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

FORM 3
AMENDED REPORT ☑

APPLICATION FOR PERMIT TO DRILL	1. WELL NAME and NUMBER: Moon 2-20-4-2
2. TYPE OF WORK: DRILL NEW WELL ◉ REENTER P&A WELL ○ DEEPEN WELL ○	3. FIELD OR WILDCAT: UNDESIGNATED
4. TYPE OF WELL: Oil Well Coalbed Methane Well: NO	5. UNIT or COMMUNITIZATION AGREEMENT NAME
6. NAME OF OPERATOR: HARVEST (US) HOLDINGS, INC	7. OPERATOR PHONE: 281 899-5722
8. ADDRESS OF OPERATOR: 1177 Enclave Parkway, Houston, TX, 77077	9. OPERATOR E-MAIL: jmckee@harvestnr.com
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE): Fee 11. MINERAL OWNERSHIP: FEDERAL ○ INDIAN ○ STATE ○ FEE ◉	12. SURFACE OWNERSHIP: FEDERAL ○ INDIAN ○ STATE ○ FEE ◉
13. NAME OF SURFACE OWNER (if box 12 = 'fee'): Moon Ranch, LLC	14. SURFACE OWNER PHONE (if box 12 = 'fee')
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee'): P.O. Box 154, ,	16. SURFACE OWNER E-MAIL (if box 12 = 'fee')
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN') 18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS: YES ○ (Submit Commingling Application) NO ◉	19. SLANT: VERTICAL ◉ DIRECTIONAL ○ HORIZONTAL ○

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	624 FSL 1980 FWL	SESW	20	4.0 S	2.0 W	U
Top of Uppermost Producing Zone	624 FSL 1980 FWL	SESW	20	4.0 S	2.0 W	U
At Total Depth	624 FSL 1980 FWL	SESW	20	4.0 S	2.0 W	U

21. COUNTY: DUCHESNE	22. DISTANCE TO NEAREST LEASE LINE (Feet): 624	23. NUMBER OF ACRES IN DRILLING UNIT: 40
	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed): 1700	26. PROPOSED DEPTH: MD: 6600 TVD: 6600
27. ELEVATION - GROUND LEVEL: 5448	28. BOND NUMBER: B004657	29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE: Neil Moon Pond

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	☑ COMPLETE DRILLING PLAN
☑ AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	☐ FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
☐ DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	☑ TOPOGRAPHICAL MAP

NAME Terry Hoffman	TITLE Permitting Agent	PHONE 303 250-0619
SIGNATURE	DATE 12/29/2008	EMAIL tlhoffman@q.com

API NUMBER ASSIGNED	APPROVAL
43013500010000	Permit Manager

Proposed Hole, Casing, and Cement						
String	**Hole Size**	**Casing Size**	**Top (MD)**	**Bottom (MD)**		
Surf	12.25	8.625	0	600		
Pipe	**Grade**	**Length**	**Weight**			
	Grade J-55 ST&C	600	24.0			

Proposed Hole, Casing, and Cement						
String	**Hole Size**	**Casing Size**	**Top (MD)**	**Bottom (MD)**		
Prod	7.875	5.5	0	6600		
Pipe	**Grade**	**Length**	**Weight**			
	Grade J-55 LT&C	6600	15.5			

'API Well No:43013500010000'

MEMORANDUM OF SURFACE DAMAGE RELEASE

State of Utah)(
)(
County of Duchesne)(

For Ten Dollars ($10.00) and other adequate consideration, **Moon Ranch, LLC of P.O Box 154, Duchesne, Utah 84021-0154,** hereafter referred to as "Surface Owner has granted, a Surface Damage Release, to **Harvest (US) Holdings, Inc. of 1177 Enclave Parkway, Suite 300, Houston, Texas 77077,** hereafter referred to as "Harvest". dated **November 26, 2008**
for the purpose of drilling, and producing oil, gas, and other minerals, laying pipelines, building roads, tanks, power stations, telephone lines and other structures, and producing, saving, take care of, treating, transporting, and owning oil, gas, and other minerals, all on or from Oil & Gas Well on the following lands (the "Lands") in Duchesne County Utah:

Section 20 and Section 29, Township 4 South-Range 2 West, USM, Duchesne County.
See attached Plat for well locations:

Plat well #	Well Name	Location
2	Moon #2-29-4-2	Center Lot 3 (SENW) Section 29
4	Moon #4-29-4-2	Center NENW Section 29
6	Moon #2-20-4-2	Center SESW Section 20
8	Moon #4-20-4-2	Center NESW Section 20

The Surface Damage Release is effective as long thereafter as oil, gas, or other minerals are produced from the Lands, or other lands pooled with the Lands, according to and by the terms and provisions of the Lease(s) covering said Lands. This Memorandum is placed of record for the purpose of giving notice of the Surface Damage Release.

SURFACE OWNER:

Gordon Moon

Gordon Moon, Managing Member

ACKNOWLEDGEMENT

STATE OF Utah)
) :SS
COUNTY OF Duchesne)

BEFORE me, the undersigned, a Notary Public in and fore said County and State, on this 26 day of November, 2008, personally appeared **Gordon Moon, Managing Member of Moon Ranch, LLC,** me known to be the identical person(s) who executed the within and foregoing instrument, and acknowledged to me that they executed the same as a free and voluntary act and deed, for the uses and purposes therein set forth

Given under my hand and seal the day and year last above written.

Melanie Dawn Clegg
Notary Public

My Commission Expires: 1-30-2012

Notary Public
MELANIE DAWN CLEGG
Commission 4572734
My Commission Expires
January 30, 2012
State of Utah

HARVEST (US) HOLDINGS, INC.

MOON #2-20-4-2
SESW Section 20-T4S-R2W
Duchesne County, Utah

DRILLING PROGRAM

1. *GEOLOGIC SURFACE FORMATION*

Uinta formation of Upper Eocene Age

2. *ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS*

UINTAH	0' –	2,750'
GREEN RIVER		2,750'
TD		6,600'

3. *ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS*

Green River Formation (Oil) 2,750' – 6,600'

Fresh water may be encountered in the Uintah Formation, but would not be expected below about 350'.

4. *PROPOSED CASING PROGRAM*

a. Casing Design:

Size	Interval		Weight	Grade	Coupling	Design Factors		
	Top	Bottom				Burst	Collapse	Tension
Surface Casing 8-5/8" Hole Size 12-1/4"	0'	600'	24.0	J-55	STC	2,950 psi 9.96 SF	1,370 psi 5.23 SF	244,000 lbf 16.9 SF
Prod. Casing 5-1/2" Hole Size 7-7/8"	0'	6,600'	15.5	J-55	LTC	4,810 psi 2.29 SF	4,040 psi 1.92 SF	217,000 lbf 2.12 SF

Assumptions:
1) Surface casing Maximum Allowable Surface Pressure (MASP) = Fracture gradient - Gas gradient
2) Production casing MASP (production mode) = Pore pressure - gas gradient
3) All collapse calculations assume fully evacuated casing w/gas gradient
4) All tension calculations assume air weight

Fracture gradient at surface casing shoe =	13.0 ppg
Pore pressure at surface casing shoe =	8.33 ppg
Pore pressure at production casing shoe =	8.33 ppg
Gas gradient =	0.115 psi/ft

All casing shall be new or, if used, inspected and tested. Used casing shall meet or exceed API standards for new casing.

CONFIDENTIAL STATUS

All casing strings shall have a minimum of one (1) centralizer on each of the bottom three (3) joints.

b. Cementing Design:

Job	Fill	Description	Sacks / ft^3	OH Excess*	Weight (ppg)	Yield (ft^3/sk)
Surface casing	600'	Class G w/ 2% CaCl	276 / 322	30%	15.8	1.17
Prod. casing Lead	4,600'	Prem Lite II w/ 10% gel + 3% KCl	318 / 1036	30%	11.0	3.26
Prod. casing Tail	2,000'	50/50 Poz w/ 2% gel + 3% KCl	363 / 451	30%	14.3	1.24

*Actual volume pumped will be 15% over the caliper log.
-Compressive strength of lead cement: 1800 psi @ 24 hours, 2250 psi @ 72 hours.
-Compressive strength of tail cement: 2500 psi @ 24 hours

Waiting on Cement (WOC): A minimum of four (4) hours shall elapse prior to attempting any pressure testing of the BOP equipment which would subject the surface casing cement to pressure, and a minimum of six (6) hours shall elapse before drilling out the wiper plug, cement, or shoe is begun. WOC time shall be recorded in the Driller's Log. Compressive Strength shall be a minimum of 500 psi prior to drilling out.

The 8-5/8" surface casing shall, in all cases, be cemented back to surface. In the event that during the primary surface cementing operation, the cement does not circulate to surface, or if the cement level should fall back more than 8' from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.

The production casing cementing program shall be conducted as approved to protect and/or isolate all usable water zones, potentially productive zones, lost circulation zones, abnormally pressured zones, and any prospectively valuable deposits of minerals.

As a minimum, usable water zones shall be isolated and/or protected by having a cement top for the production casing at least 200' above the base of the usable water. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

Top plugs shall be used to reduce contamination of cement by displacement fluid. A bottom plug or other acceptable technique, such as a suitable pre-flush fluid, inner string cement method, etc., shall be utilized to help isolate the cement from contamination by the mud being displaced ahead of the cement slurry.

All casing strings below the conductor shall be pressure tested to 0.22 psi per foot of casing string length or to 1500 psi, whichever is greater, but not to exceed 70% of the minimum internal yield. If pressure declines more than 10% in 30 minutes, corrective action shall be taken.

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5. *TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS*

Depth	*Type*	*Weight*	*Vis*	*Water Loss*
0-3200'	*Water	8.33	27	N/C
3200-TD	Water	8.4	27	N/C

*or an air/mist system

From surface to ±3200 feet will be drilled with either fresh water or an air/mist system, depending on the drilling contractor's capabilities. From about 3200 feet, or in the case of the air/mist system when hole conditions dictate, to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCL substitute additive. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 ppg. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite, and if pressure conditions warrant, with barite.

6. *AUXILIARY SAFETY EQUIPMENT TO BE USED*

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

7. *MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL*

The Company's minimum specifications for pressure control equipment for a standard Green River well are as follows:

A 2000 psi WP hydraulic BOP stack consisting of two ram preventers (double or two singles) and either an annular preventer or a rotating head. If no annular preventer is used, ram blocks will be changed to match the outside diameter of casing and the stack will be retested prior to running any casing string.

Connections – All components on the stack and choke and kill lines shall have either flanged, studded, clamp hub or equivalent proprietary connections except control line outlets and pressure gauges.

Choke Manifold – The minimum equipment requirements are shown below. The choke manifold shall be located at least 5 feet from the BOP stack, outside the substructure.

Pressure Monitoring – A means of monitoring the inlet pressure of the choke manifold shall be provided. The capability to isolate this outlet shall be provided.

