DRILLING JARS. CHECK CROWN-O-MATIC.
	21:00 - 21:30	0.50	RIG	1	SERVICE RIG.
	21:30 - 00:00	2.50	TRP	10	TIH. FILL PIPE AT BHA, FILL PIPE EVERY 30 STANDS TO 15083'.
	00:00 - 01:00	1.00	CIRC	1	PICK UP AND INSTALL NEW ROTATING HEAD RUBBER.
	01:00 - 03:30	2.50	TRP	10	TIH TO 15,083'.
	03:30 - 05:00	1.50	CIRC	1	CIRCULATE OUT TOP HALF OF ECD PILL, 45 FLARE
	05:00 - 06:00	1.00	TRP	10	CONTINUE TO TIH
	06:00 - :-				NOTE: NOT SURE OF SURVEY DATA, TOOL ONLY GOOD FOR 300 DEG, TOOL WOULD NOT GIVE READING UNTIL IT COOLED DOWN
11/8/2008	06:00 - 08:00	2.00	REAM	1	WASH & REAM F/ 16789' - 17149', 360' (LITE REAMING)
	08:00 - 08:30	0.50	RIG	1	SERVICE RIG
	08:30 - 18:00	9.50	DRL	1	DRILLING 6.125" HOLE F/ 17149' TO 17,220'. 71'. ROP 7.5', WOB 16 / 17, RPM 50, GPM 214, GAS 440U CONN 4200U.
	18:00 - 23:30	5.50	DRL	1	DRILL FROM 17,220' TO 17,265'. 45'. ROP 8.2', GAS 300U, DRILLING PARAMETERS THE SAME.
	23:30 - 01:00	1.50	CIRC	1	CIRCULATE BOTTOMS UP. WORK PIPE.
	01:00 - 01:30	0.50	OTH		FLOW CHECK, WELL FLOWING 1.5 BBL/HR.

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Operations Summary Report

Well Name: GB 3D-4-8-22R
 Location: 4- 8-S 22-E 26
 Rig Name: INGERSOL RAND

Spud Date: 8/30/2008
 Rig Release: 9/6/2008
 Rig Number: 9

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/8/2008	01:30 - 03:00	1.50	TRP	14	SHORT TRIP 15 STANDS. TIGHT SPOT AT 17,119'. OVER PULL 60K. WORKED TIGHT SPOT FREE.
	03:00 - 03:30	0.50	REAM	1	REAM FROM 17,119' TO 17,265'. PRECAUTIONARY. NO FILL.
	03:30 - 05:00	1.50	CIRC	1	CIRCULATE BOTTOMS UP
	05:00 - 05:30	0.50	OTH		FLOW CHECK
11/9/2008	05:30 - 06:00	0.50	CIRC	1	SPOT 150 BBLS 16.8 PPG ECD PILL
	06:00 - 08:30	2.50	TRP	2	TOH. USE PIPE SPINNERS TO SHOE.
	08:30 - 10:00	1.50	CIRC	1	CIRCULATE BOTTOMS UP AT 13,000' TOP OF ECD PILL.
	10:00 - 14:30	4.50	TRP	2	CONTINUE TO TOH.
	14:30 - 18:00	3.50	LOG	1	PRE JOB SAFETY MEETING. RIG UP SCHLUMBERGER. RUN IN HOLE WITH PLATFORM EXPRESS.
	18:00 - 21:00	3.00	LOG	1	RUN #1 PLATFORM EXPRESS. DRILLED DEPTH 17,265'. SCHLUMBERGER DEPTH 17,272'.
	21:00 - 06:00	9.00	LOG	1	RUN #2 OBMI, LOG FROM 16200' - SHOE, RE-RUN LOGS @ HALF SPEED
	-				HOLE VOLUME 891.62 FT/3
	-				CEMENT VOLUME 373.19 FT/3
	-				AVG HOLE SIZE 6.125"
11/10/2008	06:00 - 06:30	0.50	LOG	1	BHT = 289 DEG
	06:30 - 08:00	1.50	OTH		NOTE: FROM 16200' - 17272' HOLE STICKY ON FIRST RUN
	08:00 - 13:30	5.50	TRP	10	RIG DOWN SCHLUMBERGER
	13:30 - 15:00	1.50	CIRC	1	WAIT ON CONFORMATION TO CONTINUE TO DRILL
	15:00 - 16:00	1.00	RIG	6	TIH TO SHOE
	16:00 - 17:00	1.00	RIG	1	CIRCULATE BOTTOMS UP
	17:00 - 18:00	1.00	TRP	10	SLIP AND CUT DRILLING LINE
	18:00 - 19:30	1.50	CIRC	1	SERVICE RIG
	19:30 - 20:00	0.50	TRP	10	CONTINUE TO TIH TO 15000'
	20:00 - 22:00	2.00	REAM	1	CIRCULATE TOP 1/2 OF ECD PILL
	22:00 - 06:00	8.00	DRL	1	CONTINUE TO TIH, TAG @ 16525'
	06:00 -				WASH & REAM F/ 16525' - 17265' (LITE REAMING)
	11/11/2008	06:00 - 07:00	1.00	DRL	1
07:00 - 07:30		0.50	OTH		NOTE: 50% CLAY 40% SHALE 10% SANDSTONE
07:30 - 09:00		1.50	CIRC	1	DRILLING 6.125" HOLE F/ 17310' - 17311' ATTEMPT TO MAKE CONNECTION
09:00 - 11:00		2.00	CIRC	1	UNABLE TO REAM PAST 17299' APPLY 15K WILL NOT TORQUE UP AND WILL NOT DRILL OFF, SEVERAL ATTEMPTS MADE TO REAM PAST 17299'
11:00 - 14:00		3.00	TRP	15	FLOW CHECK, STATIC, CALL SUPT, DECISION WAS MADE TO CALL 17311' (TD)
14:00 - 15:30		1.50	CIRC	1	CIRCULATE BOTTOMS UP
15:30 - 16:00		0.50	OTH		SPOT 150 BBLS 16.9 PPG PILL, SLUG PIPE
16:00 - 00:00		8.00	TRP	3	TOH TO 13000' (SLOW DUE TO SWOBBING)
00:00 - 00:30		0.50	OTH		CIRCULATE BOTTOMS UP WHILE RIGGING UP RMC LAY DOWN MACHINE, HPJSM
00:30 - 02:00		1.50	TRP	2	FLOW CHECK, SLIGHT BALLOONING, SLUG PIPE
02:00 - 02:30		0.50	OTH		LAY DOWN 12000' DRILL PIPE, HOLE TAKING 3-4 BBLS PER 15 JTS (CALCULATED 2.75)
02:30 - 06:00	3.50	TRP	3	RIG DOWN LAY DOWN MACHINE	
06:00 -				TIH WITH 45 STANDS	
				RIG UP LAY DOWN MACHINE	
				LAY DOWN DRILL PIPE & BHA	
				NOTE: NOTIFIED CLIFF JOHNSON WITH BLM ON RUNNING PRODUCTION	

