

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

FORM 3

AMENDED REPORT
(highlight changes)

APPLICATION FOR PERMIT TO DRILL		5. MINERAL LEASE NO: ML 47000	6. SURFACE: State
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>		7. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. UNIT or CA AGREEMENT NAME:	
2. NAME OF OPERATOR: EOG RESOURCES, INC.		9. WELL NAME and NUMBER: Big Wash 61-16GR	
3. ADDRESS OF OPERATOR: P.O. Box 1815 CITY Vernal STATE UT ZIP 84078		PHONE NUMBER: (435) 789-0790	10. FIELD AND POOL, OR WILDCAT: <i>Widdow</i> Natural Buttes/Green River
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 854 FNL 618 FEL 39.948794 LAT 110.117067 LON AT PROPOSED PRODUCING ZONE: SAME		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 16 10S 16E S	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 22.8 Miles Southeast of Myton, Utah		12. COUNTY: Duchesne	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 660	16. NUMBER OF ACRES IN LEASE: 680	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET)	19. PROPOSED DEPTH: 5,650	20. BOND DESCRIPTION: NM 2308	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 6491 GL	22. APPROXIMATE DATE WORK WILL START:	23. ESTIMATED DURATION: 30 Days	

24. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
12-1/4	9-5/8 J-55 36#	0-500'	See Attached Eight Point Plan
7-7/8	4-1/2 J-55 11.6#	500'-TD	See Attached Eight Point Plan

25. **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"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER	<input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Kaylene R. Gardner TITLE Sr. Regulatory Assistant

SIGNATURE *[Signature]* DATE 1/4/2007

(This space for State use only)

API NUMBER ASSIGNED: 43013-33485

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

**RECEIVED
JAN 08 2007**

(See Instructions on Reverse Side)
Date: 02-14-07
By: *[Signature]*

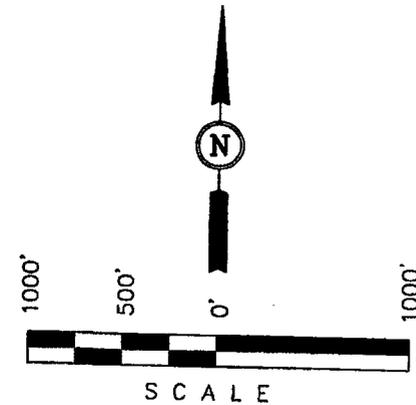
T10S, R16E, S.L.B.&M.

EOG RESOURCES, INC.

Well location, BIG WASH #61-16GR, located as shown in the NE 1/4 NE 1/4 of Section 16, T10S, R16E, S.L.B.&M. Duchesne County Utah.

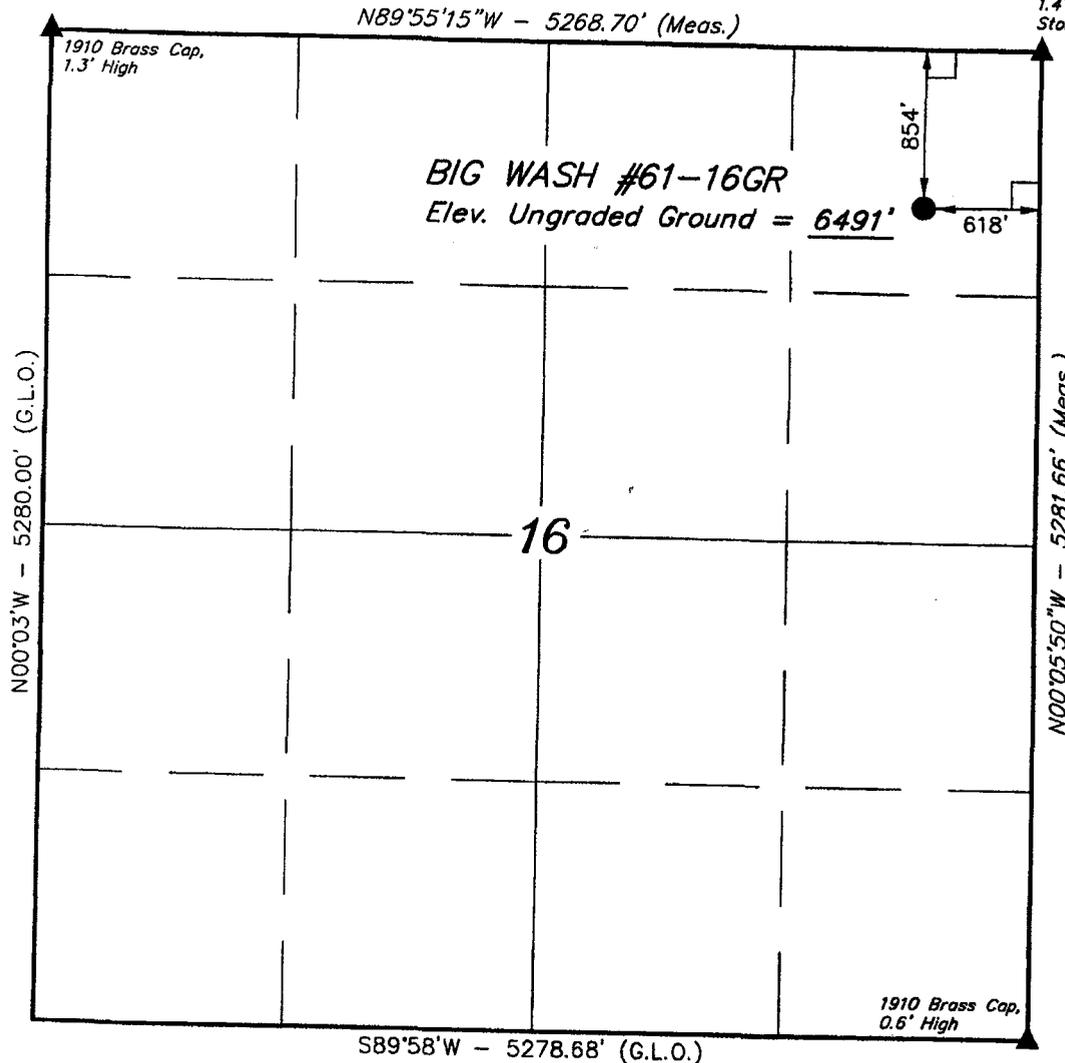
BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 3, T11S, R17E, S.L.B.&M. TAKEN FROM THE WILKIN RIDGE 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 7047 FEET.



CERTIFICATE

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



BASIS OF BEARINGS

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

LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

(AUTONOMOUS NAD 83)
 LATITUDE = 39°56'55.66" (39.948794)
 LONGITUDE = 110°07'01.44" (110.117067)
 (AUTONOMOUS NAD 27)
 LATITUDE = 39°56'55.53" (39.948758)
 LONGITUDE = 110°07'03.99" (110.117775)

UNTAH ENGINEERING & LAND SURVEYING		
85 SOUTH 200 EAST - VERNAL, UTAH 84078		
(435) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 10-5-06	DATE DRAWN: 10-6-06
PARTY T.A. B.C. K.G.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE EOG RESOURCES, INC.	

EIGHT POINT PLAN

BIG WASH 61-16GR
NE/NE, SEC. 16, T10S, R16E, S.L.B.&M.
UINTAH COUNTY, UTAH

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	TVD-RKB (ft)	Objective	Lithology	
Uinta FM	18			
Green River FM	1,148			
Mahogany Oil Shale Bed	2,318			Oil
Garden Gulch MBR	3,093	Secondary		Oil / Gas
Middle Carb Bed	3,28			
Douglas Creek MBR	4,018	Secondary		Oil / Gas
Castle Peak MBR	4,893	Primary		Oil / Gas
Uteland Butte MBR	5,343	Secondary		Oil / Gas
Wasatch	5,543			
TD	5,650			

EST. TD: 5,650' or 200' ± below Wasatch Top

Anticipated BHP: 2,790 Psig

1. Fresh Waters may exist in the upper, approximately 1,000 ft ± of the Green River Formation, with top at about 2,000 ft ±.
2. Cement isolation is installed to surface of the well isolating all zones by cement.

3. PRESSURE CONTROL EQUIPMENT: Production Hole - 5,000 Psig
 BOP Schematic Diagram attached.

4. CASING PROGRAM:

CASING	Hole Size	Length	Size	WEIGHT	Grade	Thread	Rating Collapse	Factor Burst	Tensile
Conductor	17 ½"	0 – 45'	13 ¾"	48.0#	H-40	STC	770 PSI	1730 PSI	322,000#
Surface	12 ¼"	45' – 500' KB±	9-5/8"	36.0#	J-55	STC	2020 PSI	3520 Psi	394,000#
Production	7-7/8"	Surface – TD	4-½"	11.6#	J-55	LTC	4960 PSI	5350 Psi	162,000#

All casing will be new or inspected.

EIGHT POINT PLAN

BIG WASH 61-16GR
NE/NE, SEC. 16, T10S, R16E, S.L.B.&M.
UINTAH COUNTY, UTAH

5. Float Equipment:

Surface Hole Procedure (0 - 500' ± Below GL):

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1 – 5-10' above shoe, every collar for next 3 joints (4 total).

Production Hole Procedure (500' ± - TD):

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-½", 11.6#, J-55 or equivalent marker collars or short casing joints to be placed 400' above top of Garden Gulch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 2nd joint to 400' above Garden Gulch top. (15± total). Thread lock float shoe, top and bottom of float collar, and top of 2nd joint.

6. MUD PROGRAM:

Surface Hole Procedure (0 - 500' ± below GL):

Air/air mist or aerated water

Production Hole Procedure (500' ± - TD):

Anticipated mud weight 9.0 – 9.5 ppg depending on actual wellbore condition encountered while drilling.

500'± - TD A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Defloculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

7. VARIANCE REQUESTS:

Reference: Onshore Oil and Gas Order No. 2 – Item E: Special Drilling Operations

EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. Due to reduce location excavation, the blooie line will be approximately 75' in length

EIGHT POINT PLAN

BIG WASH 61-16GR
NE/NE, SEC. 16, T10S, R16E, S.L.B.&M.
UINTAH COUNTY, UTAH

8. **EVALUATION PROGRAM:**

Logs: Mud log from base of surface casing to TD.
Open Hole Logs: Open Hole Logs will be run consisting of the following:
Schlumberger Platform Express: Open Hole Gamma Ray, Resistivity, and Neutron Porosity

9. **CEMENT PROGRAM:**

Surface Hole Procedure (0-500' ± Below GL)

Lead: 185 sks Class 'G' cement with 2% S1 (CaCl₂) & 0.25 pps D29 (cellophane flakes), mixed at 15.8 ppg, 1.16 ft³/sk., 4.95 gps water.

