

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 3-20-4-2	
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						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 <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Todd Moon & Dennis Moon						14. SURFACE OWNER PHONE (if box 12 = 'fee') 435.823.6295	
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') RR 3, Box 3622, ,						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 <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>	
20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN	
LOCATION AT SURFACE	2095 FSL 591 FWL	NWSW	20	4.0 S	2.0 W	U	
Top of Uppermost Producing Zone	2095 FSL 591 FWL	NWSW	20	4.0 S	2.0 W	U	
At Total Depth	2095 FSL 591 FWL	NWSW	20	4.0 S	2.0 W	U	
21. COUNTY DUCHESNE			22. DISTANCE TO NEAREST LEASE LINE (Feet) 545			23. NUMBER OF ACRES IN DRILLING UNIT 40	
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1400			26. PROPOSED DEPTH MD: 6600 TVD: 6600	
27. ELEVATION - GROUND LEVEL 5424			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							
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER				<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN			
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)				<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER			
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)				<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP			
NAME Terry Hoffman			TITLE Permitting Agent			PHONE 303 250-0619	
SIGNATURE			DATE 12/29/2008			EMAIL tlhoffman@q.com	
API NUMBER ASSIGNED 43013500070000			APPROVAL  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			

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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			

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HARVEST (US) HOLDINGS, INC.

MOON #3-20-4-2
 NWSW 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.

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

*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

<i>Depth</i>	<i>Type</i>	<i>Weight</i>	<i>Vis</i>	<i>Water Loss</i>
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.

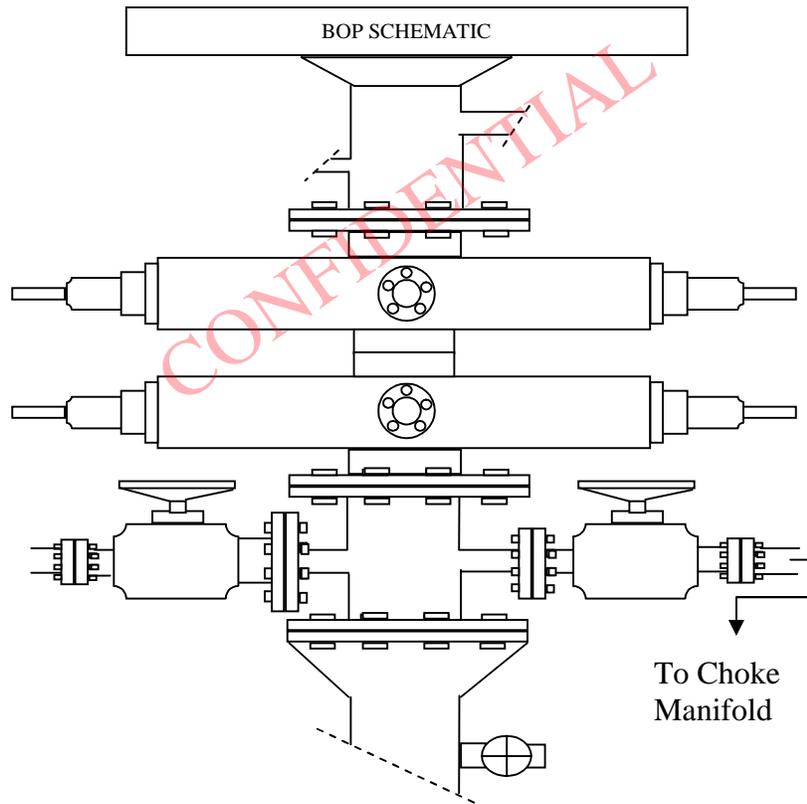
Drill String Control Devices – An upper and lower Kelly valve, drill string safety valve, including correct closing handle, and an inside BOP shall be provided. The safety valve and inside BOP shall have connections or crossovers to fit all tubulars with OD to allow adequate clearance for running in 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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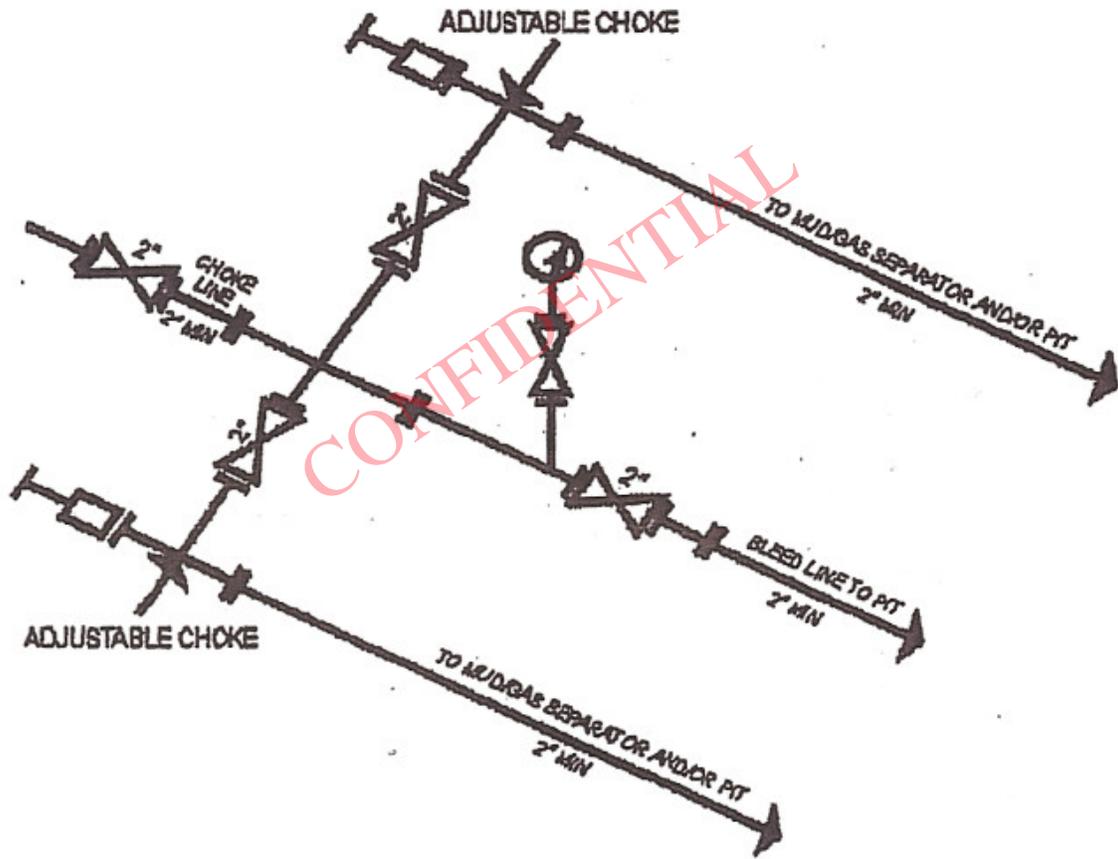
Function test of the BOP equipment shall be made daily. All required BOP tests and/or drills shall be recorded in the Daily report.

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



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2000 psi Choke Manifold



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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

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11. CONTACT INFORMATION:

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

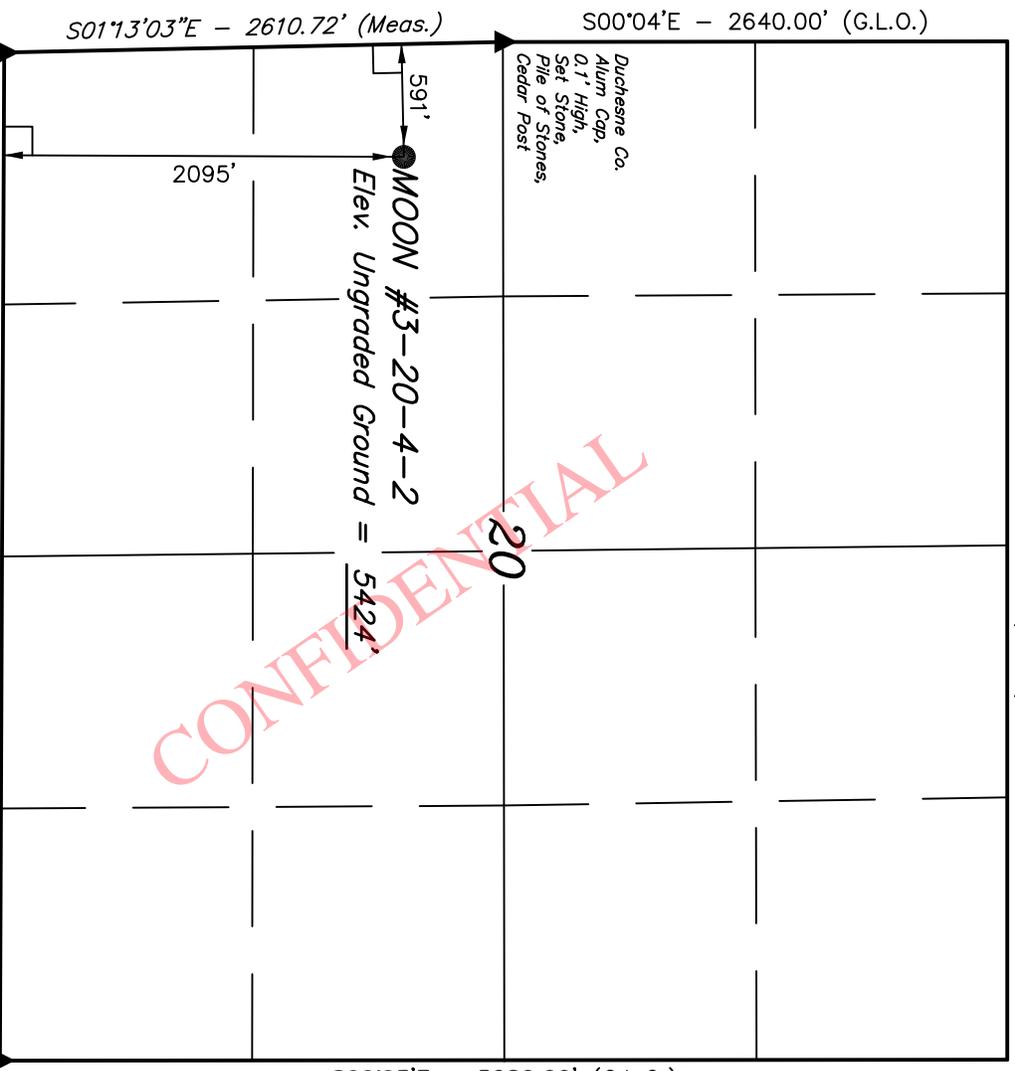
Please use the above mentioned contact for any questions or concerns regarding the Form 3 Application for Permit to Drill, Drilling Plan or scheduling the onsite inspection. If the above mentioned contact is not available you may reach the following person:

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

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

WEST - 5299.80' (G.L.O.)