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Operations Summary Report

Well Name: GB 3D-4-8-22R
 Location: 4- 8-S 22-E 26
 Rig Name: INGERSOL RAND

Spud Date: 8/30/2008
 Rig Release: 9/6/2008
 Rig Number: 9

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/11/2008	: -				CSG & CEMENTING
11/12/2008	06:00 - 07:00	1.00	TRP	2	CONTINUE TO LAY DOWN BHA, TORQUE BUSTER TWISTED OFF @ PIN, TORQUE BUSTER AND BIT # 19 LEFT IN HOLE
	07:00 - 08:00	1.00	OTH		PULL WEAR BUSHING
	08:00 - 10:00	2.00	CSG	1	RIG UP ROCKY MOUNTAIN CASING EQUIPMENT, HPJSM
	10:00 - 19:00	9.00	CSG	2	MAKE UP SHOE TRACK, CHECK SAME, RUN 4.50" PRODUCTION CASING TO 12400'
	19:00 - 19:30	0.50	OTH		INSTALL CIRCULATING ELEMENT
	19:30 - 20:00	0.50	CIRC	1	CIRCULATE @ SHOE
	20:00 - 21:30	1.50	CSG	2	CONTINUE TO RUN 4.50" CASING TO 15030'
	21:30 - 22:30	1.00	CIRC	1	CIRCULATE TOP HALF OF ECD PILL
	22:30 - 00:30	2.00	CSG	2	CONTINUE TO RUN 4.50" CASING TO 17236'
	00:30 - 01:00	0.50	CIRC	1	WASH CASING F/ 17236' - 17296'
	01:00 - 02:00	1.00	CIRC	1	CIRCULATE WHILE RIGGING DOWN ROCKY MOUNTAIN CASING
	02:00 - 05:00	3.00	CIRC	1	CIRCULATE AND CUT MUD WEIGHT F/ 15.2 PPG - 15.0 PPG
	05:00 - 06:00	1.00	CMT	1	RIG DOWN FILL UP TOOL, RIG UP HALLIBURTON
11/13/2008	06:00 - 08:00	2.00	CMT	1	RIG UP HALLIBURTON, HPJSM
	08:00 - 08:30	0.50	CMT	2	TEST LINES TO 8000 PSI
	08:30 - 11:00	2.50	CMT	2	HALLIBURTON PUMP 40 BBLS 15 PPG TUNED SPACER, FOLLOWED BY 740 SX CLASS "G" CEMENT 15.2 PPG, DROP TOP PLUG, DISPLACE WITH 244 BBLS CLAYFIX II WATER, BUMP PLUG WITH 1000 PSI OVER CIRCULATING PSI (7100 PSI) BLEED PSI, FLOATS HOLDING, 6.5 BBLS BACK, 100% CIRCULATION THROUGHOUT JOB
	11:00 - 12:00	1.00	CMT	1	RIG DOWN HALLIBURTON
	12:00 - 16:00	4.00	WOT	1	WAIT ON CEMENT, MONITOR ANNULAS, WELL FLOWING .82 BPH, TRANSFER 1500 BBLS 15.0 PPG INVERT TO UNIT 232, CONTINUE TO CLEAN MUD TANKS
	16:00 - 00:00	8.00	WOT	1	CLOSE TOP PIPE RAMS, CONTINUE TO MONITOR ANNULAS, PRESSURE STARTING TO STABILIZE @ 1230 PSI, CONTINUE TO CLEAN MUD TANKS
	00:00 - 02:30	2.50	BOP	1	BLEED PSI, FLOW CHECK (STATIC) NIPPLE DOWN BOP'S, CONTINUE TO CLEAN MUD TANKS
	02:30 - 03:00	0.50	CSG	7	SET CAMERON CASING SLIPS WITH 20K OVER (180K)
	03:00 - 04:00	1.00	CSG	6	CUT CASING, LOWER BOP'S, RIG DOWN B & C BOP HOISTS, LAY DOWN CUTOFF CSG
	04:00 - 06:00	2.00	BOP	1	CONTINUE TO NIPPLE DOWN BOP'S FOR RIG MOVE, CONTINUE TO CLEAN MUD TANKS
	06:00 -				
	: -				
11/14/2008	06:00 - 06:00	24.00	LOC	4	NOTE: TRANSFERED 1500 BBLS 15.0 PPG INVERT TO UNIT 232, WV13A 15-8-21 FLUSH MUD LINES, CLEAN MUD TANKS, RIG DOWN TOP DRIVE, READY DERRICK TO LAY OVER, WAIT ON ORDERS
	06:00 -				NOTE: STILL CLEANING MUD TANKS, WILL RELEASE RIG WHEN FINISHED, 80% CLEAN
11/15/2008	06:00 - 06:00	24.00	LOC	7	CLEAN MUD TANKS, RIG DOWN PREPARE FOR TRUCKS RIG RELEASED 15-NOV-08 @ 06:00 HRS