Top Out: 207 sks Top out with Class 'G' cement with 2% S1 (CaCl₂) in mix water, 15.8 ppg, 1.16 ft³/sk., 4.95 gps via 1" tubing set at 25' if needed.

Install 6' x 4' cellar ring, drill rat and mouse holes with spud rig.

Note: **Cement volumes will be calculated to bring cement to surface.**

Production Hole Procedure (500' ± to TD)

Lead: 195 sks: 35:65 Poz "G" w/4% D20 (Bentonite), 2% D174 (Extender), 0.2% D65 (Dispersant), 0.2% D46 (Antifoam), 0.75% D112 (Fluid Loss Additive), 0.200% D13 (Retarder), 0.25 pps D29 (cello flakes) mixed at 13.0 ppg, 1.75 ft³/sk., 9.19 gps water.

Tail: 540 sks: 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1 ppg, 1.28 ft³/sk., 5.9gps water.

Note: The above number of sacks is based on gauge-hole calculation.
Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe.
Tail volume to be calculated to bring cement to 400'± above top of Garden Gulch MBR.
Final Cement volumes will be based upon gauge-hole plus 45% excess.

EIGHT POINT PLAN

BIG WASH 61-16GR
NE/NE, SEC. 16, T10S, R16E, S.L.B.&M.
UINTAH COUNTY, UTAH

10. ABNORMAL CONDITIONS:

Surface Hole (Surface - 500'±):

Lost circulation

Production Hole (500'± - TD):

Sloughing shales, lost circulation and key seat development are possible in the Garden Gulch Formation.

11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

12. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)



***BIG WASH 61-16GR
NE/NE, Section 16, T10S, R16E
Duchesne County, Utah***

SURFACE USE PLAN

NOTIFICATION REQUIREMENTS

- Location Construction: Forty-eight (48) hours prior to construction of location and access roads.
- Location Completion: Prior to moving on the drilling rig.
- Spud Notice: At least twenty-four (24) hours prior to spudding the well.
- Casing String and Cementing: Twenty-four (24) hours prior to running casing and cementing all casing strings.
- BOP and related Equipment Tests: Twenty-four (24) hours prior to running casing and tests.
- First Production Notice: Within five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

The well pad is approximately 275 feet long with a 184-foot width, containing 1.16 acres more or less. The proposed access road is approximately 24-feet in length with a 30-foot right-of-way, disturbing approximately 0.02 acre more or less. New surface disturbance associated with the well pad and access road is estimated to be approximately 1.18 acres. The proposed pipeline is approximately 6,800-feet in length with a 40-foot right-of-way. Approximately 3460 feet is located within Federal Lease UTU-64911 and 3440 feet is located within State of Utah Lease ML 47000, disturbing approximately 6.24 acres more or less.

1. EXISTING ROADS:

- A. See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 22.8 miles southeast of Myton, Utah – See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary.

2. PLANNED ACCESS ROAD:

- A. The access road will be approximately 24' in length.
- B. The access road has a 30 foot ROW w/18 foot running surface.
- C. Maximum grade of the new access road will be 8 percent.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards, or fences will be required or encountered.
- I. No permanent road right-of-way on Federal acreage is required.

All travel will be confined to existing access road right-of-way.

New or reconstructed roads will be centerlined – flagged at time of location staking.

The road shall be constructed/upgraded to meet the standards to the anticipated traffic flow and all-weather road requirements. Construction/upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well constructed

safe road. Prior to upgrading the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation or debris in the drainage crossings nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by run off water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

The access road and associated drainage structures will be constructed and maintained in accordance with road guidelines contained in the joint BLM/USFS publication: Surface Operating Standards for Oil and Gas Exploration and Development, Third Edition, and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction. During the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and drainage ditches and culverts will be kept clear and free flowing.

3. LOCATION OF EXISTING WELLS WITHIN A ONE-MILE RADIUS:

See attached TOPO map "C" for the location of wells within a one-mile radius.

4. LOCATION OF EXISTING AND/OR PROPOSED PRODUCTION FACILITIES:

A. On Well Pad

1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of wellhead valves, combo separator-dehy unit with meter, two (2) 400 BBL vertical tanks and attaching piping.
2. Gas gathering lines – A 4" gathering line will be buried from dehy to the edge of the location.

B. Off Well Pad

1. Proposed location of attendant off pad flowlines shall be flagged prior to archaeological clearance.
2. The length of the new proposed pipeline is 6800' x 40'. The proposed pipeline leaves the western edge of the well pad (Lease ML-47000) proceeding in a easterly direction for an approximate distance of 3460 to Section 15, T10S, R16E Federal Lease UTU 64911 proceeding for an additional 3460' tying into proposed pipeline for Wells Draw 62-15 GR pipeline located in the SWNE of Section 15, T10S, R16E. Pipe will be 4" NOM, 0.156 wall, Grade X42, Zap-Lok, electric weld with a 35 mil X-Tru coating.
3. Proposed pipeline will be a 4" OD steel, Zap-Lok line laid on the surface

4. Protective measures and devices for livestock and wildlife will be taken and /or installed where required.

If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall be surrounded by a containment dike of sufficient capacity to contain, at a minimum, the entire contents of the largest tank within the facility/battery, unless more stringent protective requirements are deemed necessary by the authorized officer.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. **All existing facilities will be painted with Olive Black.** Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

5. LOCATION AND TYPE OF WATER SUPPLY:

- A. Water supply will be from Ouray Municipal Water Plant at Ouray, Utah, and/ or Target Trucking Inc.'s water source in the SW/SW. Sec 35, T9S, R22E Uintah County, Utah (State Water Right # 49-1501, and/or Bonanza Power Plant water source in Sec 26, T8S, R23E Uintah County, UT (State Water Right # 49-225(A31368)). Water will be hauled by a licensed trucking company.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

6. SOURCE OF CONSTRUCTION MATERIALS:

- A. All construction material for this location and access road will be of native borrow and soil accumulated during the construction of the location.
- B. No mineral materials will be required.

7. METHODS OF HANDLING WASTE DISPOSAL:

A. METHODS AND LOCATION

1. Cuttings will be confined in the reserve pit.
2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County Landfill.
4. Produced wastewater will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the

produced water will be contained in a tank on location and then disposed of at one of the following three locations: Ace Disposal, or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).

5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.
- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in the reserve pit or by removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

The reserve pit will be constructed so as not to leak, break, or allow discharge. If the reserve pit requires padding prior to lining (due to rocky conditions) felt padding will be used.

The reserve pit shall be lined with felt and a 16 millimeter plastic liner.

EOG Resources, Inc. maintains a file, per 29 CFR 1910.1200 (g) containing current Material Safety Data Sheets (MSDS) for all chemicals, compounds, and/or substances which are used during the course of construction, drilling, completion, and production operations for this project. Hazardous materials (substances) which may be found at the site may include drilling mud and cementing products which are primarily inhalation hazards, fuels (flammable and/or combustible), materials that may be necessary for well completion/ stimulation activities such as flammable or combustible substances and acids/gels (corrosives). The opportunity for Superfund Amendments and Reauthorization Act (SARA) listed Extremely Hazardous Substances (EHS) at the site is generally limited to proprietary treating chemicals. All hazardous and EHS and commercial preparations will be handled in an appropriate manner to minimize the potential for leaks or spills to the environment.

8. ANCILLARY FACILITIES:

None anticipated.

9. WELL SITE LAYOUT:

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.

The reserve pit will be located on the east corner of the location. The flare pit will be located downwind of the prevailing wind direction on the west side of the location, a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.

The stockpiled topsoil will be stored between Corners #1 and #2. Upon completion of construction, the stockpiled topsoil from the location will be broadcast seeded with the approved seed mixture from this location and then walked down with a Caterpillar tractor.

Access to the well pad will be from the east.

FENCING REQUIREMENTS:

All pits will be fenced according to the following minimum standards:

- A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.)
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distances between any two posts shall be no greater than 16 feet.
- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until clean-up.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and, upon completion of construction, the fence shall be repaired to BLM or SMA specifications. A cattleguard with an adjacent 16 foot gate shall be installed in any fence where a road is regularly traveled. If the well is a producer, the cattleguards (shall/shall not) be permanently counted on concrete bases. Prior to crossing any fence located on Federal land, or any fence between Federal land and private land, the operator will contact the BLM, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

10. PLANS FOR RECLAMATION OF THE SURFACE:

A. Producing Location

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The stockpiled pit topsoil will then be spread over the pit area and broadcast seeded with the prescribed seed mixture for this location. The seeded area will then be walked down with a cat.

B. Dry Hole/Abandoned Location

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BLM will attach the appropriated surface rehabilitation conditions of approval.

11. SURFACE OWNERSHIP:

Surface ownership of the proposed well site, access road, and pipeline route is as follows:

State of Utah

12. OTHER INFORMATION:

- A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the Authorized Officer. Within five working days the Authorized Officer will inform the operator as to:
- Whether the materials appear eligible for the National Register of Historic Places;
 - The mitigation measures the operator will likely have to undertake before the site can be used.
 - A time frame for the Authorized Officer to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the Authorized Officer are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the Authorized Officer will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The Authorized Officer will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Authorized Officer that required mitigation has been completed, the operator will then be allowed to resume construction.

- B. As operator, EOG Resources, Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will be obtained from the BLM administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.
- C. The drilling rig and ancillary equipment will be removed from the location prior to commencement of completion operations. Completion operations will be conducted utilizing a completion/workover rig.
- D. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on BLM lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice of Lessees. The operator is fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Construction activity will not be conducted using frozen or saturated soils material or during periods when watershed damage is likely to occur.

If the existing access road, proposed access road, and proposed pad are dry during construction, drilling, and completion activities, water will be applied to help facilitate compaction during construction and to minimize soil loss as a result of wind erosion.