Duchesne Co.
Alum Cap,
Set Stone,

Duchesne Co.
Alum Cap,
0.1' High,
Set Stone,
Pile of Stones,
Cedar Post

Duchesne Co.
Alum Cap,
0.1' High,
Set Marked
Stone,
Pile of Stones,
Cedar Post

589°45'25"E - 5280.30' (Meas.)

S01°13'03"E - 2610.72' (Meas.)

S00°04'E - 2640.00' (G.L.O.)

S00°03'E - 5280.00' (G.L.O.)

MOON #3-20-4-2
Elev. Ungraded Ground = 5424'

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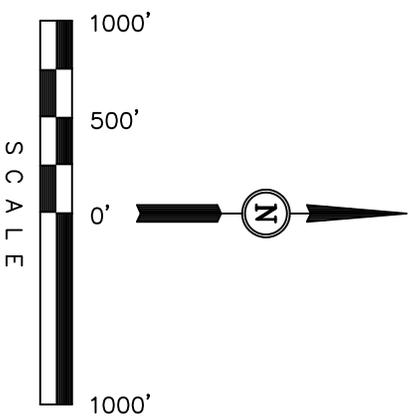
Well location, MOON #3-20-4-2, located as shown in the NW 1/4 SW 1/4 of Section 20, T4S, R2W, U.S.B.&M., Duchesne County, Utah.

BASIS OF ELEVATION

BENCH MARK US2 LOCATED IN THE SW 1/4 OF SECTION 29, T4S, R2W, U.S.B.&M. TAKEN FROM THE MYTON SW QUADRANGLE, UTAH, DUCHEсне 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.

ROBERT L. KAY
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

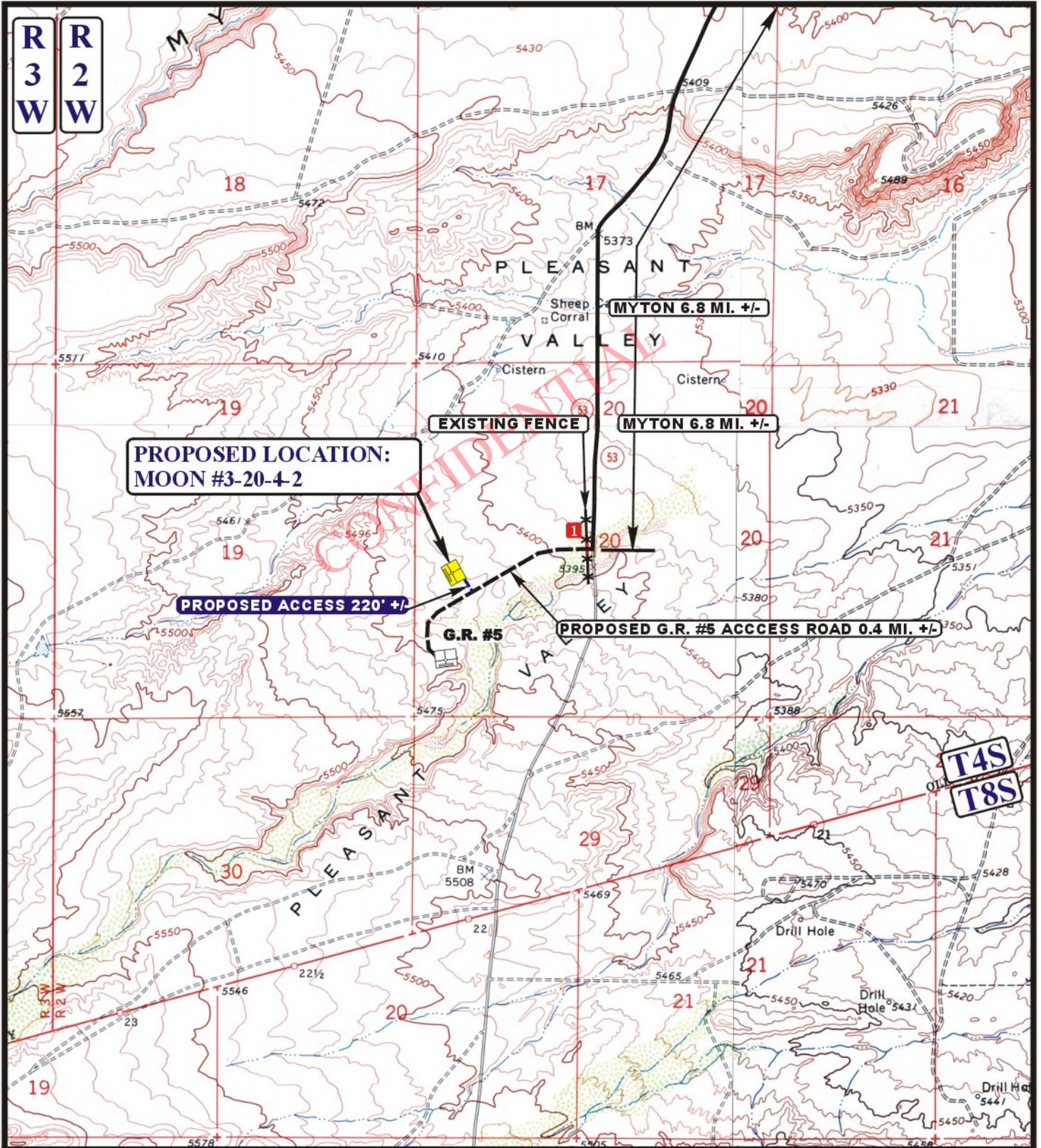
REVISED: 11-11-08

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

LEGEND:

- ┌ = 90° SYMBOL
 - = PROPOSED WELL HEAD.
 - ▲ = SECTION CORNERS LOCATED.
- (NAD 83)
LATITUDE = 40°07'08.38" (40.118994)
LONGITUDE = 110°08'26.27" (110.140631)
(NAD 27)
LATITUDE = 40°07'08.52" (40.119033)
LONGITUDE = 110°08'23.72" (110.139922)

SCALE	1" = 1000'	
PARTY	B.B. K.D. L.K.	REFERENCES G.L.O. PLAT
WEATHER	COOL	FILE HARVEST (US) HOLDINGS, INC.
DATE SURVEYED:	10-08-08	DATE DRAWN: 10-20-08



LEGEND:

-  EXISTING ROAD
-  PROPOSED ACCESS ROAD
-  EXISTING FENCE
-  CATTLE GUARD REQUIRED

HARVEST (US) HOLDINGS, INC.

MOON #3-20-4-2
SECTION 20, T4S, R2W, U.S.B.&M.
2095' FSL 591' FWL



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



TOPOGRAPHIC
MAP

10 20 08
 MONTH DAY YEAR

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

B
TOPO

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 Superintendent

cc: Joe Schmid
Rocky Mountain Permitting

API Number: 4301350007

Well Name: Moon 3-20-4-2

Township 04.0 S Range 02.0 W Section 20

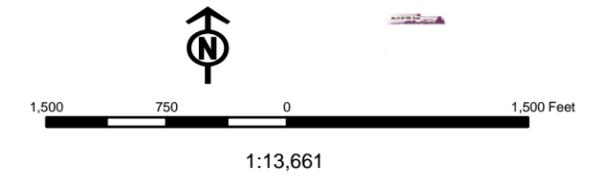
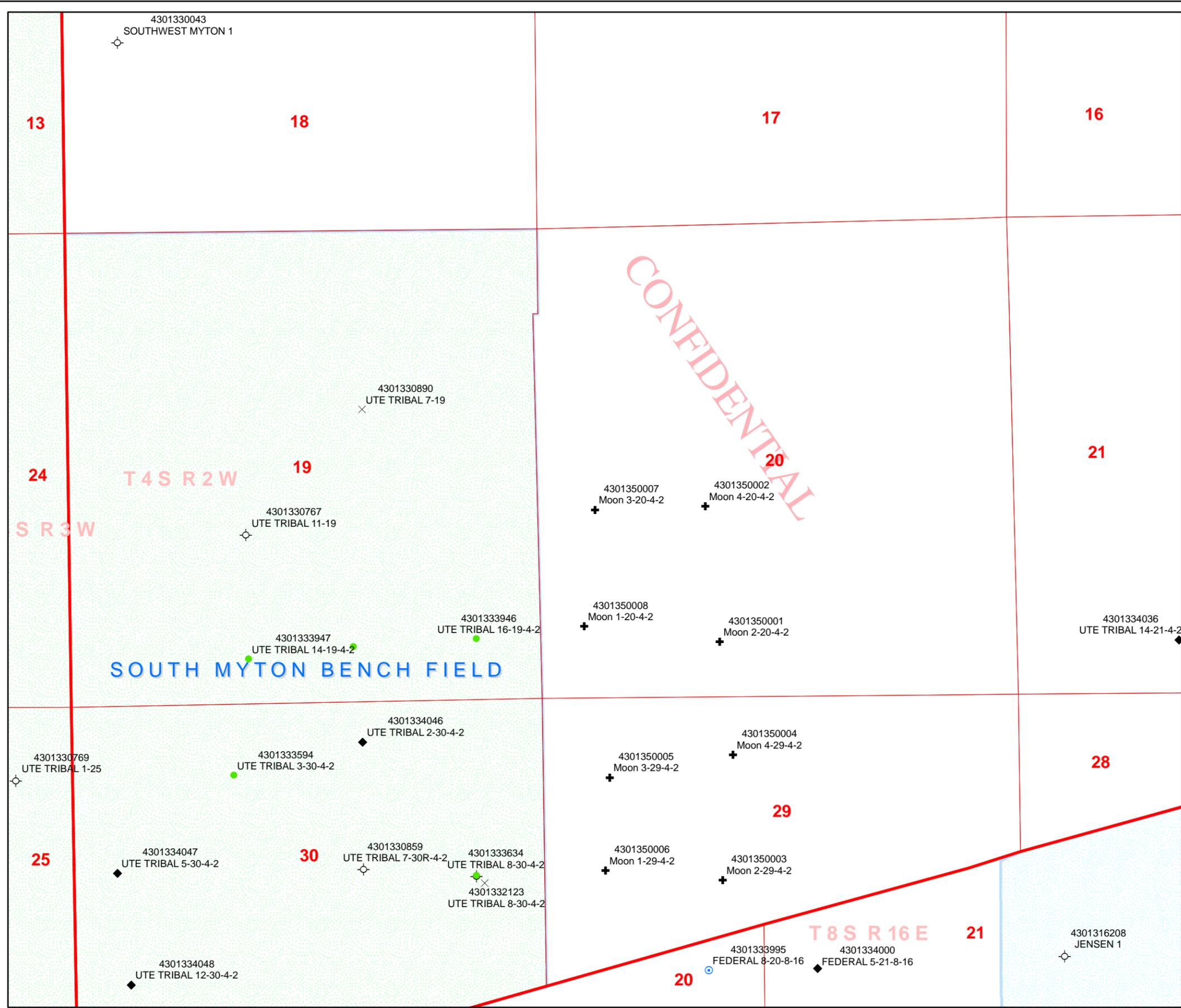
Meridian: UBM