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Operations Summary Report - COMPLETION

Well Name: GB 3D-4-8-22R
 Location: 4-8-S 22-E 26
 Rig Name: UNIT

Spud Date: 8/30/2008
 Rig Release: 11/15/2008
 Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/24/2008	08:00 - 14:00	6.00	LOG	2	MIRU OWP ELU. MU AND RIH WITH CCL/GR/CBL/VDL LOGGING TOOLS AND TAG CORRELATED PBSD AT 16,280' (FC @ 17,294'). PRESSURE UP TO 4,000 PSI AND LOG UP TO 6,900'. BLEED PRESSURE TO ZERO AND POOH. RDMO ELU. EST. TOC AT 7,340'. BHT= 303*.
11/25/2008	08:00 - 19:00	11.00	LOC	4	MIRU IPS CTU AND FB EQUIPMENT. LOAD CT WITH 100* WATER. MU QES 2 7/8" MOTOR/JARS AND 3.55" 5-BLADE JUNK MILL. TEST STACK TO 6,000 PSI. RIH AND CLEAN OUT TO FC @ 17,294'. PUMP FINAL SWEEP AND POOH. RDMO IPS AND FB EQUIPMENT.
11/26/2008	08:00 - 14:00	6.00	LOG	2	MIRU OWP ELU. MU AND RIH WITH CCL/GR/CBL/VDL LOGGING TOOLS AND TAG CORRELATED PBSD AT 17,289' (FC @ 17,294'). PRESSURE UP TO 4,000 PSI AND LOG UP TO 16,000'. BLEED PRESSURE TO ZERO AND POOH. RDMO ELU. EST. TOC AT 7,340'. BHT= 319*.
11/29/2008	12:00 - 16:00	4.00	LOC	4	SPOT FBE.
11/30/2008	12:00 - 16:00	4.00	LOC	4	SPOT FBE.
12/4/2008	09:00 - 13:30	4.50	PERF	2	MIRU IPS FB AND OWP ELU. MU & RIH WITH 2.5" GUNS. SHOOT 42 HOLES FROM 16,929' TO 17,284'. 800 PSI WHEN GUNS WERE FIRED. 1,000 PSI WITH GUNS AT SURFACE.
12/5/2008	13:30 - 06:00	16.50	STIM	2	MIRU HES FRAC EQUIPMENT.
	06:00 - 07:50	1.83	STIM	3	FRAC STAGE #1 WITH 1,741 BBLs 35# HYBOR-G CARRYING 26,000 LBS 30/50 SPXL AND 20,400 LBS 30/50 SINTERLITE SAND FROM .5 TO 4 PPA. AVG RATE= 38 BPM. AVG PSI = 10,341.
	07:50 - 11:45	3.92	PERF	2	STAGE #2. RU OWP ELU. MU & RIH WITH 2.5" GUNS AND 3.44" CFP. SET PLUG AT 16,840' WITH 7,800 PSI. SHOOT 42 HOLES FROM 16,272' TO 16,818'.
	11:45 - 13:15	1.50	STIM	3	FRAC STAGE #2 WITH 2,540 BBLs SLICKWATER CARRYING 40,700 LBS 30/50 SPXL SAND. AVG RATE= 39.2 BPM. AVG PSI = 10,200.
	13:15 - 15:54	2.65	PERF	2	STAGE #3. RU OWP ELU. MU & RIH WITH 2.5" GUNS AND 3.44" CBP. SET PLUG AT 16,190' WITH 8,300 PSI. SHOOT 42 HOLES FROM 15,700' TO 16,172'.
	16:04 - 17:16	1.20	STIM	3	FRAC STAGE #3 WITH 2,549 BBLs SLICKWATER CARRYING 36,900 LBS 30/50 SPXL SAND. AVG RATE= 39.6 BPM. AVG PSI = 10,575.
	17:40 - 20:30	2.83	PERF	2	STAGE #4. RU OWP ELU. MU & RIH WITH 2.5" GUNS AND 3.44" CFP. SET PLUG AT 15,610' WITH 8,200 PSI. SHOOT 42 HOLES FROM 15,067' TO 15,597'.
	20:30 - 21:45	1.25	STIM	3	FRAC STAGE #4 WITH 2,436 BBLs SLICKWATER CARRYING 40,316 LBS 30/50 SPXL SAND. AVG RATE= 4,162 BPM. AVG PSI = 41.62.
	21:50 - 00:30	2.67	PERF	2	STAGE #5. RU OWP ELU. MU & RIH WITH 2.5" GUNS AND 3.44" CBP. SET PLUG AT 14,960' WITH 7,700 PSI. SHOOT 42 HOLES FROM 14,130' TO 14,944'.
	00:30 - 01:40	1.17	STIM	3	FRAC STAGE #5 WITH 2,441 BBLs SLICKWATER CARRYING 25,093 LBS 30/50 PREMIUM WHITE AND 13,533 LBS 30/50 SB EXCEL SAND. AVG RATE= 41.9 BPM. AVG PSI = 10,193.
12/6/2008	01:40 - 07:30	5.83	PERF	2	STAGE #6. RU OWP ELU. MU & RIH WITH 2.5" GUNS AND 3.44" CBP. SET PLUG AT 14,050' WITH 7,000 PSI. SHOOT 42 HOLES FROM 13,292' TO 14,023'.
	07:30 - 08:50	1.33	STIM	3	MIS-FIRE ON PLUG. POOH. RE-HEAD AND CHANGE OUT CCL. RBIH. FRAC STAGE #6 WITH 2,558 BBLs SLICKWATER CARRYING 23,000 LBS 30/50 WHITE AND 18,500 LBS 30/50 SBXL SAND. AVG RATE= 38 BPM. AVG PSI = 9,543.
	08:50 - 10:55	2.08	PERF	2	STAGE #7. RU OWP ELU. MU & RIH WITH 2.5" GUNS AND 3.44" CFP. SET PLUG AT 13,160' WITH 6,100 PSI. SHOOT 42 HOLES FROM 12,356' TO 13,144'.
	10:55 - 12:00	1.08	STIM	3	FRAC STAGE #7 WITH 2,267 BBLs SLICKWATER CARRYING 26,749 LBS 30/50 WHITE AND 16,608 LBS 30/50 SB EXCEL. AVG RATE= 43 BPM. AVG PSI = 7,400.
	12:00 - 13:45	1.75	PERF	2	STAGE #8. RU OWP ELU. MU & RIH WITH 2.5" GUNS AND 3.44" CFP. SET PLUG AT 11,780' WITH 4,800 PSI. SHOOT 27 HOLES FROM 11,584' TO 11,769'.
	13:51 - 15:00	1.15	STIM	3	FRAC STAGE #8 WITH 2,654 BBLs SLICKWATER CARRYING 44,975 LBS 30/50 WHITE AND 17,505 LBS 30/50 SB EXCEL. AVG RATE= 42.9 BPM. AVG PSI =