Drill String Control Devices – An upper and lower Kelly valve, drill string safety valve, including correct closing handle, and an inside BOP shall be provided. The safety valve and inside BOP shall have connections or crossovers to fit all tubulars with OD to allow adequate clearance for running in the hole. All drill string valves shall be rated to the required BOP working pressure.

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 (BLM) for equipment and testing requirements, procedures, etc., for a 2000 psi system, and individual components shall be operable as designed.

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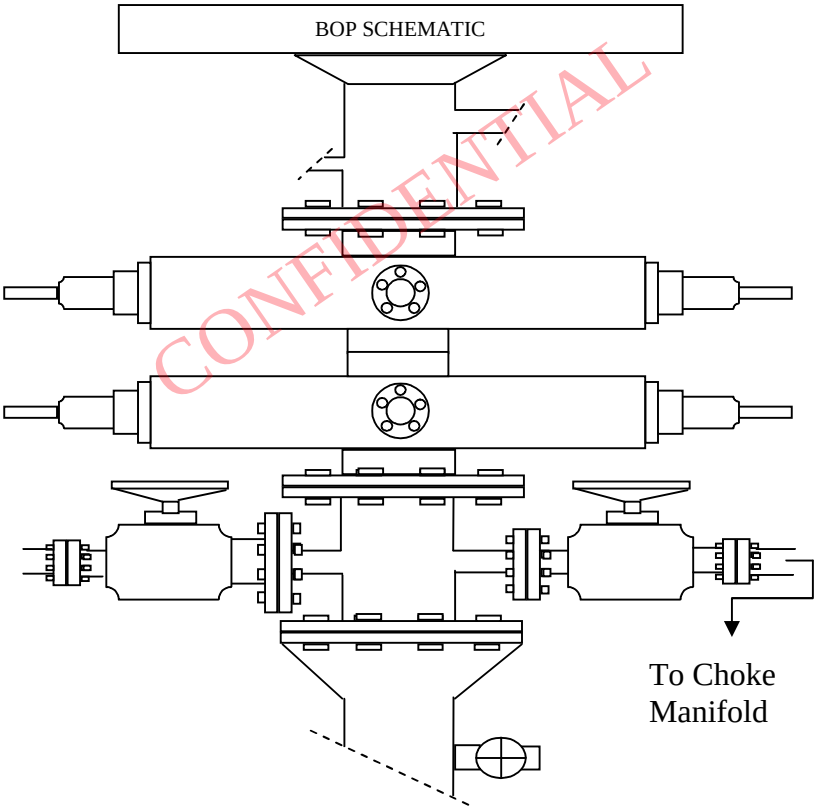
Function test of the BOP equipment shall be made daily. All required BOP tests and/or drills shall be recorded in the Daily report.

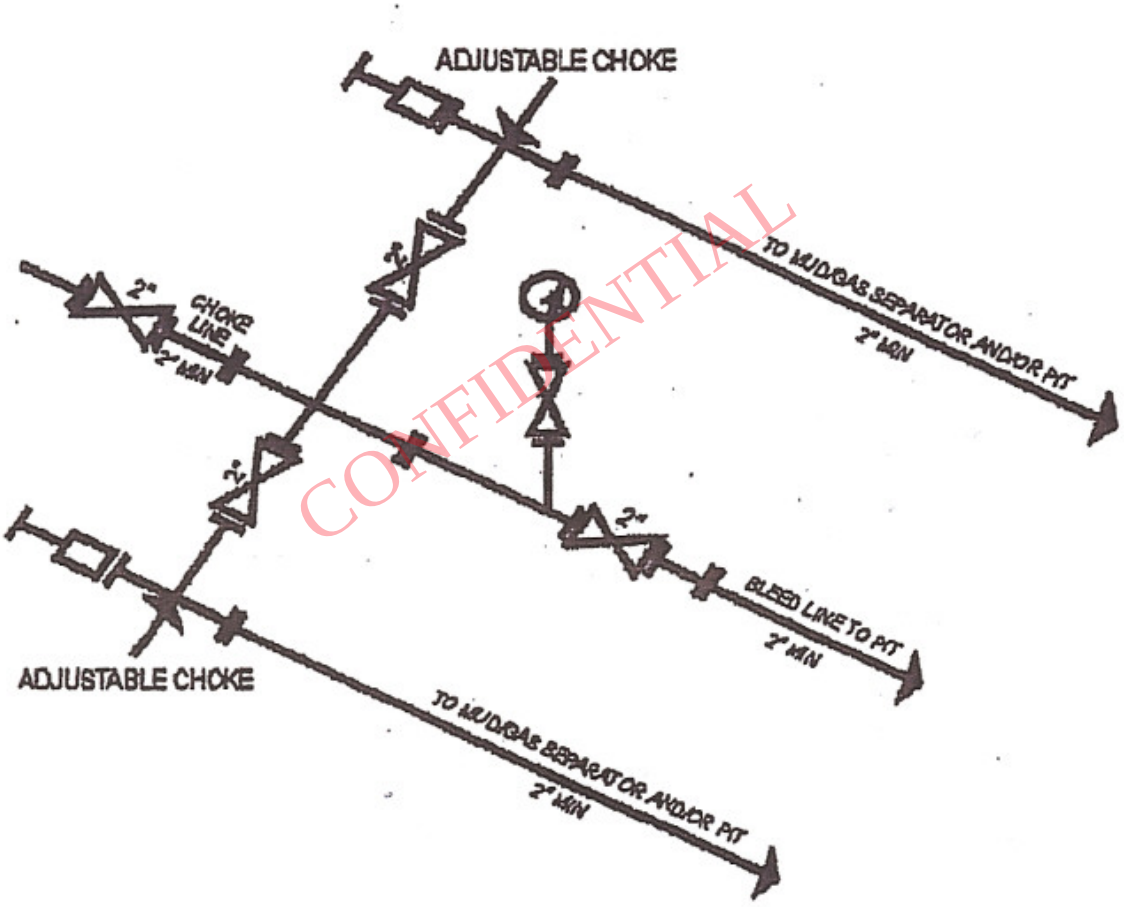
Chart recorders will be used for all pressure tests. Test charts, with individual test results identified, shall be maintained on location while drilling.



'APIWellNo:43013500010000'

CONFIDENTIAL STATUS

2000 psi Choke Manifold



'APIWellNo:43013500010000'

CONFIDENTIAL STATUS

8. *TESTING, LOGGING AND CORING PROGRAMS*

a. Logging Program:

FDC/CNL/GR/DLL: TD – 3,200'
CBL: A cement bond log will be run from TD to the cement top of the production casing.
Note: The log types run may change at the discretion of the geologist.

b. Cores: As deemed necessary

c. Drill Stem Tests: No DSTs are planned in the Green River

Drill stem tests, if they are run, will adhere to the following requirements: Initial opening of the drill stem test tools shall be restricted to daylight hours unless specific approval to start during other hours is obtained from the Authorized Officer (AO). However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vapor-proof for safe operations). Packers can be released, but tripping shall not begin before daylight, unless prior approval is obtained from the AO. Closed chamber DSTs may be performed day or night.

Some means of reverse circulation shall be provided in case of flow to the surface showing evidence of hydrocarbons.

Separation equipment required for the anticipated recovery shall be properly installed before a test starts.

If a DST is performed, all engines within 100 feet of the wellbore that are required to be operational during the test shall have spark arresters or water-cooled exhausts.

9. *ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE*

No abnormal pressures or temperatures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated bottom hole pressure will be fresh water gradient, i.e., 0.433 psi/foot of depth.

10. *ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:*

Anticipated Commencement Date:	Upon approval of the site specific APD
Drilling Days:	Approximately 7
Completion Days:	Approximately 10-14

'APIWellNo:43013500010000'

CONFIDENTIAL STATUS

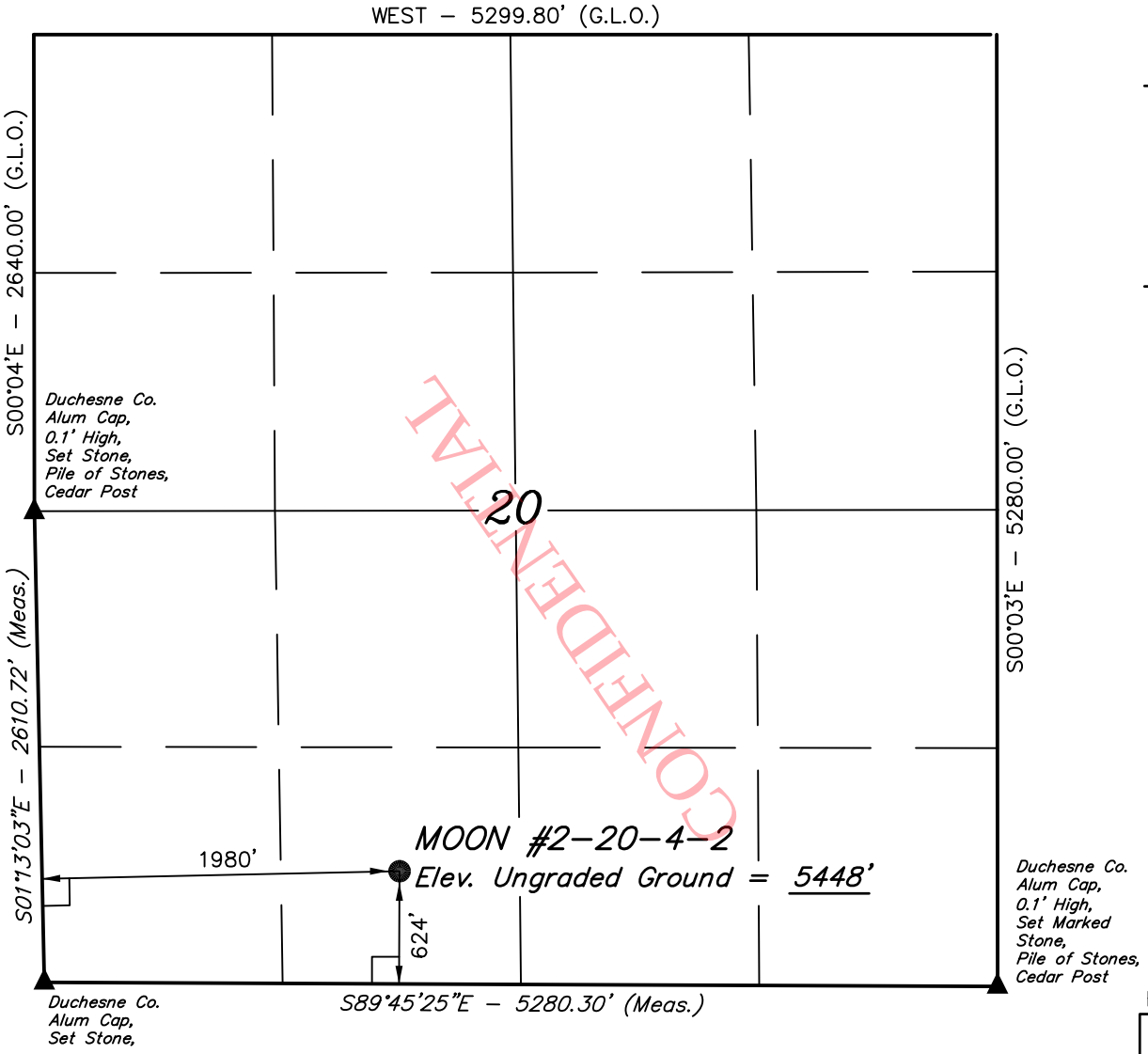
11. ***CONTACT INFORMATION:***

Rocky Mountain Permitting, LLC
Terry L. Hoffman/Permitting Agent
303.250.0619 Office/Cell
303.412.8212 Fax
tlhoffman@q.com

Please use the above mentioned contact for any questions or concerns regarding the Form 3 Application for Permit to Drill, Drilling Plan or scheduling the onsite inspection. If the above mentioned contact is not available you may reach the following person:

Harvest (US) Holding, Inc.
Joe Schmid
Uintah Drilling & Production Superintendent
435.725.1901 Office
832.794.6019 Cell
jschmidharvestnr.com

T4S, R2W, U.S.B.&M.



