

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 Lamb #1-19-3-1			
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 WILDCAT			
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') Karl L. Lamb				14. SURFACE OWNER PHONE (if box 12 = 'fee') 435-823-6626			
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') P.O. Box 332, Myton, UT 84052				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	1196 FNL 1125 FWL	NWNW	19	3.0 S	1.0 W	U	
Top of Uppermost Producing Zone	1196 FNL 1125 FWL	NWNW	19	3.0 S	1.0 W	U	
At Total Depth	1196 FNL 1125 FWL	NWNW	19	3.0 S	1.0 W	U	
21. COUNTY DUCHESNE		22. DISTANCE TO NEAREST LEASE LINE (Feet) 1196		23. NUMBER OF ACRES IN DRILLING UNIT 160			
		25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 0		26. PROPOSED DEPTH MD: 11500 TVD: 11500			
27. ELEVATION - GROUND LEVEL 5086		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 Don Hamilton	TITLE Permitting Agent (Buys & Associates, Inc)	PHONE 435 719-2018
SIGNATURE	DATE 08/25/2010	EMAIL starpoint@etv.net
API NUMBER ASSIGNED 43013504250000	APPROVAL  Permit Manager	

Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Prod	8.75	5.5	0	11500		
Pipe	Grade	Length	Weight			
	Grade P-110 LT&C	11500	23.0			

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Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Surf	12.25	9.625	0	3000		
Pipe	Grade	Length	Weight			
	Grade J-55 LT&C	3000	36.0			

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Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Cond	17.5	13.375	0	500		
Pipe	Grade	Length	Weight			
	Grade H-40 ST&C	500	48.0			

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HARVEST (US) HOLDINGS, INC.

Lamb #1-19-3-1
 Section 19-T3S-R1W
 Duchesne County, Utah

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS

UINTAH 0'
 GREEN RIVER 3,710'
 UTELAND BUTTE 8,242'
 WASATCH 8,658'
 TD 11,500'

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

Wasatch (Oil & Gas) 8,658' – 11,500'

Fresh water may be encountered in the Uintah Formation, but would not be expected below about 500'.

4. PROPOSED CASING PROGRAM

a. Casing Design:

Size	Interval		Wt	Grade	Coupling	Design Factors		
	Top	Bottom				Burst	Collapse	Tension
Conductor 20" Hole size 26"	0'	60'	0.25WT	X-42	A53B	N/A	N/A	N/A
Deep Conductor 13 3/8" Hole Size 17 1/2"	0'	500'	48.0	H-40	STC	1,730 psi 7.92 SF	740 psi 3.39 SF	322,000 lbf 13.41 SF
Surface 9 5/8" Hole Size 12 1/4"	0'	3,000'	36	J-55	LTC	3,520 psi 1.88 SF	2,020 psi 1.44 SF	453,000 lbf 4.84 SF
Production 5 1/2" Hole Size 8 3/4"	0'	11,500'	23	P-110	LTC	13,580 psi 1.14 SF	14,540 psi 1.92 SF	643,000 lbf 2.43 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 = 12.45 ppg
 - Pore pressure at surface casing shoe = 8.33 ppg
 - Pore pressure at production casing shoe = 11.5 ppg
 - Gas gradient = 0.115 psi/ft

CONFIDENTIAL STATUS

Frac gradient = 0.93 psi/ft

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

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			
Conductor casing 20"	60' to surface	HALCEM system + 2% CaCl ₂ + 1/8 lb/sk Poly-E-Flake	185	100%	14.8	1.35
			250			
Deep Conductor 13 3/8"	500' to surface	HALCEM system + 2% CaCl + 1/8 lb/sk Poly-E-Flake	400	50%	14.8	1.35
			540			
Surface casing 9 5/8" Lead	2500' to surface	VARICEM system + 1/4 lb/sk Poly-E-Flake + 5 lb/sk Gilsonite + 1 lb/sk Granulite TR	515	100%	11.5	2.82
			1452			
Surface casing 9 5/8" Tail	3000' to 2500'	HALCEM system + 2% CaCl + 1/8 lb/sk Flocele	250	100%	14.8	1.35
			338			
Production casing 5 1/2" Lead	8000' to surface	EXPANDACEM system	1515	25%*	13.0	1.58
			2394			
Production casing 5 1/2" Tail	11500' to 8000'	BONDCEM system	595	25%*	14.0	1.30
			774			

*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 9-5/8" 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 ensure 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.

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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.

5. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS

<i>Depth</i>	<i>Type</i>	<i>MW</i>	<i>Vis</i>	<i>API Fluid Loss</i>
0-80'	Air or Water	8.33	N/A	N/A
80-500'	Air or Water/Gel Sweeps	8.4-8.6	45-55	N/C
500'-3,000'	Air/Mist or Water/Gel w/ FL ctl	8.8-9.0	45-60	8-10
3,000'-11,500'	Water Base Mud	9.0-11.5	45	2-3

From surface to 500' feet will be drilled with air or fresh water and gel sweeps. From 500'-3,000', when hole conditions dictate, air or a fresh water gel system will be utilized. From 3,000' to Total Depth (TD), a Water Base Mud will be used. This system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight at TD is 11.5 ppg.

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/Wasatch well are as follows:

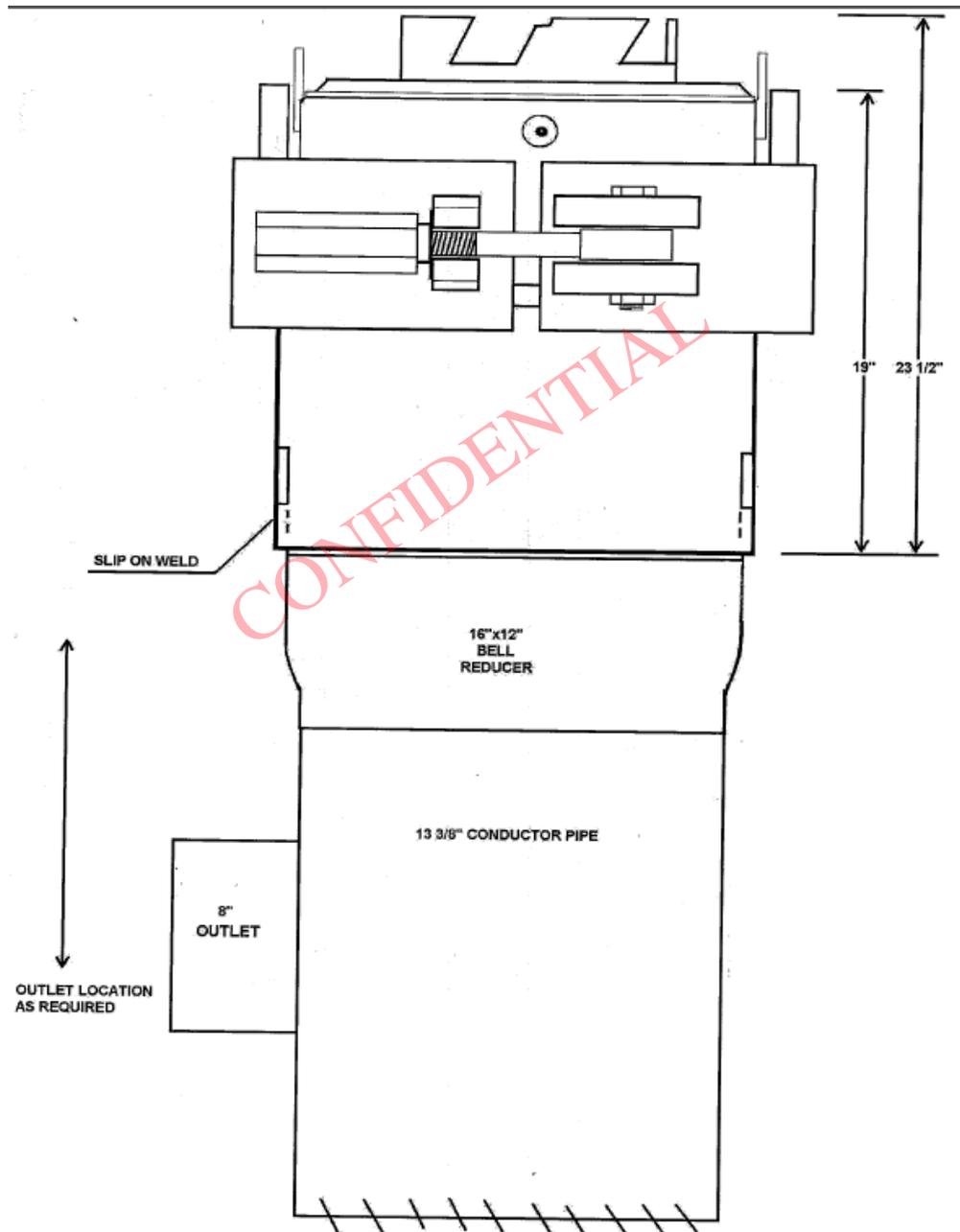
12-1/4" hole: 500' – 3000'.

A diverter system will be used with a minimum diameter of 8" flow line being plumbed to the cuttings pit if on air/mist system or directly to the mud system if it is necessary to convert to a fluid system if air volumes are insufficient.

Connections – All connections on the riser to the diverter will be welded. Flow line will be saddled to the riser with connections downstream being either welded or screwed.

Working pressure of the diverter element will exceed the friction pressure of any fluid in the 8" line to the open mud system pumping a flowrate sufficient to clean the hole.

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8 3/4" hole: 3000' - PTD

A 5000 psi WP hydraulic BOP stack consisting of a double ram preventer and 3000 psi WP annular preventer will be installed before drilling beneath 9 5/8" surface casing.

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.

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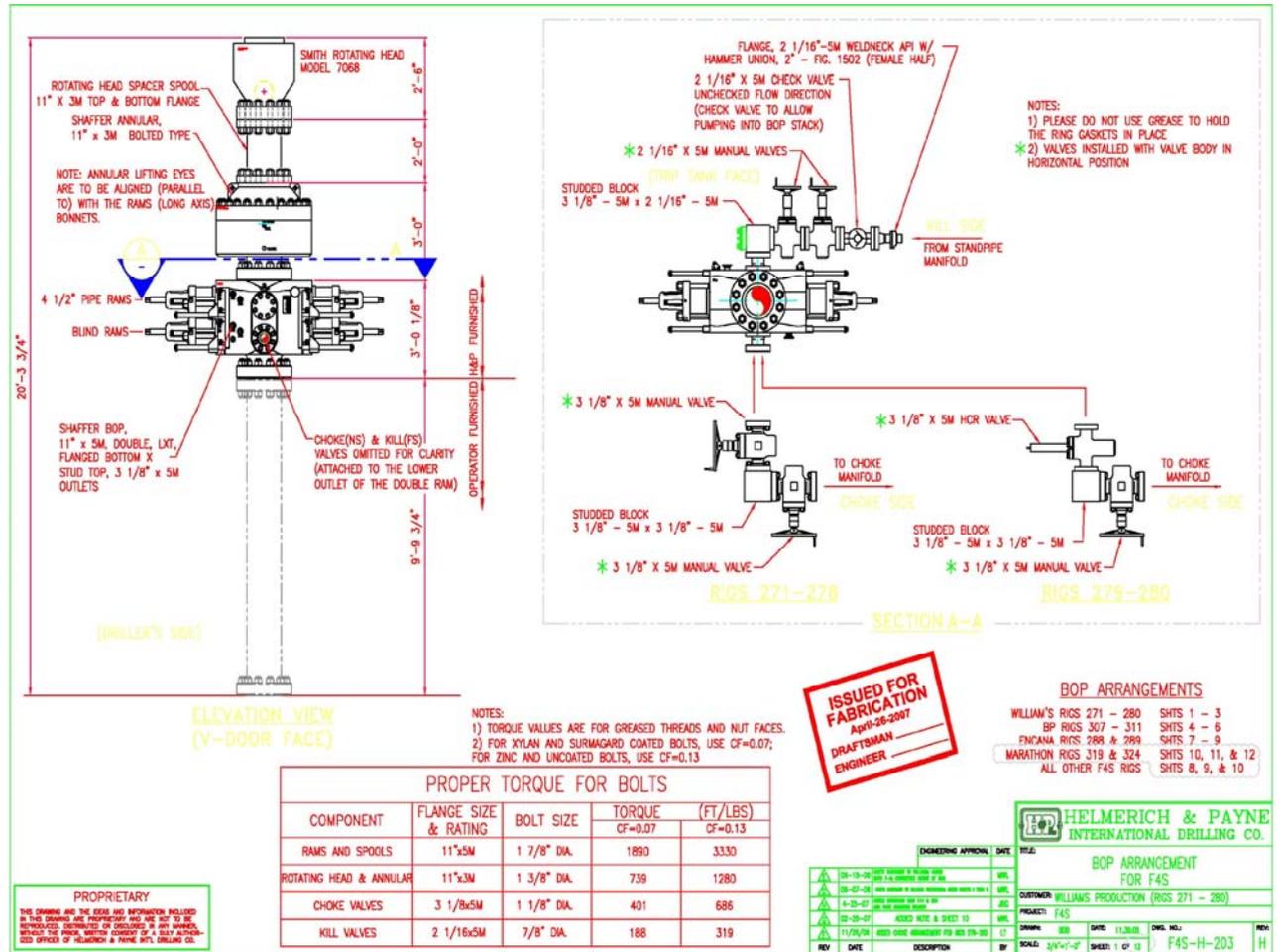
Pressure Monitoring – A means of monitoring the inlet pressure of the choke manifold shall be provided. The capability to isolate this outlet shall be provided.

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 5000 psi system, and individual components shall be operable as designed.

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.



8. TESTING, LOGGING AND CORING PROGRAMS

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a. Logging Program:

QUAD COMBO – TLD/CNL/DSI/SP/GR TD – 3,000'

CBL: A cement bond log will be run from 11,500' to the cement top of the production casing, calculated to be ground level.

Note: The log types run may change at the discretion of the geologist.

b. Cores: No cores planned

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

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.

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9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE

Abnormal pressures and 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 0.598 psi/foot of depth.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Anticipated Commencement Date:	1 November 2010
Drilling Days:	Approximately 40
Completion Days:	Approximately 21

11. CONTACT INFORMATION:

Buys & Associates, Inc.
Don Hamilton/Regulatory Specialist
435-719-2018 Office
435-719-2019 Fax
435-650-1886 Cell
starpoint@etv.net

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.
Jeff Schrutka
Drilling & Completion Manager
281-899-5776 Office
713-231-8319 Cell
bberry@harvestnr.com

T3S, R1W, U.S.B.&M.

HARVEST (US) HOLDINGS, INC.

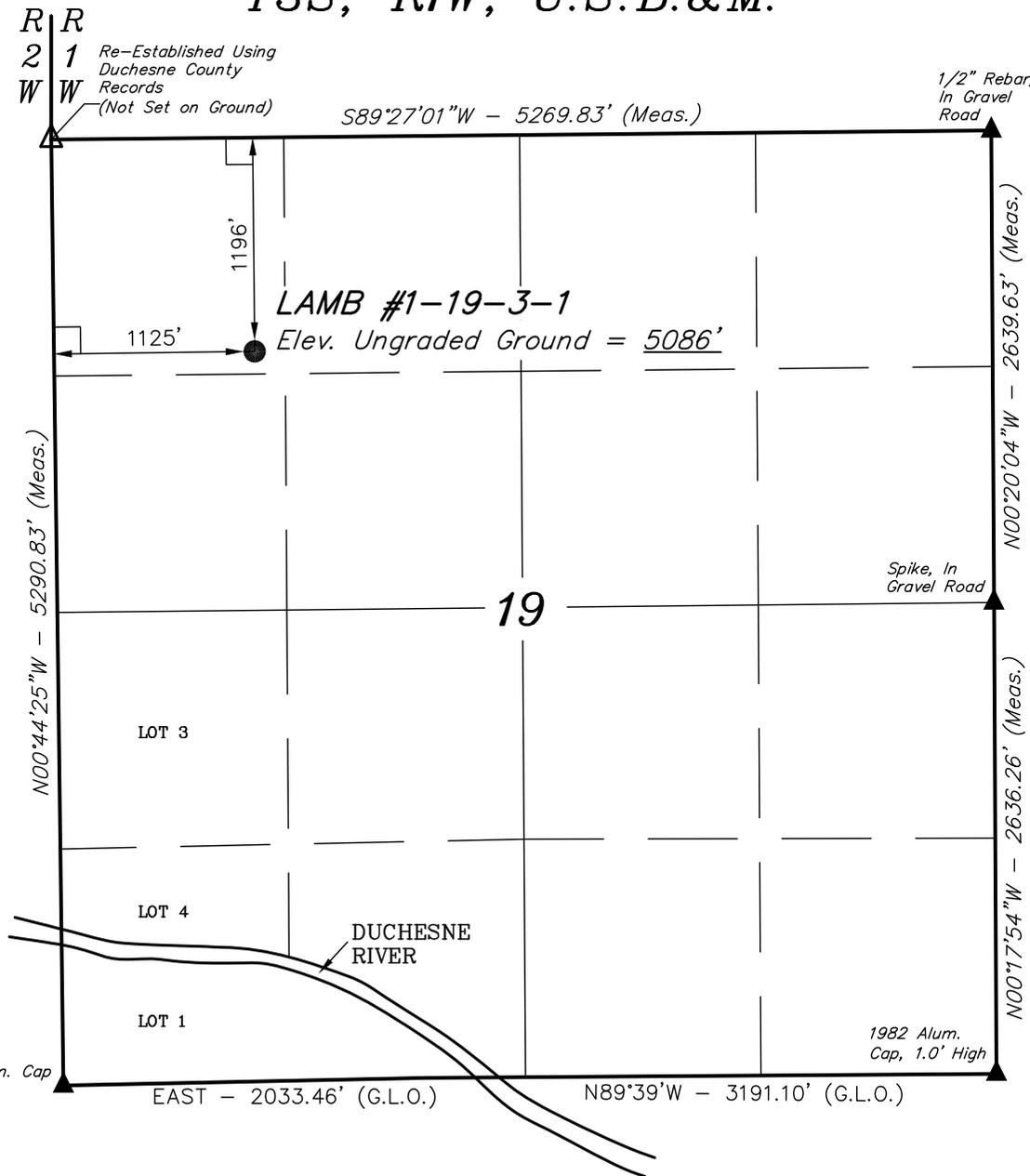
Well location, LAMB #1-19-3-1, located as shown in the NW 1/4 NW 1/4 of Section 19, T3S, R1W, U.S.B.&M., Duchesne County, Utah.

BASIS OF ELEVATION

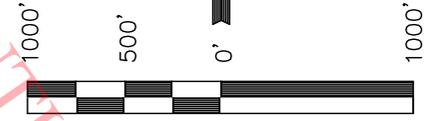
SPOT ELEVATION LOCATED AT THE SOUTHEAST CORNER OF SECTION 20, T3S, R2W, U.S.B.&M. TAKEN FROM THE MYTON, QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5148 FEET.