LESSEE OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:

PERMITTING AGENT

Kaylene R. Gardner
EOG Resources, Inc.
P.O. Box 1815
Vernal, Ut 84078
(435) 781-9111

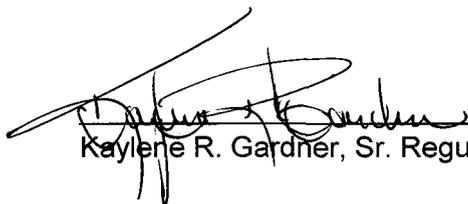
DRILLING OPERATIONS

Donald Presenkowski
EOG Resources, Inc.
P.O. Box 250
Big Piney, WY 83113
307-276-4865

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Please be advised that EOG Resources, Inc. is considered to be the operator of the Big Wash 61-16GR Well, located in the NENE, of Section 16, T10S, R16E, Duchesne County, Utah; Federal land and minerals; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is under Bond # NM 2308.

January 4, 2007
Date



Kaylene R. Gardner, Sr. Regulatory Assistant

EIGHT POINT PLAN

BIG WASH 61-16GR
NE/NE, SEC. 16, T10S, R16E, S.L.B.&M.
UINTAH COUNTY, UTAH

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	TVD-RKB (ft)	Objective	Lithology	
Uinta FM	18			
Green River FM	1,148			
Mahogany Oil Shale Bed	2,318			Oil
Garden Gulch MBR	3,093	Secondary		Oil / Gas
Middle Carb Bed	3,28			
Douglas Creek MBR	4,018	Secondary		Oil / Gas
Castle Peak MBR	4,893	Primary		Oil / Gas
Uteland Butte MBR	5,343	Secondary		Oil / Gas
Wasatch	5,543			
TD	5,650			

EST. TD: 5,650' or 200' ± below Wasatch Top

Anticipated BHP: 2,790 Psig

1. Fresh Waters may exist in the upper, approximately 1,000 ft ± of the Green River Formation, with top at about 2,000 ft ±.
2. Cement isolation is installed to surface of the well isolating all zones by cement.

3. PRESSURE CONTROL EQUIPMENT: Production Hole - 5,000 Psig
BOP Schematic Diagram attached.

4. CASING PROGRAM:

HOLE SIZE	INTERVAL	LENGTH	SIZE	WEIGHT	GRADE	THREAD	RATING FACTOR		
							COLLAPSE	BURST	TENSILE
Surface:	12 ¼"	0' - 500' KB±	9-5/8"	36.0#	J-55	STC	2020 PSI	3520 Psi	394,000#
Production:	7-7/8"	500'± - TD	4-½"	11.6#	J-55	LTC	4960 PSI	5350 Psi	284,000#

All casing will be new or inspected.

5. Float Equipment:

Surface Hole Procedure (0 - 500' ± Below GL):

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1 - 5-10' above shoe, every collar for next 3 joints (4 total).

EIGHT POINT PLAN

BIG WASH 61-16GR
NE/NE, SEC. 16, T10S, R16E, S.L.B.&M.
UINTAH COUNTY, UTAH

Production Hole Procedure (500' ± - TD):

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-½", 11.6#, J-55 or equivalent marker collars or short casing joints to be placed 400' above top of Garden Gulch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 2nd joint to 400' above Garden Gulch top. (15± total). Thread lock float shoe, top and bottom of float collar, and top of 2nd joint.

6. MUD PROGRAM:

Surface Hole Procedure (0 - 500' ± below GL):

Air/air mist or aerated water

Production Hole Procedure (500' ± - TD):

Anticipated mud weight 9.0 – 9.5 ppg depending on actual wellbore condition encountered while drilling.

500'± - TD A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

7. VARIANCE REQUESTS:

Reference: Onshore Oil and Gas Order No. 2 – Item E: Special Drilling Operations

EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. Due to reduce location excavation, the blooie line will be approximately 75' in length

8. EVALUATION PROGRAM:

Logs: Mud log from base of surface casing to TD.
Open Hole Logs: Open Hole Logs will be run consisting of the following:
Schlumberger Platform Express: Open Hole Gamma Ray, Resistivity, and Neutron Porosity

EIGHT POINT PLAN

BIG WASH 61-16GR
NE/NE, SEC. 16, T10S, R16E, S.L.B.&M.
UINTAH COUNTY, UTAH

9. **CEMENT PROGRAM:**

Surface Hole Procedure (0-500' ± Below GL)

Lead: Class 'G' cement with 2% S1 (CaCl₂) & 0.25 pps D29 (cellophane flakes), mixed at 15.8 ppg, 1.16 ft³/sk., 4.95 gps water.

Top Out: Top out with Class 'G' cement with 2% S1 (CaCl₂) in mix water, 15.8 ppg, 1.16 ft³/sk., 4.95 gps via 1" tubing set at 25' if needed.

Install 6' x 4' cellar ring, drill rat and mouse holes with spud rig.

Note: **Cement volumes will be calculated to bring cement to surface.**

Production Hole Procedure (500' ± to TD)

Lead: **195 sks:** 35:65 Poz "G" w/4% D20 (Bentonite), 2% D174 (Extender), 0.2% D65 (Dispersant), 0.2% D46 (Antifoam), 0.75% D112 (Fluid Loss Additive), 0.200% D13 (Retarder), 0.25 pps D29 (cello flakes) mixed at 13.0 ppg, 1.75 ft³/sk., 9.19 gps water.

Tail: **540 sks:** 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1 ppg, 1.28 ft³/sk., 5.9 gps water.

Note: The above number of sacks is based on gauge-hole calculation.
Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe.
Tail volume to be calculated to bring cement to 400'± above top of Garden Gulch MBR.
Final Cement volumes will be based upon gauge-hole plus 45% excess.

10. **ABNORMAL CONDITIONS:**

Surface Hole (Surface - 500'±):

Lost circulation

Production Hole (500'± - TD):

Sloughing shales, lost circulation and key seat development are possible in the Garden Gulch Formation.

EIGHT POINT PLAN

BIG WASH 61-16GR
NE/NE, SEC. 16, T10S, R16E, S.L.B.&M.
UINTAH COUNTY, UTAH

11. STANDARD REQUIRED EQUIPMENT:

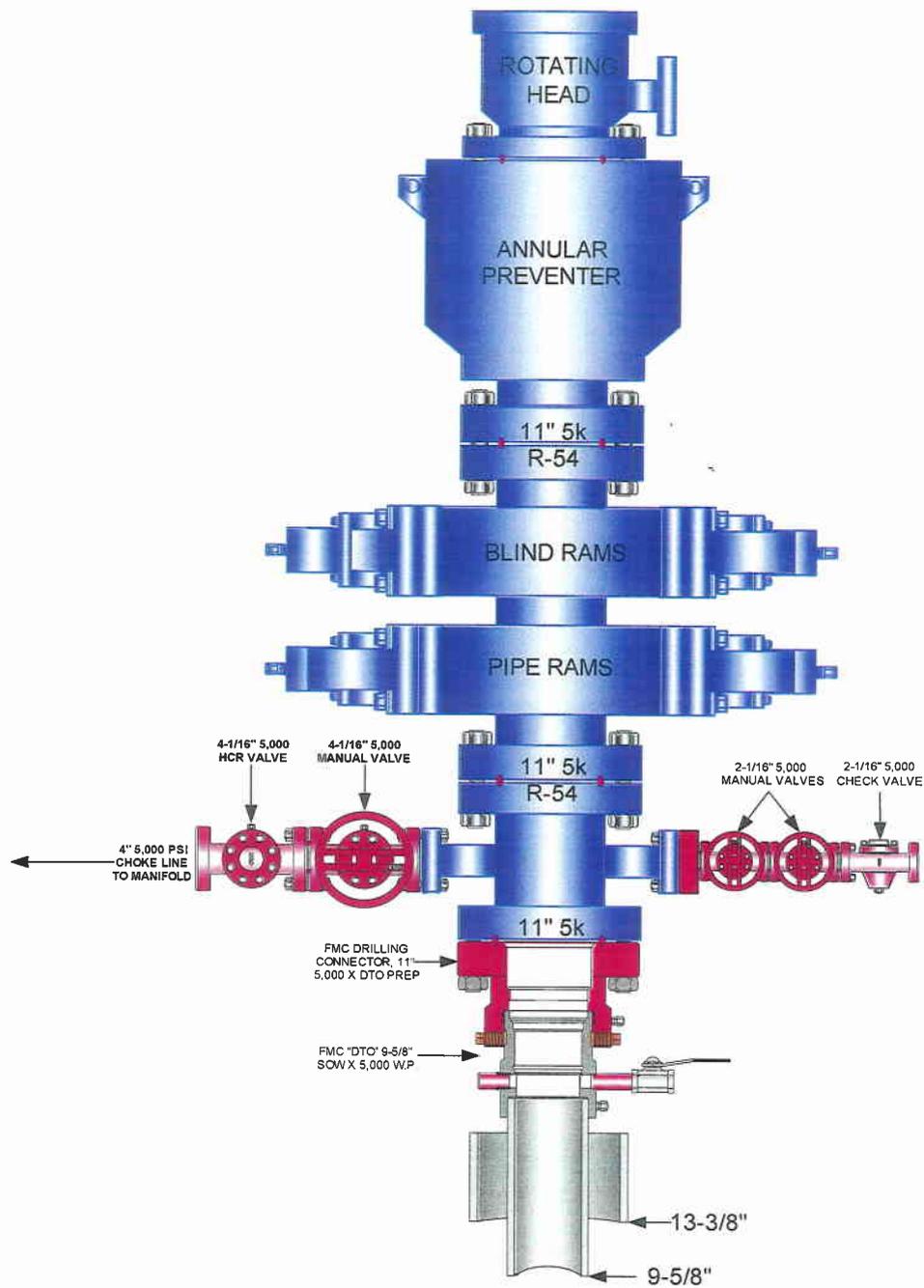
- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

12. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

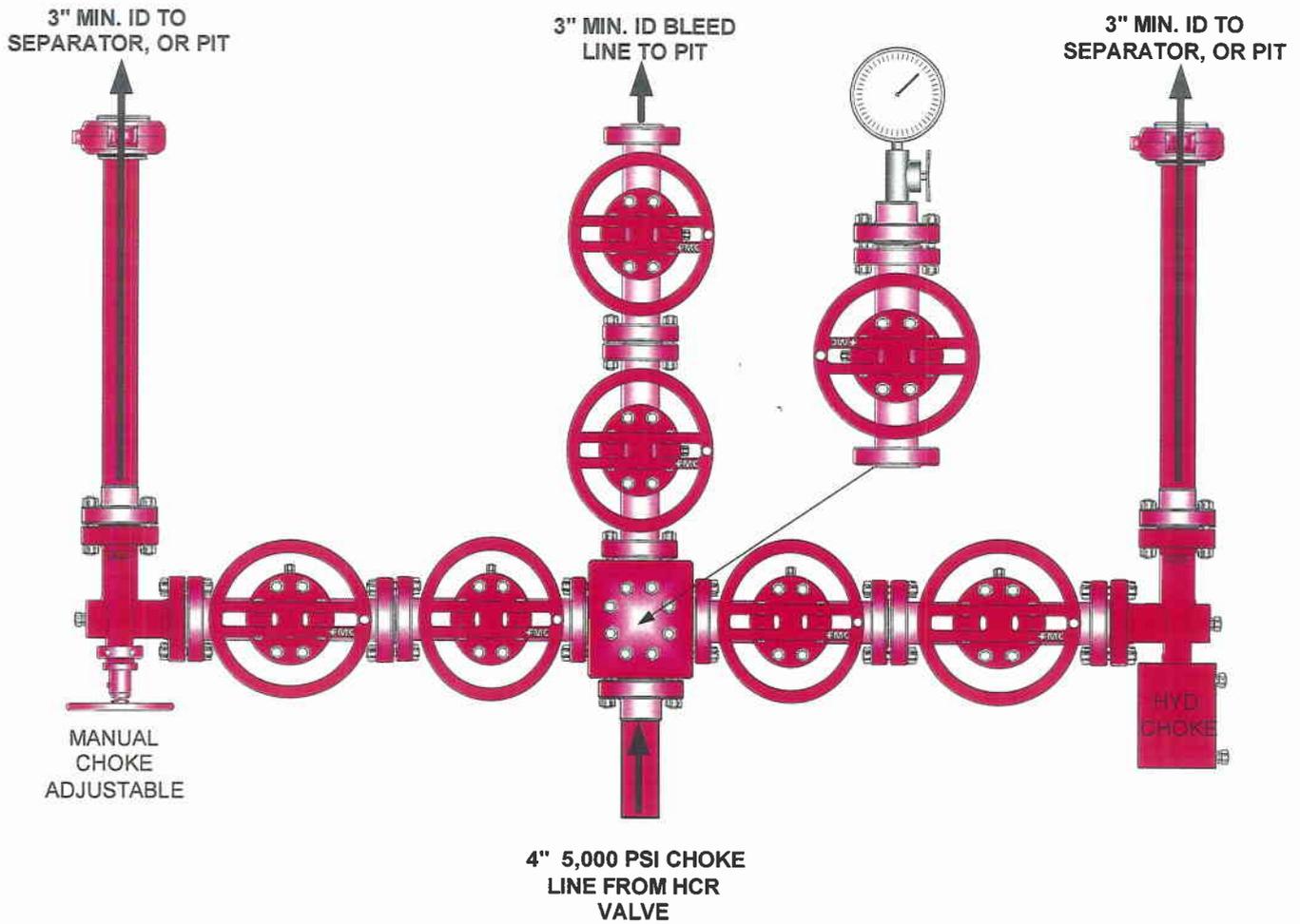
(Attachment: BOP Schematic Diagram)

EOG RESOURCES 11" 5,000 PSI W.P. BOP CONFIGURATION



**EOG RESOURCES CHOKE MANIFOLD CONFIGURATION
W/ 5,000 PSI WP VALVES**

PAGE 2 OF 2



Testing Procedure:

1. BOP will be tested with a professional tester to conform to Onshore Order #2.
2. Blind and Pipe rams will be tested to rated working pressure, 5,000 psi.
3. Annular Preventer will be tested to 50% working pressure, 2,500 psi.
Casing will be tested to 0.22 psi / ft. or 1,500 psi. Not to exceed 70% of burst strength, whichever is greater.
4. All lines subject to well pressure will be tested to the same pressure as blind and pipe rams.
5. All BOPE specifications and configurations will meet Onshore Order #2 requirements.



**BIG WASH 61-16GR
NE/NE, Section 16, T10S, R16E
Uintah County, Utah**

SURFACE USE PLAN

NOTIFICATION REQUIREMENTS

- Location Construction: Forty-eight (48) hours prior to construction of location and access roads.
- Location Completion: Prior to moving on the drilling rig.
- Spud Notice: At least twenty-four (24) hours prior to spudding the well.
- Casing String and Cementing: Twenty-four (24) hours prior to running casing and cementing all casing strings.
- BOP and related Equipment Tests: Twenty-four (24) hours prior to running casing and tests.
- First Production Notice: Within five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

The well pad is approximately 275 feet long with a 184-foot width, containing 1.16 acres more or less. The proposed access road is approximately 24-feet in length with a 30-foot right-of-way, disturbing approximately 0.02 acre more or less. New surface disturbance associated with the well pad and access road is estimated to be approximately 1.18 acres. The proposed pipeline is approximately 6,800-feet in length with a 40-foot right-of-way. Approximately 3460 feet is located within Federal Lease UTU-64911 and 3440 feet is located within State of Utah Lease ML 47000, disturbing approximately 6.24 acres more or less.

1. EXISTING ROADS:

- A. See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 22.8 miles southeast of Myton, Utah – See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary.

2. PLANNED ACCESS ROAD:

- A. The access road will be approximately 24' in length.
- B. The access road has a 30 foot ROW w/18 foot running surface.
- C. Maximum grade of the new access road will be 8 percent.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards, or fences will be required or encountered.
- I. No permanent road right-of-way on Federal acreage is required.

All travel will be confined to existing access road right-of-way.

New or reconstructed roads will be centerlined – flagged at time of location staking.

The road shall be constructed/upgraded to meet the standards to the anticipated traffic flow and all-weather road requirements. Construction/upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well constructed

safe road. Prior to upgrading the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation or debris in the drainage crossings nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by run off water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

The access road and associated drainage structures will be constructed and maintained in accordance with road guidelines contained in the joint BLM/USFS publication: Surface Operating Standards for Oil and Gas Exploration and Development, Third Edition, and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction. During the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and drainage ditches and culverts will be kept clear and free flowing.

3. LOCATION OF EXISTING WELLS WITHIN A ONE-MILE RADIUS:

See attached TOPO map "C" for the location of wells within a one-mile radius.

4. LOCATION OF EXISTING AND/OR PROPOSED PRODUCTION FACILITIES:

A. On Well Pad

1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of wellhead valves, combo separator-dehy unit with meter, two (2) 400 BBL vertical tanks and attaching piping.
2. Gas gathering lines – A 4" gathering line will be buried from dehy to the edge of the location.

B. Off Well Pad

1. Proposed location of attendant off pad flowlines shall be flagged prior to archaeological clearance.
2. The length of the new proposed pipeline is 6800' x 40'. The proposed pipeline leaves the western edge of the well pad (Lease ML-47000) proceeding in a easterly direction for an approximate distance of 3460 to Section 15, T10S, R16E Federal Lease UTU 64911 proceeding for an additional 3460' tying into proposed pipeline for Wells Draw 62-15 GR pipeline located in the SWNE of Section 15, T10S, R16E. Pipe will be 4" NOM, 0.156 wall, Grade X42, Zap-Lok, electric weld with a 35 mil X-Tru coating.
3. Proposed pipeline will be a 4" OD steel, Zap-Lok line laid on the surface

4. Protective measures and devices for livestock and wildlife will be taken and /or installed where required.

If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall be surrounded by a containment dike of sufficient capacity to contain, at a minimum, the entire contents of the largest tank within the facility/battery, unless more stringent protective requirements are deemed necessary by the authorized officer.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. **All existing facilities will be painted with Olive Black.** Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

5. LOCATION AND TYPE OF WATER SUPPLY:

- A. Water supply will be from Ouray Municipal Water Plant at Ouray, Utah, and/ or Target Trucking Inc.'s water source in the SW/SW. Sec 35, T9S, R22E Uintah County, Utah (State Water Right # 49-1501, and/or Bonanza Power Plant water source in Sec 26, T8S, R23E Uintah County, UT (State Water Right # 49-225(A31368)). Water will be hauled by a licensed trucking company.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

6. SOURCE OF CONSTRUCTION MATERIALS:

- A. All construction material for this location and access road will be of native borrow and soil accumulated during the construction of the location.
- B. No mineral materials will be required.

7. METHODS OF HANDLING WASTE DISPOSAL:

A. METHODS AND LOCATION

1. Cuttings will be confined in the reserve pit.
2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County Landfill.
4. Produced wastewater will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the

produced water will be contained in a tank on location and then disposed of at one of the following three locations: Ace Disposal, or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).

5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.
- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in the reserve pit or by removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

The reserve pit will be constructed so as not to leak, break, or allow discharge. If the reserve pit requires padding prior to lining (due to rocky conditions) felt padding will be used.

The reserve pit shall be lined with felt and a 16 millimeter plastic liner.

EOG Resources, Inc. maintains a file, per 29 CFR 1910.1200 (g) containing current Material Safety Data Sheets (MSDS) for all chemicals, compounds, and/or substances which are used during the course of construction, drilling, completion, and production operations for this project. Hazardous materials (substances) which may be found at the site may include drilling mud and cementing products which are primarily inhalation hazards, fuels (flammable and/or combustible), materials that may be necessary for well completion/ stimulation activities such as flammable or combustible substances and acids/gels (corrosives). The opportunity for Superfund Amendments and Reauthorization Act (SARA) listed Extremely Hazardous Substances (EHS) at the site is generally limited to proprietary treating chemicals. All hazardous and EHS and commercial preparations will be handled in an appropriate manner to minimize the potential for leaks or spills to the environment.

8. ANCILLARY FACILITIES:

None anticipated.

9. WELL SITE LAYOUT:

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.

The reserve pit will be located on the east corner of the location. The flare pit will be located downwind of the prevailing wind direction on the west side of the location, a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.