HARVEST (US) HOLDINGS, INC.

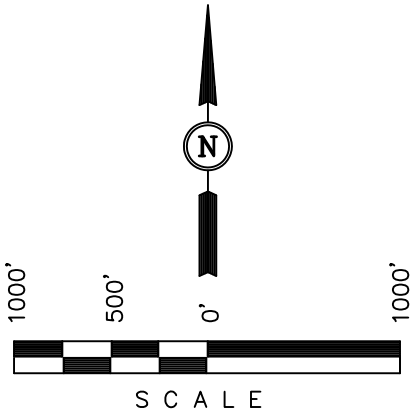
Well location, MOON #2-20-4-2, located as shown in the SE 1/4 SW 1/4 of Section 20, T4S, R2W, U.S.B.&M., Duchesne County, Utah.

BASIS OF ELEVATION

BENCH MARK U52 LOCATED IN THE SW 1/4 OF SECTION 29, T4S, R2W, U.S.B.&M. TAKEN FROM THE MYTON SW QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5508 FEET.

BASIS OF BEARINGS

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



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: 11-11-08

LEGEND:

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- = SECTION CORNERS LOCATED.

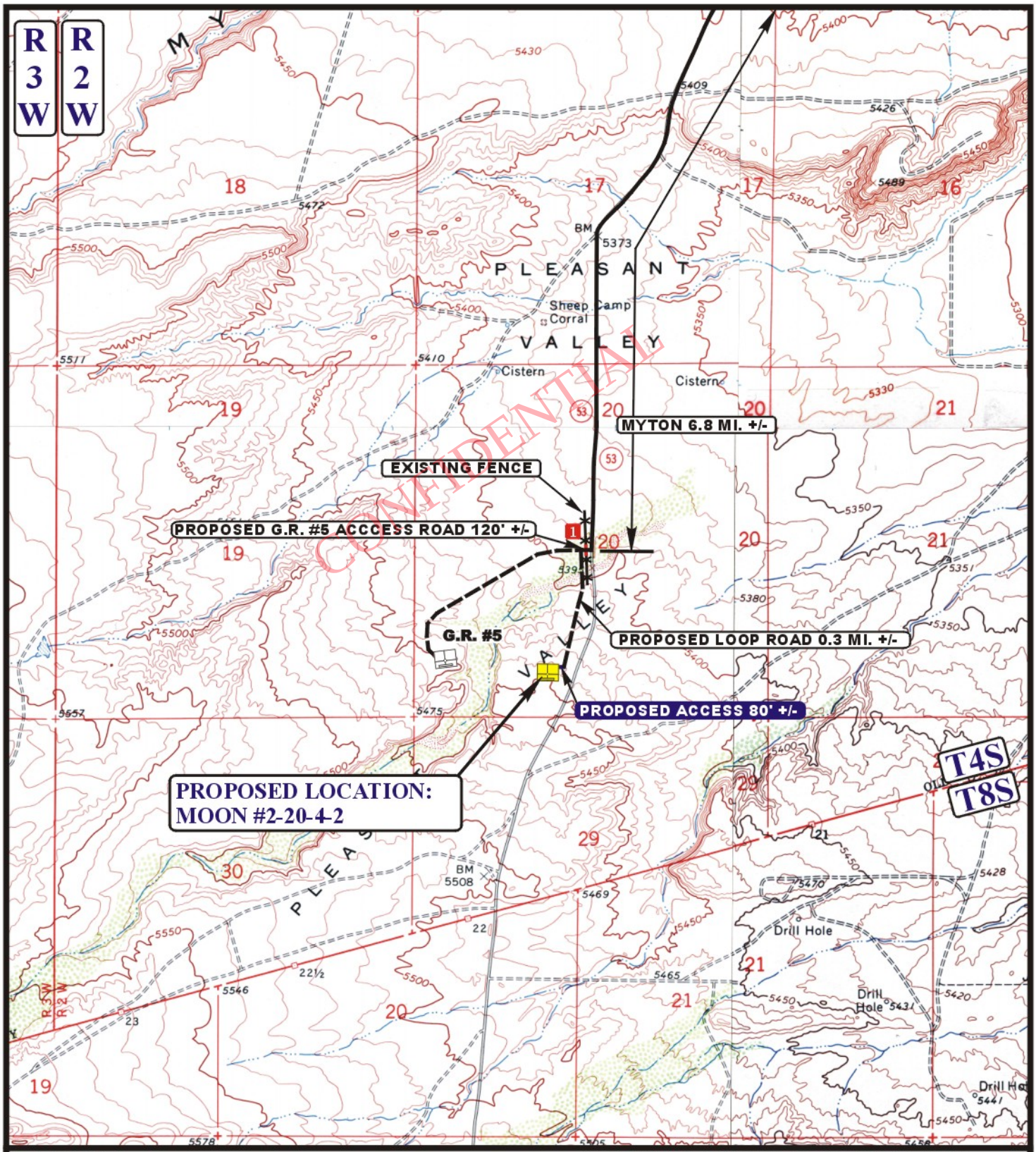
(NAD 83)
LATITUDE = 40°06'53.79" (40.114942)
LONGITUDE = 110°08'07.99" (110.135553)
(NAD 27)
LATITUDE = 40°06'53.93" (40.114981)
LONGITUDE = 110°08'05.44" (110.134844)

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

SCALE	DATE SURVEYED:	DATE DRAWN:
1" = 1000'	10-08-08	10-21-08
PARTY: B.B. K.D. L.K.	REFERENCES: G.L.O. PLAT	
WEATHER: COOL	FILE: HARVEST (US) HOLDINGS, INC.	

'API Well No: 43013500010000'

'APIWellNo:43013500010000'



LEGEND:

EXISTING ROAD
PROPOSED ACCESS ROAD
EXISTING FENCE
1 CATTLE GUARD REQUIRED

N

HARVEST (US) HOLDINGS, INC.

MOON #2-20-4-2
SECTION 20, T4S, R2W, U.S.B.&M.
624' FSL 1980' FWL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP | 10 MONTH | 20 DAY | 08 YEAR | B TOPO

SCALE: 1" = 2000' | DRAWN BY: J.H. | REVISED: 11-11-08

'APIWellNo:43013500010000'

December 4, 2008

Utah Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114-5801

RE: Designation of Agent

To Whom It May Concern:

By this letter, Harvest (US) Holdings, Inc. hereby authorizes Terry L. Hoffman with Rocky Mountain Permitting, LLC to act as Agent on behalf of Harvest (US) Holdings, Inc. within the State of Utah. Rocky Mountain Permitting, LLC is authorized to enter into agreements on behalf of Harvest (US) Holdings, Inc. with Federal, State and Local agencies and they shall have the ability to deliver and receive proprietary information for Harvest (US) Holdings, Inc.

If you have any questions or concerns, please feel free to contact myself Joe Schmid at 435.725.1901, or via email at jschmid@harvestnr.com.

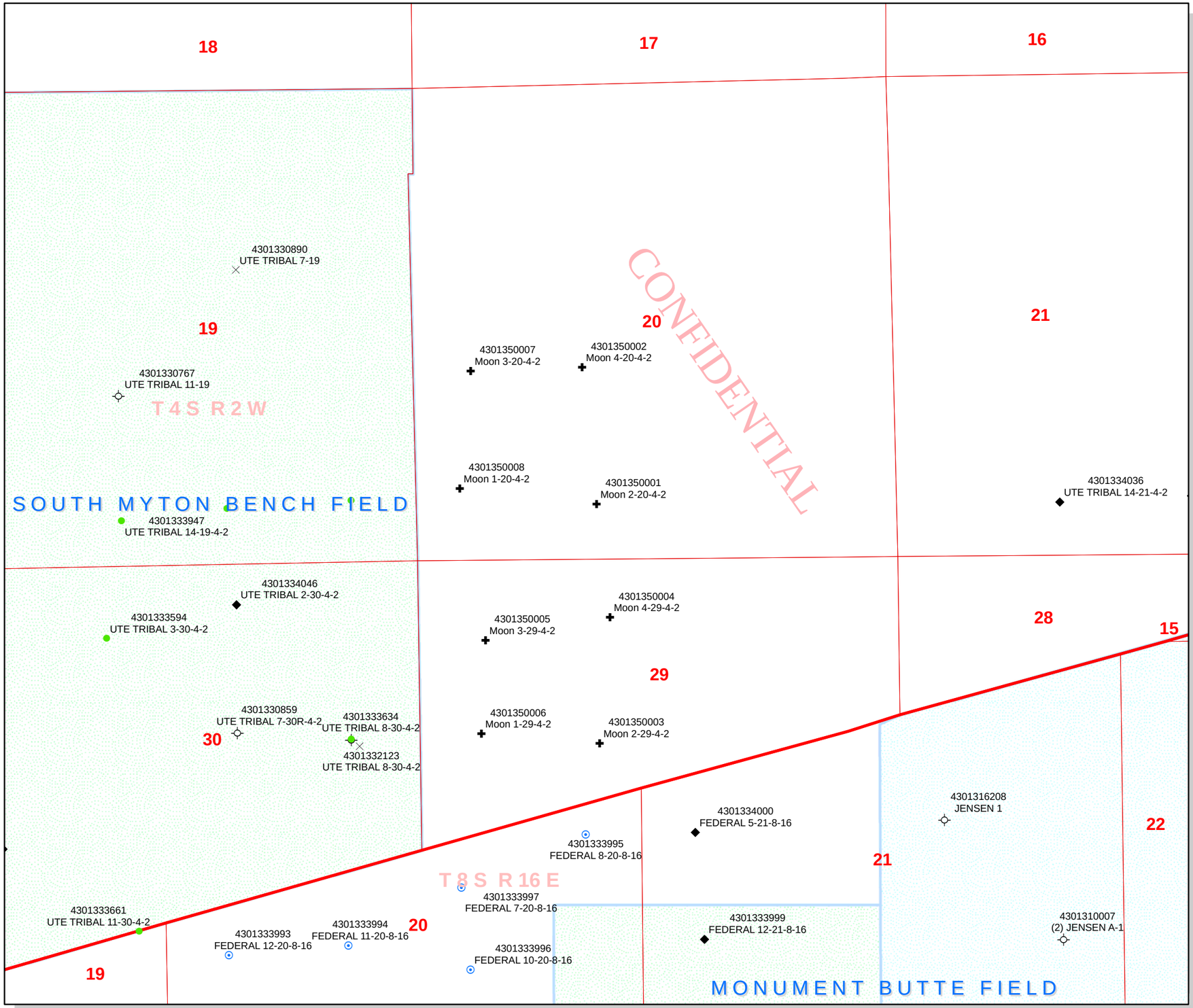
I thank you in advance for your cooperation.