BASIS OF BEARINGS

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



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SCALE
CERTIFICATE

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

REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161319
 STATE OF UTAH

Revised: 10-08-10

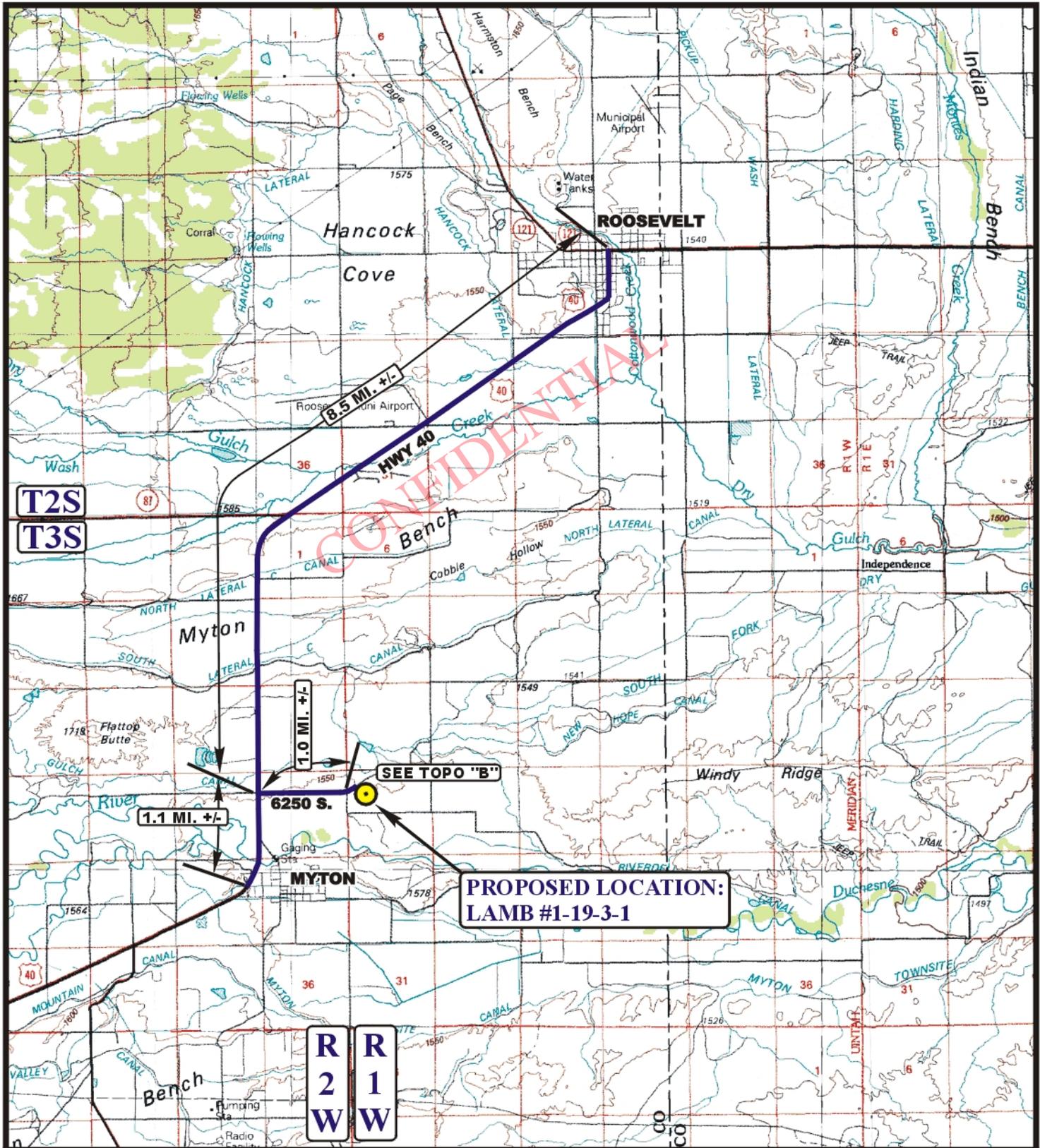
UINTAH ENGINEERING & LAND SURVEYING
 85 SOUTH 200 EAST - VERNAL, UTAH 84078
 (435) 789-1017

LEGEND:

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

(NAD 83)
 LATITUDE = 40°12'42.52" (40.211811)
 LONGITUDE = 110°02'39.47" (110.044297)
 (NAD 27)
 LATITUDE = 40°12'42.66" (40.211850)
 LONGITUDE = 110°02'36.93" (110.043592)

SCALE 1" = 1000'	DATE SURVEYED: 07-15-10	DATE DRAWN: 08-10-10
PARTY M.A. B.A. K.G.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE HARVEST (US) HOLDINGS, INC.	



**PROPOSED LOCATION:
LAMB #1-19-3-1**

LEGEND:

PROPOSED LOCATION

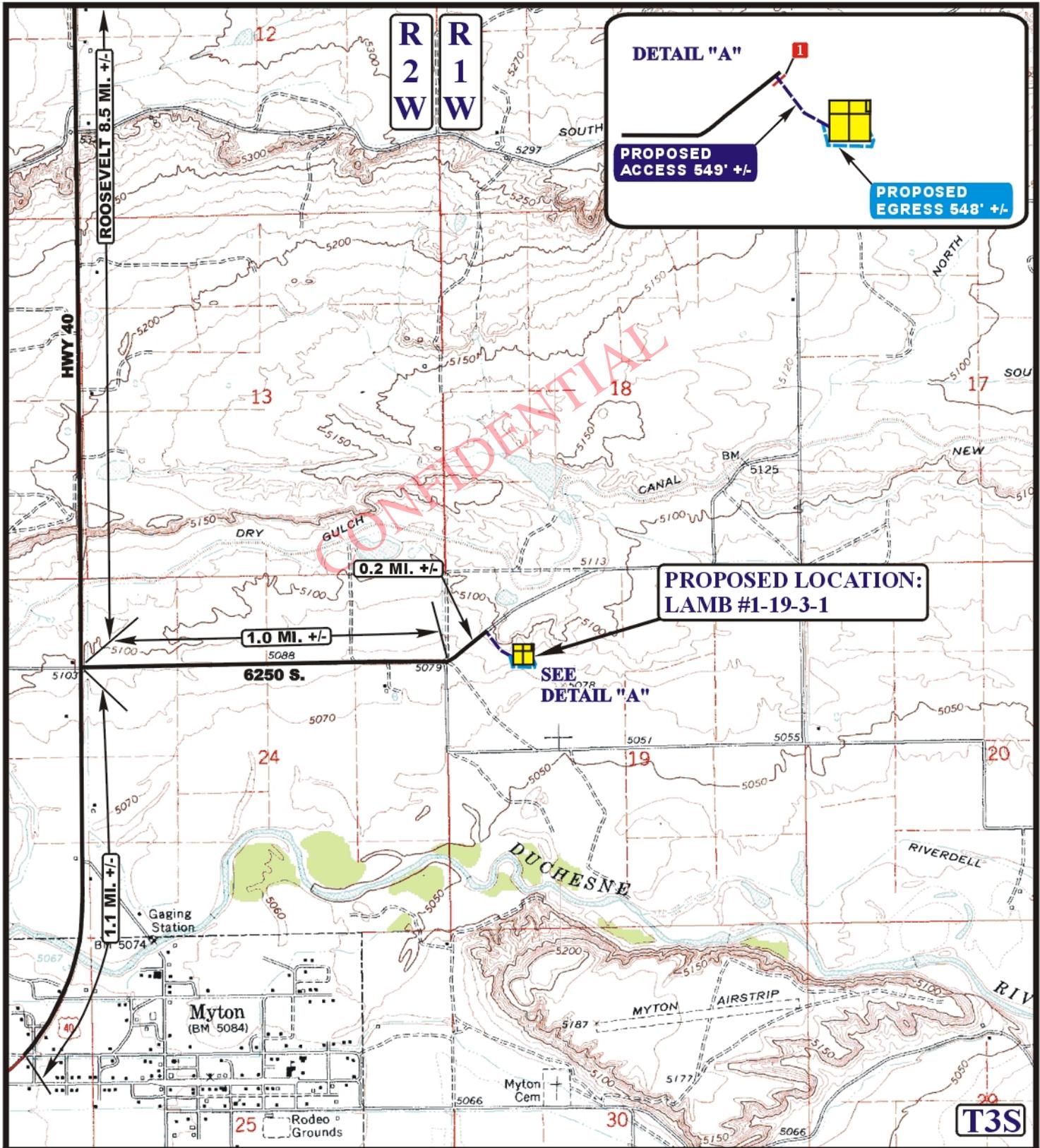
HARVEST (US) HOLDINGS, INC.

**LAMB #1-19-3-1
SECTION 19, T3S, R1W, U.S.B.&M.
1196' FNL 1125' FWL**

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



TOPOGRAPHIC MAP 08 10 10
MONTH DAY YEAR
SCALE: 1:100,000 DRAWN BY: J.L.G. REVISED: 10-11-10 **TOPO**



LEGEND:

- EXISTING ROAD
- PROPOSED ACCESS ROAD
- PROPOSED EGRESS ROUTE
- 18" CMP REQUIRED

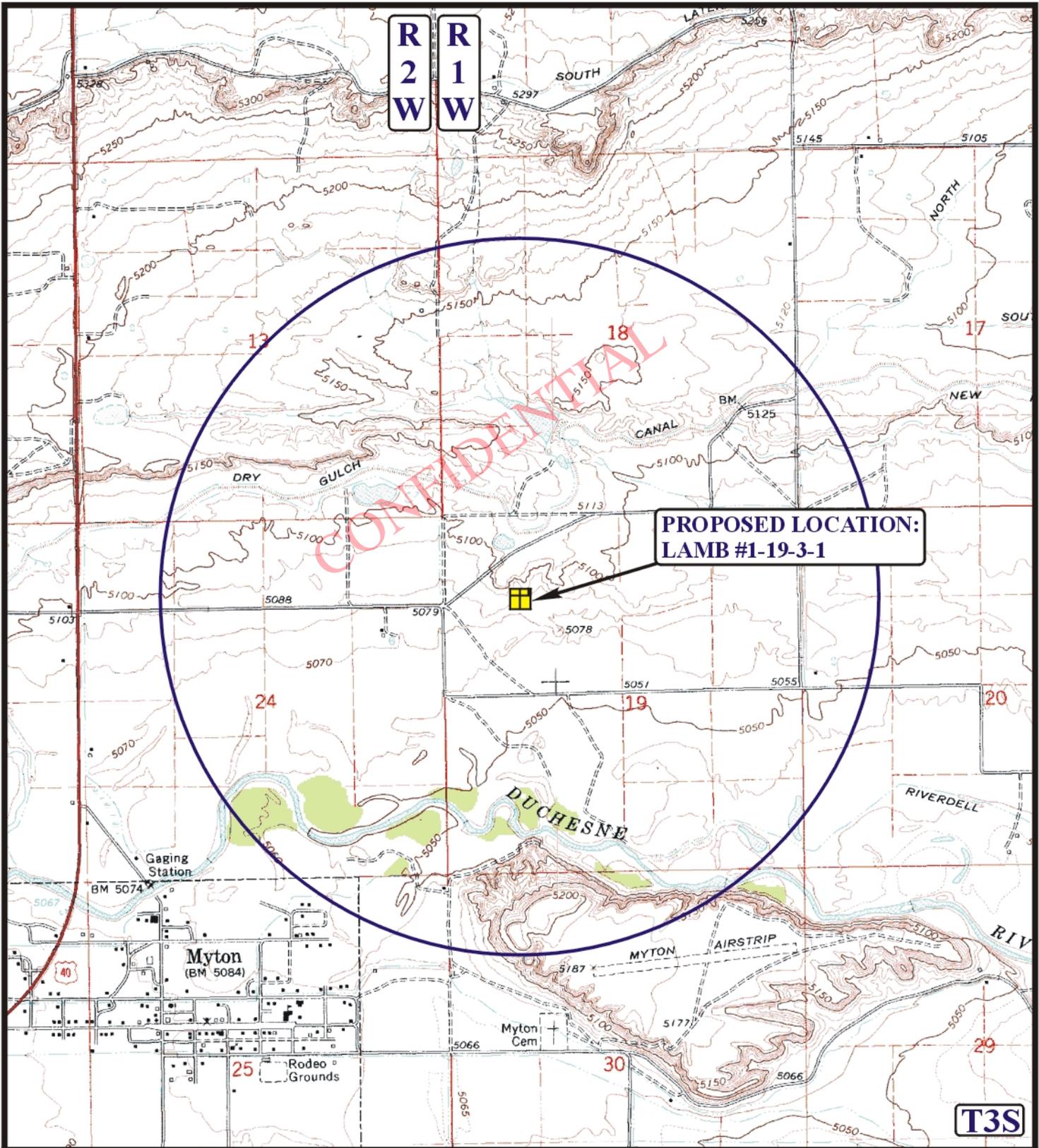
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TOPOGRAPHIC MAP 08 10 10
 MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: J.L.G. REVISED: 10-11-10 **B TOPO**



**PROPOSED LOCATION:
LAMB #1-19-3-1**

LEGEND:

- ⊗ DISPOSAL WELLS
- PRODUCING WELLS
- ⊖ SHUT IN WELLS
- ⊗ WATER WELLS
- ABANDONED WELLS
- ⊖ TEMPORARILY ABANDONED

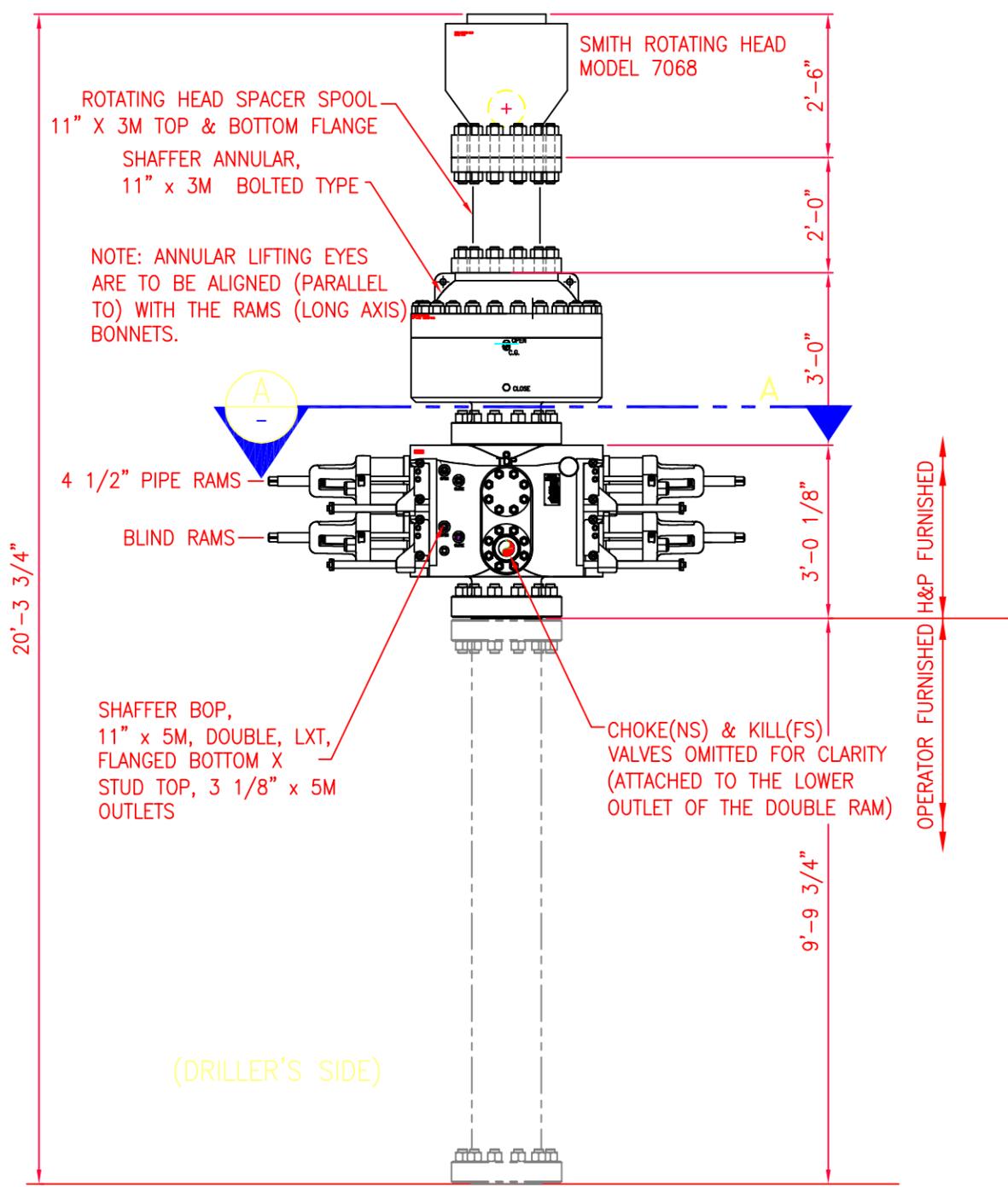
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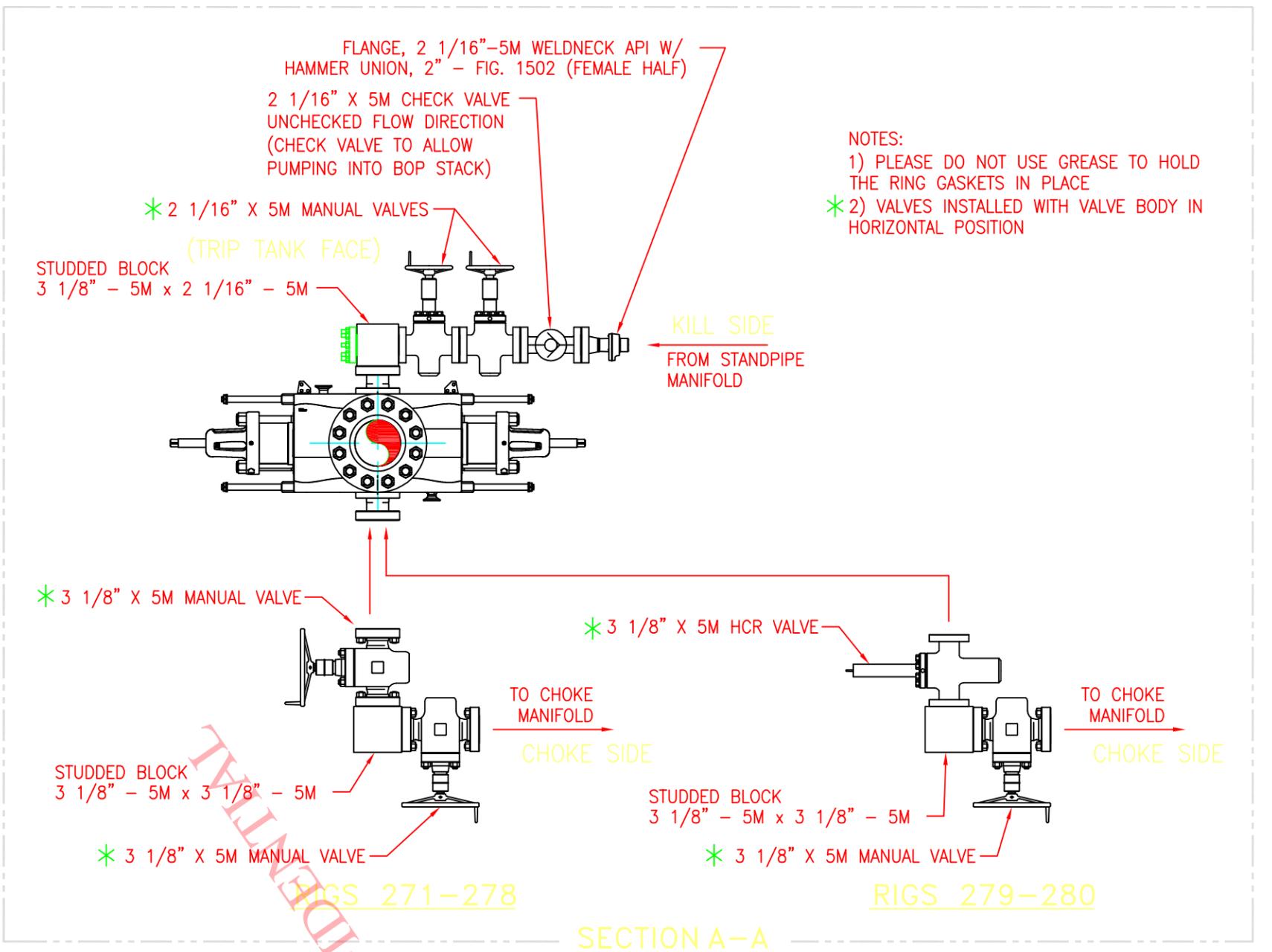
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TOPOGRAPHIC MAP **08 10 10**
 MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: J.L.G. REVISED: 10-11-10 **C TOPO**