The stockpiled topsoil will be stored between Corners #1 and #2. Upon completion of construction, the stockpiled topsoil from the location will be broadcast seeded with the approved seed mixture from this location and then walked down with a Caterpillar tractor.

Access to the well pad will be from the east.

FENCING REQUIREMENTS:

All pits will be fenced according to the following minimum standards:

- A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.)
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distances between any two posts shall be no greater than 16 feet.
- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until clean-up.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and, upon completion of construction, the fence shall be repaired to BLM or SMA specifications. A cattleguard with an adjacent 16 foot gate shall be installed in any fence where a road is regularly traveled. If the well is a producer, the cattleguards (shall/shall not) be permanently counted on concrete bases. Prior to crossing any fence located on Federal land, or any fence between Federal land and private land, the operator will contact the BLM, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

10. PLANS FOR RECLAMATION OF THE SURFACE:

A. Producing Location

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The stockpiled pit topsoil will then be spread over the pit area and broadcast seeded with the prescribed seed mixture for this location. The seeded area will then be walked down with a cat.

B. Dry Hole/Abandoned Location

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BLM will attach the appropriated surface rehabilitation conditions of approval.

11. SURFACE OWNERSHIP:

Surface ownership of the proposed well site, access road, and pipeline route is as follows:

State of Utah

12. OTHER INFORMATION:

- A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the Authorized Officer. Within five working days the Authorized Officer will inform the operator as to:
- Whether the materials appear eligible for the National Register of Historic Places;
 - The mitigation measures the operator will likely have to undertake before the site can be used.
 - A time frame for the Authorized Officer to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the Authorized Officer are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the Authorized Officer will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The Authorized Officer will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Authorized Officer that required mitigation has been completed, the operator will then be allowed to resume construction.

- B. As operator, EOG Resources, Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will be obtained from the BLM administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.
- C. The drilling rig and ancillary equipment will be removed from the location prior to commencement of completion operations. Completion operations will be conducted utilizing a completion/workover rig.
- D. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on BLM lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice of Lessees. The operator is fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Construction activity will not be conducted using frozen or saturated soils material or during periods when watershed damage is likely to occur.

If the existing access road, proposed access road, and proposed pad are dry during construction, drilling, and completion activities, water will be applied to help facilitate compaction during construction and to minimize soil loss as a result of wind erosion.

LESSEE OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:

PERMITTING AGENT

Kaylene R. Gardner
EOG Resources, Inc.
P.O. Box 1815
Vernal, Ut 84078
(435) 781-9111

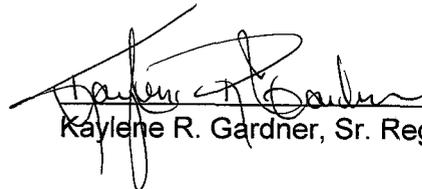
DRILLING OPERATIONS

Donald Presenkowski
EOG Resources, Inc.
P.O. Box 250
Big Piney, WY 83113
307-276-4865

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Please be advised that EOG Resources, Inc. is considered to be the operator of the Big Wash 61-16GR Well, located in the NENE, of Section 16, T10S, R16E, Uintah County, Utah; Federal land and minerals; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is under Bond # NM 2308.

January 4, 2007
Date



Kaylene R. Gardner, Sr. Regulatory Assistant

EOG RESOURCES, INC.
BIG WASH #61-16GR
SECTION 16, T10S, R16E, S.L.B.&M.

PROCEED IN A SOUTHWESTERLY DIRECTION FROM MYTON, UTAH ALONG HIGHWAY 40 APPROXIMATELY 1.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 1.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 13.7 MILES ALONG THE WELLS DRAW ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY, THEN EASTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 5.3 MILES TO THE JUNCTION OF THIS ROAD AND THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTHWEST; FOLLOW ROAD FLAGS IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 24' TO THE PROPOSED LOCATION.

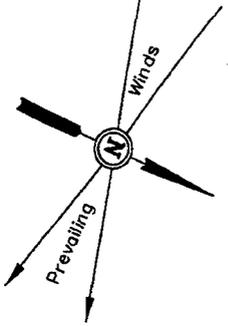
TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 22.8 MILES.

EOG RESOURCES, INC.

LOCATION LAYOUT FOR

BIG WASH #61-16GR
SECTION 16, T10S, R16E, S.L.B.&M.
854' FNL 618' FEL

FIGURE #1



SCALE: 1" = 50'
 DATE: 10-6-06
 Drawn By: K.G.

Approx.
 Top of
 Cut Slope

Sta. 2+75

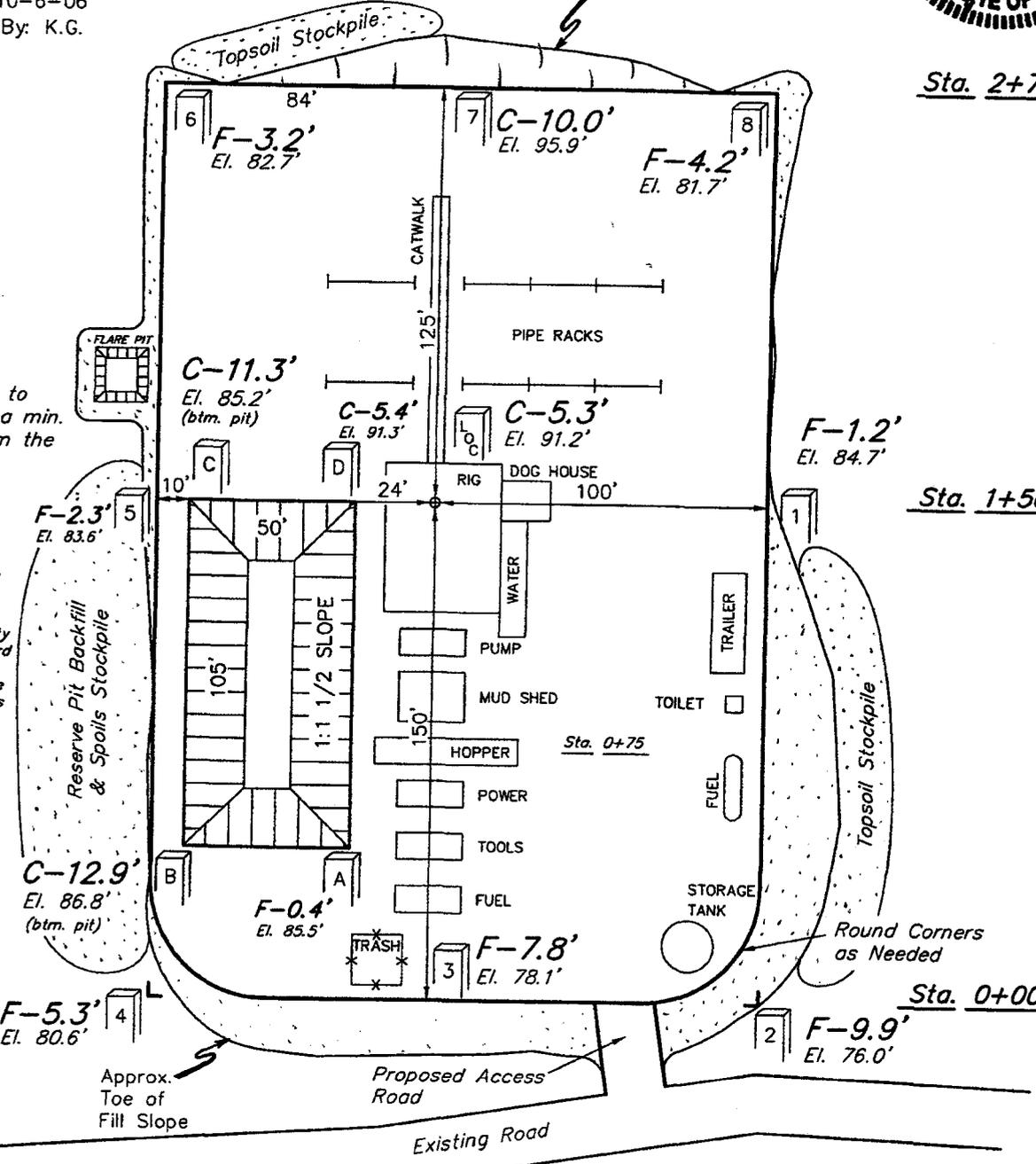
Sta. 1+50

Sta. 0+75

Sta. 0+00

NOTE:
 Flare Pit is to be located a min. of 100' from the Well Head.

RESERVE PITS (12' Deep)
 Total Pit Capacity w/2' of Freeboard = 4,470 Bbls.±
 Total Pit Volume = 1,290 Cu. Yds



Elev. Ungraded Ground at Location Stake = 6491.2'
 Elev. Graded Ground at Location Stake = 6485.9'