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1/23/2009 1:09:53 PM

FEB 02 2009

DIV. OF OIL, GAS & MINING

Operations Summary Report

Well Name: GB 3D-4-8-22R
 Location: 4- 8-S 22-E 26
 Rig Name: UNIT

Spud Date: 8/30/2008
 Rig Release: 11/15/2008
 Rig Number: 109

Date	From - To	Hours	Code	Sub Code	Description of Operations
12/6/2008	13:51 - 15:00	1.15	STIM	3	7,389.
	15:10 - 17:00	1.83	PERF	2	STAGE #9. RU OWP ELU. MU & RIH WITH 2.5" GUNS AND 3.44" CFP. SET PLUG AT 11,350' WITH 3,200 PSI. SHOOT 36 HOLES FROM 10,675' TO 11,330'.
	17:00 - 18:14	1.23	STIM	3	FRAC STAGE #9 WITH 3,185 BBLs SLICKWATER CARRYING 71,590 LBS 30/50 WHITE AND 15,306 LBS 30/50 SB EXCEL. AVG RATE= 43.5 BPM. AVG PSI = 8,270.
	18:20 - 20:05	1.75	PERF	2	STAGE #10. RU OWP ELU. MU & RIH WITH 2.5" GUNS AND 3.44" CFP. SET PLUG AT 10,530' WITH 3,000 PSI. SHOOT 36 HOLES FROM 10,151' TO 10,511'.
	20:05 - 21:20	1.25	STIM	3	FRAC STAGE #10 WITH 2,766 BBLs SLICKWATER CARRYING 54,732 LBS 30/50 WHITE AND 17,240 LBS 30/50 SB EXCEL. SAND. AVG RATE= 46.6 BPM. AVG PSI = 5,279.
	21:20 - 23:15	1.92	PERF	2	STAGE #11. RU OWP ELU. MU & RIH WITH 2.5" GUNS AND 3.44" CFP. SET PLUG AT 10,090' WITH 2,400 PSI. SHOOT 30 HOLES FROM 9,766' TO 10,067'.
	23:15 - 00:15	1.00	STIM	3	FRAC STAGE #11 WITH 2,721 BBLs SLICKWATER CARRYING 55,173 LBS 30/50 WHITE AND 17,280 LBS 20/40 PROPTRAC SAND. AVG RATE= 48.6 BPM. AVG PSI = 5,421.
	00:15 - 02:00	1.75			STAGE #12. RU OWP ELU. MU & RIH WITH 2.5" GUNS AND 3.44" CFP. SET PLUG AT 9,730' WITH 2,400 PSI. SHOOT 18 HOLES FROM 9,133' TO 9,713'.
	02:00 - 02:30	0.50	STIM	3	FRAC STAGE #12 WITH 797 DELTA 200 CARRYING 28,660 LBS 30/50 WHITE AND 36,710 LBS 20/40 PROPTRAC SAND. AVG RATE= 48.2 BPM. AVG PSI = 5,469.
	02:30 - 04:15	1.75			STAGE #13. RU OWP ELU. MU & RIH WITH 2.5" GUNS AND 3.44" CFP. SET PLUG AT 8,275' WITH 2,400 PSI. SHOOT 18 HOLES FROM 7,272' TO 8,263'.
04:15 - 04:40	0.42	STIM	3	FRAC STAGE #13 WITH 765 BBLs DELTA 200 CARRYING 34,840 LBS 30/50 WHITE AND 31,660 LBS 20/40 PROPTRAC SAND. AVG RATE= 43.2 BPM. AVG PSI = 7,035.	
04:40 - 07:00	2.33	LOC	4	RDMO OWP ELU AND HES FRAC EQUIPMENT.	
12/7/2008	07:00 - 19:00	12.00	DRL	6	MIRU IPS CTU, GCDOE AND SPIRIT FLUIDS. LOAD CT WITH 110' WATER. MU QES 2 7/8" MOTOR/JARS AND 3.55" 5-BLADE JUNK MILL. TEST STACK TO 8,000 PSI. RIH AND DRILL OUT 12 PLUGS IN 6 HOURS TO PBDT DEPTH OF 17,294'. PUMP FINAL SWEEP AND POOH. RDMO IPS CTU, GCDOE & SPIRIT FLUIDS.
	19:00 - 06:00	11.00	PTST	2	FLOWING TO SALES THROUGH IPS FBE.
12/8/2008	06:00 - 06:00	24.00	PTST	2	FLOWING TO SALES THROUGH IPS FBE.
12/9/2008	06:00 - 06:00	24.00	PTST	2	FLOWING TO SALES THROUGH IPS FBE.
12/10/2008	06:00 - 06:00	24.00	PTST	2	FLOWING TO SALES THROUGH IPS FBE.
12/11/2008	06:00 - 06:00	24.00	PTST	2	RDMO IPS FBE. FLOWING TO SALES THROUGH PRODUCTION EQUIPMENT.

CONFIDENTIAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.	UTU-02510A
6. If Indian, Allottee or Tribe Name	N/A

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	7. If Unit of CA/Agreement, Name and/or No. N/A
2. Name of Operator QUESTAR EXPLORATION & PRODUCTION CO. CONTACT: Mike Stahl	8. Well Name and No. GB 3D-4-8-22R
3a. Address 11002 EAST 17500 SOUTH, VERNAL, UTAH 84078	9. API Well No. 43-047-40345
3b. Phone No. (include area code) (303) 308-3613	10. Field and Pool or Exploratory Area WHITE RIVER
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1387' FNL 2131' FWL, LOT 6, SECTION 4, T8S, R22E	11. Country or Parish, State UINTAH, UTAH

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>COMMINGLING</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

In Compliance with the Administrative Utah code for drilling and operating practice R649-3-22, completion into two or more pools. Questar Exploration & Production Company hereby requests the commingling of production between intervals in the GB 3D-4-8-22R. Questar considers this commingling to be in the public interest in that it promotes maximum ultimate economic recovery, prevents waste, provides for orderly and efficient production of oil and gas and presents no detrimental effects from commingling the gas streams.

Questar requests approval for the commingling of production from the Dakota to the Wasatch intervals. Based upon offset production logs, the proposed initial allocation is as follows: Dakota - 10%; Mancos - 40%; Mesa Verde - 40%; Wasatch - 10%.

On an annual basis the gas will be sampled and a determination will be made of the BTU content and gas constituents. These annual samples can be used to determine if the gas allocation is changing over time. If these samples do not indicate that any adjustments in allocation are necessary they may be discontinued after the fifth anniversary of the initial production.

COPY SENT TO OPERATOR

Date: 3.26.2009
Initials: KS

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Laura Bills	Title Associate Regulatory Affairs Analyst
Signature <i>Laura Bills</i>	Date 03/02/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by <i>[Signature]</i>	Title <u>Pet Eng.</u>	Date <u>3/24/09</u>
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office <u>DOG m</u>	Federal Approval Of This Action Is Necessary

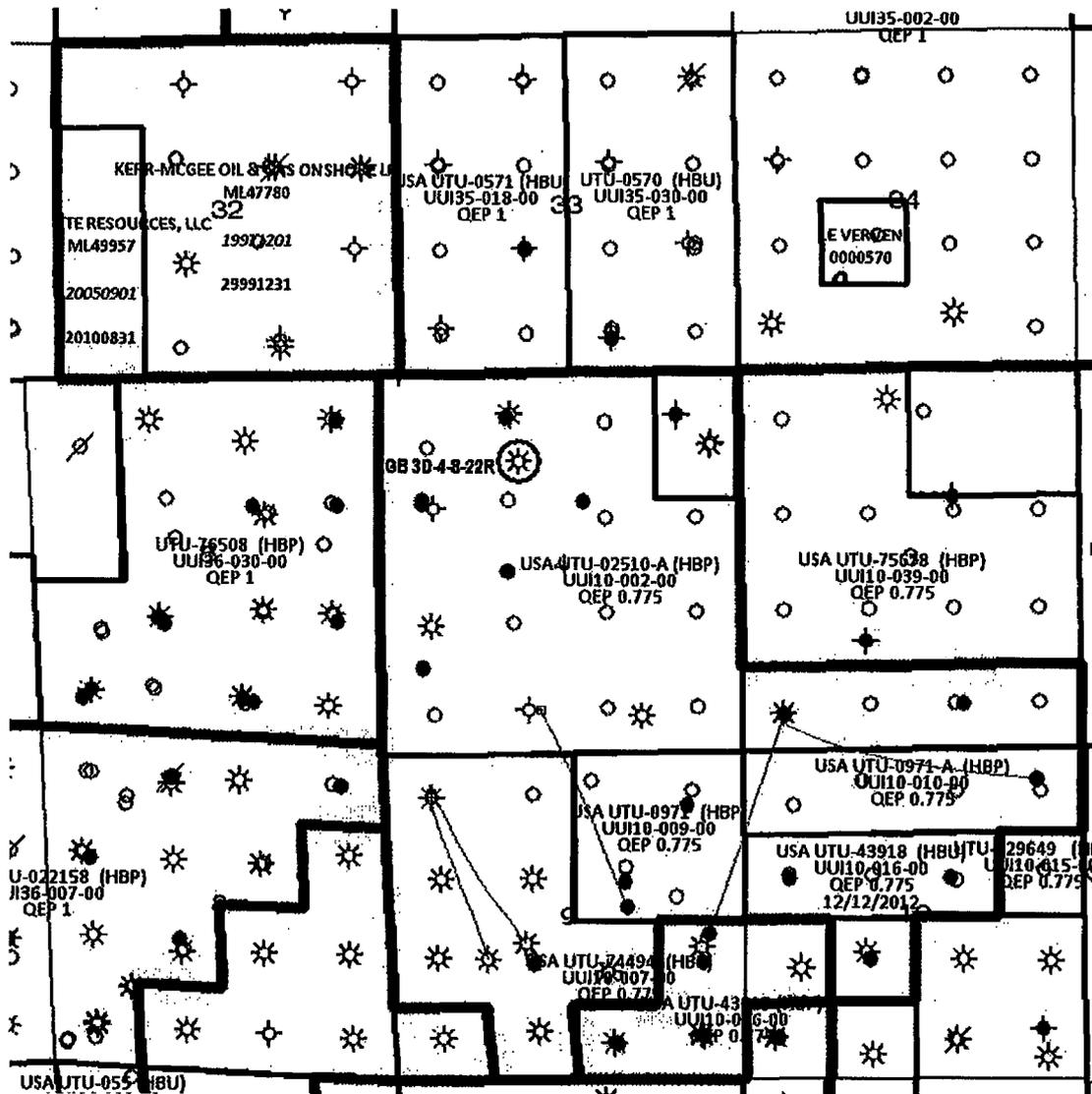
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