ELEVATION VIEW
(V-DOOR FACE)



- NOTES:
- PLEASE DO NOT USE GREASE TO HOLD THE RING GASKETS IN PLACE
 - VALVES INSTALLED WITH VALVE BODY IN HORIZONTAL POSITION

- NOTES:
- TORQUE VALUES ARE FOR GREASED THREADS AND NUT FACES.
 - FOR XYLAN AND SURMAGARD COATED BOLTS, USE CF=0.07; FOR ZINC AND UNCOATED BOLTS, USE CF=0.13

ISSUED FOR FABRICATION
April-26-2007
DRAFTSMAN _____
ENGINEER _____

BOP ARRANGEMENTS

WILLIAM'S RIGS 271 - 280	SHTS 1 - 3
BP RIGS 307 - 311	SHTS 4 - 6
ENCANA RIGS 288 & 289	SHTS 7 - 9
MARATHON RIGS 319 & 324	SHTS 10, 11, & 12
ALL OTHER F4S RIGS	SHTS 8, 9, & 10

COMPONENT	FLANGE SIZE & RATING	BOLT SIZE	TORQUE (FT/LBS)	
			CF=0.07	CF=0.13
RAMS AND SPOOLS	11"x5M	1 7/8" DIA.	1890	3330
ROTATING HEAD & ANNULAR	11"x3M	1 3/8" DIA.	739	1280
CHOKE VALVES	3 1/8x5M	1 1/8" DIA.	401	686
KILL VALVES	2 1/16x5M	7/8" DIA.	188	319

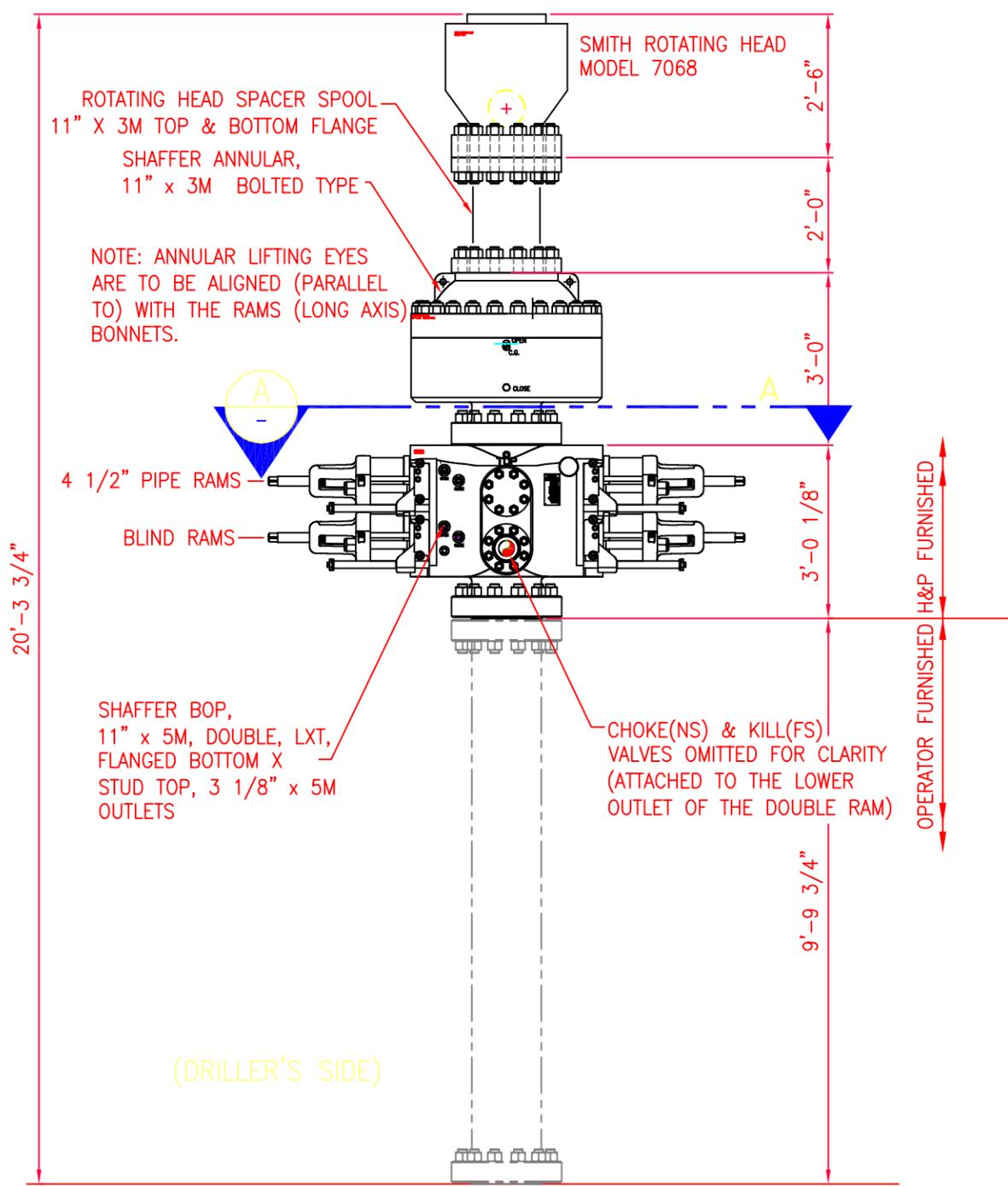
PROPRIETARY
THIS DRAWING AND THE IDEAS AND INFORMATION INCLUDED IN THIS DRAWING ARE PROPRIETARY AND ARE NOT TO BE REPRODUCED, DISTRIBUTED OR DISCLOSED IN ANY MANNER, WITHOUT THE PRIOR, WRITTEN CONSENT OF, A DULY AUTHORIZED OFFICER OF HELMERICH & PAYNE INT'L DRILLING CO.

HELMERICH & PAYNE
INTERNATIONAL DRILLING CO.

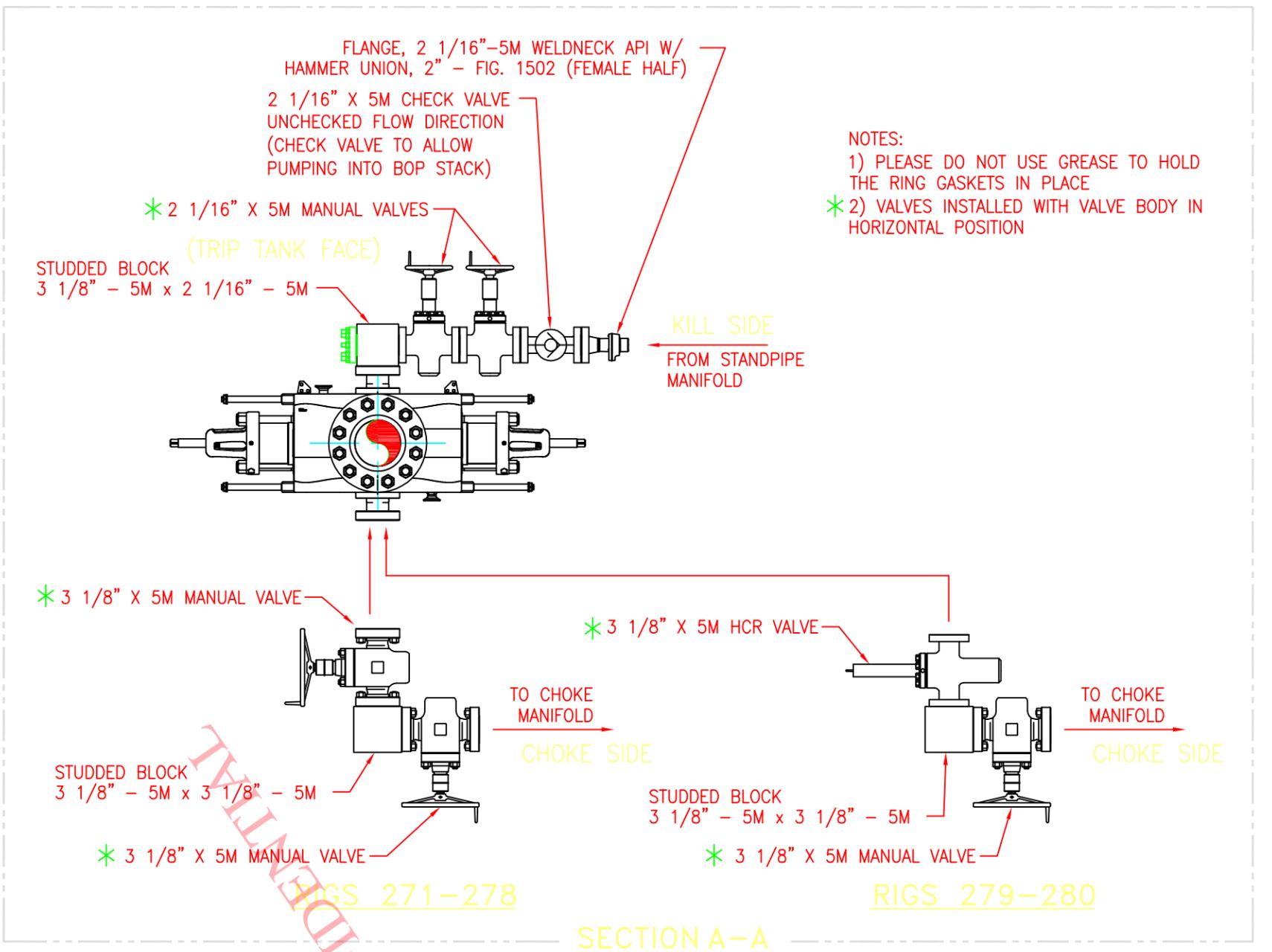
REV	DATE	DESCRIPTION	BY	ENGINEERING APPROVAL	DATE	TITLE:
A	09-18-06	CHFD CUSTOMER TO WILLIAMS; ADDED SHTS 7-9; CORRECTED HEIGHT OF RAM	MWL			BOP ARRANGEMENT FOR F4S
B	09-07-06	CHFD CUSTOMER TO WILLIAMS PRODUCTION; ADDED SHEETS 2 THRU 6	MWL			
C	4-25-07	ADDED MARATHON RIGS 314 & 324 AND PAGE NUMBERS REVISED	JBG			
D	02-26-07	ADDED NOTE & SHEET 10	MWL			
E	11/28/06	ADDED CHOKE ARRANGEMENT FOR RIGS 279-280	LT			

CUSTOMER: WILLIAMS PRODUCTION (RIGS 271 - 280)
PROJECT: F4S
DRAWN: BDB DATE: 11.30.05 DWG. NO.: F4S-H-203
SCALE: 3/4"=1'-0" SHEET: 1 OF 12

APIWellNo:43013504250000



ELEVATION VIEW
(V-DOOR FACE)



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MARATHON RIGS 319 & 324	SHTS 10, 11, & 12
ALL OTHER F4S RIGS	SHTS 8, 9, & 10

PROPER TORQUE FOR BOLTS

COMPONENT	FLANGE SIZE & RATING	BOLT SIZE	TORQUE (FT/LBS)	
			CF=0.07	CF=0.13
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B	09-07-06	CHFD CUSTOMER TO WILLIAMS PRODUCTION; ADDED SHEETS 2 THRU 6	MWL
C	4-25-07	ADDED MARATHON RIGS 314 & 324 AND PAGE NUMBERS REVISED	JBG
D	02-26-07	ADDED NOTE & SHEET 10	MWL
E	11/28/06	ADDED CHOKES ARRANGEMENT FOR RIGS 279-280	LT

HELMERICH & PAYNE INTERNATIONAL DRILLING CO.

TITLE: **BOP ARRANGEMENT FOR F4S**

CUSTOMER: WILLIAMS PRODUCTION (RIGS 271 - 280)

PROJECT: F4S

DRAWN: BDB DATE: 11.30.05 DWG. NO.: F4S-H-203

SCALE: 3/4"=1'-0" SHEET: 1 OF 12

APIWellNo:43013504250000



2580 Creekview Road
Moab, Utah 84532
435/719-2018

November 3, 2010

Mrs. Diana Mason
State of Utah
Division of Oil Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Request for Exception to Spacing – Harvest (US) Holdings, Inc. – **Lamb 1-19-3-1**
1,196' FNL & 1,125' FWL, NW/4 NW/4, Section 19, T3S, R1W, SLB&M
Duchesne County, Utah

Dear Diana:

Harvest (US) Holdings, Inc. respectfully submits this request for exception to spacing (R649-3-2) based on topography since the well is located less than 460' to the drilling unit boundary. Harvest (US) Holdings, Inc. is the only owner and operator within 460' of the surface and target location as well as all points along the intended well bore path and are not within 460 feet of any uncommitted tracts or a unit boundary.

Thank you very much for your timely consideration of this application. Please feel free to contact me at 435-719-2018 if you have any questions or need additional information.

Sincerely,

Don Hamilton

Don Hamilton
Agent for Harvest (US) Holdings, Inc.

cc: Gil S. Porter, CPL, Harvest (US) Holdings, Inc.

CONFIDENTIAL



State of Utah

GARY R. HERBERT
Governor

GREG BELL
Lieutenant Governor

Office of the Governor
PUBLIC LANDS POLICY COORDINATION

JOHN HARJA
Director

September 9, 2010

Diana Mason
Petroleum Specialist
Department of Natural Resources, Division of Oil Gas and Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, UT 84114-5801

Subject: Harvest Holding, Inc APD for Lamb #1-19-3-1 Oil Well
RDCC Project No. 22820

Dear Ms. Mason:

The State of Utah, through the Public Lands Policy Coordination Office (PLPCO), has reviewed this project. Utah Code (Section 63J-4-601, *et. seq.*) designates PLPCO as the entity responsible to coordinate the review of technical and policy actions that may affect the physical resources of the state, and to facilitate the exchange of information on those actions among federal, state, and local government agencies. As part of this process, PLPCO makes use of the Resource Development Coordinating Committee (RDCC). The RDCC includes representatives from the state agencies that are generally involved or impacted by public lands management.

Division of Air Quality

The proposed project is subject to R307-205-5: Fugitive Dust, of the Utah Air Quality Rules, due to the fugitive dust that will be generated during the excavation of the roadway for the project and possibly the pad (based on pad size). These rules apply to construction activities that disturb an area greater than 1/4 acre in size. A permit, known as an Approval Order, is not required from the Executive Secretary of the Air Quality Board, but steps need to be taken to minimize fugitive dust, such as watering and/or chemical stabilization, providing vegetative or synthetic cover or windbreaks. A copy of the rules can be found at www.rules.utah.gov/publicat/code/r307/r307.htm.

The state encourages the use of Best Management Processes (BMP s) in protecting air quality in Utah. The state recommends the following BMP s as standard operating procedures:

- 1) Emission Standards for Stationary Internal Combustion Engines of 2 g/bhp-hr of NOx for engines less than 300 HP (Tier 3) and 1 g/bhp-hr of NOx for engines over 300 HP (Tier 3).

- 2) No or low bleed controllers for Pneumatic Pumps, Actuators and other Pneumatic devices.
- 3) Green completion or controlled VOC emissions methods with 90% efficiency for Oil or Gas Atmospheric Storage Tanks, VOC Venting controls or flaring. Glycol Dehydration and Amine Units Units, VOC Venting controls or flaring, Well Completion, Re-Completion, Venting, and Planned Blowdown Emissions.

The State of Utah appreciates the opportunity to review this proposal and we look forward to working with you on future projects. Please direct any other written questions regarding this correspondence to the Public Lands Policy Coordination Office at the address below, or call Judy Edwards at (801) 537-9023.

Sincerely,



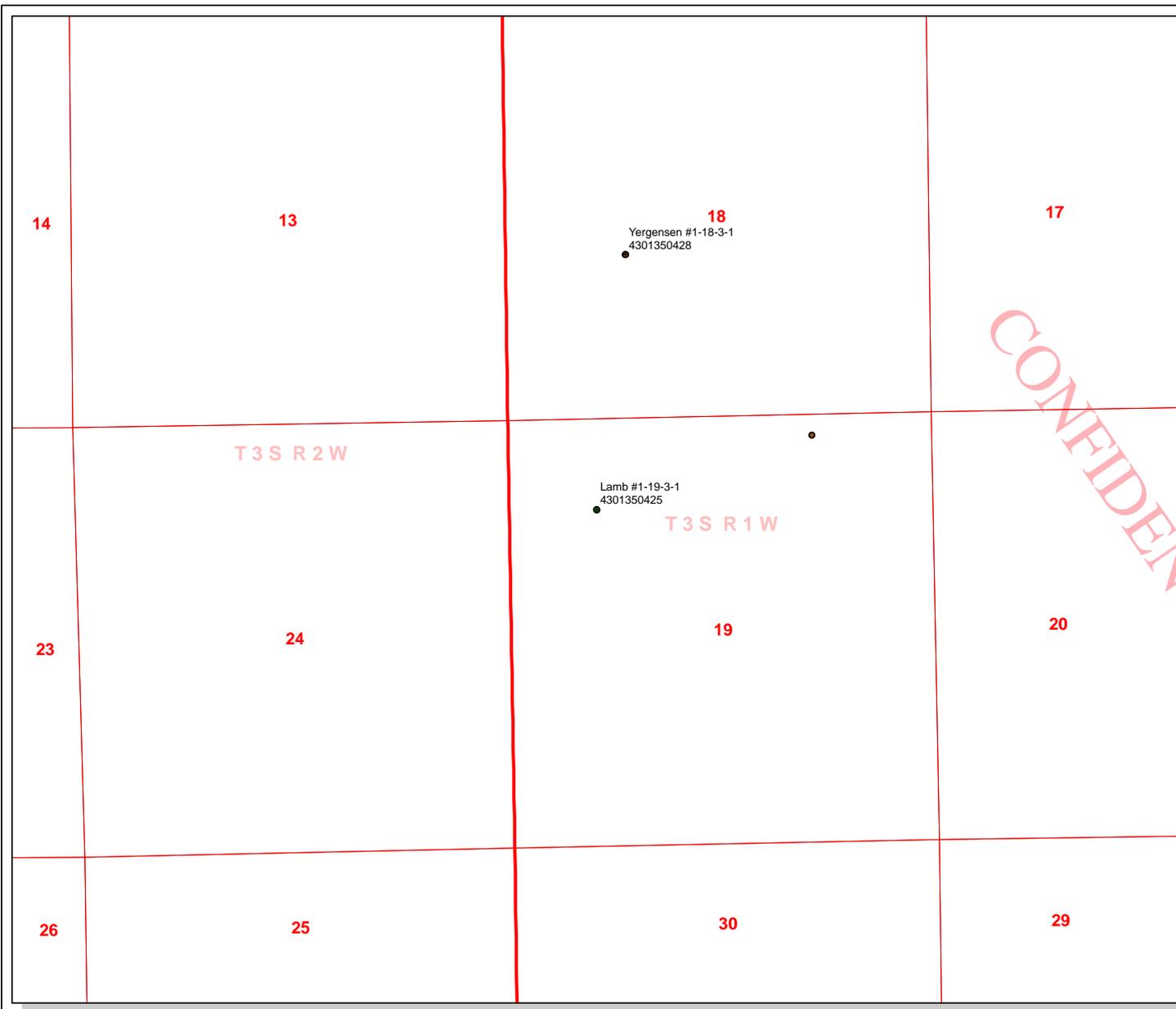
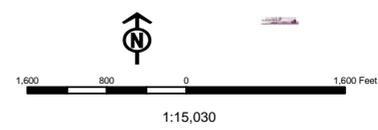
John Harja
Director