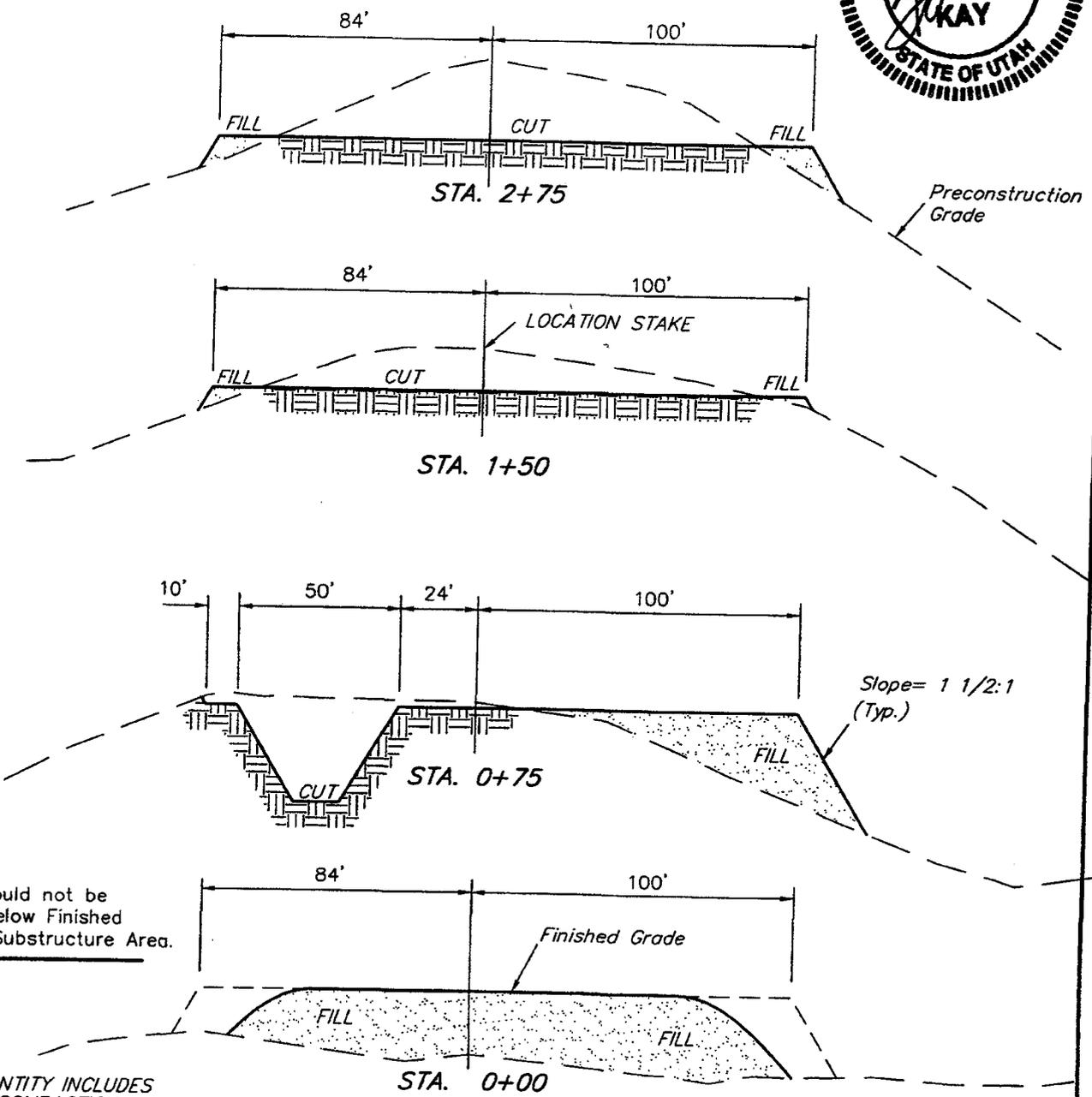
UINTAH ENGINEERING & LAND SURVEYING
 85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

EOG RESOURCES, INC.
TYPICAL CROSS SECTIONS FOR
BIG WASH #61-16GR
SECTION 16, T10S, R16E, S.L.B.&M.
854' FNL 618' FEL

FIGURE #2

1" = 20'
 X-Section
 Scale
 1" = 50'

DATE: 10-6-06
 Drawn By: K.G.



NOTE:
 Topsoil should not be Stripped Below Finished Grade on Substructure Area.

* **NOTE:**
 FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping	=	1,140 Cu. Yds.
Remaining Location	=	5,230 Cu. Yds.
TOTAL CUT	=	6,370 CU.YDS.
FILL	=	4,580 CU.YDS.

EXCESS MATERIAL	=	1,790 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	1,790 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	=	0 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
 85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

EOG RESOURCES, INC.

BIG WASH #61-16GR

LOCATED IN DUCHESNE COUNTY, UTAH
SECTION 16, T10S, R16E, S.L.B.&M.



PHOTO: VIEW FROM PIT CORNER "D" TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY

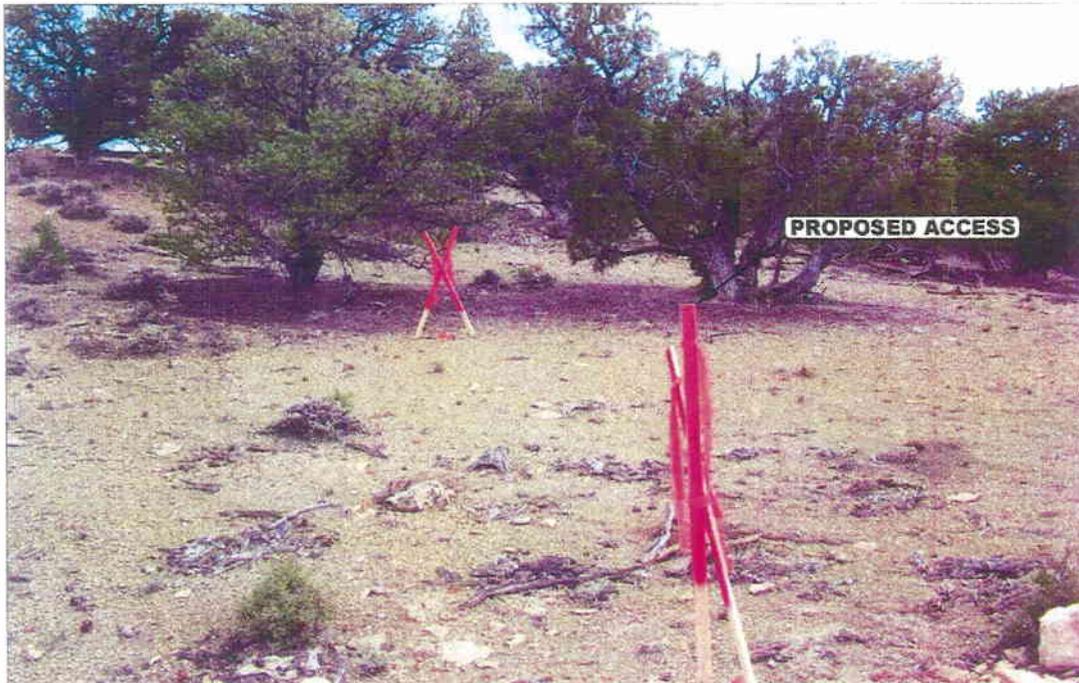


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHEASTERLY



U
E
L
S
- Since 1964 -
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

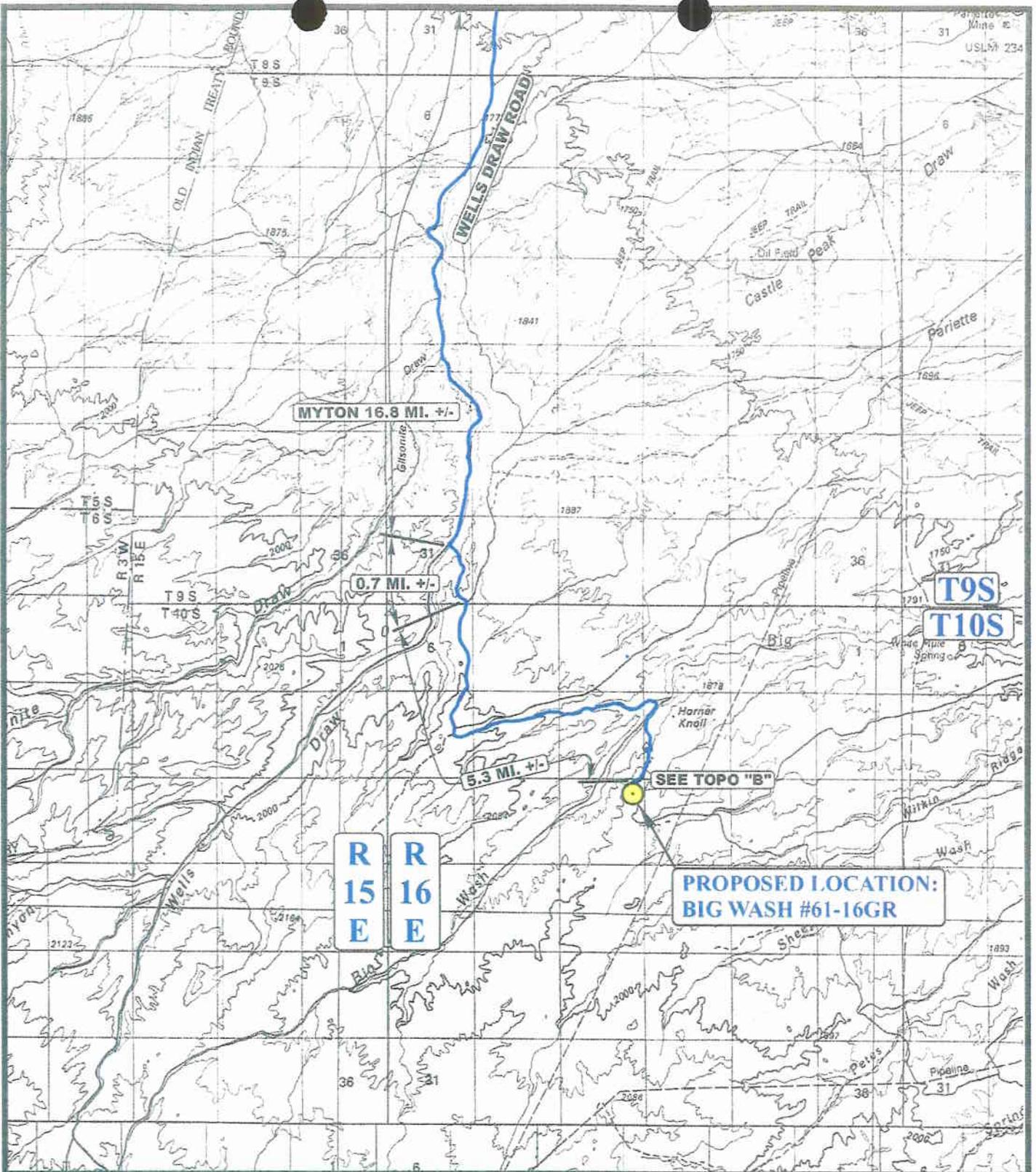
10 06 06
MONTH DAY YEAR

PHOTO

TAKEN BY: T.A.

DRAWN BY: A.A.

REVISED: 00-00-00



MYTON 16.8 MI. +/-

0.7 MI. +/-

5.3 MI. +/-

SEE TOPO "B"

R
15
E

R
16
E

PROPOSED LOCATION:
BIG WASH #61-16GR

T9S
T10S

LEGEND:

 PROPOSED LOCATION

N



EOG RESOURCES, INC.