Sincerely yours,

HARVEST (US) HOLDINGS, INC.

Joe Schmid
Uintah Drilling & Production Superintendant

cc: Joe Schmid
Rocky Mountain Permitting



API Number: 4301350001

Well Name: Moon 2-20-4-2

Township 04.0 S Range 02.0 W Section 20

Meridian: UBM

Operator: HARVEST (US) HOLDINGS, INC

Map Prepared:
Map Produced by Diana Mason

Units
STATUS
- ACTIVE
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Fields
STATUS
- ACTIVE
- COMBINED
- Sections
- Township

Wells Query Events
- <all other values>

GIS_STAT_TYPE
- <Null>
- APD
- DRL
- GI
- GS
- LA
- NEW
- OPS
- PA
- PGW
- POW
- RET
- SGW
- SOW
- TA
- TW
- WD
- WI
- WS

1,500 750 0 1,500 Feet

1:13,661

'APIWellNo:43013500010000'

BOPE REVIEW HARVEST (US) HOLDINGS, INC Moon 2-20-4-2 43013500010000

Well Name	HARVEST (US) HOLDINGS, INC Moon 2-20-4-2 43013500010000			
String	Surf	Prod		
Casing Size(")	8.625	5.500		
Setting Depth (TVD)	600	6600		
Previous Shoe Setting Depth (TVD)	0	600		
Max Mud Weight (ppg)	8.3	8.4		
BOPE Proposed (psi)	0	2000		
Casing Internal Yield (psi)	2950	4810		
Operators Max Anticipated Pressure (psi)	2858	8.3		

Calculations	Surf String	8.625	"
Max BPH (psi)	.052*Setting Depth*MW=	259	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	187	NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	127	NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	127	NO Reasonable depth, common in area, no expected pressures
Required Casing/BOPE Test Pressure=		600	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

Calculations	Prod String	5.500	"
Max BPH (psi)	.052*Setting Depth*MW=	2883	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	2091	NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	1431	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	1563	NO Reasonable, common in area, note max allowed pressure
Required Casing/BOPE Test Pressure=		2000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		600	psi *Assumes 1psi/ft frac gradient

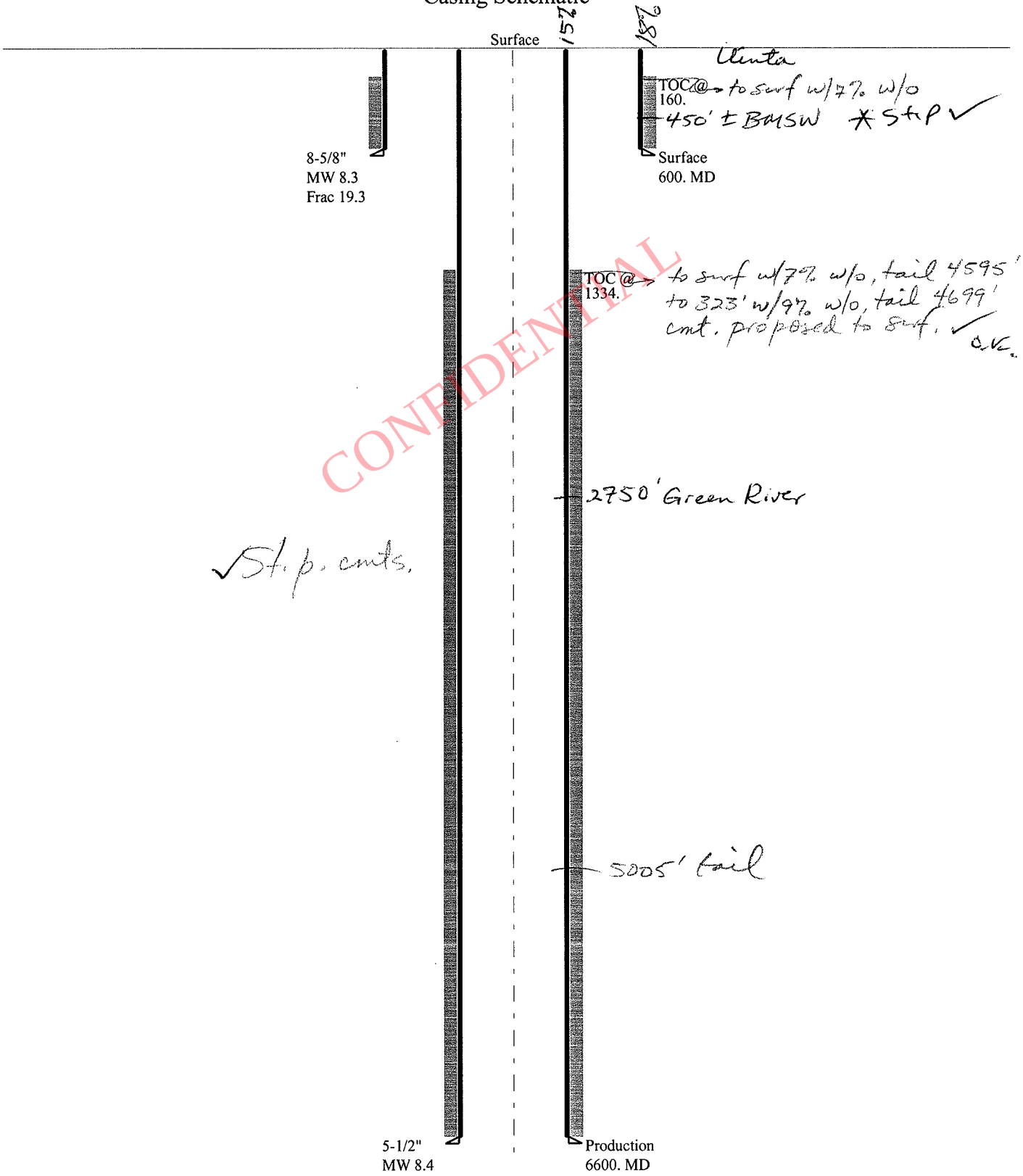
Calculations	String		"
Max BPH (psi)	.052*Setting Depth*MW=		
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO
Required Casing/BOPE Test Pressure=			psi
*Max Pressure Allowed @ Previous Casing Shoe=			psi *Assumes 1psi/ft frac gradient

Calculations	String		"
Max BPH (psi)	.052*Setting Depth*MW=		
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO
Required Casing/BOPE Test Pressure=			psi
*Max Pressure Allowed @ Previous Casing Shoe=			psi *Assumes 1psi/ft frac gradient

'APIWellNo:43013500010000'

43013500010000 Moon 2-20-4-2

Casing Schematic



'APIWellNo:43013500010000'

Well name:	**43013500010000 Moon 2-20-4-2**
Operator:	**HARVEST (US) HOLDINGS, INC**
String type:	Surface
Project ID:	43-013-50001
Location:	DUCHESNE COUNTY

Design parameters:

Collapse
Mud weight: 8.300 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 528 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 600 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.
Neutral point: 525 ft

Environment:
H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 82 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 160 ft

Non-directional string.

Re subsequent strings:
Next setting depth: 6,600 ft
Next mud weight: 8.400 ppg
Next setting BHP: 2,880 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 600 ft
Injection pressure: 600 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	600	8.625	24.00	J-55	ST&C	600	600	7.972	3089

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	259	1370	5.296	600	2950	4.92	14.4	244	16.94 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: March 3,2009
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 600 ft, a mud weight of 8.3 ppg The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

'APIWellNo:43013500010000'

Well name:	**43013500010000 Moon 2-20-4-2**
Operator:	**HARVEST (US) HOLDINGS, INC**
String type:	Production
Project ID:	43-013-50001
Location:	DUCHESNE COUNTY

Design parameters:

Collapse
Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 1,428 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 2,880 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.000

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Tension is based on air weight.
Neutral point: 5,761 ft

Environment:
H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 166 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 1,334 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	6600	5.5	15.50	J-55	LT&C	6600	6600	4.825	23304

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	2880	4040	1.403	2880	4810	1.67	102.3	217	2.12 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: February 10,2009
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 6600 ft, a mud weight of 8.4 ppg The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

ON-SITE PREDRILL EVALUATION
Utah Division of Oil, Gas and Mining

Operator	HARVEST (US) HOLDINGS, INC				
Well Name	Moon 2-20-4-2				
API Number	43013500010000	**APD No**	1236	**Field/Unit**	UNDESIGNATED
Location: 1/4,1/4	SESW **Sec** 20 **Tw** 4.0S **Rng** 2.0W	624	FSL	1980	FWL
GPS Coord (UTM)	573729 4440660	**Surface Owner**	Moon Ranch, LLC		

Participants

Floyd Bartlett (DOGM), Joseph Schmid (Harvest Holdings Drilling/ Production Superintendent) and Terry Hoffman (Rocky Mountain Permitting, LLC; Agent for Harvest Holdings. INC)

Regional/Local Setting & Topography

Amended APD (10-21-2009). Harvest (US) Holdings, INC has entered into an agreement with Newfield Production Company to Drill and operate this well. Newfield will complete the drilling using an open mud circulation system with a reserve pit. The Location Layout sheet is amended to include a reserve pit 40' x 80' x 8' deep located 34 feet south of the well-head. The pit will be lined with a 16-mil liner and a felt sub-liner as needed to cushion the liner.