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API Number: 4301350425
Well Name: Lamb #1-19-3-1
Township 03.0 S Range 01.0 W Section 19
Meridian: UBM
Operator: HARVEST (US) HOLDINGS, INC

Map Prepared:
Map Produced by Diana Mason

- | | |
|-----------------------------|--------------------------------------|
| Units | Wells Query |
| STATUS | STATUS |
| ACTIVE | ✕ -all other values- |
| EXPLORATORY | ◆ APD - Approved Permit |
| GAS STORAGE | ⦿ DRL - Spudded (Drilling Commenced) |
| NF PP OIL | ⦿ GIW - Gas Injection |
| NF SECONDARY | ⦿ GS - Gas Storage |
| PI OIL | ⊗ LA - Location Abandoned |
| PP GAS | ⊕ LOC - New Location |
| PP GEOTHERMAL | ⊖ OPS - Operation Suspended |
| PP OIL | ⊖ PA - Plugged Abandoned |
| SECONDARY | ⊖ PGW - Producing Gas Well |
| TERMINATED | ⊖ PDW - Producing Oil Well |
| Fields | ⊖ RET - Returned APD |
| Sections | ⊖ SGW - Shut-in Gas Well |
| Township | ⊖ SOW - Shut-in Oil Well |
| Bottom Hole Location - AGRC | ⊖ TA - Temp. Abandoned |
| | ⊖ TW - Test Well |
| | ⊖ WDW - Water Disposal |
| | ⊖ WIW - Water Injection Well |
| | ⊖ WSW - Water Supply Well |



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Well Name	HARVEST (US) HOLDINGS, INC Lamb #1-19-3-1 43013504250000			
String	Cond	Surf	I1	Prod
Casing Size(")	20.000	13.375	9.625	5.500
Setting Depth (TVD)	60	500	3000	11100
Previous Shoe Setting Depth (TVD)	0	60	500	3000
Max Mud Weight (ppg)	8.3	8.6	9.0	11.5
BOPE Proposed (psi)	0	500	500	5000
Casing Internal Yield (psi)	500	1730	3520	13580
Operators Max Anticipated Pressure (psi)	6279			10.9

Calculations	Cond String	20.000	"
Max BHP (psi)	.052*Setting Depth*MW=	26	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	19	NO <input type="text" value="air drill"/>
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	13	NO <input type="text"/>
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	13	NO <input type="text" value="OK"/>
Required Casing/BOPE Test Pressure=		60	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

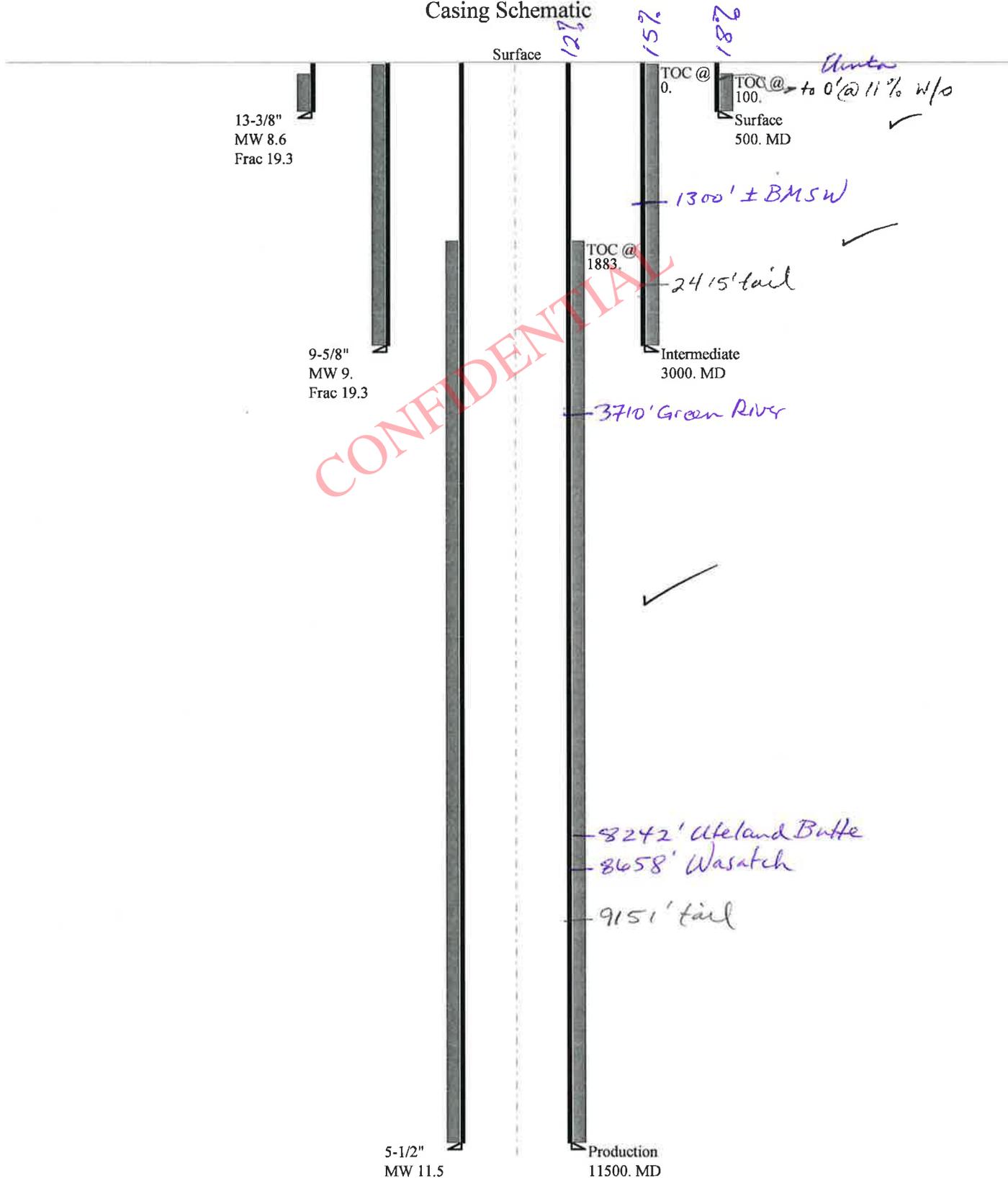
Calculations	Surf String	13.375	"
Max BHP (psi)	.052*Setting Depth*MW=	224	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	164	YES <input type="text" value="air drill until water, then diverter"/>
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	114	YES <input type="text" value="OK"/>
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	127	NO <input type="text" value="OK"/>
Required Casing/BOPE Test Pressure=		500	psi
*Max Pressure Allowed @ Previous Casing Shoe=		60	psi *Assumes 1psi/ft frac gradient

Calculations	I1 String	9.625	"
Max BHP (psi)	.052*Setting Depth*MW=	1404	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	1044	NO <input type="text"/>
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	744	NO <input type="text" value="Reasonable depth in area"/>
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	854	NO <input type="text" value="Reasonable, no expected pressure"/>
Required Casing/BOPE Test Pressure=		2464	psi
*Max Pressure Allowed @ Previous Casing Shoe=		500	psi *Assumes 1psi/ft frac gradient

Calculations	Prod String	5.500	"
Max BHP (psi)	.052*Setting Depth*MW=	6638	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	5306	NO <input type="text"/>
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	4196	YES <input type="text" value="OK"/>
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	4856	NO <input type="text" value="Reasonable"/>
Required Casing/BOPE Test Pressure=		5000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		3000	psi *Assumes 1psi/ft frac gradient

43013504250000 Lamb #1-19-3-1

Casing Schematic



Well name:	43013504250000 Lamb #1-19-3-1		
Operator:	HARVEST (US) HOLDINGS, INC		
String type:	Surface	Project ID:	43-013-50425
Location:	DUCHESNE COUNTY		

Design parameters:

Collapse

Mud weight: 8.600 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: 81 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 100 ft

Cement top: 100 ft

Burst

Max anticipated surface pressure: 440 psi
 Internal gradient: 0.120 psi/ft
 Calculated BHP 500 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: 437 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 3,000 ft
 Next mud weight: 9.000 ppg
 Next setting BHP: 1,403 psi
 Fracture mud wt: 19.250 ppg
 Fracture depth: 500 ft
 Injection pressure: 500 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	500	13.375	48.00	H-40	ST&C	500	500	12.59	6199
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	223	740	3.313	500	1730	3.46	24	322	13.42 J

Prepared by: Helen Sadik-Macdonald
 Div of Oil, Gas & Mining

Phone: 801 538-5357
 FAX: 801-359-3940

Date: November 9, 2010
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 500 ft, a mud weight of 8.6 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:	43013504250000 Lamb #1-19-3-1		
Operator:	HARVEST (US) HOLDINGS, INC		
String type:	Surface	Project ID:	43-013-50425
Location:	DUCHESNE COUNTY		

Design parameters:

Collapse

Mud weight: 8.600 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: 78 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 100 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 264 psi
 Internal gradient: 0.120 psi/ft
 Calculated BHP 300 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: 262 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 3,000 ft
 Next mud weight: 9,000 ppg
 Next setting BHP: 1,403 psi
 Fracture mud wt: 19,250 ppg
 Fracture depth: 300 ft
 Injection pressure: 300 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	300	13.375	48.00	H-40	ST&C	300	300	12.59	3720
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	134	740	5.521	300	1730	5.77	14.4	322	22.36 J

Prepared by: Helen Sadik-Macdonald
 Div of Oil, Gas & Mining

Phone: 801 538-5357
 FAX: 801-359-3940

Date: November 1, 2010
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 300 ft, a mud weight of 8.6 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:	43013504250000 Lamb #1-19-3-1		
Operator:	HARVEST (US) HOLDINGS, INC		
String type:	Intermediate	Project ID:	43-013-50425
Location:	DUCHESNE COUNTY		

Design parameters:

Collapse

Mud weight: 9.000 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: 116 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 100 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 2,640 psi
 Internal gradient: 0.120 psi/ft
 Calculated BHP 3,000 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: 2,600 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 11,500 ft
 Next mud weight: 11.500 ppg
 Next setting BHP: 6,870 psi
 Fracture mud wt: 19.250 ppg
 Fracture depth: 3,000 ft
 Injection pressure: 3,000 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	3000	9.625	36.00	J-55	LT&C	3000	3000	8.796	24531
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	1403	2020	1.440	3000	3520	1.17	108	453	4.19 J

Prepared by: Helen Sadik-Macdonald
 Div of Oil, Gas & Mining

Phone: 801 538-5357
 FAX: 801-359-3940

Date: November 1, 2010
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 3000 ft, a mud weight of 9 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:	43013504250000 Lamb #1-19-3-1		
Operator:	HARVEST (US) HOLDINGS, INC		
String type:	Production	Project ID:	43-013-50425
Location:	DUCHESNE COUNTY		

Design parameters:

Collapse

Mud weight: 11.500 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: 235 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 100 ft
 Cement top: 1,883 ft

Burst

Max anticipated surface pressure: 4,340 psi
 Internal gradient: 0.220 psi/ft
 Calculated BHP 6,870 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: 9,520 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	11500	5.5	23.00	P-110	LT&C	11500	11500	4.545	102541
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	6870	14540	2.116	6870	13580	1.98	264.5	643	2.43 J

Prepared by: Helen Sadik-Macdonald
 Div of Oil, Gas & Mining

Phone: 801 538-5357
 FAX: 801-359-3940

Date: November 1, 2010
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 11500 ft, a mud weight of 11.5 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 Lamb #1-19-3-1
API Number 43013504250000 **APD No** 2991 **Field/Unit** WILDCAT
Location: 1/4,1/4 NWNW **Sec** 19 **Tw** 3.0S **Rng** 1.0W 1196 **FNL** 1125 **FWL**
GPS Coord (UTM) 581389 4451502 **Surface Owner** Karl L. Lamb

Participants

Karl & Donna Lamb (landowners); Jeff Schrutka (Harvest Natural Resources); Zander McIntye (Dirt contractor); Dennis Ingram (oil, Gas & Mining)

Regional/Local Setting & Topography

Well pad proposed in Uintah Basin, approximately 8.5 miles south of Roosevelt, Utah along U.S. Highway 40, then east along county road (6250 South) for 1.2 miles, then turn southeast into location. The Duchesne River flows easterly and is located less than one mile to the south of this location. To the north, the elevation rises a couple hundred feet onto the North Myton Bench, which runs in an easterly as well and borders the Duchesne River. Cobble Hollow heads along the North Myton Bench just west of Highway 40 and drains easterly into river bottom habitat east of wellsite. To the West the most notable landmark is Flattop Butte, or commonly known as Flat Iron by the local residents. To the south the Duchesne River flows parallel to the town of Myton, located approximately 1.2 miles from wellsite. The proposed wellsite is an old garbage or dumpsite that has utilized by the landowner to discard cement, scrap iron among or brush and wood. Just west of the access road the landowner uses the surface for hay storage, to the south are irrigated farmlands.

Surface Use Plan

Current Surface Use
 Recreational

New Road Miles	Well Pad	Src Const Material	Surface Formation
0.09	Width 287 Length 250	Onsite	DUCHR

Ancillary Facilities N

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

Old dump site by landowner, greasewood and sagebrush, some grass; wildlife common to area and along river bottom, mule deer, potential mountain lion or bear, coyote, fox, raccoon and smaller mammals, birds native to region..

Soil Type and Characteristics

Light brown or tan sandy loam with some clays.

Erosion Issues N

Sedimentation Issues Y

irrigation ditch to the south of location surface

Site Stability Issues N

Drainage Diverson Required? N

Berm Required? Y

Berm location

Erosion Sedimentation Control Required? Y

Berming to prevent sediment from leaving lease into irrigation ditch or field.

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

Reserve Pit

Site-Specific Factors

Site Ranking

Distance to Groundwater (feet)

Distance to Surface Water (feet)

Dist. Nearest Municipal Well (ft)

Distance to Other Wells (feet)

Native Soil Type

Fluid Type

Drill Cuttings

Annual Precipitation (inches)

Affected Populations

Presence Nearby Utility Conduits

Final Score

Sensitivity Level

Characteristics / Requirements

A small shale pit has been request running north/south along the northeast corner of the well pad, and proposed as 80' long by 30' wide. Because cutting are not dry a synthetic liner is required to prevent fluids from leaching away.

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

Other Observations / Comments

Old dump utilized by landowner to store wood, brush, broken cement, and other items. Operator will clear site and dispose of items. Surface slopes to the south, irrigation ditch just south of location, hay field south of that, access road enters through hay storage or lot, should not be an issue.

Dennis Ingram

Evaluator

8/26/2010

Date / Time

Application for Permit to Drill Statement of Basis

11/16/2010

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
2991	43013504250000	LOCKED	OW	P	No
Operator	HARVEST (US) HOLDINGS, INC		Surface Owner-APD	Karl L. Lamb	
Well Name	Lamb #1-19-3-1		Unit		
Field	WILDCAT		Type of Work	DRILL	
Location	NWNW 19 3S 1W U 1196 FNL 1125 FWL GPS Coord (UTM) 581383E 4451513N				

Geologic Statement of Basis

Harvest proposes to set 60' of conductor and 500' of surface casing at this location. The base of the moderately saline water at this location is estimated to be at a depth of 1,300'. A search of Division of Water Rights records shows 8 water wells within a 10,000 foot radius of the center of Section 19. The wells are privately owned. Depth is listed as ranging from 30 feet to 300 feet. Water use is listed as irrigation, stock watering, and domestic use. All wells are over 1 mile from 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. Cement for the intermediate string should be brought up above the base of the moderately saline ground water in order to isolate fresher waters uphole.

Brad Hill
APD Evaluator

10/13/2010
Date / Time

Surface Statement of Basis

A presite meeting was scheduled and performed on said date to take input from interested parties and address issues regarding the permitting and drilling of this well. Karl Lamb was given as the landowner of record and therefore invited to the presite meeting. After the operator reviewed state spacing orders this well was moved, re-staked and a second presite was done on October 12, 2010.

The surface of this location slopes in a southerly direction and shows fifteen feet of cut along the northern corners and two to five feet of fill along the southern corners. Harvest plans to haul in six inches of fill or road base and compact that material to provide a solid base for their drilling operations. The operator agreed to clear brush, trash and other obstacles from site and store or bury them off the location to the southeast. The landowner was in agreement with those issues. A signed landowner agreement was transferred and signed off by Karl from the previous site.

The operator plans to utilize a closed loop system, and has shown on the location layout they plan to store dry cutting from drilling activity between location corner number six and seven. This shallow pit (or bermed area) was originally proposed to run east/west but has been changed north/south because of ease in accessing with drilling rig on the pad. These pits have shown to contain wet cutting or mud from the drilling process and so the operator needs to line the cuttings pit with a 16 mil synthetic liner to prevent leaching of fluids into the soil..

Dennis Ingram
Onsite Evaluator

8/26/2010
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A closed loop mud circulation system is required for this location.
Pits	A synthetic liner with a minimum thickness of 16 mils shall be properly installed and maintained in the cuttings pit.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 8/25/2010

API NO. ASSIGNED: 43013504250000

WELL NAME: Lamb #1-19-3-1

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

PHONE NUMBER: 435 719-2018

CONTACT: Don Hamilton

PROPOSED LOCATION: NWNW 19 030S 010W

Permit Tech Review:

SURFACE: 1196 FNL 1125 FWL

Engineering Review:

BOTTOM: 1196 FNL 1125 FWL

Geology Review:

COUNTY: DUCHESNE

LATITUDE: 40.21198

LONGITUDE: -110.04365

UTM SURF EASTINGS: 581383.00

NORTHINGS: 4451513.00

FIELD NAME: WILDCAT

LEASE TYPE: 4 - Fee

LEASE NUMBER: Fee

PROPOSED PRODUCING FORMATION(S): WASATCH

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:** 2010-11-15 00:00:00.0
- Fee Surface Agreement**
- Intent to Commingle**

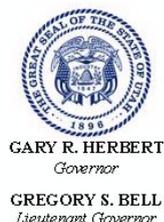
Commingling Approved

LOCATION AND SITING:

- R649-2-3.**
 - Unit:**
 - R649-3-2. General**
 - R649-3-3. Exception**
 - Drilling Unit**
 - Board Cause No:** R649-3-3
 - Effective Date:**
 - Siting:**
 - R649-3-11. Directional Drill**
-

Comments: Presite Completed

Stipulations:
1 - Exception Location - bhill
5 - Statement of Basis - bhill
9 - Cement casing to Surface - hmadonald
21 - RDCC - dmason
23 - Spacing - dmason



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: Lamb #1-19-3-1
API Well Number: 43013504250000
Lease Number: Fee
Surface Owner: FEE (PRIVATE)
Approval Date: 11/16/2010

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 R649-3-3. The expected producing formation or pool is the WASATCH 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

Exception Location:

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

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:

The Application for Permit to Drill has been forwarded to the Resource Development Coordinating Committee for review of this action. The operator will be required to comply with any applicable recommendations resulting from this review. (See attached)

This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

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

The cement volumes for the 13 3/8" casing shall be determined from actual hole conditions and the setting depth of the casing in order to place cement from the pipe setting depth back 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
801-231-8956 - 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:

Approved by.