BIG WASH #61-16GR
SECTION 16, T10S, R16E, S.L.B.&M.
854' FNL 618' FEL



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

TOPOGRAPHIC
MAP

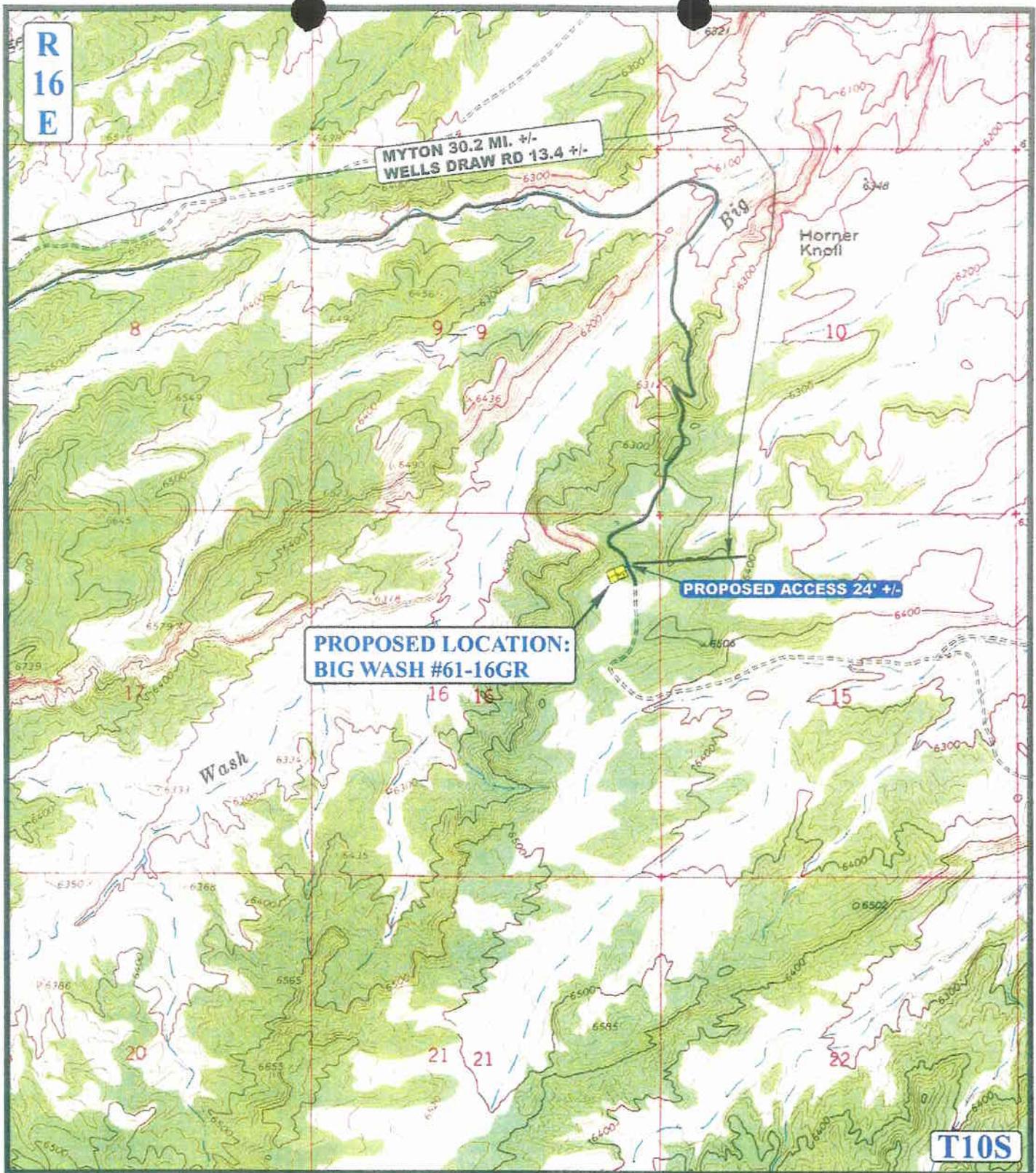
10 06 06
MONTH DAY YEAR

SCALE: 1:100,000

DRAWN BY: A.A.

REVISED: 00-00-00





R
16
E

MYTON 30.2 MI. +/-
WELLS DRAW RD 13.4 +/-

PROPOSED ACCESS 24' +/-

PROPOSED LOCATION:
BIG WASH #61-16GR

T10S

EOG RESOURCES, INC.

BIG WASH #61-16GR
SECTION 16, T10S, R16E, S.L.B.&M.
854' FNL 618' FEL

EXISTING ROAD
PROPOSED ACCESS ROAD

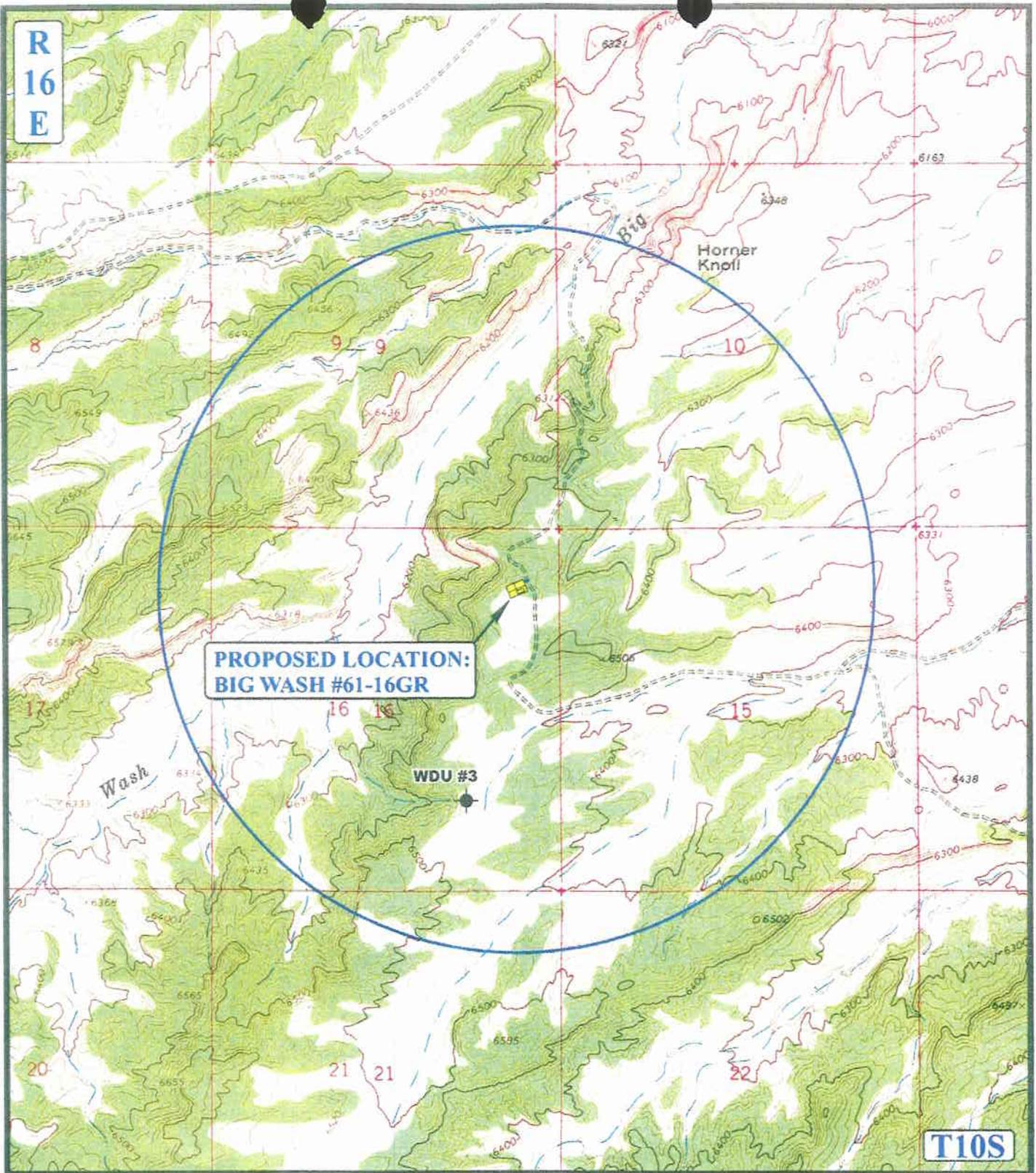


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(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP
10 06 06
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: A.A. REVISED: 00-00-00





LEGEND:

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



EOG RESOURCES, INC.

BIG WASH #61-16GR
SECTION 16, T10S, R16E, S.L.B.&M.
854' FNL 618' FEL



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

TOPOGRAPHIC MAP **10 06 06**
 MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: A.A. REVISED: 00-00-00



R
16
E

PROPOSED LOCATION:
BIG WASH #61-16GR

PROPOSED ACCESS ROAD

PROPOSED PIPELINE

PROPOSED PIPELINE
FOR THE #62-15

TIE-IN POINT

#62-15

15

T10S

APPROXIMATE TOTAL PIPELINE DISTANCE = 6,800' +/-

LEGEND:

-  PROPOSED ACCESS ROAD
-  EXISTING PIPELINE
-  PROPOSED PIPELINE

EOG RESOURCES, INC.

BIG WASH #61-16GR
SECTION 16, T10S, R16E, S1.L.B.&M.
854' FNL 618' FEL



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

TOPOGRAPHIC MAP 10 16 06
MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: A.A. REV: 12-21-06 L.K.