Operator: HARVEST (US) HOLDINGS, INC

Map Prepared:
Map Produced by Diana Mason

Units	Wells Query Events
STATUS	✕ <all other values>
ACTIVE	GIS_STAT_TYPE
EXPLORATORY	<Null>
GAS STORAGE	◆ APD
NF PP OIL	○ DRL
NF SECONDARY	⊗ GI
PI OIL	⊗ GS
PP GAS	⊗ LA
PP GEOTHERML	⊕ NEW
PP OIL	⊕ OPS
SECONDARY	⊗ PA
TERMINATED	⊗ PGW
Fields	● POW
STATUS	⊗ RET
ACTIVE	⊗ SGW
COMBINED	● SOW
Sections	⊗ TA
Township	○ TW
	⊗ WD
	⊗ WI
	● WS

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BOPE REVIEW HARVEST (US) HOLDINGS, INC Moon 3-20-4-2 43013500070000

Well Name	HARVEST (US) HOLDINGS, INC Moon 3-20-4-2 43013500070000		
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)	$.052 * \text{Setting Depth} * \text{MW} =$	259	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	$\text{Max BHP} - (0.12 * \text{Setting Depth}) =$	187	NO
MASP (Gas/Mud) (psi)	$\text{Max BHP} - (0.22 * \text{Setting Depth}) =$	127	NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	$\text{Max BHP} - .22 * (\text{Setting Depth} - \text{Previous Shoe Depth}) =$	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

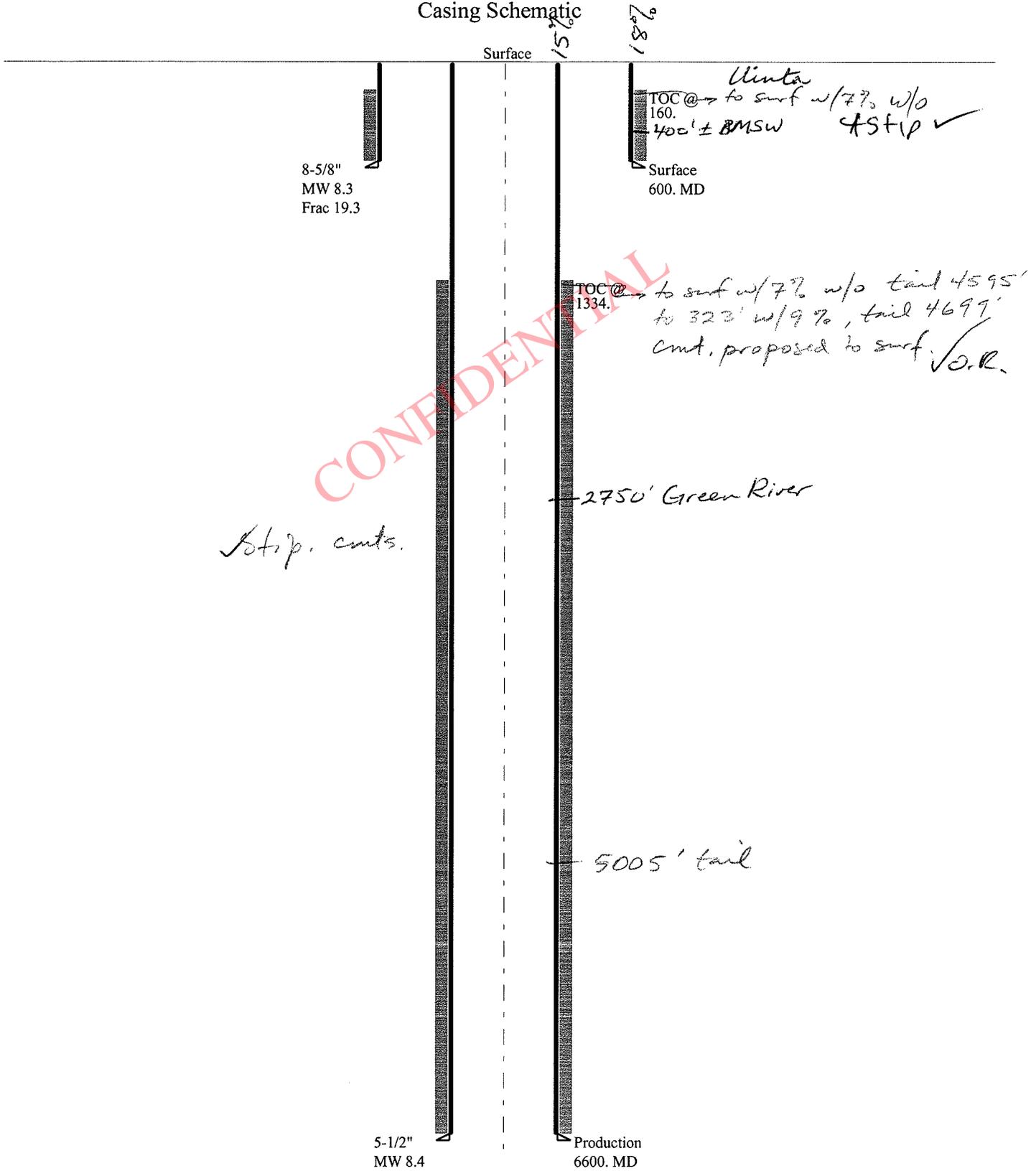
Calculations	Prod String	5.500	"
Max BPH (psi)	$.052 * \text{Setting Depth} * \text{MW} =$	2883	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	$\text{Max BHP} - (0.12 * \text{Setting Depth}) =$	2091	NO
MASP (Gas/Mud) (psi)	$\text{Max BHP} - (0.22 * \text{Setting Depth}) =$	1431	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	$\text{Max BHP} - .22 * (\text{Setting Depth} - \text{Previous Shoe Depth}) =$	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)	$.052 * \text{Setting Depth} * \text{MW} =$		
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	$\text{Max BHP} - (0.12 * \text{Setting Depth}) =$		NO
MASP (Gas/Mud) (psi)	$\text{Max BHP} - (0.22 * \text{Setting Depth}) =$		NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	$\text{Max BHP} - .22 * (\text{Setting Depth} - \text{Previous Shoe Depth}) =$		NO
Required Casing/BOPE Test Pressure=			psi
*Max Pressure Allowed @ Previous Casing Shoe=			psi *Assumes 1psi/ft frac gradient

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

43013500070000 Moon 3-20-4-2

Casing Schematic



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Stop. cmts.

Uinta
TOC @ 160.
400' ± BMSW
ASTIP ✓

TOC @ 1334.
to surf w/ 7% w/o tail 4595'
to 323' w/ 9%, tail 4699'
cmt. proposed to surf. ✓ O.R.

2750' Green River

5005' tail

8-5/8"
MW 8.3
Frac 19.3

Surface
600. MD

5-1/2"
MW 8.4

Production
6600. MD

Surface

157'

187'

Well name:	43013500070000 Moon 3-20-4-2		
Operator:	HARVEST (US) HOLDINGS, INC		
String type:	Surface	Project ID:	43-013-50007
Location:	DUCHESNE COUNTY		

Design parameters:

Collapse

Mud weight: 8,300 ppg
 Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

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

Burst

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

No backup mud specified.

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

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.

Well name:	43013500070000 Moon 3-20-4-2		
Operator:	HARVEST (US) HOLDINGS, INC		
String type:	Production	Project ID:	43-013-50007
Location:	DUCHESNE COUNTY		

Design parameters:

Collapse

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

Minimum design factors:

Collapse:

Design factor 1.000

Burst:

Design factor 1.00

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

Burst

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

No backup mud specified.

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)

Non-directional string.

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

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.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator HARVEST (US) HOLDINGS, INC
Well Name Moon 3-20-4-2
API Number 43013500070000 **APD No** 1239 **Field/Unit** UNDESIGNATED
Location: 1/4,1/4 NWSW **Sec** 20 **Tw** 4.0S **Rng** 2.0W 2095 FSL 591 FWL
GPS Coord (UTM) 573294 4441116 **Surface Owner** Todd Moon & Dennis Moon

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 north 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 0.4 mile of new construction extending from Nine Mile road across Moon's private land will be required to reach the location.

The proposed Moon 3-20-4-2 oil well location is on a flat which has a gentle slope to the northeast. A diversion ditch is planned around the south and west side to catch and divert possible overland flows from entering the location. A berm is also 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.

Todd and Russell Moon own the surface of the location. The minerals are also privately owned. Mr. Russell Moon was invited to the pre-site visit but said he would not attend. A signed landowner agreement exists.

The well will be drilled using a closed loop mud circulating system. A 200' x 24' x 8' deep pit to bury the cuttings is planned along the southwest side of the location.

Surface Use Plan

Current Surface Use

Grazing
 Wildlife Habitat

New Road Miles

0.4

Well Pad

Width 250 **Length** 315

Src Const Material

Onsite

Surface Formation

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, greasewood, horsebrush, broom snakeweed, black sagebrush, 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 clay loam.

Erosion Issues N

Sedimentation Issues N

None detected but a diversion ditch is planned.