A handwritten signature in black ink, appearing to read "John Rogers", written in a cursive style.

For John Rogers
Associate Director, Oil & Gas

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.

1. TYPE OF WELL Oil Well	5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
2. NAME OF OPERATOR: HARVEST (US) HOLDINGS, INC	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1177 Enclave Parkway, Houston, TX, 77077	7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: 281 899-5722 Ext.	8. WELL NAME and NUMBER: Lamb #1-19-3-1
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1196 FNL 1125 FWL	9. API NUMBER: 43013504250000
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 19 Township: 03.05 Range: 01.0W Meridian: U	9. FIELD and POOL or WILDCAT: WILDCAT
	COUNTY: DUCHESTER
	STATE: UTAH

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 Approximate date work will start:	<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 checked="" type="checkbox"/> DRILLING REPORT Report Date: 11/27/2010	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START 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:50px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
Attached please find the drilling reports ending 11-27-2010

CONFIDENTIAL - TIGHT HOLE

NAME (PLEASE PRINT) Don Hamilton	PHONE NUMBER 435 719-2018	TITLE Permitting Agent (Buys & Associates, Inc)
SIGNATURE N/A		DATE 11/29/2010

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

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
5. LEASE DESIGNATION AND SERIAL NUMBER: Fee	

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.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME:
--	--

1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: Lamb #1-19-3-1
------------------------------------	---

2. NAME OF OPERATOR: HARVEST (US) HOLDINGS, INC	9. API NUMBER: 43013504250000
---	---

3. ADDRESS OF OPERATOR: 1177 Enclave Parkway , Houston, TX, 77077	PHONE NUMBER: 281 899-5722 Ext	9. FIELD and POOL or WILDCAT: WILDCAT
---	--	---

4. LOCATION OF WELL FOOTAGES AT SURFACE: 1196 FNL 1125 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 19 Township: 03.0S Range: 01.0W Meridian: U	COUNTY: DUCHESNE STATE: UTAH
---	---

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 Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 11/26/2010			
<input type="checkbox"/> DRILLING REPORT Report Date:			

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

The Lamb #1-19-3-1 was spud @ 1900 hrs. on 11/26/10 utilizing Leon Ross Construction

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

12/10/2010

NAME (PLEASE PRINT) Don Hamilton	PHONE NUMBER 435 719-2018	TITLE Permitting Agent (Buys & Associates, Inc)
SIGNATURE N/A	DATE 12/10/2010	

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

FORM 6

ENTITY ACTION FORM

Operator: Harvest (US) Holdings, Inc. Operator Account Number: N 3520
 Address: 1177 Enclave Parkway
city Houston
state TX zip 77077 Phone Number: (281) 899-5722

Well 1

API Number	Well Name	QQ	Sec	Twp	Rng	County
4301350425	Lamb 1-19-3-1	NWNW	19	03S	01W	Duchesne
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date	
A	99999	17896	11/26/2010		12/15/10	
Comments: <u>WSTC</u> The well was spud utilizing Leon Ross Construction at 1900 hrs.						

CONFIDENTIAL

Well 2

API Number	Well Name	QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date	
Comments:						

Well 3

API Number	Well Name	QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date	
Comments:						

ACTION CODES:

- 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)

RECEIVED
DEC 13 2010

Don Hamilton
 Name (Please Print) _____
Don Hamilton
 Signature _____
 Agent for Harvest _____ 12/10/2010
 Title _____ Date _____

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: LAMB #1-19-3-1
2. NAME OF OPERATOR: HARVEST (US) HOLDINGS, INC		9. API NUMBER: 43013504250000
3. ADDRESS OF OPERATOR: 1177 Enclave Parkway, Houston, TX, 77077		9. FIELD and POOL or WILDCAT: WILDCAT
3. ADDRESS OF OPERATOR: 1177 Enclave Parkway, Houston, TX, 77077		PHONE NUMBER: 281 899-5722 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1196 FNL 1125 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 19 Township: 03.0S Range: 01.0W Meridian: U		COUNTY: DUCHESNE
		STATE: UTAH
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 Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:		<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION
<input type="checkbox"/> SPUD REPORT Date of Spud:		OTHER: <input style="width: 50px;" type="text"/>
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 12/25/2010		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Attached please find the drilling reports ending 12-25-2010		
CONFIDENTIAL - TIGHT HOLE		
NAME (PLEASE PRINT) Don Hamilton	PHONE NUMBER 435 719-2018	TITLE Permitting Agent (Buys & Associates, Inc)
SIGNATURE N/A		DATE 12/26/2010

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

LAMB #1-19-3-1 DAILY OPERATIONS SUMMARY

Date:	19-Dec-10	Current Operation:	TOH w/ 12-1/4" PDC and motor. Tight hole and surface issues.	Depth @ Midnight:	1,768 '	
				Depth @ 06:00:	1,768 '	Footage last 24 hrs: 0'
Spud Date:	26-Nov-10	Days Since Spud:	24			

Time Breakdown:		
From:	To:	Description:
0:00	1:30	TOOH to 1570', tight hole.
1:30	3:00	Work tight hole and mix sweep. Pipe worked free.
3:00	6:30	TOOH with bit from 1570'.
6:30	7:30	Tally BHA items for PDC and Baker motor run.
7:30	8:30	Picked up 12-1/4" bit and 8" motor.
8:30	12:00	Fix bit breaker and air bowl and rig up to drill with mud.
12:00	13:00	Rig up mud equipment.
13:00	14:00	Start in the hole with PDC and Baker motor, TIH to 574'.
14:00	17:00	Load hole with WBM and fix shale shakers. Circulate hole.
17:00	0:00	Trip in the hole, experiencing tight hole and issues with mud pump. TOH.

Daily Cost:
Cumulative Cost:
AFE:
AFE Remaining:

RECEIVED December 26, 2010

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: LAMB #1-19-3-1
2. NAME OF OPERATOR: HARVEST (US) HOLDINGS, INC		9. API NUMBER: 43013504250000
3. ADDRESS OF OPERATOR: 1177 Enclave Parkway , Houston, TX, 77077		9. FIELD and POOL or WILDCAT: WILDCAT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1196 FNL 1125 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 19 Township: 03.05 Range: 01.0W Meridian: U		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: 6/1/2011	<input type="checkbox"/> ACIDIZE <input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:		<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION
<input type="checkbox"/> SPUD REPORT Date of Spud:		OTHER: <input style="width: 50px;" type="text"/>
<input type="checkbox"/> DRILLING REPORT Report Date:		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Attached please find an updated drilling plan for hte Lamb #1-19-3-1. The 9-5/8" surface casing has already been set at 3,019'. The 9-5/8" surface casing has already been set at 3,019' Harvest had planned to drill the 9-5/8" surface casing then an 8-3/4" production hole with 5-1/2" casing from 0 to 11,500. Newfield's proposal is outlined in the table below: Casing Newfield Revision Top Bottom Intermediate (7) 0' 8,275' Production (4.5) 7,975' 10,300'		
----- CONFIDENTIAL - TIGHT HOLE -----		
NAME (PLEASE PRINT) Don Hamilton	PHONE NUMBER 435 719-2018	TITLE Permitting Agent (Buys & Associates, Inc)
SIGNATURE N/A		DATE 5/25/2011

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

Date: 06/08/2011
By: *Dark K. Quist*



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

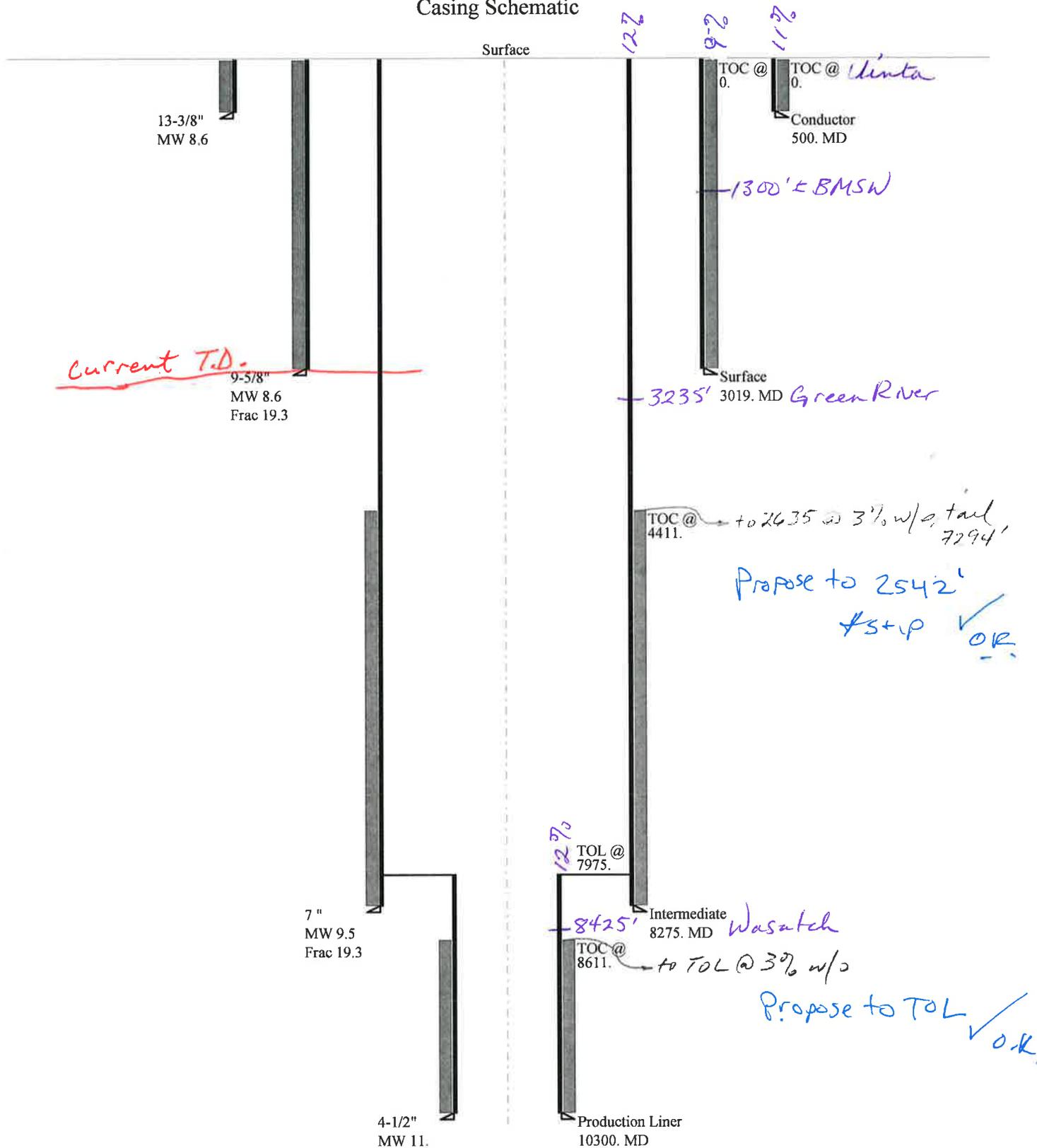
Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43013504250000

Cement volume for the 7" intermediate string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to 2542' MD as indicated in the submitted drilling plan.

43013504250000 revLamb #1-19-3-1

Casing Schematic



Well name:	43013504250000 revLamb #1-19-3-1		
Operator:	HARVEST (US) HOLDINGS, INC		
String type:	Surface	Project ID:	43-013-50425
Location:	DUCHESNE COUNTY		

Design parameters:

Collapse

Mud weight: 8.600 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: 116 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 100 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 2,657 psi
 Internal gradient: 0.120 psi/ft
 Calculated BHP 3,019 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: 2,635 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 8,275 ft
 Next mud weight: 9.500 ppg
 Next setting BHP: 4,084 psi
 Fracture mud wt: 19.250 ppg
 Fracture depth: 3,019 ft
 Injection pressure: 3,019 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	3019	9.625	36.00	J-55	LT&C	3019	3019	8.796	24688
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	1349	2020	1.498 ✓	3019	3520	1.17 ✓	108.7	453	4.17 J ✓

Prepared by: Helen Sadik-Macdonald
 Div of Oil, Gas & Mining

Phone: 801 538-5357
 FAX: 801-359-3940

Date: June 8, 2011
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 3019 ft, a mud weight of 8.6 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

RECEIVED May. 25, 2011

Well name:	43013504250000 revLamb #1-19-3-1		
Operator:	HARVEST (US) HOLDINGS, INC		
String type:	Intermediate	Project ID:	43-013-50425
Location:	DUCHESNE COUNTY		

Design parameters:

Collapse

Mud weight: 9.500 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: 190 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 4,411 ft

Burst

Max anticipated surface pressure: 3,620 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 5,440 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: 7,089 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 10,300 ft
Next mud weight: 11.000 ppg
Next setting BHP: 5,886 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 8,275 ft
Injection pressure: 8,275 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	8275	7	26.00	P-110	LT&C	8275	8275	6.151	86019
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	4084	6230	1.526 ✓	5440	9950	1.83 ✓	215.1	693	3.22 J ✓

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: June 8, 2011
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 8275 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

RECEIVED May. 25, 2011

Well name:	43013504250000 revLamb #1-19-3-1		
Operator:	HARVEST (US) HOLDINGS, INC		
String type:	Production Liner	Project ID:	43-013-50425
Location:	DUCHESNE COUNTY		

Design parameters:

Collapse
 Mud weight: 11.000 ppg
 Design is based on evacuated pipe.

Minimum design factors:

Collapse:
 Design factor 1.125

Environment:

H2S considered? No
 Surface temperature: 74 °F
 Bottom hole temperature: 218 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 1,000 ft

Burst

Max anticipated surface pressure: 3,620 psi
 Internal gradient: 0.220 psi/ft
 Calculated BHP 5,886 psi

Burst:
 Design factor 1.00

Cement top: 8,611 ft
 Liner top: 7,975 ft

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

Non-directional string.

No backup mud specified.

Tension is based on air weight.
 Neutral point: 9,922 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	2300	4.5	11.60	P-110	LT&C	10300	10300	3.875	11081
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	5886	7580	1.288 ✓	5886	10690	1.82 ✓	26.7	279	10.46 J ✓

Prepared by: Helen Sadik-Macdonald
 Div of Oil, Gas & Mining

Phone: 801 538-5357
 FAX: 801-359-3940

Date: June 8, 2011
 Salt Lake City, Utah

Remarks:
 For this liner string, the top is rounded to the nearest 100 ft. Collapse is based on a vertical depth of 10300 ft, a mud weight of 11 ppg. The Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

RECEIVED May. 25, 2011

BOPE REVIEW

Harvest revLamb 1-19-3-1 API 43-013-50425-0000

Well Name	Harvest revLamb 1-19-3-1 API 43-013-50425-0000			
Casing Size (")	Harvest	revLamb	1-19-3-1	API 43-013-50425-0000
Setting Depth (TVD)	String 1	String 2	String 3	String 4
Previous Shoe Setting Depth (TVD)	13 3/8	9 5/8	7	4 1/2
Max Mud Weight (ppg)	516	3019	8275	10300
BOPE Proposed (psi)	60	516	3019	8275
Casing Internal Yield (psi)	0	8.6	9.5	11
Operators Max Anticipated Pressure (psi)	1730	1000	5000	5000
	5624	3520	9950	10690
				10.5 ppg

Calculations	String 1	13 3/8 "
Max BHP [psi]	.052*Setting Depth*MW =	241
		BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	180
		NO
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	128
		NO
		*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	HP-.22*(Setting Depth - Previous Shoe Depth) =	141
		516 psi
Required Casing/BOPE Test Pressure		60 psi
		*Assumes 1psi/ft frac gradient
*Max Pressure Allowed @ Previous Casing Shoe =		

Calculations	String 2	9 5/8 "
Max BHP [psi]	.052*Setting Depth*MW =	1350
		BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	988
		YES
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	686
		YES
		*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	HP-.22*(Setting Depth - Previous Shoe Depth) =	799
		2464 psi
Required Casing/BOPE Test Pressure		516 psi
		*Assumes 1psi/ft frac gradient
*Max Pressure Allowed @ Previous Casing Shoe =		

Calculations	String 3	7 "
Max BHP [psi]	.052*Setting Depth*MW =	4088
		BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	3095
		YES
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	2267
		OK
		*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	HP-.22*(Setting Depth - Previous Shoe Depth) =	2932
		5000 psi
Required Casing/BOPE Test Pressure		3019 psi
		*Assumes 1psi/ft frac gradient
*Max Pressure Allowed @ Previous Casing Shoe =		

Calculations	String 4	4 1/2 "
Max BHP [psi]	.052*Setting Depth*MW =	5892
		BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	4656
		YES
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	3626
		OK
		*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	HP-.22*(Setting Depth - Previous Shoe Depth) =	5446
		5000 psi
Required Casing/BOPE Test Pressure		8275 psi
		*Assumes 1psi/ft frac gradient
*Max Pressure Allowed @ Previous Casing Shoe =		

Newfield Production Company
Lamb #1-19-3-1
NW/NW Section 19, T3S, R1W
Duchesne County, UT

The Lamb 1-19-3-1 was originally permitted by Harvest Natural Resources. The 9-5/8" surface casing has already been set at 3,019'. Newfield Production Company proposes the following changes to well design.

Drilling Program

1. Formation Tops

Uinta	surface
Green River	3,235'
Wasatch	8,425'
TD	10,300'

2. Depth to Oil, Gas, Water, or Minerals

Green River	7,925' - 8,425'	(Oil)
Wasatch	8,425' - TD	(Oil)

3. Pressure Control

Section BOP Description

Interm/Prod The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc for a 5M system.

A 5M BOP system will consist of 2 ram preventers (double or two singles) and an annular preventer (see attached diagram). A choke manifold rated to at least 5,000 psi will be used.

4. Casing

Description	Interval		Weight (ppf)	Grade	Coup	Pore Press @ Shoe	MW @ Shoe	Frac Grad @ Shoe	Safety Factors		
	Top	Bottom							Burst	Collapse	Tension
Intermediate 7	0'	8,275'	26	P-110	LTC	9	9.5	15	9,960	6,210	693,000
									2.70	1.90	3.22
Production 4 1/2	7,975'	10,300'	11.6	P-110	LTC	10.5	11	--	10,690	7,560	279,000
									2.33	1.56	2.34

Assumptions:

Intermediate casing MASP = (reservoir pressure) - (gas gradient)

Production casing MASP = (reservoir pressure) - (gas gradient)

All collapse calculations assume fully evacuated casing with a gas gradient

All tension calculations assume air weight of casing

Gas gradient = 0.1 psi/ft

All casing shall be new.

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

5. Cement

Job	Hole Size	Fill	Slurry Description	ft ³	OH excess	Weight (ppg)	Yield (ft ³ /sk)
				sacks			
Intermediate Lead	8 3/4	4,733'	Premium Lite II w/ 3% KCl + 10% bentonite	818	15%	11.0	3.53
				232			
Intermediate Tail	8 3/4	1,000'	50/50 Poz/Class G w/ 3% KCl + 2% bentonite	173	15%	14.3	1.24
				139			
Production Tail	6	2,325'	50/50 Poz/Class G w/ 3% KCl + 2% bentonite	230	15%	14.3	1.24
				185			

Actual cement volumes for the intermediate and production casing strings will be calculated from an open hole caliper log, plus 15% excess.