The general area is approximately 7 road miles southwest of Myton, Duchesne County, UT in the middle Pleasant Valley Wash area. Pleasant Valley Wash is an ephemeral drainage, which joins Pariette Draw drainage. The drainage shows no signs of recent significant flows. Pariette Draw runs into the Green River approximately 6 miles downstream from Ouray, Utah and about 11 miles downstream from the location. The area is above the agricultural lands of Pleasant Valley. Broad flats intersected by swales with gentle to moderate side slopes characterize topography. Access is by State and County and planned oil field development roads. Approximately 80 feet of new construction extending from the proposed loop road across Moon's private land will be required to reach the location.

The proposed Moon 2-20-4-2 oil well location is immediately west of the Nine Mile Road. The area is relatively flat with a gentle slope to the northeast. A slight swale is located northwest of the proposed pad. No drainages intersect the location and no diversions are needed. A berm is planned around the edge of the pad. No springs, streams, seeps or ponds are known to exist in the immediate area. The selected site appears to be a good location for constructing a pad, drilling and operating a well.

Moon Ranches own the surface of the location. The minerals are also privately owned. Mr. Gordonl Moon was invited to the pre-site visit but was not able to attend. A signed landowner agreement exists.

Surface Use Plan

Current Surface Use
Grazing
Wildlfe Habitat

New Road Miles	Well Pad	Src Const Material	Surface Formation
0.02	**Width** 250 **Length** 315	Onsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

Vegetation on the area is a desert shrub type. Approximately 4 inches of snow covered most of the site. Identifiable vegetation included halogeton, horsebrush, cheatgrass, , Indian ricegrass, globe mallow, mat saltbrush, shadscale, curly mesquite, rabbit brush and spring annuals.

Antelope, deer, prairie dogs, small mammals and birds.

Soil Type and Characteristics

Deep sandy gravely loam.

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diverson Required? N

Berm Required? Y

Erosion Sedimentation Control Required? N

Paleo Survey Run? N **Paleo Potental Observed?** **Cultural Survey Run?** N **Cultural Resources?**

Reserve Pit

Site-Specific Factors		Site Ranking	
Distance to Groundwater (feet)	100 to 200	5	
Distance to Surface Water (feet)	>1000	0	
Dist. Nearest Municipal Well (ft)	>5280	0	
Distance to Other Wells (feet)	300 to 1320	10	
Native Soil Type	Mod permeability	10	
Fluid Type	Fresh Water	5	
Drill Cuttings	Normal Rock	0	
Annual Precipitation (inches)		0	
Affected Populations			
Presence Nearby Utility Conduits	Not Present	0	
	Final Score	30	1 Sensitivity Level

Characteristics / Requirements

Amended APD (10-21-2009). Harvest (US) Holdings, INC has entered into an agreement with Newfield Production Company to Drill and operate this well. Newfield will complete the drilling using an open mud circulation system with a reserve pit. The Location Layout sheet is amended to include a reserve pit 40' x 80' x 8' deep located 34 feet south of the well-head. The pit will be lined with a 16-mil liner and a felt sub-liner as needed to cushion the liner.

Closed Loop Mud Required? N **Liner Required?** Y **Liner Thickness** 16 **Pit Underlayment Required?**

Other Observations / Comments

Amended APD (10-21-2009).

Floyd Bartlett	1/15/2009
Evaluator	**Date / Time**

Application for Permit to Drill
Statement of Basis

Utah Division of Oil, Gas and Mining

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
1236	43013500010000	LOCKED	OW	P	No
Operator	HARVEST (US) HOLDINGS, INC		**Surface Owner-APD**	Moon Ranch, LLC	
Well Name	Moon 2-20-4-2		**Unit**		
Field	UNDESIGNATED		**Type of Work**	DRILL	
Location	SESW 20 4S 2W U 624 FSL 1980 FWL		GPS Coord (UTM)	573726E 4440661N	

Geologic Statement of Basis

Harvest proposes to set 300' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 450'. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the proposed location. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. Surface casing should be extended to cover the estimated base of the moderately saline ground water.

Brad Hill	1/22/2009
APD Evaluator	**Date / Time**

Surface Statement of Basis

The general area is approximately 7 road miles southwest of Myton, Duchesne County, UT in the middle Pleasant Valley Wash area. Pleasant Valley Wash is an ephemeral drainage, which joins Pariette Draw drainage. The drainage shows no signs of recent significant flows. Pariette Draw runs into the Green River approximately 6 miles downstream from Ouray, Utah and about 11 miles downstream from the location. The area is above the agricultural lands of Pleasant Valley. Broad flats intersected by swales with gentle to moderate side slopes characterize topography. Access is by State and County and planned oil field development roads. Approximately 80 feet of new construction extending from the proposed loop road across Moon's private land will be required to reach the location.

The proposed Moon 2-20-4-2 oil well location is immediately west of the Nine Mile Road. The area is relatively flat with a gentle slope to the northeast. A slight swale is located northwest of the proposed pad. No drainages intersect the location and no diversions are needed. A berm is planned around the edge of the pad. No springs, streams, seeps or ponds are known to exist in the immediate area. The selected site appears to be a good location for constructing a pad, drilling and operating a well.

Amended APD (10-21-2009). Harvest (US) Holdings, INC has entered into an agreement with Newfield Production Company to Drill and operate this well. Newfield will complete the drilling using an open mud circulation system with a reserve pit. The Location Layout sheet is amended to include a reserve pit 40' x 80' x 8' deep located 34 feet south of the well-head. The pit will be lined with a 16-mil liner and a felt sub-liner as needed to cushion the liner.

Moon Ranches own the surface of the location. The minerals are also privately owned. Mr. Gordonl Moon was invited to the pre-site visit but was not able to attend. A signed landowner agreement exists.

Floyd Bartlett	1/15/2009
Onsite Evaluator	**Date / Time**

Conditions of Approval / Application for Permit to Drill

Category	Condition

Application for Permit to Drill
Statement of Basis

Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner as needed shall be properly installed and maintained in the reserve pit.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/29/2008 **API NO. ASSIGNED:** 43013500010000

WELL NAME: Moon 2-20-4-2

OPERATOR: HARVEST (US) HOLDINGS, INC (N3520) **PHONE NUMBER:** 303 250-0619

CONTACT: Terry Hoffman

PROPOSED LOCATION: SESW 20 040S 020W **Permit Tech Review:** ☑

SURFACE: 0624 FSL 1980 FWL **Engineering Review:** ☑

BOTTOM: 0624 FSL 1980 FWL **Geology Review:** ☑

COUNTY: DUCHESNE

LATITUDE: 40.11492 **LONGITUDE:** -110.13486

UTM SURF EASTINGS: 573726.00 **NORTHINGS:** 4440661.00

FIELD NAME: UNDESIGNATED

LEASE TYPE: 4 - Fee

LEASE NUMBER: Fee **PROPOSED PRODUCING FORMATION(S):** GREEN RIVER

SURFACE OWNER: 4 - Fee **COALBED METHANE:** NO

RECEIVED AND/OR REVIEWED:

- ☑ **PLAT**
- ☑ **Bond:** STATE/FEE - B004657
- ☐ **Potash**
- ☐ **Oil Shale 190-5**
- ☐ **Oil Shale 190-3**
- ☐ **Oil Shale 190-13**
- ☑ **Water Permit:** Neil Moon Pond
- ☐ **RDCC Review:**
- ☑ **Fee Surface Agreement**
- ☐ **Intent to Commingle**

Commingling Approved

LOCATION AND SITING:

- ☐ **R649-2-3.**

Unit:

- ☐ **R649-3-2. General**
- ☐ **R649-3-3. Exception**
- ☑ **Drilling Unit**

Board Cause No: Cause 266-01

Effective Date: 5/5/2009

Siting: 460' fr drl u bdry & 920' fr other wells

- ☐ **R649-3-11. Directional Drill**

Comments: Presite Completed

Stipulations: 5 - Statement of Basis - bhill
25 - Surface Casing - hmacdonald

GARY R. HERBERT
Governor
GREGORY S. BELL
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

Permit To Drill

****

Well Name: Moon 2-20-4-2
API Well Number: 43013500010000
Lease Number: Fee
Surface Owner: FEE (PRIVATE)
Approval Date: 10/29/2009

Issued to:
HARVEST (US) HOLDINGS, INC, 1177 Enclave Parkway, Houston, TX 77077

Authority:
Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 266-01. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:
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

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.

Conditions of Approval:
Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Surface casing shall be cemented to the surface.

Additional Approvals:
The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this well:
- Any changes to the approved drilling plan – contact Dustin Doucet
- Significant plug back of the well – contact Dustin Doucet
- Plug and abandonment of the well – contact Dustin Doucet

Notification Requirements:
The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:
- Within 24 hours following the spudding of the well – contact Carol Daniels
  OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at https://oilgas.ogm.utah.gov
- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program – contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well – contact Dan Jarvis

Contact Information:
The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):
- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office
  801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office
  801-942-0871 - after office hours

Reporting Requirements:
All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:
- Entity Action Form (Form 6) – due within 5 days of spudding the well
- Monthly Status Report (Form 9) – due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) – due prior to implementation
- Written Notice of Emergency Changes (Form 9) – due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
- Report of Water Encountered (Form 7) – due within 30 days after completion
- Well Completion Report (Form 8) – due within 30 days after completion or plugging

Approved By:

For Gil Hunt
Associate Director, Oil & Gas

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2. CDW

X - Change of Operator (Well Sold) Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective: **10/30/2009**

FROM: (Old Operator):	**TO:** (New Operator):
N3520-Harvest (US) Holdings, Inc.	N2695-Newfield Production Company
1177 Enclave Pkwy, Suite 300	1001 17th St, Suite 2000
Houston, TX 77077	Denver, CO 80202
Phone: 1 (281) 899-5704	Phone: 1 (303) 893-0102

CA No. **Unit:**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	
Moon 2-20-4-2	20	040S	020W	4301350001		Fee	OW	APD	C
Moon 4-20-4-2	20	040S	020W	4301350002		Fee	OW	APD	C
Moon 2-29-4-2	29	040S	020W	4301350003		Fee	OW	APD	C
Moon 4-29-4-2	29	040S	020W	4301350004		Fee	OW	APD	C
Moon 3-29-4-2	29	040S	020W	4301350005		Fee	OW	APD	C
Moon 1-29-4-2	29	040S	020W	4301350006	99999	Fee	OW	DRL	C
Moon 3-20-4-2	20	040S	020W	4301350007		Fee	OW	APD	C
Moon 1-20-4-2	20	040S	020W	4301350008		Fee	OW	APD	C

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 11/2/2009
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 11/2/2009
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 11/9/2007

4a. Is the new operator registered in the State of Utah: yes Business Number: 755627-0143

4b. If **NO**, the operator was contacted contacted on:

5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE

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 n/a BIA n/a

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 11/5/2009
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 11/5/2009
3. Bond information entered in RBDMS on: 11/5/2009
4. Fee/State wells attached to bond in RBDMS on: 11/5/2009
5. Injection Projects to new operator in RBDMS on: n/a
6. Receipt of Acceptance of Drilling Procedures for APD/New on: 11/5/2009

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: n/a

2a. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number B001834

2b. The **FORMER** operator has requested a release of liability from their bond (n/a

The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** 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: 11/10/2009

COMMENTS:

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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.