Site Stability Issues N

Drainage Diversion Required? Y

A diversion ditch is planned around the south and west side to catch and divert possible overland flows from entering the location.

Berm Required? Y

Erosion Sedimentation Control Required? N

Paleo Survey Run? Y **Paleo Potential 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	Air/mist	0
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)		0
Affected Populations		
Presence Nearby Utility Conduits	Not Present	0
	Final Score	25
		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 north 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
Evaluator

1/15/2009
Date / Time

CONFIDENTIAL

Application for Permit to Drill Statement of Basis

10/29/2009

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
1239	43013500070000	LOCKED	OW	P	No
Operator	HARVEST (US) HOLDINGS, INC		Surface Owner-APD	Todd Moon & Dennis Moon	
Well Name	Moon 3-20-4-2		Unit		
Field	UNDESIGNATED		Type of Work	DRILL	
Location	NWSW 20 4S 2W U 2095 FSL 591 FWL GPS Coord (UTM) 573302E 4441108N				

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 400'. 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
APD Evaluator

1/22/2009
Date / Time

Surface Statement of Basis

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 north 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.

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The proposed Moon 3-20-4-2 oil well location is on a flat which has a gentle slope to the northeast. A diversion ditch is planned around the south and west side to catch and divert possible overland flows from entering the location. A berm is also 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.

Todd and Russell Moon own the surface of the location. The minerals are also privately owned. Mr. Russell Moon was invited to the pre-site visit but said he would not attend. A signed landowner agreement exists.

Floyd Bartlett
Onsite Evaluator

1/15/2009
Date / Time

Application for Permit to Drill Statement of Basis

10/29/2009

Utah Division of Oil, Gas and Mining

Page 2

Category	Condition
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 reserve pit shall be fenced upon completion of drilling operations.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.

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**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 12/29/2008

API NO. ASSIGNED: 43013500070000

WELL NAME: Moon 3-20-4-2

OPERATOR: HARVEST (US) HOLDINGS, INC (N3520)

PHONE NUMBER: 303 250-0619

CONTACT: Terry Hoffman

PROPOSED LOCATION: NWSW 20 040S 020W

Permit Tech Review:

SURFACE: 2095 FSL 0591 FWL

Engineering Review:

BOTTOM: 2095 FSL 0591 FWL

Geology Review:

COUNTY: DUCHESNE

LATITUDE: 40.11899

LONGITUDE: -110.13979

UTM SURF EASTINGS: 573302.00

NORTHINGS: 4441108.00

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

Commingle 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 - hmadonald



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 3-20-4-2
API Well Number: 43013500070000
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):

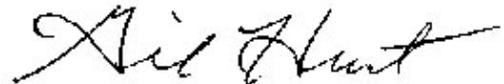
- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office
801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office
801-942-0871 - after office hours

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:



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

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on 11/2/2009
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 11/2/2009
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 11/9/2007
- Is the new operator registered in the State of Utah: yes Business Number: 755627-0143
- If **NO**, the operator was contacted contacted on:
- (R649-9-2)Waste Management Plan has been received on: IN PLACE
- Inspections of LA PA state/fee well sites complete or n/a
- Reports current for Production/Disposition & Sundries on: ok
- 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:

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

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: n/a
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number B001834
- 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:

- (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		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
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.		
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: Newfield Production Company <i>N2695</i>		8. WELL NAME and NUMBER: Moon 3-20-4-2
3. ADDRESS OF OPERATOR: 1001 17th St. Suite 2000 CITY Denver STATE CO ZIP 80202		9. API NUMBER: 4301350007
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2095 FSL 591 FWL COUNTY: Duchesne QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 20 4S 2W S STATE: UTAH		10. FIELD AND POOL, OR WILDCAT: Wildcat

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: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Change of Operator</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> 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. Denbring
Date: *10/28/09*
Printed Name: *Patrick R. Denbring*
Title: *VP - Western Operations*

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 *11/10/09*
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

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

(5/2000)

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 3-20-4-2
API number:	4301350007
Location:	Qtr-Qtr: NWSW 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:
<input checked="" type="checkbox"/>	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?		<input checked="" type="checkbox"/>
If so, has the surface agreement been updated?		<input checked="" type="checkbox"/>
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?		<input checked="" type="checkbox"/>
Have there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?		<input checked="" type="checkbox"/>
Have there been any changes to the access route including ownership or right-of-way, which could affect the proposed location?		<input checked="" type="checkbox"/>
Has the approved source of water for drilling changed?		<input checked="" type="checkbox"/>
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?		<input checked="" type="checkbox"/>
Is bonding still in place, which covers this proposed well? Bond No. <u>B004657 1834</u> <i>ec</i>	<input checked="" type="checkbox"/>	

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 *Kelly Donohoue* 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

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BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Ross # 29 Submitted
By Jim Smith Phone Number 823-
2072

Well Name/Number Moon 3-20-4-2

Qtr/Qtr NW/SW Section 20 Township 4S Range 2W

Lease Serial Number UTU- FEE

API Number 43-013-500070

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

Date/Time 12/6/09 8:00 AM PM

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

- Surface Casing
- Intermediate Casing
- Production Casing
- Liner
- Other

Date/Time 12/06/09 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	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	17400	43-013-33975	ASHLEY FEDERAL R-15-9-15	NWSE	15	9S	15E	DUCHESNE	12/15/09	12/19/09
WELL 1 COMMENTS: <i>GRRU</i> <i>GMBU</i> <i>NENW</i>											
A	99999	17434	43-013-50004	MOON 4-29-4-2	NW NW	29	4S	2W	DUCHESNE	12/9/09	12/22/09
<i>GRRU</i> CONFIDENTIAL											
A	99999	17435	43-013-50007	MOON 3-20-4-2	NW NW	20	4S	2W	DUCHESNE	12/06/09	12/22/09
<i>GRRU</i> CONFIDENTIAL											
A	99999	17436	43-013-50153	UTE TRIBAL 15-23-4-3	SWSE	23	4S	3W	DUCHESNE	12/15/09	12/22/09
<i>GRRU</i>											
A	99999	17437	43-047-50668	HANCOCK 10-23-4-1	NWSE	23	4S	1W	UINTAH	12/05/09	12/22/09
WELL 5 COMMENTS: <i>GRRU</i>											
A	99999	17438	43-047-50688	HANCOCK 9-23-4-1	NW NW	23	4S	1W	UINTAH	12/09/09	12/22/09
WELL 5 COMMENTS: <i>GRRU</i>											

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.

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Kim Swasey
Signature Kim Swasey
Production Analyst 12/18/2009
Title Date

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5. LEASE DESIGNATION AND SERIAL NUMBER

Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

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.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		8. WELL NAME and NUMBER: MOON 3-20-4-2
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		9. API NUMBER: 4301350007
3. ADDRESS OF OPERATOR: Route 3 Box 3630	CITY Myton STATE UT ZIP 84052	10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL: FOOTAGES AT SURFACE:		COUNTY: DUCHESNE
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWSW, 20, T4S, R2W		STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 12/10/2009	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Spud Notice
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
On 12/06/09 MIRU Ross # 29. Spud well @ 8:00 am. Drill 630' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 628.17' KB. On 12/cement with 336 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 16 bbls cement to pit. WOC.

NAME (PLEASE PRINT) Jim Smith TITLE Drilling Foreman
SIGNATURE  DATE 12/10/2009

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NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8" CASING SET AT 628.17

LAST CASING _____ SET AT _____
 DATUM 12
 DATUM TO CUT OFF CASING 12
 DATUM TO BRADENHEAD FLANGE 12
 TD DRILLER 630 LOGGER _____
 HOLE SIZE 12 1/4"

OPERATOR Newfield Exploration Company
 WELL MOON 3-20-4-2
 FIELD/PROSPECT MB
 CONTRACTOR & RIG # Ross # 29

LOG OF CASING STRING:								
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH	
1		Guide shoe				A	0.9	
1		WH				A	0.95	
1	8 5/8"	Shoe jt	24	J-55	STC	A	44	
13	8 5/8"	CSG	24	J-55	STC	A	572.32	
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			618.17	
TOTAL LENGTH OF STRING		618.17	14	LESS CUT OFF PIECE			2	
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG			12	
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH			628.17	
TOTAL		616.32	14	} COMPARE				
TOTAL CSG. DEL. (W/O THRDS)		616.32	14					
TIMING								
BEGIN RUN CSG.	Spud	8:00 AM	12/6/2009	GOOD CIRC THRU JOB				Yes
CSG. IN HOLE		11:00 AM	12/7/2009	Bbls CMT CIRC TO SURFACE				16
BEGIN CIRC		12:44 PM	12/8/2009	RECIPROCATED PIPI				No
BEGIN PUMP CMT		1:02 PM	12/8/2009	BUMPED PLUG TO				540
BEGIN DSPL. CMT		1:22 PM	12/8/2009					
PLUG DOWN		1:35 PM	12/8/2009					

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SUNDRY NOTICES AND REPORTS ON WELLS

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1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		8. WELL NAME and NUMBER: MOON 3-20-4-2
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		9. API NUMBER: 4301350007
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: OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWSW, 20, T4S, R2W		COUNTY: DUCHESNE STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: <u>12/22/2009</u>	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

On 12/13/09 MIRU NDSI Rig # 1. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 570'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6875'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 184 jt's of 5.5 J-55, 15.5# csgn. Set @ 6875.18' / KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.43 yld. The 400 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 12 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 110,000 #'s tension. Release rig @ 10:00 PM on 12/21/09.