6. Type and Characteristics of Proposed Circulating Medium

Interval

Description

3,042' - TD

A water based mud system will be utilized. Hole stability may be improved with addition of KCl, DAP, or a similar inhibitive substance. In order to control formation pressure the system will be weighted with additions of bentonite, and if conditions warrant, with barite.

Anticipated maximum mud weight is 11.0 ppg.

7. Logging, Coring, and Testing

Logging: A dual induction, gamma ray, and caliper log will be run from TD to the base of the surface casing. A compensated neutron/formation density log will be run from TD to the top of the Garden Gulch formation. A cement bond log will be run from PBDT to the cement top behind the production casing.

Cores: As deemed necessary.

DST: There are no DST's planned for this well.

8. Anticipated Abnormal Pressure or Temperature

Maximum anticipated bottomhole pressure will be approximately equal to total depth (feet) multiplied by a 0.55 psi/ft gradient.

$$10,300' \times 0.55 \text{ psi/ft} = 5665 \text{ psi}$$

No abnormal temperature is expected. No H₂S is expected.

9. Other Aspects

This is planned as a vertical well.

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

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

5/17/2011

FROM: (Old Operator): N3520-Harvest (US) Holdings, Inc 1177 Enclave Parkway, Suite 300 Houston, TX 77077 Phone: 1 (281) 899-5700	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
SEE 10 ATTACHED SUNDRIES								

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 6/22/2011
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/22/2011
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/22/2011
- Is the new operator registered in the State of Utah: yes Business Number: 755627-0143
- If **NO**, the operator was 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
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 6/30/2011
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 6/30/2011
- Bond information entered in RBDMS on: 6/30/2011
- Fee/State wells attached to bond in RBDMS on: 6/30/2011
- Injection Projects to new operator in RBDMS on: n/a
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: WY000483
- (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: 7/12/2011

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
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.			6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____			7. UNIT or CO. AGREEMENT NAME: N/A
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY N2695			8. WELL NAME and NUMBER: LAMB #1-19-3-1
3. ADDRESS OF OPERATOR: 1001 17TH ST, SUITE 2000 CITY DENVER STATE CO ZIP 80202		PHONE NUMBER: (303) 893-0102	9. API NUMBER: 4301350425
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1196 FNL & 1125 FWL COUNTY: DUCHESNE QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 19 3S 1W 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: <u>5/17/2011</u>	<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 checked="" 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 type="checkbox"/> OTHER: _____
	<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.
Effective 05/17/2011, Newfield Production Company will take over operations of the referenced well.
The previous owner/operator was:

Harvest (US) Holdings, Inc.
1177 Enclave Parkway
Houston, TX 77077

Effective 05/17/2011, Newfield Production Company is responsible under the terms and conditions of the leases for operations conducted on the leases lands or a portion thereof under BLM Bond No. RLB0010466 B001834

Harvest (US) Holdings, Inc.
Print Name: Patrick R. Oenbring N3520 Title: President and CEO

Seller Signature: *Patrick R. Oenbring* Date: 05/17/2011

NAME (PLEASE PRINT) KELLY DONOHUE TITLE RM LAND MANAGER
SIGNATURE *Kelly Donohue* DATE 5/17/2011

(This space for State use only)

APPROVED 6/30/2011
Earlene Russell
(5/2000) Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

RECEIVED
JUN 22 2011
DIV. OF OIL, GAS & MINING

Carol Daniels - Casing Notification for Newfield Exploration Lamb[#] 1-19-3-1

T035 R01W S-19 43-013-50425

From: "R.L. Tatman"
To: , , Vernal Field Office , , , , ,
Date: 7/3/2011 6:20 PM
Subject: Casing Notification for Newfield Exploration Lamb[#] 1-19-3-1
CC:
Attachments:

We are planning to Run 7" intermediate casing and cement at 8157' on the Lamb[#] 1-19-3-1 Casing job will start around 22:00 on 7/3/11 and cement Job should happen around 06:00 on 7/4/11.

We will also be Testing BOPE at approxamatly 14:00 on July 4, 2011

Please Email me or call me at Pioneer 69
den_pio69@newfield.com
435-828-6092
Or call my cell Number listed Below.

I attempted to send Notice from rig email this morning at 08:00 however send failed due to IT issues I have also called Dan Jarvis and left him a Voice mail.

Thank you,
R.L.Tatman
Independent Drilling Consultant
Cell (435)724-1052

True success is the ability to go from one failure to the next without loosing enthusiasm.

Winston Churchill

RECEIVED

JUL 05 2011

DIV. OF OIL, GAS & MINING

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Pioneer 69 Submitted
By RL Tatman Phone Number 4357241052
Well Name/Number Lamb 1-19-3-1
Qtr/Qtr NW/NW Section 19 Township 3S Range 1W
Lease Serial Number FEE
API Number 43-013-504250000

TD Notice – TD is the final drilling depth of hole.

Date/Time 7/8/11 11:00 AM PM

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

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

Date/Time 7-11-11 0200 AM PM

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JUL 12 2011

DIV. OF OIL, GAS & MINING

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
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: LAMB #1-19-3-1	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013504250000	
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext	9. FIELD and POOL or WILDCAT: WILDCAT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1196 FNL 1125 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 19 Township: 03.0S Range: 01.0W Meridian: U		COUNTY: DUCHESNE
		STATE: UTAH
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 Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/25/2011 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="Weekly Status Report"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
The above well was completed on 08/25/2011. Attached is a daily completion status report.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY		
NAME (PLEASE PRINT) Jennifer Peatross	PHONE NUMBER 435 646-4885	TITLE Production Technician
SIGNATURE N/A	DATE 9/8/2011	

Daily Activity Report

Format For Sundry

LAMB #1-19-3-1

6/1/2011 To 10/30/2011

8/1/2011 Day: 1

Completion

Rigless on 8/1/2011 - NU Weatherford 7 1/16" 10K frac valve & BOP. Run CBL. - NU 7 1/16" 10K frac valve & Cameron BOP. RU PSI WLT w/ crane & run CBL under pressure. WLTD @ 10067', liner top @ 7812', & cement top @ 450'. RD H/O truck. Wait on Baker Hughes cement pump truck. EWTR 334 BBLs

Daily Cost: \$0

Cumulative Cost: \$4,339

8/3/2011 Day: 2

Completion

Rigless on 8/3/2011 - Pressure test BOP, well head, & csg. Perforate DFIT sds. Break down & inject w/ 20 bw. Install & leave capture gauge in place to monitor bleed off. - MIRU PSI WLT & crane & Baker Hughes pump truck. Pressure test Frac valve & BOP blind rams to 10000 psi. Pressure test csg & wellhead to 8500 psi. No test well head started to leak. ND BOP, frac valve, & tbg head. Re-dress tbg head. NU TBG head, frac valve & BOP. Pressure test to 8000 psi. Good test. RIH w/ wire line. Perforate WSTCH 30 DFIT sds @ (9443'-47') w/ 2.75" disposable slick guns (16 gram .35" EH 14.45" pen w/120° phasing) w/ 3 spf for total of 12 shots. RD PSI WLT & crane. Break down perfs @ 4890 psi @ 2.8 BPM. Perform 20 bbl injection for DFIT w/ avg pressure of 4860 psi @ 2.8 BPM. Shut in well immediately after 20 bbl injection. ISDP 4875 psi. 5 min 4761 psi. 10 min 4748 psi. 15 min 4738 psi. RD Baker Hughes pump truck. Leave well shut in w/ data capture gauge in place. EWTR 354 BBLs.

Daily Cost: \$0

Cumulative Cost: \$34,535

8/9/2011 Day: 3

Completion

Rigless on 8/9/2011 - RU & pressure test flow back equipment. - Spot & RU J & A flow back equipment. RU Four Star Hydro-Test truck. Pressure test flowback iron & valves from well head through manifold to 8500 psi. Found & replaced 3 leaky valves. Pressure test iron, valves, sand trap, & line heater to 2500 psi. RD test truck. SDFD to wait on frac crew.

Daily Cost: \$0

Cumulative Cost: \$66,499

8/12/2011 Day: 4

Completion

Rigless on 8/12/2011 - RU Baker Hughes & PSI. Attempt to pressure test against frac valve w/ out success. RD Baker & PSI. Swap out frac valve. Pressure test BOP & frac valve. - MIRU PSI WLT & crane. RU Baker Hughes frac equipment. Attempt to pressure test frac lines. Weatherford frac head was leaking. Try to get valve to seal w/ out success. RD Baker Hughes & PSI. ND BOP. Wait on tbg hanger w/ 2 way check valve. Land hanger w/ check in place into well head. ND Frac valve. NU 10 K Cameron BOP & Frac valve. RU Four Star test truck. Pressure test BOP & Frac valve to 8000 psi. Good test. RD test truck. Wait on frac crew.

Daily Cost: \$0

Cumulative Cost: \$86,787

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8/17/2011 Day: 5**Completion**

Rigless on 8/17/2011 - Frac well - MIRU Baker Hughes frac equipment & PSI wlt & crane. Break down & frac stg #1. Perforate & frac stgs #2-6. RD frac equipment. Set kill plug. RD frac stand. RD PSI WLT & Crane. EWTR 19742 BBLs

Daily Cost: \$0

Cumulative Cost: \$617,315

8/19/2011 Day: 6**Completion**

Rigless on 8/19/2011 - MIRU IPS snubbing unit. Pressure test. Bleed off well. PU and RIH w/ mill, motor, disconnect, XN nipple, and a total of 51 jts of tbg. EOT @ 1630'. SIWFN w/ 19,739 BWTR. - PU and RIH w/ Weatherford 3 3/4" stablized mill, 2 7/8" PDM motor, 2 7/8" disconnect and pump through, Crossover, 2 3/8 PH6 9' sub, 1- jt 2 3/8" PH6 tbg, 2 3/8 PH6 XN nipple and 50 jts of 2 3/8" PH6 tbg. Fill tbg and function test motor twice w/ a total of 14 bbls of wtr. EOT @ 1630'. SIWFN w/ 19,739 BWTR. - "Safety meeting" MIRU IPS snubbing unit and BOP stack w/ J&C crane. Function test all snubbing equipment and BOP stack. Pressure test BOP stack. Prep and talley tbg. 1700 psi on well. Bleed off pressure.

Daily Cost: \$0

Cumulative Cost: \$676,981

8/21/2011 Day: 7**Completion**

Rigless on 8/21/2011 - Snub in w/ tbg from 1630' to 7725'. Shut in well. Repair snubbing jack. - Continue snubbing in w/ tbg. Tagged sand @ 8666'. Circulate sand down to solid plug @ 8706'. Pumped 10 bbl blue sweep. Drill out plug in 19 mins. 1800 psi, pressure gain of 525 psi (2325 psi) after drilling thru plug. IPS pumping 2 BPM, Returns 5.5 BPM on 32/64 choke. Pumped 10 bbl blue sweep. - Continue snubbing in w/ tbg. Tagged flow thru plug @ 9200'. Drilled out in 7 mins. 2400 psi, No pressure gain after drilling thru plug. IPS pumping 2 BPM, Returns 5.7 BPM on 32/64 choke. Pumped 10 bbl blue sweep. - Continue snubbing in w/ tbg to 9713'. Did not tag any fill. IPS pumped 20 bbl blue sweep. Snub out of the hole w/ tbg. Flowing 5.9 BPM on 32/64 choke. LD a total of 65 jts of tbg. EOT @ 7695'. SIWFN w/ 17,051 BWTR. Transferred 879 bbls of oil to production tanks. - Continue snubbing in w/ tbg to 9713'. Did not tag any fill. IPS pumped 20 bbl blue sweep. Snub out of the hole w/ tbg. Flowing 5.9 BPM on 32/64 choke. LD a total of 65 jts of tbg. EOT @ 7695'. SIWFN w/ 17,051 BWTR. Transferred 879 bbls of oil to production tanks. - Continue snubbing in w/ tbg. Tagged flow thru plug @ 8870'. Drilled out in 17 mins. 2400 psi, No pressure gain after drilling thru plug. IPS pumping 2 BPM, Returns 5.9 BPM on 32/64 choke. Pumped 10 bbl blue sweep. - Continue snubbing in w/ tbg. Tagged flow thru plug @ 8870'. Drilled out in 17 mins. 2400 psi, No pressure gain after drilling thru plug. IPS pumping 2 BPM, Returns 5.9 BPM on 32/64 choke. Pumped 10 bbl blue sweep. - Continue snubbing in w/ tbg. Tagged sand @ 8666'. Circulate sand down to solid plug @ 8706'. Pumped 10 bbl blue sweep. Drill out plug in 19 mins. 1800 psi, pressure gain of 525 psi (2325 psi) after drilling thru plug. IPS pumping 2 BPM, Returns 5.5 BPM on 32/64 choke. Pumped 10 bbl blue sweep. - Continue snubbing in w/ tbg. Tagged flow thru plug @ 9200'. Drilled out in 7 mins. 2400 psi, No pressure gain after drilling thru plug. IPS pumping 2 BPM, Returns 5.7 BPM on 32/64 choke. Pumped 10 bbl blue sweep. - Continue snubbing in w/ tbg. Tagged 2nd flow thru plug @ 8440'. Drilled up plug in 13 mins. 2400 psi on well. No pressure gain after drilling thru plug. IPS pumped 2 BPM, Returns 5.2 BPM on 32/64 choke. Pumped 10 bbl blue sweep. - Continue snubbing in w/ tbg. Tagged 2nd flow thru plug @ 8440'. Drilled up plug in 13 mins. 2400 psi on well. No pressure gain after drilling thru plug. IPS pumped 2 BPM, Returns 5.2 BPM on 32/64 choke. Pumped 10 bbl blue sweep. - Continue snubbing in with tbg. Tagged 1st flow thru plug @ 8100'. Drilled up plug in 30 mins. 2600 psi, No pressure after drilling thru plug. IPS pumped 2 BPM, Returns 5.4 BPM on 32/64 choke. Pumped 10 bbl blue sweep. - Continue snubbing in with tbg. Tagged 1st flow

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thru plug @ 8100'. Drilled up plug in 30 mins. 2600 psi, No pressure after drilling thru plug. IPS pumped 2 BPM, Returns 5.4 BPM on 32/64 choke. Pumped 10 bbl blue sweep. - 0 psi on well. PU and snub in hole w/ 2 jts of tbg. Tagged sand @ 7770'. Circulate sand down to solid plug @ 7860'. Held 1900 psi on annulus, Drill through plug in 6 mins. Pressure gain of 700 psi (2600 psi). IPS Pumping @ 2 BPM, Returns 5.7 BPM on 32/64 choke. Pumped 10 bbl blue sweep. - 0 psi on well. PU and snub in hole w/ 2 jts of tbg. Tagged sand @ 7770'. Circulate sand down to solid plug @ 7860'. Held 1900 psi on annulus, Drill through plug in 6 mins. Pressure gain of 700 psi (2600 psi). IPS Pumping @ 2 BPM, Returns 5.7 BPM on 32/64 choke. Pumped 10 bbl blue sweep. - "Safety meeting with all contractors" - "Safety meeting with all contractors" - Had hydraulic leak on snubbing unit. Shut down. Had to remove and weld up leaking hydraulic plumbing. Put back together and function test snubbing jack. - Had hydraulic leak on snubbing unit. Shut down. Had to remove and weld up leaking hydraulic plumbing. Put back together and function test snubbing jack. - "Safety meeting". 0 psi on well. Continue snubbing in hole w/ tbg. PU 196 jts of 2 3/8" PH6 tbg, 2 3/8" string float", 1 jt of 2 3/8" PH6 tbg. EOT @ 7725'. Function tested motor 3 times on the way in. SIWFN w/ 19,739 BWTR. - "Safety meeting". 0 psi on well. Continue snubbing in hole w/ tbg. PU 196 jts of 2 3/8" PH6 tbg, 2 3/8" string float", 1 jt of 2 3/8" PH6 tbg. EOT @ 7725'. Function tested motor 3 times on the way in. SIWFN w/ 19,739 BWTR.

Daily Cost: \$0

Cumulative Cost: \$715,546

8/23/2011 Day: 10

Completion

Rigless on 8/23/2011 - RD snubbing unit. Spot NC#1 and Pioneer WL. Flowback tank caught on fire. - "Safety meeting" - 3000 psi on well. Snub in the hole w/ 4 jts of tbg to liner top @ 7814'. RU IPS pump truck. Pump 20 bbl blue sweep and flush w/ 29 bbls of wtr. - 3000 psi on well. Snub in the hole w/ 4 jts of tbg to liner top @ 7814'. RU IPS pump truck. Pump 20 bbl blue sweep and flush w/ 29 bbls of wtr. - "Safety meeting" - Flowback tank caught on fire. Evacuated personnel and equipment from location. Myton city and Roosevelt fire department arrived and put out fire. Shut down pending incident investigation. - Flowback tank caught on fire. Evacuated personnel and equipment from location. Myton city and Roosevelt fire department arrived and put out fire. Shut down pending incident investigation. - Flowback well on 32/64 choke while snubbing out of the hole w/ tbg. Flowed back a total of 543 bbls of wtr and 325 bbls of oil. Snub out w/ a total of 251 jts of tbg. LD Weatherford motor assembly and mill. SIWFN w/ 16,508 BWTR. - MIRU NC#1. Spot rig on side of location. Move on spot Pioneer WLT and crane. Hold safety meeting w/ rig crew, WL crew, Weatherford toolhand and flowback crew. WL crew begin RU lubricator and crane. Weatherford tool and rig made up paker assembly. Flowback crew begin flowing back well. - RU hot oiler and steam off snubbing jack and BOP stack. RD snubbing jack and BOP stack. Release crane. - RU hot oiler and steam off snubbing jack and BOP stack. RD snubbing jack and BOP stack. Release crane. - Safety meeting - Safety meeting - Flowback well on 32/64 choke while snubbing out of the hole w/ tbg. Flowed back a total of 543 bbls of wtr and 325 bbls of oil. Snub out w/ a total of 251 jts of tbg. LD Weatherford motor assembly and mill. SIWFN w/ 16,508 BWTR. - MIRU NC#1. Spot rig on side of location. Move on spot Pioneer WLT and crane. Hold safety meeting w/ rig crew, WL crew, Weatherford toolhand and flowback crew. WL crew begin RU lubricator and crane. Weatherford tool and rig made up paker assembly. Flowback crew begin flowing back well.

Daily Cost: \$0

Cumulative Cost: \$848,362

8/24/2011 Day: 11

Completion

Nabors #1608 on 8/24/2011 - Safety meeting. Flowback well. RU Pioneer WL. Set pkr @ 7770'. RD WL. MIRU Nabors 1608. Finish Bleeding off well. Change out BOP. PU and RIH w/

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On/Off tool and 110 jts of tbg. - Held safety meeting with all contractors. - RU up washington head, floor and tongs. RIH w/ Weatherford On/Off tool, Weatherford X nipple (2.313") and 110 jts of 2 7/8" L-80 tbg. EOT @ 3596 and 1-8' 2 7/8" sub'. SIWFN w/ 16,508 BWTR. - 3350 psi on well. Flowback well thru flowback equipment to production equipment. RU Pioneer WLT, Crane and lubricator. Open up well on a 8/64 choke go to production equipment. Flowed back for 1 1/2 hrs, Rec 59 BTF. SIW. WL RIH w/ 5.96" Gauge ring to 7793'. POH w/ gauge ring. RIH w/ Weatherford WLEG w/ pump out plug, 2 7/8" X 4' L-80 sub, Weatherford XN nipple (2.313"), 2 7/8" X 8' L-80 sub, Weatherford 7" AS1 pk W/ On-off tool seal assembly. Set pkr @ 7770'. POH w/ WL. RD WLT, Lubricator and crane. - Hold safety meeting w/ Nabors 1608 rig crew and toolpusher, Runners LLC and CTAP drivers. Spot pipe racks, Unload tbg from CTAP trucks. Rig crew got BOP's ready to swap out. RU Nabors 1608. Bled well down for 5 hrs. Talley first role of tbg. RU hot oiler and pump 25 bbls of wtr down csg. Bled off gas. ND Weatherford Cameron10K BOP. NU Weatherford 7 1/16" 10K X 7 1/16" 5K spool and Nabors BOP.