5. LEASE DESIGNATION AND SERIAL NUMBER: FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ OTHER

8. WELL NAME and NUMBER: Moon 2-20-4-2

2. NAME OF OPERATOR: Newfield Production Company N2695

9. API NUMBER: 4301350001

3. ADDRESS OF OPERATOR: 1001 17th St. Suite 2000 CITY Denver STATE CO ZIP 80202

PHONE NUMBER: (303) 893-0102

10. FIELD AND POOL, OR WILDCAT: Wildcat

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 624 FSL 1980 FWL

COUNTY: Duchesne

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 20 4S 2W S

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Change of Operator
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

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

Change of Operator from Harvest (US) Holdings, Inc to Newfield Production Company (~~WYB000493~~) B001834 ER

Harvest (US) Holdings, Inc. N3520

Patrick R Oenbring

Printed Name: Patrick R. Oenbring
Title: VP - Western Operations

Date: 10/28/09

NAME (PLEASE PRINT) Kelly Donohoue TITLE Newfield Production Company, Land Lead

SIGNATURE Kelly Donohoue DATE 10/30/09

(This space for State use only)

APPROVED 11/05/2009

Earlene Russell

Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

(5/2000)

RECEIVED
NOV 02 2009
DIV. OF OIL, GAS & MINING

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

Request to Transfer Application or Permit to Drill

(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

Well name:	Moon 2-20-4-2
API number:	4301350001
Location:	Qtr-Qtr: SESW Section: 20 Township: 4S Range: 2W
Company that filed original application:	Harvest (US) Holdings, Inc
Date original permit was issued:	
Company that permit was issued to:	Harvest (US) Holdings, Inc

Check one	Desired Action:
✓	**Transfer pending (unapproved) Application for Permit to Drill to new operator**
	The undersigned as owner with legal rights to drill on the property, hereby verifies that the information as submitted in the pending Application for Permit to Drill, remains valid and does not require revision. The new owner of the application accepts and agrees to the information and procedures as stated in the application.
	Transfer approved Application for Permit to Drill to new operator
	The undersigned as owner with legal rights to drill on the property as permitted, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.	Yes	No
If located on private land, has the ownership changed?		✓
If so, has the surface agreement been updated?		✓
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?		✓
Have there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?		✓
Have there been any changes to the access route including ownership or right-of-way, which could affect the proposed location?		✓
Has the approved source of water for drilling changed?		✓
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?		✓
Is bonding still in place, which covers this proposed well? Bond No. ~~B004657~~ 1834-ee	✓	

Any desired or necessary changes to either a pending or approved Application for Permit to Drill that is being transferred, should be filed on a Sundry Notice, Form 9, or amended Application for Permit to Drill, Form 3, as appropriate, with necessary supporting information as required.

Name (please print) Kelly Donohoue Title Newfield Production Company, Land Lead

Signature KDonohoue Date 10/30/09

Representing (company name) Newfield Production Company

The person signing this form must have legal authority to represent the company or individual(s) to be listed as the new operator on the Application for Permit to Drill.

(3/2004)

RECEIVED
NOV 02 2009
DIV. OF OIL, GAS & MINING

CONFIDENTIAL

Spud

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Ross # 21 Submitted By Jim Smith Phone Number 823-2072
Well Name/Number Moon 2-20-4-2
Qtr/Qtr SE/SW Section 20 Township 4S Range 2W
Lease Serial Number FEE
API Number 43-013-50001

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 1/11/10 8:00 AM ☒ PM ☐

Casing – Please report time casing run starts, not cementing times.

☒ Surface Casing
☐ Intermediate Casing
☐ Production Casing
☐ Liner
☐ Other

Date/Time 1/11/10 4:00 AM ☐ PM ☒

BOPE

☐ Initial BOPE test at surface casing point
☐ BOPE test at intermediate casing point
☐ 30 day BOPE test
☐ Other

Date/Time _____ _____ AM ☐ PM ☐

Remarks _____

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM -FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTON, UT 84052

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999	17468	4304739734	UTE TRIBAL 3-1-5-1E	NWNE	1	5S	1E	UINTAH	1/13/2010	1/28/10

WELL 1 COMMENTS: GRRV BHL= NENW

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999	17469	4301350162	UTE TRIBAL 1-26-4-3	NENE	26	4S	3E	DUCHESNE	1/13/2010	1/28/10

GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE
A	99999	17470	4301350001	MOON 2-20-4-2	SESW	20	4S	2W	DUCHESNE	1/11/2010	1/28/10

GRRV

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NENE

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999	17471	4301334211	UTE TRIBAL 1-30-4-2	NWNE	30	4S	2W	DUCHESNE	1/22/2010	1/28/10

GRRV

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
B	99999	17400 ✓	4301333812	JONAH FEDERAL M-14-9-16	SENW	14	9S	16E	DUCHESNE	1/14/2010	1/28/10

WELL 5 COMMENTS: GRRV BHL NWSE

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
B	99999	17400 ✓	4301334083	JONAH FEDERAL G-14-9-16	NENW	14	9S	16E	DUCHESNE	1/18/2010	1/28/10

WELL 5 COMMENTS: GRRV BHL= NENW

ACTION CODES (See instructions on back of form)
A - new entity for new well (single well only)
B - well to existing entity (group or unit well)
C - from one existing entity to another existing entity
D - 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

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DIV. OF OIL, GAS & MINING

Signature: Jentri Park
Production Clerk
01/22/10
Date

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

SUNDRY NOTICES AND REPORTS ON WELLS

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.

5. LEASE DESIGNATION AND SERIAL NUMBER: MON BUTTE EDA 20G0005609
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME:
8. WELL NAME and NUMBER: MOON 2-20-4-2
9. API NUMBER: 4301350001
10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE

1. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

4. LOCATION OF WELL:
FOOTAGES AT SURFACE:
COUNTY: DUCHESNE
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SESW, 20, T4S, R2W
STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
[ ] NOTICE OF INTENT (Submit in Duplicate)	[ ] ACIDIZE	[ ] DEEPEN	[ ] REPERFORATE CURRENT FORMATION
Approximate date work will	[ ] ALTER CASING	[ ] FRACTURE TREAT	[ ] SIDETRACK TO REPAIR WELL
	[ ] CASING REPAIR	[ ] NEW CONSTRUCTION	[ ] TEMPORARITLY ABANDON
	[ ] CHANGE TO PREVIOUS PLANS	[ ] OPERATOR CHANGE	[ ] TUBING REPAIR
	[ ] CHANGE TUBING	[ ] PLUG AND ABANDON	[ ] VENT OR FLAIR
[X] SUBSEQUENT REPORT (Submit Original Form Only)	[ ] CHANGE WELL NAME	[ ] PLUG BACK	[ ] WATER DISPOSAL
Date of Work Completion:	[ ] CHANGE WELL STATUS	[ ] PRODUCTION (START/STOP)	[ ] WATER SHUT-OFF
01/18/2010	[ ] COMMINGLE PRODUCING FORMATIONS	[ ] RECLAMATION OF WELL SITE	[X] OTHER: - Spud Notice
	[ ] CONVERT WELL TYPE	[ ] RECOMPLETE - DIFFERENT FORMATION	

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

On 1/11/2010 MIRU Ross # 21. Spud well @ 9:00 AM. Drill 625' of 12 1/4" hole with air mist. TIH W/ 14 Jt's 8 5/8" J-55 24 # csgn. Set @ 630.35 KB. On 1/18/2010 cement with 330 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 17 bbls cement to pit. WOC.

NAME (PLEASE PRINT) Ryan Crum TITLE Drilling Foreman

SIGNATURE Ryan Crum DATE 01/18/2010

(This space for State use only)

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NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8" CASING SET AT **630.35**

LAST CASING **8 5/8"** SET AT **630.35**
DATUM **12**
DATUM TO CUT OFF CASING **12**
DATUM TO BRADENHEAD FLANGE **12**
TD DRILLER **625** LOGGER
HOLE SIZE **12 1/4"**

OPERATOR **Newfield Exploration Company**
WELL **MOON 2-20-4-2**
FIELD/PROSPECT **Mon. Butte**
CONTRACTOR & RIG # **Ross Rig #21**

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
1		Well Head				A	0.95
14	8 5/8"	ST&C (Shoe Joint 44.54)	24	J-55	STC	A	618.5
1		Guide Shoe				A	0.9

CASING INVENTORY BAL.	FEET	JTS
TOTAL LENGTH OF STRING	620.35	14
LESS NON CSG. ITEMS	1.85	
PLUS FULL JTS. LEFT OUT	0	
TOTAL	618.5	14
TOTAL CSG. DEL. (W/O THRDS)	618.5	14
TIMING		
BEGIN RUN CSG. Spud	9:00 AM	1/11/2010
CSG. IN HOLE	5:00 AM	1/11/2010
BEGIN CIRC	7:50 AM	1/18/2010
BEGIN PUMP CMT	8:05 AM	1/18/2010
BEGIN DSPL. CMT	8:20 AM	1/18/2010
PLUG DOWN	**8:30 AM**	**1/18/2010**

TOTAL LENGTH OF STRING	620.35
LESS CUT OFF PIECE	2
PLUS DATUM TO T/CUT OFF CSG	12
CASING SET DEPTH	**630.35**

} COMPARE

GOOD CIRC THRU JOB Yes
Bbls CMT CIRC TO SURFACE 17
RECIPROCATED PIPI No

BUMPED PLUG TO 406

CEMENT USED		CEMENT COMPANY- **BJ Services**
STAGE	# SX	CEMENT TYPE & ADDITIVES
1	330	Class " G " + 2% CaCL @ 15.8ppg +.25#Sk Celloflake W/1.17yield

CENTRALIZER & SCRATCHER PLACEMENT	SHOW MAKE & SPACING
Middle First, top of second and third for a total of three	

COMPANY REPRESENTATIVE **Ryan Crum** DATE **1/18/2010**

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

SUNDRY NOTICES AND REPORTS ON WELLS

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5. LEASE DESIGNATION AND SERIAL NUMBER: MON BUTTE EDA 20G0005609

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER

8. WELL NAME and NUMBER: MOON 2-20-4-2

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 4301350001

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER: 435.646.3721

10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL:

FOOTAGES AT SURFACE:

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SESW, 20, T4S, R2W

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
[ ] NOTICE OF INTENT (Submit in Duplicate)	[ ] ACIDIZE	[ ] DEEPEN	[ ] REPERFORATE CURRENT FORMATION
Approximate date work will	[ ] ALTER CASING	[ ] FRACTURE TREAT	[ ] SIDETRACK TO REPAIR WELL
	[ ] CASING REPAIR	[ ] NEW CONSTRUCTION	[ ] TEMPORARITLY ABANDON
	[ ] CHANGE TO PREVIOUS PLANS	[ ] OPERATOR CHANGE	[ ] TUBING REPAIR
	[ ] CHANGE TUBING	[ ] PLUG AND ABANDON	[ ] VENT OR FLAIR
[X] SUBSEQUENT REPORT (Submit Original Form Only)	[ ] CHANGE WELL NAME	[ ] PLUG BACK	[ ] WATER DISPOSAL
Date of Work Completion:	[ ] CHANGE WELL STATUS	[ ] PRODUCTION (START/STOP)	[ ] WATER SHUT-OFF
	[ ] COMMINGLE PRODUCING FORMATIONS	[ ] RECLAMATION OF WELL SITE	[X] OTHER: - Weekly Status Report
02/19/2010	[ ] CONVERT WELL TYPE	[ ] RECOMPLETE - DIFFERENT FORMATION	

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

The above subject well was completed on 02-19-10, attached is a daily completion status report.