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NAME (PLEASE PRINT) <u>Jim Smith</u>	TITLE <u>Drilling Foreman</u>
SIGNATURE 	DATE <u>12/22/2009</u>

(This space for State use only)

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 6875.18

LAST CASING 8 5/8" SET AT 628.17
 DATUM 12
 DATUM TO CUT OFF CASING 12
 DATUM TO BRADENHEAD FLANGE 12
 TD DRILLER 6875 LOGC 6778
 HOLE SIZE 12 1/4"

OPERATOR Newfield Exploration Company
 WELL MOON 3-20-4-2
 FIELD/PROSPECT MB
 CONTRACTOR & RIG # NDSI # 1

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH	
1		Guide shoe				A	0.6	
1		Float collar				A	0.65	
1	5 1/2"	Landing jt	15.5	J-55	LTC	A	14	
1	5 1/2"	Shoe jt	15.5	J-55	LTC	A	42.15	
183	5 1/2"	Csg	15.5	J-55	LTC	A	6819.78	
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING				6877.18
TOTAL LENGTH OF STRING		6877.18		LESS CUT OFF PIECE				14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG				12
PLUS FULL JTS. LEFT OUT		185.83	5	CASING SET DEPTH				6,875.18
TOTAL		7047.76	5	} COMPARE				
TOTAL CSG. DEL. (W/O THRDS)		7047.76	189					
TIMING								
BEGIN RUN CSG.	Spud	9:30 AM	12/21/2009	GOOD CIRC THRU JOB				Yes
CSG. IN HOLE		1:30 PM	12/21/2009	Bbls CMT CIRC TO SURFACE				12
BEGIN CIRC		1:35 PM	12/21/2009	RECIPROCATED PIPI				Yes
BEGIN PUMP CMT		3:00 PM	12/21/2009	BUMPED PLUG TO				
BEGIN DSPL. CMT		3:50 PM	12/21/2009					
PLUG DOWN		4:15 PM	12/21/2009					

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STATE OF UTAH
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DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:

FE

6. INDIAN, ALLOTTEE OR TRIBE NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

CONFIDENTIAL

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7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL:

OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:

MOON 3-20-4-2

2. NAME OF OPERATOR:

NEWFIELD PRODUCTION COMPANY

9. API NUMBER:

4301350007

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: NWSW, 20, T4S, R2W

STATE: UT

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

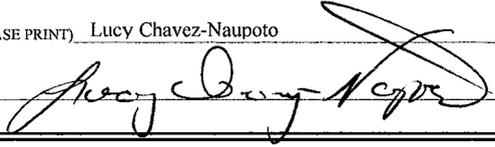
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 01/14/2010	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> 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 01-14-10, attached is a daily completion status report.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Administrative Assistant

SIGNATURE 

DATE 01/18/2010

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DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

MOON 3-20-4-2

11/1/2009 To 3/28/2010

1/4/2010 Day: 1

Completion

Rigless on 1/4/2010 - RU Perforators LLC WLT & mast. Run CBL under pressure. Perforate 1st stage. - NU frac head & Cameron BOP's. RU Hot oiler & test casing, frac head, frac valves & BOP to 4500 psi. RU WLT w/ mast & pack off tool. Run CBL under pressure. WLTD was 6760' w/ TOC @ 30'. RIH w/ 3 1/8" ported guns & perforate CP5 sds @ 6627- 30' & 6617-20' w/ (19 gram, .49"EH, 16.82z pen. 120°) 3 spf for total of 18 shots. RD WLT & Hot Oiler. SIFN w/ 163 bbls BWTR.

Daily Cost: \$0

Cumulative Cost: \$11,727

1/7/2010 Day: 2

Completion

Rigless on 1/7/2010 - MIRU BJ Services & PSI WL. Frac stage 1 & 2. Perforate stage 3. - Stage #2. CP 0.5, 3 & 4 sands, RU The PSI WLT, crane & lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug, 5', 4' & 2' perf guns. Set plug @ 6560'. Perforate CP4 sds @ 6495- 6500', CP3 sds @ 6423- 26', CP 0.5 sds @ 6340- 42' w/ 3 1/8" slick gun (.34" EH, 16 gram, 120°,21" pen) w/ 3 spf for total of 30 shots. RU BJ Services. 2285 psi on well. Broke @ 3217 psi. ISIP 2471 psi, FG .82. 1 min 2396 psi, 4 min 2362 psi. Frac CP 0.5, 3 & 4 sds w/ 37,803#'s of 20/40 sand in 432 bbls of Lightning 17 fluid. Treated w/ ave pressure of 3600 psi w/ ave rate of 36.5 BPM. ISIP 2502 psi. FG @ .82. 5 min 2349 min, 10 min 2314 psi, 15 min 2301 psi. RU The PSI WLT, crane & lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug, 3', 2', 2', 2', 3' & 2' perf guns. Set plug @ 6150'. Perforate LODC sds @ 6078- 80', 6035- 38', 6005- 07', 5994- 96', 5976- 78', 5959- 62' w/ 3 1/8" slick gun (.34" EH, 16 gram, 120°,21" pen) w/ 3 spf for total of 42 shots. Leave pressure on well. 966 BWTR. - - Stage #1 CP5 sands. RU BJ Services. 120 psi on well. Broke @ 3615 psi. ISIP @ 2548 psi, 1 min @ 2366 psi, 4 min 2233 psi. FG @ .82. Frac CP5 sds w/ 19,879#'s of 20/40 sand in 371 bbls of Lightning 17 fluid. Treated w/ ave pressure of 3670 psi w/ ave rate of 23 BPM. ISIP 2819 psi, 5 min @ 2580 psi, 10 min @ 2465 psi, 15 min @ 2413 psi. FG @ .86. Leave pressure on well. 534 BWTR.

Daily Cost: \$0

Cumulative Cost: \$24,877

1/8/2010 Day: 3

Completion

Rigless on 1/8/2010 - Finish remaining 3 frac's. Flowback well. - Stage #3 LODC sands. RU BJ Services. 2214 psi on well. Broke @ 3770 psi. No ISIP, 1 min & 4 min due to low psi. Frac LODC sds w/201,070#'s of 20/40 sand in 1419 bbls of Lightning 17 fluid. Treated w/ ave pressure of 3350 psi w/ ave rate of 50.5 BPM. ISDP 2148 psi, 5 min @ 2093 psi, 10 min @ 2043 psi, 15 min @ 2015 psi. FG @ .79. Leave pressure on well. 2385 BWTR. - Stage #4. A1 sands, RU The PSI WLT, crane & lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug, 5', 1' & 1' perf guns. Set plug @ 5900'. Perforate A1 sds @ 5851- 56', 5846- 47', 5842- 43' w/ 3 1/8" slick gun (.34" EH, 16 gram, 120°,21" pen) w/ 3 spf for total of 21 shots. RU BJ Services. 1776 psi on well. Broke @ 3898 psi. ISIP 2184 psi, FG .81. 1 min 1960 psi, 4 min 1812 psi. Frac A1 sds w/ 48,201#'s of 20/40 sand in 489 bbls of Lightning 17 fluid. Treated w/ ave pressure of 3000 psi w/ ave rate of 26 BPM. ISIP 2462 psi. FG @ .85. 5 min 2240 psi, 10 min 2136 psi, 15 min 2039 psi. Leave pressure on well. 2874 BWTR. - Stage #5. GB6 sands, RU The PSI WLT, crane & lubricator. RIH w/ Weatherford 5 1/2" 6K composite

flow through frac plug, 7' & 2' perf guns. Set plug @ 4990'. Perforate GB6 sds @ 4907- 14', 4890- 92' w/ 3 1/8" slick gun (.34" EH, 16 gram, 120°, 21" pen) w/ 3 spf for total of 27 shots. RU BJ Services. 1697 psi on well. Broke @ 3756 psi. ISIP 2081psi, FG .86. No 1 min or 4 min due to low psi. Frac GB6 sds w/52,450#'s of 20/40 sand in 465 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2978 psi w/ ave rate of 26 BPM. ISIP 3258 psi. FG @ 1.1. 5 min 3060 psi, 10 min 2894 psi, 15 min 2822 psi. Begin immediate flowback on 20/64 choke @ 3 BPM. Flowed for 9 1/2 hrs, Turned to oil & gas. Rec 1643 BTF. 550 psi after 20 min shut in. 1696 BWTR.

Daily Cost: \$0

Cumulative Cost: \$166,284

1/12/2010 Day: 4

Completion

NC #1 on 1/12/2010 - Set Kill Plug, MIRU NC#1, N/D Camron BOP & Frac Hd, N/U 3,000 Flnge & Shafer BOP. - R/U Wireline, D&M H/Oiler Thaw BOP & Well HD, pmp 5 BW D/Csg, Wireline RIH & Set Kill Plg @ 4870', R/D Wireline & H/Oiler, SWI. 3:30PM MIRU NC#1, 1 Mile Rig Move. N/D Camron BOP & Frac HD, N/U 3,000 Flnge & Shafer BOP, R/U Flr, SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. 1701 BWTR. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, RIH W/-4 3/4" Bit, Bit Sub, 149 Jts Tbg To Plg @ 4870', R/U R/pmp, R/U Weatherford Pwr Swvl, Drill Up Plg, 40 Min Drill Time, Swvl I/Hle To Plg @ 4990', Drill Up Plg, 45 Min Drill Time, Swvl I/Hle To Plg @ 5900', Drill Up Plg, 1 Hr Drill Time, Swvl I/Hle To Plg @ 6150', Drill Up Plg, 1 Hr Drill Time, Swvl I/Hle To Plg @ 6560', Drill Up Plg, 50 Min Drill Time, Swvl I/Hle To Fill @ 6603', Drill & Cln Out To 6635', Curc Well Cln, POOH W/-1 Jt Tbg, EOB @ 6601', SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. 1641 BWTR. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, RIH W/-4 3/4" Bit, Bit Sub, 149 Jts Tbg To Plg @ 4870', R/U R/pmp, R/U Weatherford Pwr Swvl, Drill Up Plg, 40 Min Drill Time, Swvl I/Hle To Plg @ 4990', Drill Up Plg, 45 Min Drill Time, Swvl I/Hle To Plg @ 5900', Drill Up Plg, 1 Hr Drill Time, Swvl I/Hle To Plg @ 6150', Drill Up Plg, 1 Hr Drill Time, Swvl I/Hle To Plg @ 6560', Drill Up Plg, 50 Min Drill Time, Swvl I/Hle To Fill @ 6603', Drill & Cln Out To 6635', Curc Well Cln, POOH W/-1 Jt Tbg, EOB @ 6601', SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. 1641 BWTR. - R/U Wireline, D&M H/Oiler Thaw BOP & Well HD, pmp 5 BW D/Csg, Wireline RIH & Set Kill Plg @ 4870', R/D Wireline & H/Oiler, SWI. 3:30PM MIRU NC#1, 1 Mile Rig Move. N/D Camron BOP & Frac HD, N/U 3,000 Flnge & Shafer BOP, R/U Flr, SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. 1701 BWTR.