RECEIVED

MAR 04 2009

CONFIDENTIAL



T8S-R22E

Tw/Kmv
COMMINGLED PRODUCTION

Uinta Basin—Uintah County, Utah

Well: GB 3D-4-8-22R
Lease: UTU 02510A

○ Commingled well

QUESTAR
 Exploration and
 Production

1850 17th St., #600 Denver, CO 80202

Geologist:

Landman: Nate Koentgen/Chad Melney/Birgit Roelink

Date: February 17, 2009

AFFIDAVIT OF NOTICE

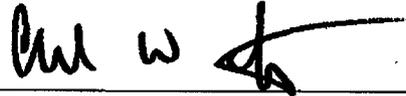
STATE OF COLORADO)
) ss:
COUNTY OF DENVER)

Chad W. Matney, being duly sworn, deposes and says:

- 1. That I am employed by Questar Exploration and Production Company in the capacity as a Landman. My business address is:

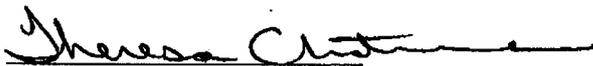
Independence Plaza
1050 17th Street, Suite 500
Denver, CO 80265

- 2. In my capacity as a Landman, pursuant to the provisions of Utah Administrative Rule 649-3-22, I have provided a copy of Questar Exploration and Production Company's application for completion of the GB 3D-4-8-22R well into two or more pools, in the form of Utah Division of Oil, Gas and Mining's Form 9 Sundry Notice, to owners of all contiguous oil and gas leases or drilling units overlying the pools which are the subject of that application.
- 3. In my capacity as a Landman, I am authorized to provide such notice of Questar Exploration and Production Company's application to contiguous owners and to make this affidavit on this 26th day of February 2009.

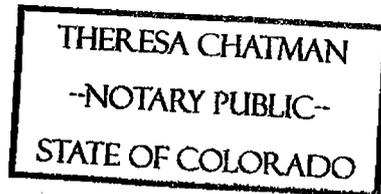


Printed Name: Chad W. Matney

The foregoing instrument was sworn to and subscribed before me this 26th day of February 2009, by Chad W. Matney.


Notary Public

MY COMMISSION EXPIRES: 7/7/11





Questar Exploration and Production Company

Independence Plaza

1050 17th Street, Suite 600

Denver, CO 80265

Tel 303 672 6900 • Fax 303 294 9632

Rocky Mountain Region

February 26, 2009

SEE ATTACHED MAILING LIST

Dear Owner:

Attached for your information is a copy of Questar's application to the State of Utah Division of Oil, Gas and Mining for commingling of the GB 3D-4-8-22R Well located in Uintah County, Utah.

Very truly yours,

A handwritten signature in black ink, appearing to read "Chad W. Matney". The signature is written in a cursive, somewhat stylized font.

Chad W. Matney
Landman

Enclosure(s)

**MAILING LIST
GB 3D-4-8-22R
NOTICE OF COMMINGLING**

**Kerr-McGee Oil & Gas Onshore LP
c/o Anadarko Petroleum Corporation
1099 18th Street, Suite 1800
Denver, CO 80202
Attn: W. Chris Latimer**

**III Exploration Company
960 Broadway, Ste. 500
Boise, ID 83707
Attn: William Glynn/Ken Smith**

State of Utah
Division of Oil, Gas and Mining

OPERATOR: Questar Exploration & Production Co.
ADDRESS: 11002 East 17500 South
Vernal, Utah 84078 (435)781-4342

OPERATOR ACCT. No. N-5085

ENTITY ACTION FORM - FORM 6

Action Code	Current Entity No.	New Entity No.	API Number	Well Name	QQ	SC	TP	RG	County	Spud Date	Effective Date
E	17099	17099	43-047-40345	GB 3D 4 8 22R	LOT 6	4	8S	22	Uintah	8/30/08	12/7/08
WELL 1 COMMENTS: <u>WMMFD</u> <i>per wcr</i> CONFIDENTIAL <i>3/19/09</i> <i>from DKTA</i>											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected

(3/89)

RECEIVED
MAR 19 2009
DIV. OF OIL, GAS & MINING

John Caldwell

Signature

Office Administrator 3/19/2009
Title Date

Phone No. (435)781-4342

CONFIDENTIAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires 10/31/10

CONFIDENTIAL

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE – Other instructions on page 2.

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator
Questar Exploration and Production Co.

3a. Address
11002 E. 17500 S.
Vernal, UT 84078

3b. Phone No. (include area code)
(435) 781-4341

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
NENW Section 4 T8S, R22E

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No.
GB 3D-4-8-22R

9. API Well No.
43-047-40345

10. Field and Pool or Exploratory Area

11. Country or Parish, State
Utah

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input checked="" type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

The operator requests approval to isolate water in this well as follows:

1. Set composite BP at 11,310', and cast iron cement retainer at 11,300'
2. RIH with tubing, sting into retainer and obtain injection rate
3. Squeeze perfs 11.304-11.305'
4. Set composite BP at 9,825', and cast iron cement retainer at 9,815'
5. RIH with tubing, sting into retainer and obtain injection rate
6. Squeeze perfs 9,819'-9,820'
7. Set composite BP at 7,500', and cast iron cement retainer at 7,270'
8. RIH with tubing, sting into retainer and obtain injection rate
9. Squeeze perfs 7,272'-7,493'
10. Drill out retainers, cement and CBPs
11. Return well to production

COPY SENT TO OPERATOR

Date: 5.19.2009

Initials: KS

14. I hereby certify that the foregoing is true and correct.
Name (Printed/Typed)
Kirk Fleetwood

Title Petroleum Engineer

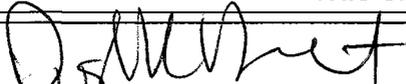
Signature



Date 04/24/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by



Title

Pet. Eng.