Daily Cost: \$0

Cumulative Cost: \$868,895

8/26/2011 Day: 12

Completion

Nabors #1608 on 8/26/2011 - Continue RIH w/ tbg. Space out tbg for packer. Pump Pkr fluid. Land tbg. ND BOP. NU and pressure test WH. Pump out plug. Put well on production. - "Safety meeting" 75 psi on well. RU hot oiler and circulate 20 BW down tbg. LD 8' sub. Continue PU and RIH w/ tbg. Latch onto paker. Space out tbg. LD 2 jts of tbg. PU 1- 8', 1- 6', 1-4' X 2 7/8" N-80 subs, 1- jt tbg. Mix 45 gals Multi-Chem C-6031 & 15 gals B-8850 in 235 bbls fresh water spot w/ 45 bbl;s of fresh wtr. RU hot oiler and pump packer fluid. Circulated back to production tanks. RD hot oiler. Install Cameron double check valve in hanger. Latch up on/off tool, Pull 12,000# over on packer. Land tbg on hanger. ND Nabors BOP and weatherford changeover spool. NU Cameron 10K WH. Cameron pressure tested void on WH to 10,000 psi. RU Weatherford and pressure test and chart WH agaist double check valve to 10,000 psi. Retrieve check w/ dry rod. - RU hot oiler to WH. Pressure up on tbg to 3800 psi. Pump out pump off plug. Hot oiler pump 10 BW. - Find stem in choke on WH was bent. Wait on parts from Vernal. Relace stem in choke. - Open up well to production tanks. 2700 psi on 14/64 choke. 16,518 BWTR.

Daily Cost: \$0

Cumulative Cost: \$981,848

8/30/2011 Day: 13

Completion

Rigless on 8/30/2011 - "Safety meeting" RU PLS WLT and CoreLab production logging tools. Ran production log from 9493' to 7650'. RD logging tools and WLT. 14,048 BWTR. FINAL REPORT!!! - "Safety meeting" RU PLS WLT and CoreLab production logging tools. Ran 1.80" gauge ring, Tagged fill @ 9513'. Ran production log from 9493' to 7650'. RD logging tools and WLT. 14,048 BWTR. FINAL REPORT!!! **Finalized**

Daily Cost: \$0

Cumulative Cost: \$1,056,785

Pertinent Files: [Go to File List](#)

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CONFIDENTIAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
FEE

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

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
NEWFIELD EXPLORATION COMPANY

8. Lease Name and Well No.
LAMB 1-19-3-1W

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

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

9. AFI Well No.
43-013-50425

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

 At surface **1196' FNL & 1125' FWL (NW/NW) SEC. 19, T3S, R1W**

10. Field and Pool or Exploratory
WILDCAT

11. Sec., T., R., M., on Block and Survey or Area
SEC. 10, T4S, R1W

At top prod. interval reported below

 At total depth **10175'**

12. County or Parish
DUCHESNE

13. State
UT

14. Date Spudded
11/26/2010

15. Date T.D. Reached
07/12/2011

16. Date Completed **08/25/2011**
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
5228' GL 5245' KB

18. Total Depth: **MD 10175'**
TVD

19. Plug Back T.D.: **MD 10170'**
TVD

20. Depth Bridge Plug Set: **MD**
TVD

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

22. Was well cored? No Yes (Submit analysis)
 Was DST run? No Yes (Submit report)
 Directional Survey? No Yes (Submit copy)

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	9-5/8" J-55	36#	0	3025'		625 CLASS G			
8-3/4"	7" P-110	26#	0	8141'		241 PRIMLITE		450'	
						330 50/50 POZ			
6-1/8"	4.5" P110	11.6#	7814'	10170'		260 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@ 7782'	TA @ 7625'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Wasatch	7893'	9447'	8213-9447'	.35"	174	
B)			7893-8036'	.39"	36	
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
8466-9447'	Frac w/84715# 100 mesh, 408408# 20/40 white sand, 58500 20/40 TLC; 8360 bbls Lightning 20/Slickwater fluid; 4 stages.
8213-8382'	Frac w/19638# 100 mesh, 87120# 40/70 white sand, 12240# 30/50 TLC; 2772 bbls Slickwater fluid; 1 stage.
7893-8036'	Frac w/193500# 20/40 white sand and 25120# 20/40 TLC; 1376 bbls Lightning 17 fluid; 1 stage.

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
8/21/11	9/5/11	24	→	328	255	428			2-1/2" x 2" x 38' MG3 RHBC 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	
			→						

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

28b. Production - Interval C

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

28c. Production - Interval D

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

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

SOLD AND 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
WASATCH	7893'	9447'		GREEN RIVER	3232'
				MAHOGANY BENCH TOP	5214'
				GARDEN GULCH MARKER	6041'
				GARDEN GULCH 1	6280'
				GARDEN GULCH 2	6437'
				DOUGLAS CREEK MRKR	7152'
				UTELAND BUTTE	8270'
				WASATCH	8401'

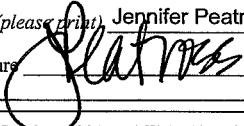
32. Additional remarks (include plugging procedure):

The above well was spud on 11/26/2011, by Harvest Holdings. The well was drilled and completed by Newfield, after being acquired from Harvest in June 2011.

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) Jennifer Peatross Title Production Technician
 Signature  Date 11/28/2011

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

Format For Sundry

LAMB #1-19-3-1

5/1/2011 To 9/30/2011

LAMB #1-19-3-1

Rig up on the Lamb 1-19-3-1.

Date: 6/23/2011

Pioneer #69 at 3019. Days Since Spud - location with Pioneer forklift - All major rig components moved to new location and only 1-2 built up loads remain on Yergensen - made by him to be notified of expected test time for state of Utah to witness testing. - State of Utah given notification (Dan Jarvis) of intent to nipple up BOPE and test same. Request - to excess DOT hours if worked past 18:00 hrs. Crane moved to new location and rigged up ready to go. - JSA for days work; Mobilize camp and rig. Rig up camp and crane to rig up with. Trucks shut down due - SDFN

Daily Cost: \$0

Cumulative Cost: \$47,870

LAMB #1-19-3-1

Rig up on the Lamb 1-19-3-1.

Date: 6/24/2011

Pioneer #69 at 3019. 0 Days Since Spud - N/U BOPE - State of UT (Dan Jarvis) notified of internet to test BOPE via after hours voice mail. - Rig accepted @ 04:00 hrs. - 8.9 ppg and de-water mixed mud and water from cellar and sumps to re-use - drill string and BHA components; Receive 4% KCL to spud well with; strip back KCL / Polymer mud to - Continue to R/U; change out 3 1/2" XH tools t/ 4 1/2" XH tools and handling equipment. Organize - 15:00 hrs. J&C crane released @ 15:30 hrs. - Tri-State arrived on location at 07:00 hrs w/ 2 bed trucks, 5 haul trucks and 1 forklift. Released @ - guywires, rig up electrical, rig up water lines and air lines. Brake water lines. - JSA for days work; Set pits, set pumps, rig up pumps, set sub, and carrier, rig up same, level - carrier and y-base, scope up sub, raise derrick, scope up derrick with J&C 240 ton crane, attach

Daily Cost: \$0

Cumulative Cost: \$95,589

LAMB #1-19-3-1

Pre-Spud Inspection

Date: 6/25/2011

Pioneer #69 at 3019. 0 Days Since Spud - R/D L/D truck. - Slip and cut 125' drlg line. - Pre-Spud Inspection - JSAs held at every change of operation. - JSA for days work; finish nipping stack up to well head; install rotating head; P/U and M/U kelly; - torque same; install and torque safety valve and saver sub; install mouse hole and pound last 15' in - with kelly due to incorrect angle drilled; R/U gas buster, flare and panic lines to flare box/ stack - Tighten flanges on BOPE; R/U flow line - PJSM with BOP tester; test lower kelly valve, upper kelly valve, dart valve and FOSV on rig floor. - All tests 250 psi for 5 min and 5000 psi for 10 minutes. - Pipe rams failed test; remove pipe rams from stack. There was damage found to the metal bodies and - replacement rams were sent from Vernal. JSA with crew coming on for installing new pipe rams; - Install pipe rams and fill stack with water - Test stack; Pipe and blind rams 250 psi / 5000 psi; annular preventer 250 psi / 3500 psi; choke - manifold 250 psi / 5000 psi and the 9 5/8" casing to 1500 psi for 30 minutes. All tests charted - and posted in office. State of Utah (Dan Jarvis) notified by voice mail @ 06:00 hours for upcoming - test with no response from state of Utah. - Install wear bushing in well head - R/U L/D truck and P/U & M/U BHA components and drill pipe to 3000' +/-

Daily Cost: \$0

Cumulative Cost: \$130,297

LAMB #1-19-3-1**Drilling ahead @ 4574' MD****Date:** 6/26/2011

Pioneer #69 at 4574. 1 Days Since Spud - Drill out cmt f/ 2916' t/ 2984'. FC & FS @ 2984' - 2988'. - Drilled rat hole and new hole to 3005'. - Circulate hole clean and establish consistent mud weight of 8.6 ppg. P/U into csg and close annular, - 4" valve on stand pipe and open HCR Choke and manual choke. Perform FIT to 10 ppg mud weight with - BOP drill held by daylight crew / fire drill held by night crew - Drlg f/ 3005' t/ 3437'. 10-20K WOB rotary 30-60 and 550 gpm 1900 psi off 2200 psi on - Lubricate rig - Drlg f/ 3437' t/ 4574' MD; 10-20K WOB - 60 rotary - 600 gpm @ 2300 psi - JSA for days work; Finish pre-spud inspection. - 218 psi. Test charted and recorded.

Daily Cost: \$0**Cumulative Cost:** \$172,119**LAMB #1-19-3-1****Drilling ahead @ 5837' MD****Date:** 6/27/2011

Pioneer #69 at 5837. 2 Days Since Spud - JSA for days work; Drlg f/ 4574' t/ 5111' - Lubricate rig - Drlg f/ 5111' t/ 5206' - JSA for days work; Drlg f/ 5206' t/ 5837' - Slides @ 4858' - 4875' & 5295' - 5270' (42' total) - Visit from Upshaw Consulting. 62 items found that need attention. Crews at work getting house in - order. Red box failed this morning and was replaced with back up unit. - Trouble with EM tool from 4950' to 5150' (unable to get survey) - BOP and Fire Drills held on day tour.

Daily Cost: \$0**Cumulative Cost:** \$211,343**LAMB #1-19-3-1****Drilling ahead at 6628'****Date:** 6/28/2011

Pioneer #69 at 6628. 3 Days Since Spud - JSA; Mud up w/ 9.5 ppg mud from storage; observe well for flow (static) and slug pipe - 7" casing and jewelry arrived on location 185 jt w/ 2 marker jts - Drlg f/ 6438' t/ 6628' ; slide f/ 6438' t/ 6463' & 6470' t/ 6490' (45' total) - TIH as per Payzone Directional to get surveys that had been missed while drilling.(NPT) - (NPT for Payzone Directional) - Trip out for EM tool; TOOH t/ 5170' where EM hand noticed survey from 6300' +/- . Stop trip - Large gas show @ 6360' (7200 units) ; circ through gas buster w/ 40' flare; begin mud up - Time spent attempting to get surveys (NPT for Payzone Directional) - JSA for days work; Drlg f/ 5837' t/ 6438' All rotate, no surveys for last 600'.

Daily Cost: \$0**Cumulative Cost:** \$246,817**LAMB #1-19-3-1****C/O MWD tools / Tripping @ BHA****Date:** 6/29/2011

Pioneer #69 at 7261. 4 Days Since Spud - Drlg f/ 7070' t/ 7165' - Rotate 91% Slide 9% - JSA for days work; Drlg r/ 6628' t/ 7070' (Slide f/ 6786' t/ 6813') - Visit from State of Utah (Dennis Ingram). Request to be included on BOP test, casing and cmt - Service Rig - notifications. Contact information left in office. - JSA for days work; Drlg f/ 7165' t/ 7197' - 20K over pull @ 5180' on TOOH; BOP and Fire drill performed - Observed well at 9 5/8" csg shoe (2988') and w/ BHA 1 stand below BOPs (static both times) - TOOH f/ 7261' t/ BHA; no difficulty seen on trip out and hole took proper fill. - Circulate hole clean; fill trip tank; build slug; observe well for flow (well static); pump slug - Drlg f/ 7197' t/ 7261' (slide f/ 7197' t/ 7229') - (well static); TOOH f/ 71977' t/ 6932'; EM tool synced up; TIH t/ 7197' - Unable to get survey from EM tool (last survey @ 6985'); Circulate hole clean; observe well for flow

Daily Cost: \$0**Cumulative Cost:** \$334,797

LAMB #1-19-3-1**Drill 8 3/4" hole with mud****Date:** 6/30/2011

Pioneer #69 at 8016. 5 Days Since Spud - Drilling 8.75" hole from 7415 to 8016 @ 48 fph with 440 gpm and 15 to 20 k wob - Safety Meeting on Weather Conditions Drilling into Pressure and Houskeeping - Lubricate Rig (JSA) - Drilling 8.75" hole from 7260 to 7415 with 440 gpm and 15 to 20 k wob / 44.2 fph - Wash down 2 jts (JSA) - Trip (Jsa) Stand back BHA laydown 1 NMDC and 2 Subs, Change MWD tool, Change bit, Scribe Tools - Trip in hole with to csg shoe and Fillup (JSA), Trip in to 5551, Fillup (function test BOPE)

Daily Cost: \$0**Cumulative Cost:** \$383,773**LAMB #1-19-3-1****Circulating Condition mud****Date:** 7/1/2011

Pioneer #69 at 8155. 6 Days Since Spud - Safety Meeting on Weighting up mud and Tripping out of hole - (JSA) Circulate and Condition Mud Raise Weight from 10.2+ to 10.5 ppg (8000 Units after short trip - Short trip back to 5000' (JSA) Pulled through Tight spot at 5170' and trip in hole - (JSA) Circulate and Condition Mud Raise Weight from 10.0+ to 10.2+ - Lubricate Rig (JSA) - Drilling 8.75" hole from 8016 to 8155 with 440 gpm and 15 to 20 k wob - with 15 ft flair) Safety Meeting on Tripping out and Proper Hole fill up with Trip sheet - (JSA) Circulate and Condition Mud Raise Weight from 9.7 ppg to 10.0+

Daily Cost: \$0**Cumulative Cost:** \$468,313**LAMB #1-19-3-1****Logging second run****Date:** 7/2/2011

Pioneer #69 at 8155. 7 Days Since Spud - Safety Meeting on Logging and Trip in hole. - (JSA with Loggers) change Logging Tools for second run / Logg second run side wall coring. - Rig up Halliburton Loggers and Log 1st run Tripple Combo / Loggers TD= 8156'(JSA) safety meeting - Pull out of hole for Logs (JSA) stand back Drilling assembly "As is" SLM tally.(Trip Tank) - Circulate and condition Mud Increase weight to 10.5 ppg (JSA on Pull out of hole)

Daily Cost: \$0**Cumulative Cost:** \$499,625**LAMB #1-19-3-1****Logging second run****Date:** 7/3/2011

Pioneer #69 at 8165. 8 Days Since Spud - Logging Run 2 Side wall coring Retrieved 26 of 30 tried / Rig down coring tools - Logging Run #3 / Rig up and run XMRI wave / rig down bad tools and Pick up Back up string and Run - logs / Rig down Loggers - Trip in hole /(JSA) lay down Directional Tools and Trip in hole. (JSA) fill pipe and test pumps at - csg Shoe, Fill pipe and break circulation at 5530 - Circulate up Trip gas on Buster 15 ft Flair 8900 units (JSA) - Drill 8.75" hole from 8155 to 8165 to fit casing (JSA) - Circulate and condition Mud / Rig up Laydown crew. - Safety Meeting with weatherford trs lay down crew

Daily Cost: \$0**Cumulative Cost:** \$613,935**LAMB #1-19-3-1****Cementing****Date:** 7/4/2011

Pioneer #69 at 8165. 9 Days Since Spud - Circulate and condition mud (Safety Meeting)(JSA) - Trips / Lay down 4 1/2" Drill string (JSA) / Break down Kelly and(JSA) Lay down BHA - Pull Wear Bushing - Rig up Casing Crew(JSA) and Turn Jacks around to Pick up Casing With Lay down Machine - Crew. Safety Meeting With Rig Crew and Cementers (JSA - Stop Work athority) - Run 7" 26# P-110 Casing (179 Joints+MKR and Landing assembly) To 8157' (Tag

btm at 8166') - Fill Pipe on the run Break Circulation with swedge at Surface casing shoe and at 4400' Land in well - head and Rig up Cementing head and Fill pipe and Break Circulation at 5.5 BPM - Circulate casing (9000 Units of gas at BTM's Up -NO Flair) Rig Down Casing Crew and Rig Up BJ Cement - JSA and Pre Job Safety Meeting With Casing and Lay Down Crew

Daily Cost: \$0

Cumulative Cost: \$648,126

LAMB #1-19-3-1

TIH / Pick up Drill 4" string

Date: 7/5/2011

Pioneer #69 at 8165. 10 Days Since Spud - Condition Mud and Circulate / Rig up Cement Crew (JSA) - Trips / Pick up Bit Motor and Directional Tools and Scribe, Pick Up BHA and Drill pipe Trip In Hole - 156 bbls lead slurry at 11 ppg, 68.5 bbls tail slurry at 14.4 ppg, wash up Pumps with 15 bbls drop - Plug and displace with 310.2 bbls of 11 ppg mud, Bumped plug with 500 psi over FCP of 990 Psi - Held pressure for three Minutes then flow back and check floats, Floats held, Rig down - Plug down at 09:17 (JSA prior to rig down) - Wait on cement / Prepare for Pressure test: change out kelly and rig down handling tools then rig up - 4" tools, Change out Pipe rams, Strap and Caliper BHA - Test BOPE(JSA) Pre job safety Meeting / Test Kelly and upper and lower Kelly Valves to 250 low and - 5000 High for 1 min., Test Pipe rams HCR and Kill Line to 250 low and 5000 high for 10 minutes, test - test Manuel valves on Choke line and Manifold as well as Blinds to 250 low and 5000 high for 10 min. - Pressure test casing to 250 low and 1500 High for 30 minutes. - Had leaks on main well hear flange choke and kill lines, leaks on Blind flange on Mud cross. Had - had trouble getting Test plug to seal in well head. - Rig up Laydown Machine and hold Prejob Safety Meeting with Crews. - Cementing Casing Pressure Test to 3500 PSI, Pump 10 bbl dye water, 10 bbl Mud clean, 5bbl fresh,

Daily Cost: \$0

Cumulative Cost: \$709,215

LAMB #1-19-3-1

Drill 6 1/8" hole with mud

Date: 7/6/2011

Pioneer #69 at 8395. 11 Days Since Spud - Trip in hole / pick up 4" drill string.(JSA And prejob safety meeting) - Slip and Cut 140' of Drilling Line / Rig down lay down machine (JSA) - Drilling 6 1/8" Hole from 8175' to 8395' put in 3 Slides for Deviation controle / ROP 27.5 fph - Drill cement drill out Plug, Float and shoe track, 7 ft Cement and 10 Ft of New drilled Plug at 8107 - Circulate condition Mud and Perform FIT Test to 1400 PSI to give us a 14 PPG EMW at shoe.(JSA) - Circulate /(JSA) kelly Up, Fill Pipe, Count Pipe and Check Tally, unplug Bit Break Circulation

Daily Cost: \$0

Cumulative Cost: \$977,394

LAMB #1-19-3-1

Drill 6 1/8" hole with mud

Date: 7/7/2011

Pioneer #69 at 9151. 12 Days Since Spud - Drilling 6 1/8" Hole from 8395' to 8646' / ROP 31.4 fph (JSA and Pretour Meeting) f/ 8395' to 8550 - with 10.6+ mw and avg 1200 units (drilling break from 8529 to 8534) started seing background gas of - 7000 units, started weight up with .1/ circ., we had .4 gas cut at 10.9 @ 8800' continue to wt up. - Pretour Safety Meeting and JSA - Drilling 6 1/8" Hole from 8646' to 9115'- ROP 32.6 fph / MW at 10.9 @ 8800' w/ .4 gc cont to wt up. - to controle 7500 units BG and flairs on Con gas of 8500 /wt up to 11.2+ and still seing 5500U - Lubricate rig / Check for flow (JSA) / Fire Drill 3min. 24 sec. / BOP Drill 56 sec.