Daily Cost: \$0

Cumulative Cost: \$176,237

1/13/2010 Day: 6

Completion

NC #1 on 1/13/2010 - ZHO Thaw W/HD & BOP, Swvl I/Hle & Drll Out To PBTD, Swab For Cln Up, Made 2 Runs, Recvred 23 BW, Well Strted Flowing, Flowed 214 BW, 3% Oil Cut, SWI, C/SDFN. - 5:30AM-6:00AM C/Trvl, 6:00AM ZHO Thaw W/HD & BOP, R/U Pwr Swvl & R/pmp, Swvl I/Hle To Fill @ 6635', Drill & Cln Out To PBTD @ 6834', Curc Well Cln 1 Hr. R/D Swvl, POOH W/-5 Jts Tbg, EOB @ 6699', R/U Swab RIH IFL @ Surf, Made 2 Swab Runs, Recvred 23 BW, Well Started Flowing, Flowed 214 BW, 3% Oil Cut, SWI, 5:30PM C/SDFN, 5:30PM-6:00PM C/Trvl. 1404 BWTR.

Daily Cost: \$0

Cumulative Cost: \$189,261

1/14/2010 Day: 7

Completion

NC #1 on 1/14/2010 - ZHO Thaw BOP & HD, R/U R/pmp Curc Out @ PBTD W/-Brine Wtr For Kill. POOH W/-Tbg & Bit. RIH W/-Prod Tbg, N/D BOP, Set T/A In 18,000 Tension, N/U W/-HD. RIH W/-pmp & Rod Production String, POP, (Final Report). - 5:30AM-6:00AM C/Trvl, 6:00AM

ZHO Thaw W/HD & BOP, R/U R/pmp, pmp 30 Bbls Brine Wtr D/Tbg, RIH W/-5 Jts Tbg To Fill @ 6830', Curc Out To PBD @ 6834' W/-Brine Wtr For Kill. POOH W/-210 Jts Tbg, Bit Sub & Bit. P/U & RIH W/-N/C, 2 Jts Tbg, S/N, 2 Jts Tbg, 5 1/2" T/A, 201 Jts Tbg, R/D Flr, N/D BOP, Set T/A In 18,000 Tension, N/U W/-HD. P/U Stroke & RIH W/-cENTRAL hYD 2 1/2X1 1/2X20X24' RHAC, 6-1 1/2 Wt Bars, 20-3/4 Guided Rods, 139-3/4 Slick Rods, 100-7/8 Guided Rods, 7/8X6'-4'-2' Pony Rods, 1 1/2X26' Polish Rod, Seat pmp, R/U Unit, Fill Tbg W/- 5 BW, Stroke Unit & Tbg To 800 Psi, Good Test. R/D Rig, Rack Out Eq, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. POP @ 6:00PM , 122" SL, 5 SPM, 1641 BWTR (Final Report). **Finalized**

Daily Cost: \$0

Cumulative Cost: \$207,556

Pertinent Files: Go to File List

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.
FEE

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

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

2. Name of Operator
NEWFIELD EXPLORATION COMPANY

3. Address **1401 17TH ST. SUITE 1000 DENVER, CO 80202** 3a. Phone No. (include area code)
(435)646-3721

8. Lease Name and Well No.
MOON 3-20-4-2

9. AFI Well No.
43-013-50007

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface **2095' FSL & 591' FWL (NW/SW) SEC. 20, T4S, R2W**
 At top prod. interval reported below
 At total depth **6875'**

10. Field and Pool or Exploratory
MONUMENT BUTTE

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

12. County or Parish **DUCHESNE** 13. State **UT**

14. Date Spudded **12/06/2009** 15. Date T.D. Reached **12/21/2009** 16. Date Completed **01/14/2010**
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
5424' GL 5436' KB

18. Total Depth: MD **6875'** TVD 19. Plug Back T.D.: MD **6760'** TVD 20. Depth Bridge Plug Set: 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#	0	628'		336 CLASS G			
7-7/8"	5-1/2" J-55	15.5#	0	6875'		300 PRIMLITE		30'	
						425 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@ 6709'	TA @ 6575'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GREEN RIVER			See Below			
B)						
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
See Below	See Below

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

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
01-14-10	1-25-10	24	→	109	0	146			2-1/2" x 1-1/2" x 20' 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)

RECEIVED

JAN 28 2010

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 GARDEN GULCH 1	4292' 4519'
				GARDEN GULCH 2 POINT 3	4684' 4946'
				X MRKR Y MRKR	5192' 5221'
				DOUGALS CREEK MRK BI CARBONATE MRK	5335' 5597'
				B LIMESTON MRK CASTLE PEAK	5733' 6272'
				BASAL CARBONATE WASATCH	6682' 6813'

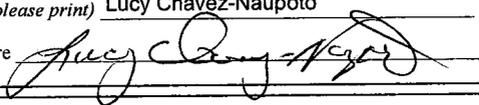
32. Additional remarks (include plugging procedure):

- Stage 1: Green River Formation (CP5) 6617-6630', .36" 3/18 Frac w/ 19879#'s of 20/40 sand in 166 bbls of Lightning 17 fluid
- Stage 2: Green River Formation (CP4, CP.5, & CP3) 6495-6500', 6340-42', 6423-26', .34" 3/30 Frac w/ 37803#'s of 20/40 sand in 238 bbls of Lightning 17 fluid
- Stage 3: Green River Formation (LODC) 5959-6080' .34" 3/42 Frac w/ 201070#'s of 20/40 sand in 1225 bbls of Lightning 17 fluid
- Stage 4: Green River Formation (A1) 5842-56', .34" 3/42 Frac w/ 48201#'s of 20/40 sand in 311 bbls of Lightning 17 fluid
- Stage 5: Green River Formation (GB6) 4890-4914' .34" 3/27 Frac w/ 52450#'s of 20/40 sand in 313 bbls of Lightning 17 fluid

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  Date 01/26/2010

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.

Daily Activity Report**CONFIDENTIAL****Format For Sundry****MOON 3-20-4-2****10/1/2009 To 2/28/2010****MOON 3-20-4-2****Waiting on Cement****Date:** 12/4/2009

Ross #29 at 630. Days Since Spud - 12/06/09 MIRU Ross # 29 Spud @ 8:00am Drill to 630' Trip out and P/U and run 14 jts 8 5/8" 24# j-55 - Stc csg Set @ 628.17' KB - Bump plug @ 540 psi - 12/08/09 Cmt w/ BJ 336 sk Class G + 2 % calcium chloride + .25# sk cello flake Return 16 bbls to pit - Notify BLM and state of Spud and csg run thru E-Mail

Daily Cost: \$0**Cumulative Cost:** \$72,974**MOON 3-20-4-2****Drill 7 7/8" hole with fresh water****Date:** 12/14/2009

NDSI #1 at 1000. 1 Days Since Spud - No H2S last 24 hours , No flow - Drill 7 7/8" hole with fresh water to a depth of 1000' - Survey@ 631' = 2 degrees. Install rotating head rubber - Drill 7 7/8" hole with fresh water to a depth of 705' - Pick up bit, m.m & Dc's and Tag cement @ 570, gain circulation - Move rig from the Moon 3A-29-4-2 rig up and set up equipment - Test kelly,safety valve,pipe&blind rams, kill line, choke to 2000# and Surface csg. To 1500 #

Daily Cost: \$0**Cumulative Cost:** \$87,379**MOON 3-20-4-2****Drill 7 7/8" hole with fresh water****Date:** 12/15/2009

NDSI #1 at 2287. 2 Days Since Spud - Drill 7 7/8" hole with fresh water to a depth of 2174' - Drill 7 7/8" hole with fresh water to a depth of 1174' - Survey at a depth of 1099' 3/4 degree - Rig service - Drill 7 7/8" hole with fresh water to a depth of 1575' - Survey at 1500 2 degree - Survey at a depth of 2100' Miss run - Drill 7 7/8" hole with fresh water to a depth of 2205' - Survey at a depth of 2132' 1 1/4 degree - Drill 7 7/8" hole with fresh water to a depth of 2287'

Daily Cost: \$0**Cumulative Cost:** \$104,992**MOON 3-20-4-2****Drill 7 7/8" hole with fresh water****Date:** 12/16/2009

NDSI #1 at 3426. 3 Days Since Spud - Drill 7 7/8" hole with fresh water to a depth of 3426' - Rig service. Function test BOP and crown-o-matic - Survey at a depth of 2788' 2 degrees - Drill 7 7/8" hole with fresh water to a depth of 3301' - Survey at a depth of 2287' 1 1/2 degrees - Drill 7 7/8" hole with fresh water to a depth of 2863' - Drill 7 7/8" hole with fresh water to a depth of 2362' - Replace input chain in Drawworks - Survey at a depth of 3228' 2 1/2 degrees

Daily Cost: \$0**Cumulative Cost:** \$137,797**MOON 3-20-4-2****Drill 7 7/8" hole with fresh water****Date:** 12/17/2009

NDSI #1 at 4225. 4 Days Since Spud - Survey at a depth of 3697' 2 1/2 degrees - Drill 7 7/8" hole with fresh water to a depth of 3770' - Rig service and function test BOP and crown-o-matic - Drill 7 7/8" hole with fresh water to a depth of 4225'

Daily Cost: \$0**Cumulative Cost:** \$152,322**MOON 3-20-4-2****TOOH****Date:** 12/18/2009

NDSI #1 at 4610. 5 Days Since Spud - Trip out of hole - Fill hole. Drill string was plugged - Trip in hole - Dress bit # 2 and function test blind rams - Trip out to pick up a drop and attempt to straighten well - Circulate - Drill 7 7/8" hole with fresh water to a depth of 4630' - Survey at a depth of 4537' 4 degrees - Drill 7 7/8" hole with fresh water to a depth of 4610' - Survey at a depth of 4287' 3 degrees - Rig service function test BOP and crown-o-matic - Drill 7 7/8" hole with fresh water to a depth of 4362'

Daily Cost: \$0**Cumulative Cost:** \$176,327**MOON 3-20-4-2****TOOH****Date:** 12/19/2009

NDSI #1 at 5220. 6 Days Since Spud - Change out M.M. - Funtion test pipe rams and crown o matic - Trip in hole - Fill pipe pressure up - Drill sting plugged - Work pipe clear and unplug string - Trip out of hole - Survey @ 4819' 3.5° - Check flow 0 - Drill 7 7/8" hole with fresh water to a depth of 5109' - Survey @ 5037' 3.5° No flow - Drill 7 7/8" hole with fresh water to a depth of 5220' - Drill 7 7/8" hole with fresh water to a depth of 4891'