Date

5/18/09

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Doc m

Federal Approval of This Action Is Necessary

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

(Instructions on page 2)

APR 29 2009

DIV. OF OIL, GAS & MINING

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
 CDW

Change of Operator (Well Sold)

X - Operator Name Change

The operator of the well(s) listed below has changed, effective:

6/14/2010

FROM: (Old Operator): N5085-Questar Exploration and Production Company 1050 17th St, Suite 500 Denver, CO 80265 Phone: 1 (303) 308-3048	TO: (New Operator): N3700-QEP Energy Company 1050 17th St, Suite 500 Denver, CO 80265 Phone: 1 (303) 308-3048
--	---

CA No. Unit: WHITE RIVER

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/28/2010
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/28/2010
3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/24/2010
- 4a. Is the new operator registered in the State of Utah: Business Number: 764611-0143
- 5a. (R649-9-2) Waste Management Plan has been received on: Requested
- 5b. Inspections of LA PA state/fee well sites complete on: n/a
- 5c. Reports current for Production/Disposition & Sundries on: ok
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 8/16/2010 BIA not yet
7. **Federal and Indian Units:**
 The BLM or BIA has approved the successor of unit operator for wells listed on: 8/16/2010
8. **Federal and Indian Communization Agreements ("CA"):**
 The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
9. **Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 6/29/2010

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 6/30/2010
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 6/30/2010
3. Bond information entered in RBDMS on: 6/30/2010
4. Fee/State wells attached to bond in RBDMS on: 6/30/2010
5. Injection Projects to new operator in RBDMS on: 6/30/2010
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: ESB000024
2. Indian well(s) covered by Bond Number: 965010693
- 3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965010695
- 3b. The **FORMER** operator has requested a release of liability from their bond on: n/a

LEASE INTEREST OWNER NOTIFICATION:

4. (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: See attached
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: See attached
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: See attached
2. NAME OF OPERATOR: Questar Exploration and Production Company <i>N5085</i>		8. WELL NAME and NUMBER: See attached
3. ADDRESS OF OPERATOR: 1050 17th Street, Suite 500 Denver STATE CO ZIP 80265		9. API NUMBER: Attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: See attached		10. FIELD AND POOL, OR WILDCAT: See attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		COUNTY: Attached
		STATE: UTAH

11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>6/14/2010</u>	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: <u>Operator Name Change</u>
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____			

12 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective June 14, 2010 Questar Exploration and Production Company changed its name to QEP Energy Company. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:

Federal Bond Number: 965002976 (BLM Reference No. ESB000024) *N3700*
 Utah State Bond Number: ~~965003033~~
 Fee Land Bond Number: ~~965003033~~ } *965010695*
 BIA Bond Number: ~~799446~~ } *965010693*

The attached document is an all inclusive list of the wells operated by Questar Exploration and Production Company. As of June 14, 2010 QEP Energy Company assumes all rights, duties and obligations as operator of the properties as described on the list

NAME (PLEASE PRINT) <u>Morgan Anderson</u>	TITLE <u>Regulatory Affairs Analyst</u>
SIGNATURE <i>Morgan Anderson</i>	DATE <u>6/23/2010</u>

(This space for State use only)

RECEIVED
JUN 28 2010

DIV. OF OIL, GAS & MINING

(See Instructions on Reverse Side)

APPROVED 6/13/2009
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)
WHITE RIVER
effective June 14, 2010

well_name	sec	tpw	rng	api	entity	mineral lease	type	stat	C
WR 16-9	09	080S	220E	4304715081	4915	Federal	OW	S	
WRU EIH 15-35-8-22	35	080S	220E	4304733061	12528	Federal	GW	P	
WRU EIH 12W-35-8-22	35	080S	220E	4304733393	12528	Federal	GW	P	
WR 13W-3-8-22	03	080S	220E	4304733651	13544	Federal	GW	P	
OU GB 6W-9-8-22	09	080S	220E	4304734010	13545	Federal	GW	P	
WRU EIH 4W-35-8-22	35	080S	220E	4304734042	12528	Federal	GW	P	
WRU EIH 3W-35-8-22	35	080S	220E	4304734044	12528	Federal	GW	P	
WRU GB 4WRG-9-8-22	09	080S	220E	4304734208	4915	Federal	OW	P	
WRU EIH 13WX-35-8-22	35	080S	220E	4304734210	12528 13456	Federal	GW	P	
WRU EIH 5W-35-8-22	35	080S	220E	4304734572	12528	Federal	GW	P	
OU GB 14W-9-8-22	09	080S	220E	4304734649	13545	Federal	GW	P	
WRU GB 9MU-9-8-22	09	080S	220E	4304734650	13545	Federal	GW	P	
OU GB 10W-9-8-22	09	080S	220E	4304734651	13545	Federal	GW	P	
OU GB 15W-9-8-22	09	080S	220E	4304734678	13545	Federal	GW	P	
OU GB 16W-9-8-22	09	080S	220E	4304734679	13545	Federal	GW	P	
WRU EIH 6W-35-8-22	35	080S	220E	4304734684	12528 16723	Federal	GW	P	
GB 11ML-10-8-22	10	080S	220E	4304734691	14818	Federal	GW	P	
WRU EIH 11W-35-8-22	35	080S	220E	4304734708	12528	Federal	GW	P	
WRU GB 5M-9-8-22	09	080S	220E	4304734753	13545 14447	Federal	GW	S	
OU GB 12W-4-8-22	04	080S	220E	4304734762	13718	Federal	GW	P	
OU GB 12M-10-8-22	10	080S	220E	4304734769	13545	Federal	GW	P	
WRU EIH 14W-26-8-22	26	080S	220E	4304734835	12528	Federal	GW	TA	
WRU EIH 11MU-26-8-22	26	080S	220E	4304734836	12528 13713	Federal	GW	P	
WRU EIH 10W-35-8-22	35	080S	220E	4304735046	12528 15700	Federal	GW	P	
WRU EIH 9MU-26-8-22	26	080S	220E	4304735047	12528 14003	Federal	GW	P	
WRU EIH 15MU-26-8-22	26	080S	220E	4304735048	12528	Federal	GW	P	
WRU EIH 1MU-35-8-22	35	080S	220E	4304735049	12528	Federal	GW	P	
WRU EIH 9M-35-8-22	35	080S	220E	4304735050	12528 14005	Federal	GW	P	
WRU EIH 7MU-35-8-22	35	080S	220E	4304735051	12528 14106	Federal	GW	P	
WRU EIH 1MU-26-8-22	26	080S	220E	4304735118	12528 14349	Federal	GW	P	
WRU EIH 7MU-26-8-22	26	080S	220E	4304735119	12528 14102	Federal	GW	P	
WRU EIH 10MU-26-8-22	26	080S	220E	4304735120	12528 14107	Federal	GW	P	
WRU EIH 15MU-35-8-22	35	080S	220E	4304735121	12528 14197	Federal	GW	P	
WRU EIH 10ML-23-8-22	23	080S	220E	4304735187	12528 14503	Federal	GW	P	
WRU EIH 9ML-23-8-22	23	080S	220E	4304735189	12528 14504	Federal	GW	S	