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FEB 24 2010
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NAME (PLEASE PRINT) Lucy Chavez-Naupoto TITLE Administrative Assistant

SIGNATURE [signature] DATE 02/22/2010

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Daily Activity Report

RECEIVED
FEB 2 4 2010
DIV. OF OIL, GAS & MINING

Format For Sundry
MOON 2-20-4-2
12/1/2009 To 4/28/2010

2/8/2010 Day: 1 **Completion**

Rigless on 2/8/2010 - Run CBL & shoot first stage. - Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6727' cement top @ 80'. Perforate stage #1. CP.5 sds @ 6291-94', CP1 sds @ 6325-29' & CP3 sds @ 6407-11' w/ 3 1/8" port plug guns (11 gram, .36" EH, 120°, 16.82" pen, PPG-3111-301 Titan) w/ 3 spf for total of 33 shots. 161 BWTR. SWIFN.
Daily Cost: $0
Cumulative Cost: $12,264

2/11/2010 Day: 2 **Completion**

Rigless on 2/11/2010 - Frac well. Flow well back. - Stage #2: LODC sds. RU PSI WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" (6K) composite solid plug & 4', 2',2',3',2',2',2',2' perf guns. Set plug @ 6080'. Perforate LODC sds @ 5976-80', 5948-50', 5890-92', 5855-58', 5843-45', 5830-32',A3 sds @ 5807-09', A1 sds @ 5750-52' w/ 3-1/8" Disposable Guns (16 gram, .34"EH, 21"pen, 120°) w/ 3 spf for total of 57 shots. RU BJ ball launcher. RU BJ & open well w/ 670 psi on casing. Perfs broke down @ 1979 psi @ 3 bpm w/ 3 bbls, back to 1517 psi. ISIP was 1256 w/ .65FG. 1 min was 995. 4 min was 630 psi. Pump 30 gals of Techni Hib chemical @ 4% by volume. Pump 36 bbls 15% HCL acid w/ 140 bio balls starting after 5 bbls acid. Flush w/ 152 bbls @ 22 bpm @ 1903 psi. 2717 psi @ 22 bpm when balls started w/ 10 bbls on. Ball action started slow @ 10 bbls on then @ 20 bbls acid on pressure jumped & kicked out (balled out). Went right back into pumping @ 8.2 bpm @ 2006 psi. ISIP was 1673 w/ .72FG. 5 min was 1456. 10 min was 1310. 15 min was 1243. Surge ball off. Take ball launcher out. Wait 45 minutes. Frac w/ 440,878#'s of sand in 3203 bbls of Lightning 17 frac fluid. Step snd 2.5# to 4# to 5# to 6# to 7# to 8# ppg of sand. Treated @ ave pressure of 3287 w/ ave rate of 60bpm @ 8 ppg of sand. Pump 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2310 w/ .83FG . 5 min was 2220. 10 min was 2131. 15 min was 2062. Leave pressure on well. 3837 Bbls EWTR. - Stage #1: CP3/1/.5 sds. RU BJ Services "Ram Head" frac flange. RU BJ & open well w/ 34 psi on casing. Perfs broke down @ 3304 psi @ bpm w/ 4 bbls fluid, back to 2580 psi. ISIP was 2305 w/ .80FG. 1 min was 2025. 4 min was 1866. Pump 6 bbls of 15% HCL acid. Pump 30 gals of Techni Hib chemical @ 4% by volume. Frac w/ 39,904#'s of 20/40 sand in 473 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 3079 w/ ave rate of 35 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2603 w/ .84FG. 5 min was 2436. 10 min ws 2379. 15 min was 2313. Leave pressure on well. 634 Bbls EWTR. - Stage #3: RU WLT. RIH w/ frac plug (flow through) & 5' perf gun. Set plug @ '. Perforate B.5 sds @ 5557-62' w/ 3 spf for total of 15 shots. RU BJ & open well w/ 1739 psi on casing. Perfs broke down @ 3524 psi, back to 2227 psi w/ 3 bpm. ISIP was 1956 w/ .79FG. Pressure to low. Frac w/ 24,661#'s of 20/40 sand in 377 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2726 @ ave rate of 25 bpm w/ 6 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2176 w/ .83FG. 5 min was 1866. 10 min was 1787. 15 min was 1759. Leave pressure on well. 4214 Bbls EWTR. - - Stage #4: RU WLT. RIH w/ frac plug & 4', 3' perf guns. Set plug @ 5320'. Perforate DS2 sds @ 5216-20', PB8 sds @ 5048-51' w/ 3 spf for total of 21 shots. RU BJ & open well w/ 1578 psi on casing. Perfs broke down @ 3054 psi, back to 1661 psi w/ 3 bpm. Pressure to low to rec'd ISIP. Frac w/ 47,974#'s of 20/40 sand in 463 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2796 @ ave rate of 35 bpm w/ 8 ppg of sand. ISIP was 2942 w/ 1.0FG. 5 min was 2596. 10 min was 2366. 15 min was 2233. 4677 Bbls EWTR. RD BJ & WLT. Flow well back,

Well flowed for 6 hours & turned to oil w/ 80 psi on casing. 15 min was 325 psi. SIFN w/ 3214 bbls EWTR.
Daily Cost: $0
Cumulative Cost: $149,242

2/12/2010 Day: 3 **Completion**

Rigless on 2/12/2010 - MIRUSU NC #2. Wireline kill plug. PU tbg to drill out plugs. - MIRUSU NC #2. RU PSI wireline services. Wait on hot oiler to thaw wellhead & BOP. RIH w/ wireline set CBP kill plug. Set plug @ 5000'. POOH w/ wireline. RD wireline. ND BOP. Break out frac head. MU wellhead flange. NU BOP. Remove thread protectors & tally tbg. TIH picking up tbg. PU 159 jts 2 7/8" J-55 tbg. Tag CBP. RU power swivel. RU rig pump. Catch circulation. Drill out CBP. Continue pu 10 jts tbg. Tag CBP @ 5320'. Circulate clean. SDFW
Daily Cost: $0
Cumulative Cost: $158,424

2/16/2010 Day: 4 **Completion**

NC #2 on 2/16/2010 - Drill out plugs. Clean out to PBTD. Swab well - Hot oiler had thawed BOP & TIW valve. Check pressure. TBG 450 psi. CSG 725 psi. Open cxsg up to flow line. Pump oil off w/ 120 bw. Pick up 3 jts tbg. Tag CBP. RU power swivel. Drll out CBP @ 5320'. Continue PU tbg. Tag CBP @ 5660'. No sand. Drill out plug. Continue PU tbg. Tag sand @ 6020'. 60' sand. Clean out sand to CBP @ 6080'. Drill out plug. Continue PU tbg. Tag sand @ 6675'. 92' sand. Clean out sand to PBTD @ 6767'. Circulate clean. LD 1 jt tbg. MU wash stand & stand back. RU swab equipment. RIH w/ swab. IFL @ surface. TBG was flowing wtr w/ RIH w/ swab. Make 2 swab runs. Oil saver pack off head started letting fluid blow by. LD lubricator to make repairs. PU lubricator &^ make 2 additional swab runs w/ tbg still flowing wtr. Recovered 50 bw. EFL @ surface. SDFN
Daily Cost: $0
Cumulative Cost: $167,989

2/17/2010 Day: 5 **Completion**

NC #2 on 2/17/2010 - swab well. Flow well. - Hot oiler had thawed BOP & tbg. Check pressure. TBG 200 psi. CSG 400 psi. Bleed off tbg. RIH w/ swab. Make 5 swab runs to recover 52 bbls wtr & oil (approx 10% oil cut). Well began to flow. Open well to flat tank. Flow well for 1 hr @ 3 bpm to recover 180 bbls wtr & oil mix (appox 15% oil cut). Sample had lot of sand. Continue to flow to flat tank checking every hour for sand. Flowed well for 6 hrs to recover 760 bbls wtr & oil (last sample 50% oil cut & still lots of sand). Ran out of tank room. Wait on hot oiler to heat & transfer. SDFN
Daily Cost: $0
Cumulative Cost: $176,819

2/18/2010 Day: 6 **Completion**

NC #2 on 2/18/2010 - Flow well until clean of sand. TIH w/ tbg to tag sand. Clean out to pbtd. TOOH w/ tbg - Hot oiler had thawed BOP & tbg. Check pressure. TBG 800 psi. CSG 750 psi. Open well to flat tank w/ 20/64 choke. Flow well for 1 hour. Check for sand. Still bringing sand. Continue to flow for additional hour. Check for sand. Trace of sand. RU hot oiler. Pump 60 bbls 10# brine wtr @ 150°. TBG standing dead. TIH w/ 3 jts tbg to tag fill. Tag sand @ 6737'. 30' fill. Clean out to pbtd. Circulate well clean w/ 145 bbls brine wtr. TBG standing dead. CSG still venting gas w/ oil & wtr mix. TOOH w/ tbg. Get out of hole w/ 160 jts tbg. Well

started to blow oil from tbg & csg. Shut down for rod handling training.
Daily Cost: $0
Cumulative Cost: $221,019

2/19/2010 Day: 7 **Completion**

NC #2 on 2/19/2010 - Kill well. Continue TOOH tbg. TIH w/ tbg detail. PU rod string. PWOP - Hot Oiler had thawed BOP & TIW. Check pressure. CSG 500 psi. TBG 500 psi. Open well to flat tank. Kill well w/ 190 bbls 10# brine wtr. Continue TOOH w/ remaining 43 jts tbg. Get out of hole w/ tbg. LD bit & bit sub. MU btm hole assembly. TIH w/ tbg detail as follows. NC, 2 jts 2 7/8" J-55 tbg, PSN, 1 jt tbg, TAC & 202 jts tbg. Get in hole w/ tbg. RD workfloor. ND BOP. Set TAC. MU B-1 adapter flange. Land tbg on wellhead w/ 18000# tension. X-over to rod equipment. TIH picking rods from trailer @ follows. 6 - 1 1/2" wt bars, 20 - 3/4" guided rods, 129 - 3/4" plain rods, & 100 - 7/8" guided rods. Space out rod pump w/ 1 - 2', 4', 6', & 8' x 7/8" pony subs. MU new 1 1/2" x 26' polished rod. Fill & test tbg to 200 psi w/ 6 bw. Stoke test pump to 800 psi w/ rig. RU pumping unit. PWOP @ 6:00 PM W/ 122" SL @ 5 SPM FINAL REPORT! EST WTR 2352 **Finalized**
Daily Cost: $0
Cumulative Cost: $265,073