Daily Cost: \$0**Cumulative Cost:** \$190,132**MOON 3-20-4-2****Drill 7 7/8" hole with fresh water****Date:** 12/20/2009

NDSI #1 at 6204. 7 Days Since Spud - Survey @ 6038' 4° no flow - Drill 7 7/8" hole with fresh water to a depth of 5297' - Rig Service funtion test pipe rams and crownomatic - Survey @ 5223' 3° - Drill 7 7/8" hole with fresh water to a depth of 5609' - Survey @ 5535' 3° No flow - Drill 7 7/8" hole with fresh water to a depth of 6110" - Drill 7 7/8" hole with fresh water to a depth of 6204'

Daily Cost: \$0**Cumulative Cost:** \$203,937**MOON 3-20-4-2****Logging****Date:** 12/21/2009

NDSI #1 at 6875. 8 Days Since Spud - Drill 7 7/8" hole with fresh water to a depth of 6875' TD - Rig service funtion test pipe rams and crownomatic - Drill 7 7/8" hole with fresh water to a depth of 6391' - Lay down DP & BHA - Circulate for logs- Fix table lock- No flow - Drop survey 3.5°

Daily Cost: \$0**Cumulative Cost:** \$218,342**MOON 3-20-4-2****Wait on Completion****Date:** 12/22/2009

NDSI #1 at 6875. 9 Days Since Spud - CMT w/BJ Pump 300 sks PL II +3% KCL +5#CSE+0.5#CF+2#KOL+.5SMS+FP+SF mixed @ 11ppg - R/U Psi run DISGL/SP/GR suite TD to surface- DSN/SDL/GR/CAL suite TD to 3000' Loggers TD (6878') - Circulate csg w/rig pump - R/U Liddell csg run 184jt 5.5 15.5# j-55 LTC-tag -GS set @6875.18' KB -FC set @ 6832.43' KB - R/U Quicktest - test csg rams @ 2000psi - Clean mud tanks - Nipple down set 5.5 csg slips w/110,000# tension - yield @ 3.54 Then tail of 400 sk 50:50:2+3%KCL+0.5%

EC-1+.25# SK CF+.05#SF+.3SMS+FP-6L - Mixed @ 14.4 ppg yeild @ 1.24 return 12 bbls to
pit Bump plug to 2672 psi

Daily Cost: \$0

Cumulative Cost: \$325,884

MOON 3-20-4-2

Rigging down

Date: 1/6/2010

NDSI #1 at 630. 10 Days Since Spud - RD to move to Moon 3-20-4-2

Daily Cost: \$0

Cumulative Cost: \$330,466

Pertinent Files: Go to File List



GARY R. HERBERT
Governor

SPENCER J. COX
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

August 21, 2014

CERTIFIED MAIL NO.: 7011 2970 0001 8828 1559

Mr. Kirby Carroll
Newfield Production Company
1001 17th Street, STE 2000
Denver, CO 80202

43 013 50007
MOON 3-20-4-2
20 AS ZW

Subject: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

Dear Mr. Carroll:

As of April 2014, Newfield Production Company (Newfield) has eighteen (18) State Lease Wells and three (3) Fee Lease Wells (see attachment A) that are currently in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status. Fifteen (15) wells were added to Newfield's SI/TA list in 2014.

Six (6) of these wells (attachment A) have previously been issued notices of non-compliance and were later granted extensions which have since expired in August, 2013. Five (5) of these wells (attachment A) have been shut-in beyond five (5) years and are cause for concern due to possible surface issues. The Gulf State wells were inspected by the Division and the State of Utah School & Institutional Trust Lands Administration (SITLA) recently showing multiple issues on site. These wells need to be addressed immediately and comply with rule R649-3-36-1.3.3 concerning the length of time SI/TA.

The State 16-2 well has known surface issues. It has been shut-in for over 50 years. The Division had previously granted SI/TA extension for the State 16-2 based on well integrity and under the intention of waiting for water flood expansion. The area was drilled for 20 acre wells in early 2013; therefore the reason for the State 16-2 remaining shut-in is no longer valid.

Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1)
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and

3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

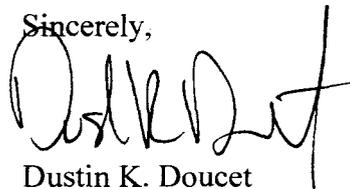
Please note that the Divisions preferred method for showing well integrity is by MIT

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet
Petroleum Engineer

DKD/JP/js

cc: Compliance File
Well File
LaVonne Garrison, SITLA

N:\O&G Reviewed Docs\ChronFile\PetroleumEngineer\SITA

ATTACHMENT A

	Well Name	API	LEASE	Years Inactive	Prior Notice
1	STATE 16-2	43-013-30552	ML-3453B	50 years 3 months	2 nd NOTICE
2	SUNDANCE 16-32-8-18	43-047-34466	ML-22058	10 years 3 months	2 nd NOTICE
3	GULF STATE 36-22	43-047-31892	ML-22057	7 years 3 months	2 nd NOTICE
4	GULF STATE 36-13	43-047-31345	ML-22057	6 years 6 months	1 ST NOTICE
5	GULF STATE 36-12	43-047-31864	ML-22057	5 years 3 months	1 ST NOTICE
6	NGC ST 33-32	43-047-31116	ML-22058	2 years 5 month	1 ST NOTICE
7	ASHLEY ST 12-2-9-15	43-013-32576	ML-43538	1 year 5 months	
8	ODEKIRK SPRING 4-36-8-17	43-047-32764	ML-44305	1 year 6 months	
9	GMBU G-32-8-16	43-013-50835	ML-21836	2 years 8 months	
10	HANCOCK 11-23-4-1	43-047-33081	FEE	1 year 3 months	
→ 11	MOON 3-20-4-2	43-013-50007	FEE	1 year 1 month	
12	S MON BUTTE ST P-2-9-16	43-013-50118	ML-21839	1 year 9 months	
13	STATE 2-2-9-18	43-047-35774	ML-48377	2 years 2 months	
14	STATE 3-16-9-18	43-047-35813	ML-48378	1 year 1 month	
15	STATE 5-2-9-18	43-047-35777	ML-48377	1 year 2 months	
16	STATE 5-36-8-15	43-013-34230	ML-21835	1 year 11 months	
17	STATE 6-36-8-15	43-013-34229	ML-21835	3 years 3 months	
18	STATE 7-2-9-18	43-047-35787	ML-48377	1 year 5 months	
19	TERRY-PREWITT 11-19-4-1	43-013-50074	FEE	2 years 2 months	
20	WELLS DRAW 4-32-8-16	43-013-32222	ML-21836	1 year 2 months	
21	WELLS DRAW ST 7-36	43-013-30934	ML-21835	1 year	

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	8. WELL NAME and NUMBER: MOON 3-20-4-2
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013500070000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2095 FSL 0591 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 20 Township: 04.0S Range: 02.0W Meridian: U	9. FIELD and POOL or WILDCAT: SOUTH MYTON BENCH
	COUNTY: DUCHESNE
	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 Approximate date work will start: 12/17/2014	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR 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"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Newfield proposes to Plug and Abandon this above mentioned well. See attached proposed Plug and Abandon Procedure.

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: January 27, 2015

By: 

Please Review Attached Conditions of Approval

NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A	DATE 12/17/2014	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43013500070000

- 1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.**
- 2. Add Plug #1B: A 100' plug (± 12 sx) shall be balanced from $\pm 2800'$ to 2700'. This will isolate the Green River formation top.**
- 3. All balanced plugs shall be tagged to ensure that they are at the depth specified.**
- 4. All annuli shall be cemented from a minimum depth of 100' to the surface.**
- 5. The interval between plugs shall be filled with noncorrosive fluid of adequate density to prevent migration of formation water into or through the well bore (R649-3-24-3.5).**
- 6. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration.**
- 7. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.**
- 8. If there are any changes to the procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.**
- 9. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.**

12/24/2014

Wellbore Diagram

r263

API Well No: 43-013-50007-00-00 Permit No: Well Name/No: MOON 3-20-4-2

Company Name: NEWFIELD PRODUCTION COMPANY

Location: Sec: 20 T: 4S R: 2W Spot: NWSW

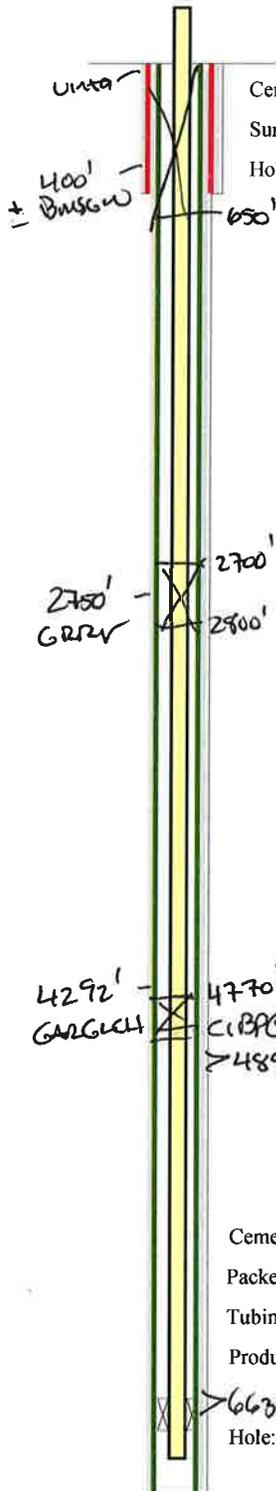
Coordinates: X: 573240 Y: 4441313

Field Name: SOUTH MYTON BENCH

County Name: DUCHESNE

String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)	Capacity (F/ct)
HOL1	628	12.25			
SURF	628	8.625	24	628	2.797
HOL2	6875	7.875			
PROD	6875	5.5	15.5	6875	7.483
TI	6709	2.875			
PKR	6575				



Cement from 628 ft. to surface
 Surface: 8.625 in. @ 628 ft.
 Hole: 12.25 in. @ 628 ft.