Bonds: BLM = ESB000024
BIA = 956010693
State = 965010695

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)
 WHITE RIVER
 effective June 14, 2010

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
WRU EIH 16MU-26-8-22	26	080S	220E	4304735191	12528	Federal	GW	P	
					14351				
WRU EIH 2MU-26-8-22	26	080S	220E	4304735192	12528	Federal	GW	P	
					14104				
WRU EIH 8MU-26-8-22	26	080S	220E	4304735193	12528	Federal	GW	P	
					14234				
WRU EIH 16MU-35-8-22	35	080S	220E	4304735194	12528	Federal	GW	P	
					14198				
WRU EIH 8MU-35-8-22	35	080S	220E	4304735195	12528	Federal	GW	P	
					17329				
WRU EIH 13MU-25-8-22	25	080S	220E	4304735329	12528	Federal	GW	P	
					14168				
WRU EIH 15ML-23-8-22	23	080S	220E	4304735387	12528	Federal	GW	S	
					14681				
WRU EIH 4MU-25-8-22	25	080S	220E	4304735388	12528	Federal	GW	P	
					14339				
WRU EIH 3MU-25-8-22	25	080S	220E	4304735389	12528	Federal	GW	P	
					14341				
WRU EIH 12ML-24-8-22	24	080S	220E	4304735425	12528	Federal	GW	P	
					14536				
WRU EIH 14ML-24-8-22	24	080S	220E	4304735426	12528	Federal	GW	P	
					14646				
WRU EIH 6MU-25-8-22	25	080S	220E	4304735431	12528	Federal	GW	P	
					14379				
WRU EIH 5MU-25-8-22	25	080S	220E	4304735432	12528	Federal	GW	P	
					14240				
WRU EIH 12MU-25-8-22	25	080S	220E	4304735601	12528	Federal	GW	P	
					14214				
WRU EIH 14MU-35-8-22	35	080S	220E	4304735667	12528	Federal	GW	P	
					14615				
WRU EIH 13ML-24-8-22	24	080S	220E	4304735793	12528	Federal	GW	S	
					14644				
WRU EIH 16ML-23-8-22	23	080S	220E	4304735804	12528	Federal	GW	P	
					14683				
WRU EIH 11ML-24-8-22	24	080S	220E	4304735805	12528	Federal	GW	P	
					14540				
WRU EIH 6B-ML-35-8-22	35	080S	220E	4304737299	12528	Federal	GW	P	
					15281				
WRU EIH 11BML-35-8-22	35	080S	220E	4304737300	12528	Federal	GW	P	
					15282				
WRU EIH 3D-ML-35-8-22	35	080S	220E	4304737465	12528	Federal	GW	P	
					15552				
WRU EIH 7D-ML-35-8-22	35	080S	220E	4304737466	12528	Federal	GW	P	
					15637				
WRU EIH 4AD-25-8-22	25	080S	220E	4304738636	12528	Federal	GW	P	
					16651				
WRU EIH 7AD-26-8-22	26	080S	220E	4304738637	12528	Federal	GW	P	
					16579				
WRU EIH 6DD-35-8-22	35	080S	220E	4304738640	12528	Federal	GW	P	
					16511				

Bonds: BLM = ESB000024
 BIA = 956010693
 State = 965010695

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)
WHITE RIVER
 effective June 14, 2010

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
WRU EIH 7AD-35-8-22	35	080S	220E	4304738641	16180	Federal	GW	P	
WRU EIH 14BD-35-8-22	35	080S	220E	4304738642	17143	Federal	GW	OPS	C
WRU EIH 9CD-26-8-22	26	080S	220E	4304738649	12528 16446	Federal	GW	P	
GB 1M-4-8-22R (RIGSKID)	04	080S	220E	4304738990	15879	Federal	GW	P	
WRU EIH 6D-5-8-23	05	080S	230E	4304738994	16415	Federal	GW	P	
WRU GB 13G-3-8-22	03	080S	220E	4304739792	4915	Federal	OW	P	
WRU GB 14G-4-8-22	04	080S	220E	4304740097	4915	Federal	OW	P	
GB 3D-4-8-22R(RIGSKID)	04	080S	220E	4304740345	17099	Federal	GW	P	



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155

<http://www.blm.gov/ut/st/en.html>



IN REPLY REFER TO:
3100
(UT-922)

JUL 28 2010

Memorandum

To: Vernal Field Office, Price Field Office, Moab Field Office

From: Chief, Branch of Minerals

Roger L. Bankert

Subject: Name Change Recognized

Attached is a copy of the Certificate of Name Change issued by the Texas Secretary of State and a decision letter recognizing the name change from the Eastern States Office. We have updated our records to reflect the name change in the attached list of leases.

The name change from **Questar Exploration and Production Company** into **QEP Energy Company** is effective June 8, 2010.

cc: MMS
UDOGM

RECEIVED

AUG 16 2010

DIV OF OIL, GAS & MINERAL