Pertinent Files: Go to File List

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
EDA 2OG0005609

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

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
NEWFIELD EXPLORATION COMPANY

8. Lease Name and Well No.
MOON 2-20-4-2

3. Address
1401 17TH ST. SUITE 1000 DENVER, CO 80202

3a. Phone No. *(include area code)*
(435)646-3721

9. AFI Well No.
43-013-50001

4. Location of Well *(Report location clearly and in accordance with Federal requirements)**

At surface 624' FSL & 1980' FWL (SE/SW) SEC. 20, T4S, R2W

10. Field and Pool or Exploratory
MONUMENT BUTTE

11. Sec., T., R., M., on Block and Survey or Area
SEC. 20, T4S, R2W

At top prod. interval reported below

At total depth 6795'

12. County or Parish
DUCHESNE

13. State
UT

14. Date Spudded	15. Date T.D. Reached	16. Date Completed	17. Elevations (DF, RKB, RT, GL)*
01/11/2010	01/31/2010	☐ D & A ☑ Ready to Prod. 02/19/2010	5448' GL 5460' KB

18. Total Depth:	19. Plug Back T.D.:	20. Depth Bridge Plug Set:
MD 6795' TVD	MD 6767' TVD	MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
DUAL IND GRD, SP, COMP. DENSITY,COMP. NEUTRON,GR,CALIPER, CMT BOND

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
12-1/4"	8-5/8" J-55	24#	0	630'		330 CLASS G			
7-7/8"	5-1/2" J-55	15.5#	0	6794'		321 PRIMLITE		80'	
						453 50/50 POZ			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT@ 6469'	TA @ 6370'						

25. Producing Intervals / 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Green River			CP.5, CP1, C3 - 6291-6411'	.36"	3	33
B) Green River			LODC, A3,A1 - 5750-5980'	.34"	3	51
C) Green River			B.5 - 5557-5562'	.34"	3	15
D) Green River			PB8, DS2 - 5048-5220'	.34"	3	21

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

Depth Interval	Amount and Type of Material
6291-6411'	Frac w/ 39904#'s 20/40 sand in 189 bbls of Lightning 17 fluid. (CP.5, CP1, CP3)
5750-5980'	Frac w/ 440878#'s 20/40 sand in 2082 bbls of Lightning 17 fluid. (LODC, A1,A3)
5557-5562'	Frac w/ 24661#'s 20/40 sand in 147 bbls of Lightning 17 fluid. (B.5)
5048-5220'	Frac w/ 47974#'s 20/40 sand in 222 bbls of Lightning 17 fluid. (PB8, DS2)

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
2-19-10	3-6-10	24	→	917	0	56			2-1/2" x 1-3/4" x 21' x 24' RHAC Pump

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					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.)*

USED FOR FUEL

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

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				GARDEN GULCH MRK	4248'
				GARDEN GULCH 1	4476'
				GARDEN GULCH 2	4602'
				POINT 3	4890'
				X MRKR	5136'
				Y MRKR	5167'
				DOUGALS CREEK MRK	5280'
				BI CARBONATE MRK	5531'
				B LIMESTON MRK	5663'
				CASTLE PEAK	6249'
				BASAL CARBONATE	6643'

32. Additional remarks (include plugging procedure):

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: Drilling Daily Activity

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)* Lucy Chavez-Naupoto Title Administrative Assistant

Signature Lucy Chavez-Naupoto Date 03/25/2010

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.

(Continued on page 3)

Daily Activity Report

Format For Sundry

MOON 2-20-4-2

11/1/2009 To 3/28/2010

MOON 2-20-4-2 **Waiting on Cement**
Date: 1/13/2010
Ross #21 at 625. Days Since Spud - On 1/18/2010 Cement W/Class " G " + 2% CaCL @ 15.8ppg +.25#Sk Celloflake W/1.17yield - On 1/11/2010 MIRU Ross Rig #21 spud @ 9:00 AM Drill to 625' P/U run 14jts of 8 5/8" csg set @ 630.35 - Notified BLM and State by e-mail
Daily Cost: $0
Cumulative Cost: $41,681

MOON 2-20-4-2 **Rigging down**
Date: 1/24/2010
NDSI #1 at 625. 0 Days Since Spud - Tear down prepair for rig move
Daily Cost: $0
Cumulative Cost: $42,631

MOON 2-20-4-2 **TIH**
Date: 1/25/2010
NDSI #1 at 250. 0 Days Since Spud - Change out rotaray table - wait on machine shop for new sprocket and hub - On 1/24/10 MIRU set equipment w/Jones Trucking - R/U B&C quicktest Test Kelly,safty valve,pipe & bline rams and choke @ 2000 - Test surface csg @ 1500 psi - Finish rigging up floor - Fix kelly spinnner - Pickup Dir. Tools and BHA - Put sprocket and hub on new table
Daily Cost: $0
Cumulative Cost: $87,607

MOON 2-20-4-2 **Drill 7 7/8" hole with fresh water**
Date: 1/26/2010
NDSI #1 at 1900. 1 Days Since Spud - Replace chain on Rotory table - Drill 7 7/8" hole with fresh water to the depth of 1900' - Rig service funtion test pipe rams and crownomatic - Drill 7 7/8" hole with fresh water to the depth of 972' - Pick up kelly and gain circ. - Pick up BHA and Check out Dir tools Tag @ 585'
Daily Cost: $0
Cumulative Cost: $127,962

MOON 2-20-4-2 **Drill 7 7/8" hole with fresh water**
Date: 1/27/2010
NDSI #1 at 3004. 2 Days Since Spud - Drill 7 7/8" hole with fresh water to the depth of 3004' - Rig service funtion test pipe rams and crownomatic - no flow - Drill 7 7/8" hole with fresh water to the depth of 2160'
Daily Cost: $0
Cumulative Cost: $195,377

MOON 2-20-4-2 **Drill 7 7/8" hole with fresh water**
Date: 1/28/2010
NDSI #1 at 4369. 3 Days Since Spud - Rig service, function test BOP and Crownomatic, 6 gal min flow - Drill 7 7/8" hole w/ 20K WOP, RPM 65, GPM 360, to a depth of 4369', slid 10' @

3900' back to 1.32 d - No H2S in last 24 hours, 6 gal/min flow - Drill 7 7/8" hole w/15K WOB,RPM 65, GPM 360 to a depth of 3254'
Daily Cost: $0
Cumulative Cost: $209,582

MOON 2-20-4-2 **Drill 7 7/8" hole with fresh water**
Date: 1/29/2010
NDSI #1 at 5572. 4 Days Since Spud - Drill 7 7/8" hole with fresh water w/ 20KWOB, 60 RPM, 360 GPM to 5572' - Drill 7 7/8" hole with fresh water w/20KWOB,60 RPM,360 GPM to 4663' - slid 8' @ 5039' survey dropped .7 degree. Slid 10' @ 5415' survey dropped .7 degree to 2.2 degrees - No H2S in last 24 hours, well flowing 5 gal/min - Rig service, function test BOP and crownomatic
Daily Cost: $0
Cumulative Cost: $227,843

MOON 2-20-4-2 **Wait on Completion**
Date: 1/30/2010
NDSI #1 at 6795. 6 Days Since Spud - Drill 7 7/8" hole with fresh water w/ 20k WOB,55 RPM, 360 GPM, to a depth of 5978' - Rig service, function test BOP and Crownmomatic - Drill 7 7/8" hole with fresh water w/ 20k WOB,55 RPM, 360 GPM, to a depth of 6795', TD - Circulate and condition hole for trip - Set Kelly back, Trip out of hole for Logs - No H2S in last 24 hours, 5 gal/min flow - slid 8' when survey got to 3 degrees.5700',6064', - TOOH 31 stands - Kelly up and pump 240bbls of brine to kill flow, - Finish TOOH. Lay down Monel DC, and Mud motor - Rig up Halliburton, and log, 1st run triple combo,dual spaced neutron,Spectral density,dual - laterolog, micro spherically focused log, 2nd run 15ft/min picture data.to 3800', Loggers Td-6808' - Trip In the hole - Circulate and condition hole - Set kelly back and lay down pipe , to run casing - No H2S in last 24 hours, No flow after pumping brine - Drill 7 7/8" hole with fresh water w/ 20k WOB,55 RPM, 360 GPM, to a depth of 5978' - Rig service, function test BOP and Crownmomatic - Drill 7 7/8" hole with fresh water w/ 20k WOB,55 RPM, 360 GPM, to a depth of 6795', TD - Circulate and condition hole for trip - Set Kelly back, Trip out of hole for Logs - No H2S in last 24 hours, 5 gal/min flow - slid 8' when survey got to 3 degrees.5700',6064', - TOOH 31 stands - Kelly up and pump 240bbls of brine to kill flow, - Finish TOOH. Lay down Monel DC, and Mud motor - Rig up Halliburton, and log, 1st run triple combo,dual spaced neutron,Spectral density,dual - laterolog, micro spherically focused log, 2nd run 15ft/min picture data.to 3800', Loggers Td-6808' - Trip In the hole - Circulate and condition hole - Set kelly back and lay down pipe , to run casing - No H2S in last 24 hours, No flow after pumping brine
Daily Cost: $0
Cumulative Cost: $309,888

MOON 2-20-4-2 **Wait on Completion**
Date: 1/31/2010
NDSI #1 at 6795. 7 Days Since Spud - Lay down pipe and drill collars - Change rams to 5 1/2", rig up B&C Quicktest and test csg. Rams to 2000 psi for 10 min - Rig up Marcus Liddel casing and run 163 jts of 5 1/2", J-55, 15.5# LT&C casing Set @ 6793.99'KB, top - of Float collar@6767.02',top of short jt.@4555.28',Transfer 4 jts to M 2-29-4-2. - Release rig 21:00 on 1-31-10 - Pump 10bbls dye,20bbls mud clean, 20bbls fresh,202bbls lead @11ppg,100bbls tail@ 14.4ppg,161.1disp. - Returned 30 bbls back to pit - Nipple down set slips w/ 106,000# tension - Clean mud tanks - Rig up BJ Head and circulate **Finalized**
Daily Cost: $0
Cumulative Cost: $409,659

Pertinent Files: Go to File List