Plug #2
 $(7.625)(1.15)(7.483) = 654'$
 to @ Surf ✓

Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
PROD	6875	30	HS	300
PROD	6875	30	50	425
SURF	628	0	G	336

Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
4890	6630			

Formation Information

Formation	Depth
UNTA	0
BMSW	400
GRRV	2750
GARGL	4292
DGCRK	5335
CSLPK	6272

Cement from 6875 ft. to 30 ft.
 Packer: @ 6575 ft.
 Tubing: 2.875 in. @ 6709 ft.
 Production: 5.5 in. @ 6875 ft.

Plug #1
 $(1.25)(1.15)(7.483) = 103'$
 TOC @ 4770 ✓

Hole: 7.875 in. @ 6875 ft.

TD: 6875 TVD: 6875 PBD: 6760

NEWFIELD PRODUCTION COMPANY**Moon 3-20-4-2****Plug & Abandonment Procedure**

DOWNHOLE DATA		
Elevation:	5424' GL; 5436' RKB	
TD:	6875'	
Surface casing:	8-5/8" J55 24# @ 476' cmt w/336 sx	Circ. To surf.
Production casing:	5-1/2" J55 15.5# @ 6406' cmt w/300 sxs prem. lite and 425 sxs 50/50 poz	ID: 4.950"; Drift: 4.825" TOC @ 30'
PBTD:	6760'	
Tubing:	201 jts - 2-7/8" 6.5# J55 & SN @ 6615 EOT @ 6682'.	
Existing Perfs:	See WBD	
Notes:	No cased hole probs noted	

PROCEDURE

1. Notify BLM or Utah DOGM as necessary prior to P&A. Dig, line, and fence pit as necessary for cement wash up and returns.
2. Blow down tbg. MIRU SU.
3. POOH w/ rods.
4. ND wellhead. Strip on and NU BOP. TOOH and tally 2-7/8" tbg.
5. MU 5-1/2" 15.5# casing scraper and round trip to $\pm 4870'$. Set 5-1/2" cast iron bridge plug at $\pm 4870'$.
6. RIH w/ tbg to $\pm 4870'$. RU cementing company.
7. **Plug #1:** Mix and pump a total of 12 sxs Class G neat cement or equivalent (13.8 ft³) cement from 4870' up to 4770'. POOH above cement and wait for cement to cure (approx. 4 hrs) then tag TOC.
8. POOH to $\pm 650'$.
9. **Plug #2:** Mix and pump a total of 76 sxs Class G neat cement or equivalent (87.4 ft³) cement from 650' up to surface. POOH w/ tbg and top off cement.
10. ND BOP and NU tubing head adapter or other w/ valve.
11. RDMO cementing company and rig.
12. MI welder and cut off 5-1/2" and 8-5/8" casing below grade and weld on P&A marker.

Moon 3-20-4-2

Spud Date: 12/06/2009
 Put on Production: 01/14/2010
 GL: 5424' KB: 5436'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 13 jts. (572.32')
 DEPTH LANDED: 628.17'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 336 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 183 jts. (6819.78)
 HOLE SIZE: 7-7/8"
 TOTAL DEPTH: 6875.18'
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
 CEMENT TOP AT: 30'

TUBING

SUCKER RODS

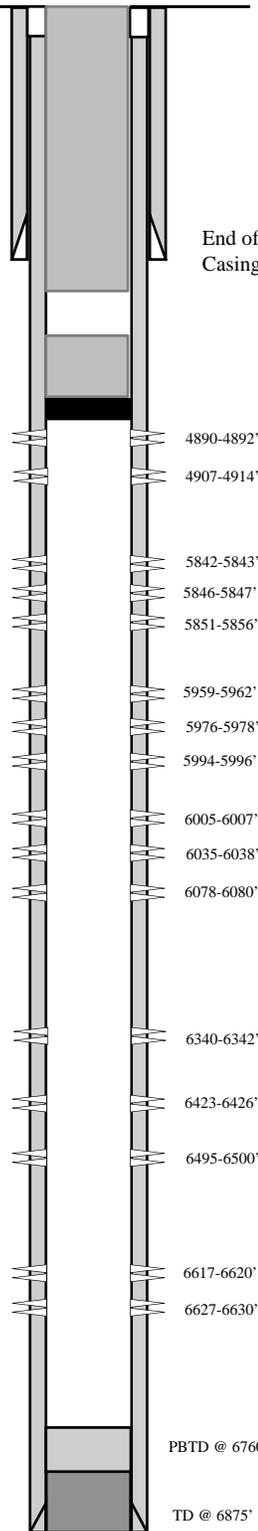
Cement top: 30'

Plug #2: 650' up to surface

Plug #1: 4870' up 4770'

Cast Iron Bridge Plug: 4870'

End of surf. Casing: 628'



FRAC JOB

1-14-10	6617-6630'	Frac CP5 sands as follows: Frac with 19879# 20/40 sand in 166 bbls Lightning 17 fluid.
1-14-10	6340-6500'	Frac CP4, CP.5 & CP3 sands as follows: Frac with 37803# 20/40 sand in 238 bbls Lightning 17 fluid.
1-14-10	5959-6080'	Frac LODC sands as follows: Frac with 201070# 20/40 sand in 1225 bbls Lightning 17 fluid.
1-14-10	5842-5856'	Frac A1 sands as follows: Frac with 48201# 20/40 sand in 311 bbls Lightning 17 fluid.
1-14-10	4890-4914'	Frac GB6 sands as follows: Frac with 52450# 20/40 sand in 313 bbls Lightning 17 fluid.

5/26/2010 Pump change. Updated rod and tubing detail.

3/15/2011 Parted rods. Updated rod and tubing detail.

PERFORATION RECORD

6627-6630'	3 JSPF	9 holes
6617-6620'	3 JSPF	9 holes
6495-6500'	3 JSPF	15 holes
6423-6426'	3 JSPF	9 holes
6340-6342'	3 JSPF	6 holes
6078-6080'	3 JSPF	6 holes
6035-6038'	3 JSPF	9 holes
6005-6007'	3 JSPF	6 holes
5994-5996'	3 JSPF	6 holes
5976-5978'	3 JSPF	6 holes
5959-5962'	3 JSPF	9 holes
5851-5856'	3 JSPF	15 holes
5846-5847'	3 JSPF	3 holes
5842-5843'	3 JSPF	3 holes
4907-4914'	3 JSPF	21 holes
4890-4892'	3 JSPF	6 holes

NEWFIELD



Moon 3-20-4-2
 2095' FSL & 591' FWL (NW/SW)
 Section 20, T4S, R2W
 Duchesne Co, Utah
 API # 43-013-500078; Lease: FEE



GARY R. HERBERT
Governor

SPENCER J. COX
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

November 28, 2016

CERTIFIED MAIL NO.: 7015 0640 0003 5276 0440

Mr. Kirby Carroll
Newfield Production Company
1001 17th Street, STE 2000
Denver, CO 80202

43 013 50007
Midon 3-20-4-2
20 AS 2W

Subject: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

Dear Mr. Carroll:

As of August 2016, Newfield has thirty-two (32) State and Fee Lease Wells (see attachment A) that are currently in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status.

Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas and Mining with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Please note that the Divisions preferred method for showing well integrity is by MIT.

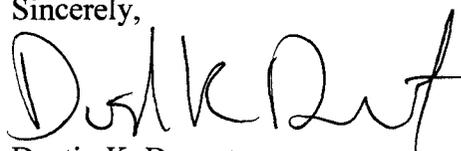
Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

All Submittals should be sent via ePermit

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet
Petroleum Engineer

DKD/DD/js

cc: Compliance File
Well File
LaVonne Garrison, SITLA

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ATTACHMENT A

	Well Name	API	LEASE	Years.Months Inactive
1	GMBU 2-16-9-18H	43-047-52013	ML-48378	4.4
2	Gulf State 36-13	43-047-31345	ML-22057	9.2
→ 3	Moon 3-20-4-2	43-013-50007	Fee	3.5
4	S Mon Butte ST P-2-9-16	43-013-50118	ML-21839	3.6
5	State 3-16-9-18	43-047-35813	ML-48378	3.5
6	Wells Draw ST 7-36	43-013-30934	ML-21835	3.4
7	Prewitt 10-24	43-013-31865	Fee	3.2
8	W Draw ST N-32-8-16	43-013-34146	ML-45555	2.4
9	Wells Draw 2-32-8-16	43-013-32220	ML-21836	2.3
10	GMBU N-2-9-15	43-013-50910	ML-43538	2.2
11	GMBU M-2-9-15	43-013-50909	ML-43538	2.1
12	Moon 1-29-4-2	43-013-50006	Fee	2.0
13	Moon 1-20-4-2	43-013-50008	Fee	2.0
14	State 1-36-8-15	43-013-34234	ML-21835	2.5
15	Ashley ST 6-2-9-15	43-013-32584	ML-43538	1.10
16	Allen Trust 2-24	43-013-31944	Fee	1.9
17	Lamb 4-34-4-1E	43-047-40272	Fee	1.5
18	Wells Draw 4-32-8-16	43-013-32222	ML-21836	1.8
19	Greater Mon Butte T-36-8-16	43-013-50211	ML-22061	1.8
20	Williams #14-8-4-2	43-013-50617	Fee	1.8
21	Hancock 11-21-4-1	43-013-33242	Fee	1.5
22	Malnar 9-19-4-1	43-013-33913	Fee	1.2
23	Hancock 16-20-4-1	43-013-33914	Fee	1.0
24	State 12-36-8-15	43-013-34224	ML-21835	2.1
25	State 4-36-8-15	43-013-34231	ML-21835	1.4
26	Roberts 4-19-4-1	43-013-50072	Fee	1.1
27	Mon Butte East K-36-8-16	43-013-50112	ML-22061	1.1
28	S Mon Butte ST N-2-9-16	43-013-50117	ML-21839	1.4
29	Wilcken 16-23-4-2	43-013-50304	Fee	1.0
30	Hancock 12-7-4-1W	43-013-50422	Fee	1.3
31	State 1-16-9-18	43-047-35811	ML-48378	1.6
32	Lamb 1-34-4-1E	43-047-40275	Fee	1.1



GARY R. HERBERT
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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

December 14, 2016

CERTIFIED MAIL NO.: 7015 0640 0003 5276 0525

Ms. Assiya Bekniyazova
Newfield Production Company
4 Waterway Square PL, STE 100
The Woodlands, TX 77380

43 013 50007
Moon 3-20-4-2
20 4S 2W

Subject: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

Dear Ms. Bekniyazova:

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Page 2
Newfield
December 14, 2016

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Petroleum Engineer

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