Daily Cost: \$0

Cumulative Cost: \$1,049,880

LAMB #1-19-3-1**Drill 6 1/8" hole with mud****Date:** 7/8/2011

Pioneer #69 at 10028. 13 Days Since Spud - Drilling 6 1/8" hole from 9151 to 9526 with 11.2 mw, 3300 u of gas, .2 gc with flair on cg. Of 4500u - Conditioning Mud to reduce water loss and degas mud in tanks (JSA) drilled show at 9135 to 9186 with - 11.2+ Mwi and 11.1 MWO with a 10' flair and 7000 u gas (JSA) - gas down to 900 u wit a mwo of 11.5+ for gc of .1 / Water losses down to 5 with mud in good shape - Drilling 6 1/8" hole from 9526 to 10028 with mw increasing from 11.2+ to 11.6+ to controle gasses - (JSA)(Safety Meeting on Mud Mixing and Well controle), Weighting up and conditioning mud - at 11.4 ppg @ 9650 we still had 2600 u and .25 gc so we increased the mwi to 11.6+ this brought bg - Lubricate rig / Check Flow (NO FLOW) (JSA)

Daily Cost: \$0**Cumulative Cost:** \$1,092,274**LAMB #1-19-3-1****TOOH****Date:** 7/9/2011

Pioneer #69 at 10175. 14 Days Since Spud - Drilling 6 1/8" hole from 10028 to 10175 with mw increasing from 11.6+ to 11.7+ to controle gasses - (Pretour Safety Meeting and JSA) Drilling with 800 u and connection gas of 7500 u - Circulate and condition Mud / Increase Mud weight to 12.2+ ppg over 3 circulations to clean hole and - kill well bore gasses.(JSA) Mix pill - strapping pipe, (JSA) (Trip sheets Filled out and proper fill up was observed) Pulled to top of BHA - (Pretour Safety Meeting on Tripping and Well controle) No tight spots or ledges in well bore. - Circulate and condition, Circulate out gas form short trip, 7800 U with no flare. Well is killed - Pull out of Hole for Logs, Pulling slow to reduce surge/swab pressure, (SLM) check flow while - Short Trip Back through float collar above casing shoe at 8100' then trip back in the hole (JSA)

Daily Cost: \$0**Cumulative Cost:** \$1,141,041**LAMB #1-19-3-1****Logging 3rd Run (XRMI)****Date:** 7/10/2011

Pioneer #69 at 10175. 15 Days Since Spud - Trip out of hole (JSA) lay down Directional tools and Mud Motor - Rig up Loggers and Clean Rig floor / Rig up for Triple combo Run (JSA) (saety Meeting With Loggers - Logging First Run / Triple Combo, Hole in good condition with no Flow/ loggers td=10170' - Logging / Pick up new XRMI Tool and Run in hole and log - Logging / Rig up third Run (XRMI) and Run in the hole to bottom and complete repete pass then begin - logging, Tool Shorted out/ pull out of hole and lay down MRXI - Logging / Wait on New XRMI tool to be delivered from Vernal Yard - Logging Second Run /Pick up second Run Assembly run in hole to 10170 and cut 30 Side wall cores

Daily Cost: \$0**Cumulative Cost:** \$1,181,380**LAMB #1-19-3-1****TOOH / Lay down BHA****Date:** 7/11/2011

Pioneer #69 at 10175. 16 Days Since Spud - Run Wireline Loggs (JSA) (Pretour Safety Meeting) Third run XRMI / Rig Down loggers - Trip in hole for clean out run (JSA) Fill pipe at 4500, 7200, and at casing shoe Break circulation - Cotinue in hole and Kelly up at 10100' - (Prejob Safety Meeting With Weatherford TRS Lay Down Crew) - 20' to 30' Flare with a .4 Gas cut returns (3900U gas on Buster) Continue Circulating and Mix Pill - Trips / Pump pill and Pull out of Hole (monitor Trip Tank and check for flow every 10 stnds) (JSA) - Stand Back 130 Stands then Rig up laydown Machine and Lay down 40 Jts DP and all of BHA - Circulate and condition / (JSA- Well controle)Pump bottoms up put flow on Buster and Flare Gas

Daily Cost: \$0

Cumulative Cost: \$1,293,456

LAMB #1-19-3-1**TOOH / Lay down BHA****Date:** 7/12/2011

Pioneer #69 at 10175. 17 Days Since Spud - Casing / Rig Up Casing Crew Clean Up Rig Floor / Prejob Safety Meeting With Casing Crew - Trips / Lay down 4" drill pipe - Casing Run / Make Up Liner Top Assembly and Rig Down Casing and Lay down crews (JSA) - Casing Run / Trip In Hole with 124 Stands, Pick Up Circulating Head on Single and Tag at 10175' - Rig Up Cementers and Begin Circulating Casing With 171 GPM at 1100 PSI (JSA) 20 ft flare at btms up - Circulate and Condition W/ BJ spotted in and Rigged Up.(Safety Meeting and JSA) Mix Spacer To 12.5 ppg - Hang off Liner Top at 7813.65 RKB (JSA) with Weatherford Tools Personell - Cementing / Pump 20 Bbls Seal bond Spacer with Rig Pump/ Switch Lines and pressure test Cement Head - and pump and lines to 4000 psi, Pump cement 55.5 bbls (Actual) 50/50 Poz at 14.4 ppg - Cement And additives: 260 sx50/50 POZ with .05#static free, .2%R3, 3%KCL, 05% EC1, .4%cd32, .7%FI25 - .002 GPS fp6L, 2% gel, .3% SMS, 54.2% fresh water. - Flush Pump and lines then drop Pipe wiper plug and Start Displacement / Bumped plug at 109 bbls away - (actual) and pressured up to 2600 Psi (700 over FCP of 1900) Bleed off and check Floats (Floats held - flowed back 1.5 bbl) Set Packer and Unsting from Liner Top. Pick up and Begin Reverse Circulation - Reverse Circulate to displace out Mud and Cement with 2% KCL water @ 4 bpm caught pressure at 30 bbl - got back 8 bbls Clean cement and 22 bbls of spacer circulated through 20 bbls clean water. - Cement / Rig Down cementers and Clean flor for laydown / Rig up lay down machine (Safety meeting) - Casing Run / Pick Up and Run 4 1/2" Production Liner with Weatherford TRS Casers (JSA)

Daily Cost: \$0**Cumulative Cost:** \$1,437,352

LAMB #1-19-3-1**Rig Released Prepare to Mob.****Date:** 7/13/2011

Pioneer #69 at 10175. 18 Days Since Spud - Trips Continue to Pull out of hole and Lay Down Drill pipe (JSA) - (Safety Meeting On Laydown Pipe) RNI Cleaning Tanks - Rig Released at 18:00 - Nipple Down BOPE (JSA) - Rig Down Lay down Machine **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$1,636,680

Pertinent Files: Go to File List

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: LAMB #1-19-3-1
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013504250000
3. ADDRESS OF OPERATOR: 1001 17th Street, Suite 2000 , Denver, CO, 80202	PHONE NUMBER: 303 382-4443 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1196 FNL 1125 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 19 Township: 03.0S Range: 01.0W Meridian: U	9. FIELD and POOL or WILDCAT: NORTH MYTON BENCH
	COUNTY: DUCHESNE
	STATE: UTAH

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

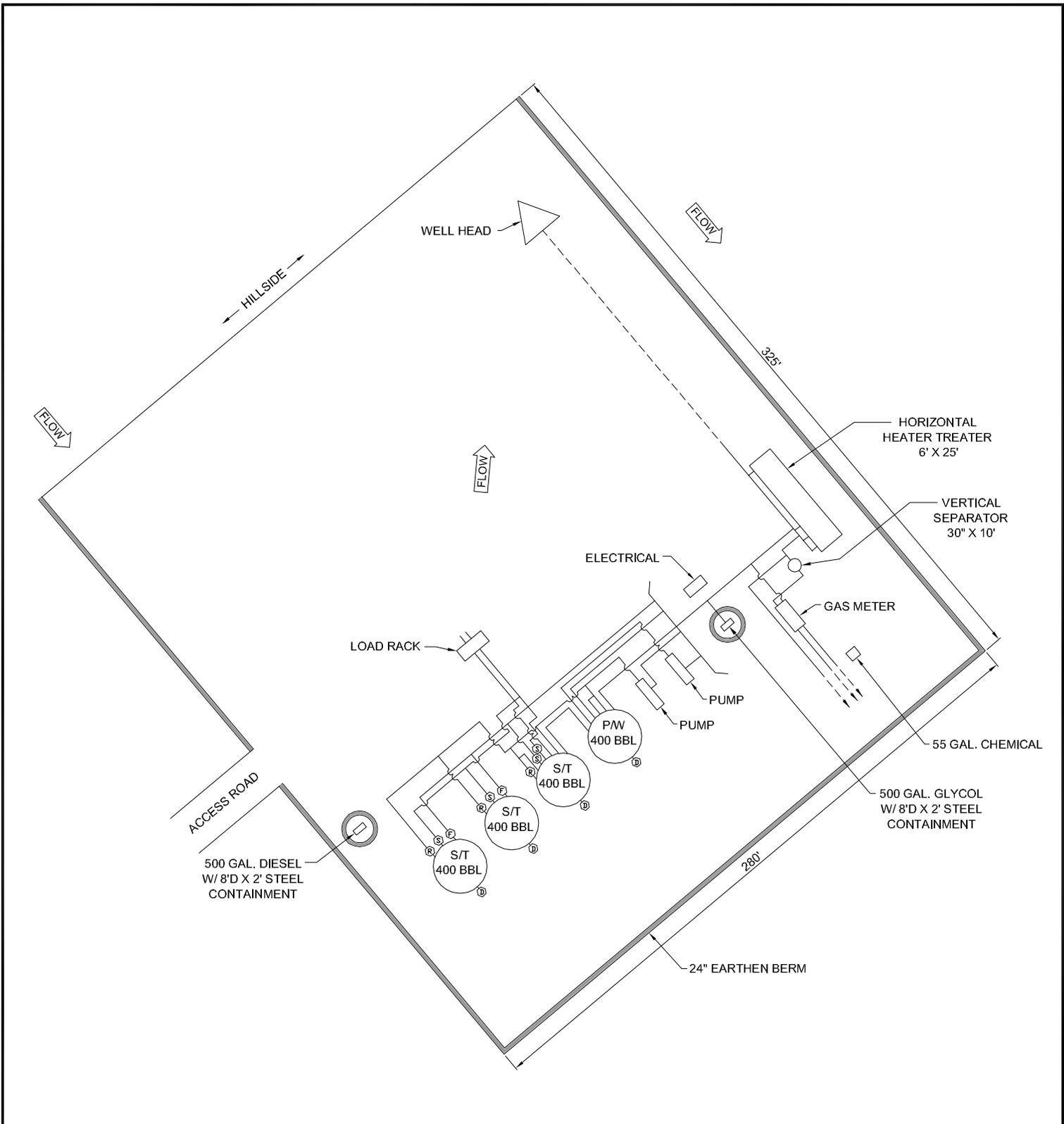
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/1/2012	<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 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 checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Site Facility/Site Security"/>

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

SEE ATTACHED REVISED SITE FACILITY DIAGRAM

**Accepted by the
 Utah Division of
 Oil, Gas and Mining
 FOR RECORD ONLY
 August 27, 2012**

NAME (PLEASE PRINT) Jill L Loyle	PHONE NUMBER 303 383-4135	TITLE Regulatory Technician
SIGNATURE N/A	DATE 8/13/2012	



UTU87538X

POSITION OF VALVES AND USE OF SEALS DURING PRODUCTION <table border="1"> <tr><th>Valve</th><th>Line Purpose</th><th>Position</th><th>Seal Installed</th></tr> <tr><td>D</td><td>Drain</td><td>Closed</td><td>Yes</td></tr> <tr><td>F</td><td>Oil, Gas, Water</td><td>Open</td><td>No</td></tr> <tr><td>O</td><td>Overflow</td><td>Open/Closed</td><td>No</td></tr> <tr><td>V</td><td>Vent</td><td>Open</td><td>No</td></tr> <tr><td>R</td><td>Recycle</td><td>Closed</td><td>Yes</td></tr> <tr><td>B</td><td>Blowdown</td><td>Open/Closed</td><td>No</td></tr> <tr><td>S</td><td>Sales</td><td>Closed</td><td>Yes</td></tr> </table>				Valve	Line Purpose	Position	Seal Installed	D	Drain	Closed	Yes	F	Oil, Gas, Water	Open	No	O	Overflow	Open/Closed	No	V	Vent	Open	No	R	Recycle	Closed	Yes	B	Blowdown	Open/Closed	No	S	Sales	Closed	Yes	Valve Type D - Drain Valve F - Flow Valve O - Overflow V - Vent R - Recycle B - Blow Down S - Sales Valve				Federal Lease #: API #: This lease is subject to the Site Security Plan for: Newfield Exploration Company 19 East Pine Street Pinedale, WY 82941						LAMB 1-19-3-1																													
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						Note: This drawing represents approximate sizes and distances. Underground pipeline locations are also approximated.																																																																					

RECEIVED: Aug. 13, 2012

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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
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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 Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/7/2012	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
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	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: <input type="text" value="Site Facility/Site Security"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. SEE ATTACHED REVISED SITE FACILITY DIAGRAM		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY February 14, 2013		
NAME (PLEASE PRINT) Jill L Loyle	PHONE NUMBER 303 383-4135	TITLE Regulatory Technician
SIGNATURE N/A	DATE 1/25/2013	

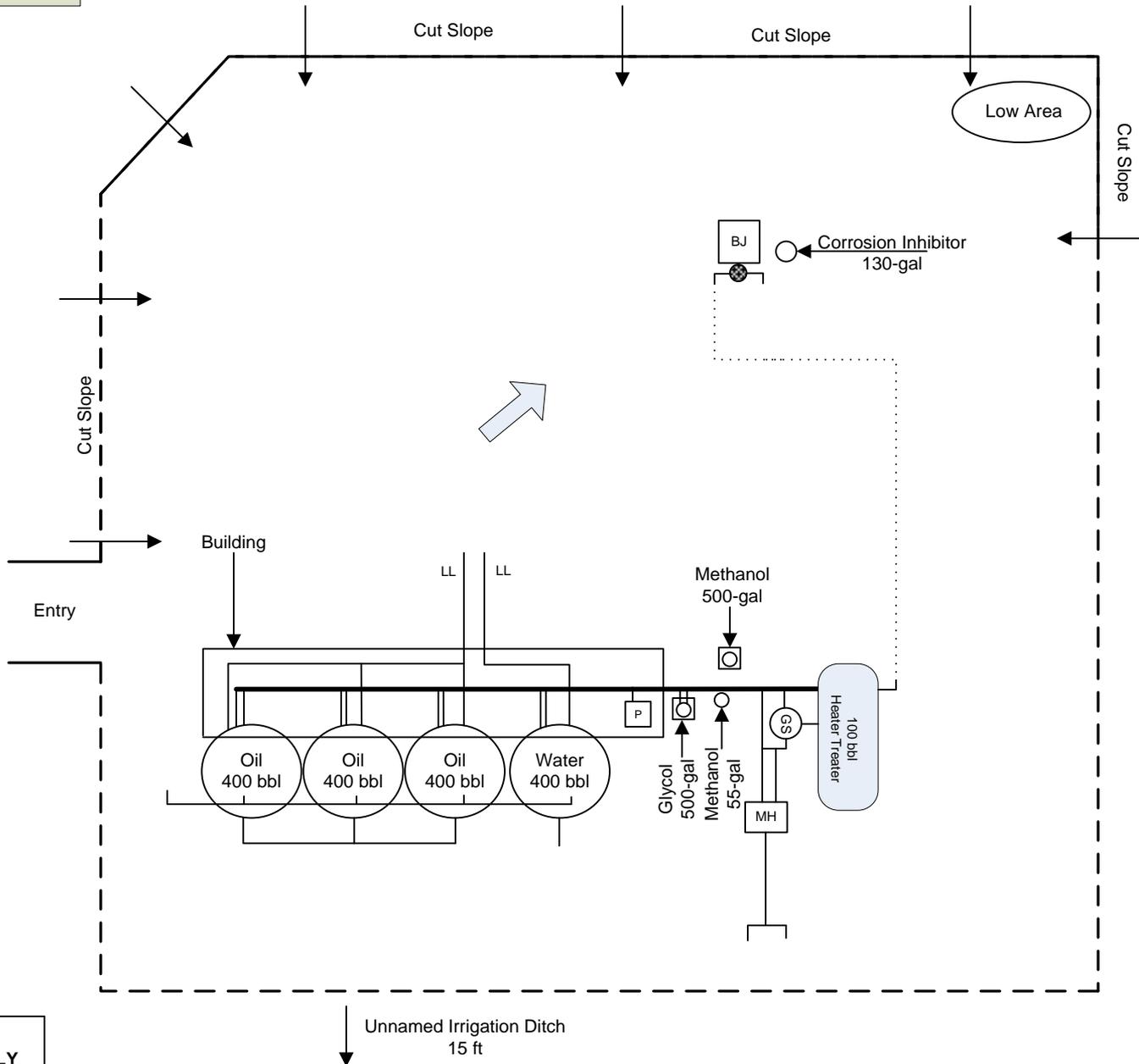
NEWFIELD PRODUCTION COMPANY

LAMB 1-19-3-1W
 SEC.19 T3S R1W
 DUCHESNE COUNTY, UTAH



LEGEND

- FENCE
- - - BERM
- ABOVEGROUND PIPING
- UNDERGROUND PIPING (LOCATION APPROXIMATE)
- [MH] METER HOUSE
- ← DIRECTION OF FLOW
- bbbl BARREL(S)
- LL LOAD LINE
- ⊗ WELL HEAD
- [BJ] BELT JACK
- [P] PUMP
- (GS) GAS SCRUBBER
- PIPING CONDUIT



ALL UNDERGROUND PIPING IS FOR
 PROCESS FLOW DEMONSTRATION ONLY