D
TOPO

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 01/08/2007

API NO. ASSIGNED: 43-013-33485

WELL NAME: BIG WASH 61-16GR

OPERATOR: EOG RESOURCES INC (N9550)

PHONE NUMBER: 435-789-0790

CONTACT: KAYLENE GARDNER

PROPOSED LOCATION:

NENE 16 100S 160E
 SURFACE: 0854 FNL 0618 FEL
 BOTTOM: 0854 FNL 0618 FEL
 COUNTY: DUCHESNE
 LATITUDE: 39.94881 LONGITUDE: -110.1163
 UTM SURF EASTINGS: 575490 NORTHINGS: 4422239
 FIELD NAME: WILDCAT (1)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DND	2/13/07
Geology		
Surface		

LEASE TYPE: 3 - State

PROPOSED FORMATION: WSTC

LEASE NUMBER: ML 47000

COALBED METHANE WELL? NO

SURFACE OWNER: 3 - State

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[] Ind[] Sta[] Fee[]
(No. 6196017)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 49-1501)
- RDCC Review (Y/N)
(Date: 01/25/2007)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

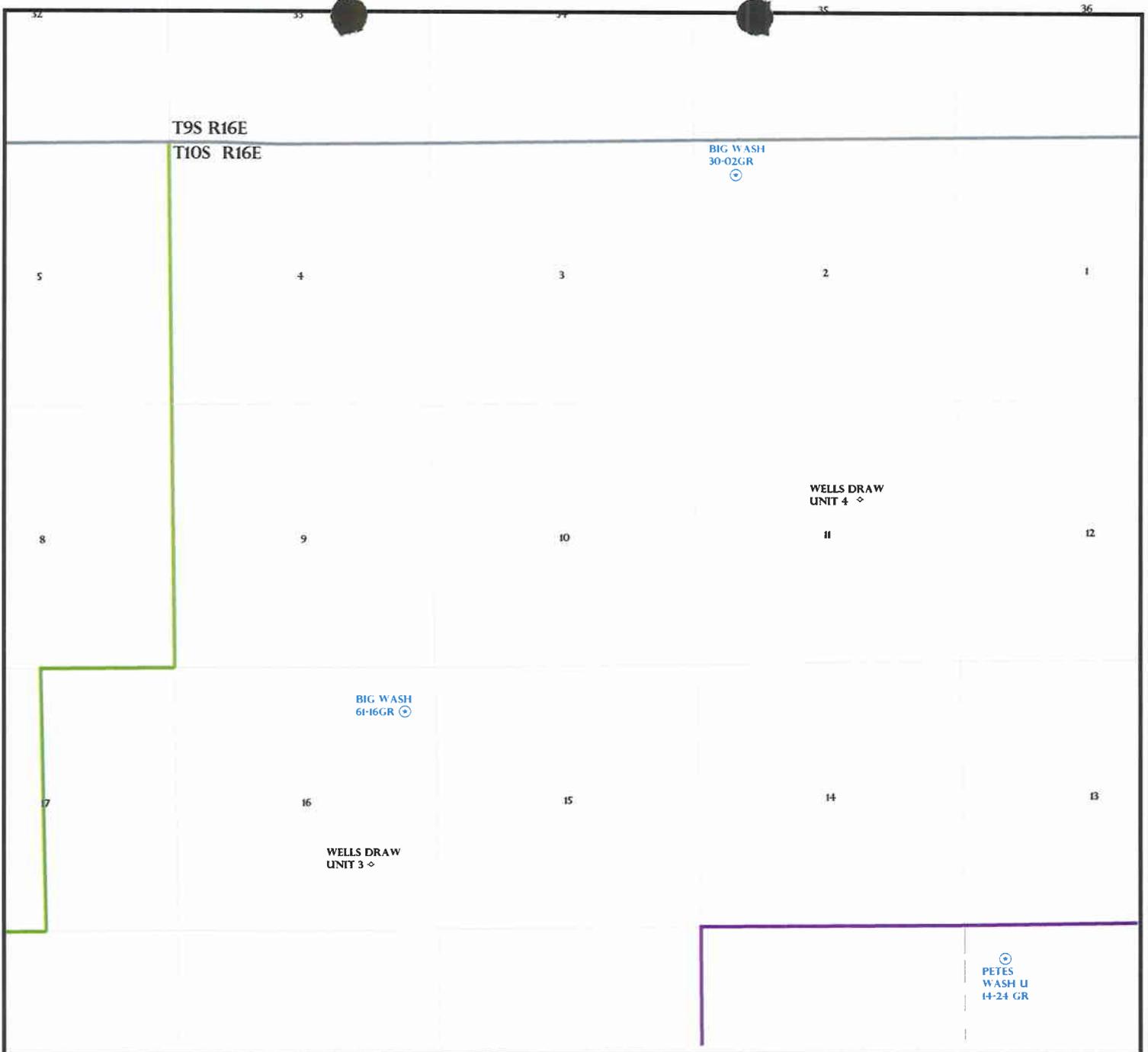
- R649-2-3.
- Unit: _____
- R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
- Board Cause No: _____
- Eff Date: _____
- Siting: _____
- R649-3-11. Directional Drill

COMMENTS:

Needs Permit (01-24-07)

STIPULATIONS:

- 1- Spacing Slip
- 2- STATEMENT OF BASIS
- 3- Cement step #3 (4 1/2" production, 300' MD)



OPERATOR: EOG RESOURCES INC (N9550)

SEC: 2,16 T.10S R. 16E

FIELD: WILDCAT (001)

COUNTY: DUCHESNE

SPACING: R649-3-2 / GENERAL SITING

Field Status

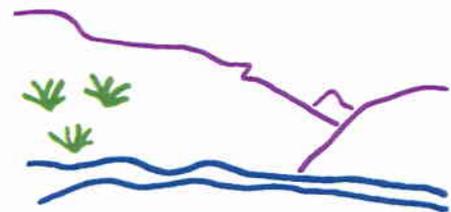
ABANDONED
ACTIVE
COMBINED
INACTIVE
PROPOSED
STORAGE
TERMINATED

Unit Status

EXPLORATORY
GAS STORAGE
NF PP OIL
NF SECONDARY
PENDING
PI OIL
PP GAS
PP GEOTHERML
PP OIL
SECONDARY
TERMINATED

Wells Status

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA MASON
DATE: 10-JANUARY-2007

STATE ACTIONS
Resource Development Coordinating Committee
Public Lands Policy Coordination Office
5110 State Office Building
SLC, UT 84114
Phone No. 537-9230

1. State Agency Oil, Gas and Mining 1594 West North Temple, Suite 1210 Salt Lake City, UT 84114-5801	2. Approximate date project will start: Upon Approval or January 24, 2007
3. Title of proposed action: Application for Permit to Drill	
4. Description of Project: EOG Resources, Inc. proposes to drill the Big Wash 61-16GR well (wildcat) on a State lease ML 47000, Duchesne County, Utah. This action is being presented to the RDCC for consideration of resource issues affecting state interests. The Division of Oil, Gas and Mining is the primary administrative agency in this action and must issue approval before operations commence.	
5. Location and detailed map of land affected (site location map required, electronic GIS map preferred) (include UTM coordinates where possible) (indicate county) 854' FNL 618' FEL, NE/4 NE/4, Section 16, Township 10 South, Range 16 East, Duchesne County, Utah	
6. Possible significant impacts likely to occur: Surface impacts include up to five acres of surface disturbance during the drilling and completion phase (estimated for five weeks duration). If oil and gas in commercial quantities is discovered, the location will be reclaimed back to a net disturbance of between one and two acres – not including road, pipeline, or utility infrastructure. If no oil or gas is discovered, the location will be completely reclaimed.	
7. Identify local government affected a. Has the government been contacted? No. b. When? c. What was the response? d. If no response, how is the local government(s) likely to be impacted?	
8. For acquisitions of land or interests in land by DWR or State Parks please identify state representative and state senator for the project area. Name and phone number of state representative, state senator near project site, if applicable: a. Has the representative and senator been contacted? N/A	
9. Areawide clearinghouse(s) receiving state action: (to be sent out by agency in block 1) Uintah Basin Association of Governments	
10. For further information, contact: Diana Whitney Phone: (801) 538-5312	11. Signature and title of authorized officer  Gil Hunt, Associate Director Date: January 10, 2007

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

FORM 3

AMENDED REPORT
(highlight changes)

APPLICATION FOR PERMIT TO DRILL				5. MINERAL LEASE NO: ML 47000	6. SURFACE: State
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>				7. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				8. UNIT or CA AGREEMENT NAME:	
2. NAME OF OPERATOR: EOG RESOURCES, INC.				9. WELL NAME and NUMBER: Big Wash 61-16GR	
3. ADDRESS OF OPERATOR: P.O. Box 1815 CITY Vernal STATE UT ZIP 84078				PHONE NUMBER: (435) 789-0790	10. FIELD AND POOL, OR WILDCAT: Natural Buttes/Green River <i>Wildcat</i>
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 854 FNL 618 FEL 39.948794 LAT 110.117067 LON AT PROPOSED PRODUCING ZONE: SAME				11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 16 10S 16E S <i>575490X 4422239Y 39.948809</i> <i>- 110.116315</i>	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 22.8 Miles Southeast of Myton, Utah				12. COUNTY: Duchesne	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 660		16. NUMBER OF ACRES IN LEASE: 680		17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET)		19. PROPOSED DEPTH: 5,650		20. BOND DESCRIPTION: NM 2308	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 6491 GL		22. APPROXIMATE DATE WORK WILL START:		23. ESTIMATED DURATION: 30 Days	

24. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
12-1/4	9-5/8 J-55 36#	0-500'	See Attached Eight Point Plan
7-7/8	4-1/2 J-55 11.6#	500'-TD	See Attached Eight Point Plan

25. **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"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER	<input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Kaylene R. Gardner TITLE Sr. Regulatory Assistant

SIGNATURE *Kaylene R. Gardner* DATE 1/4/2007

(This space for State use only)

API NUMBER ASSIGNED: 43013-33485

APPROVAL:

RECEIVED
JAN 08 2007

DIV. OF OIL, GAS & MINING

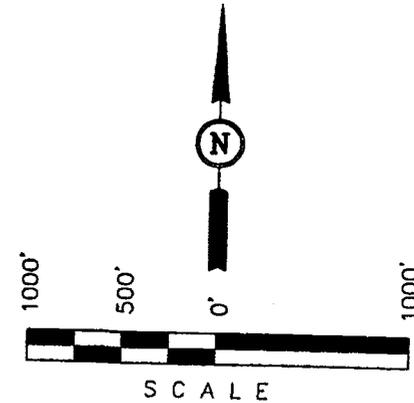
T10S, R16E, S.L.B.&M.

EOG RESOURCES, INC.

Well location, BIG WASH #61-16GR, located as shown in the NE 1/4 NE 1/4 of Section 16, T10S, R16E, S.L.B.&M. Duchesne County Utah.

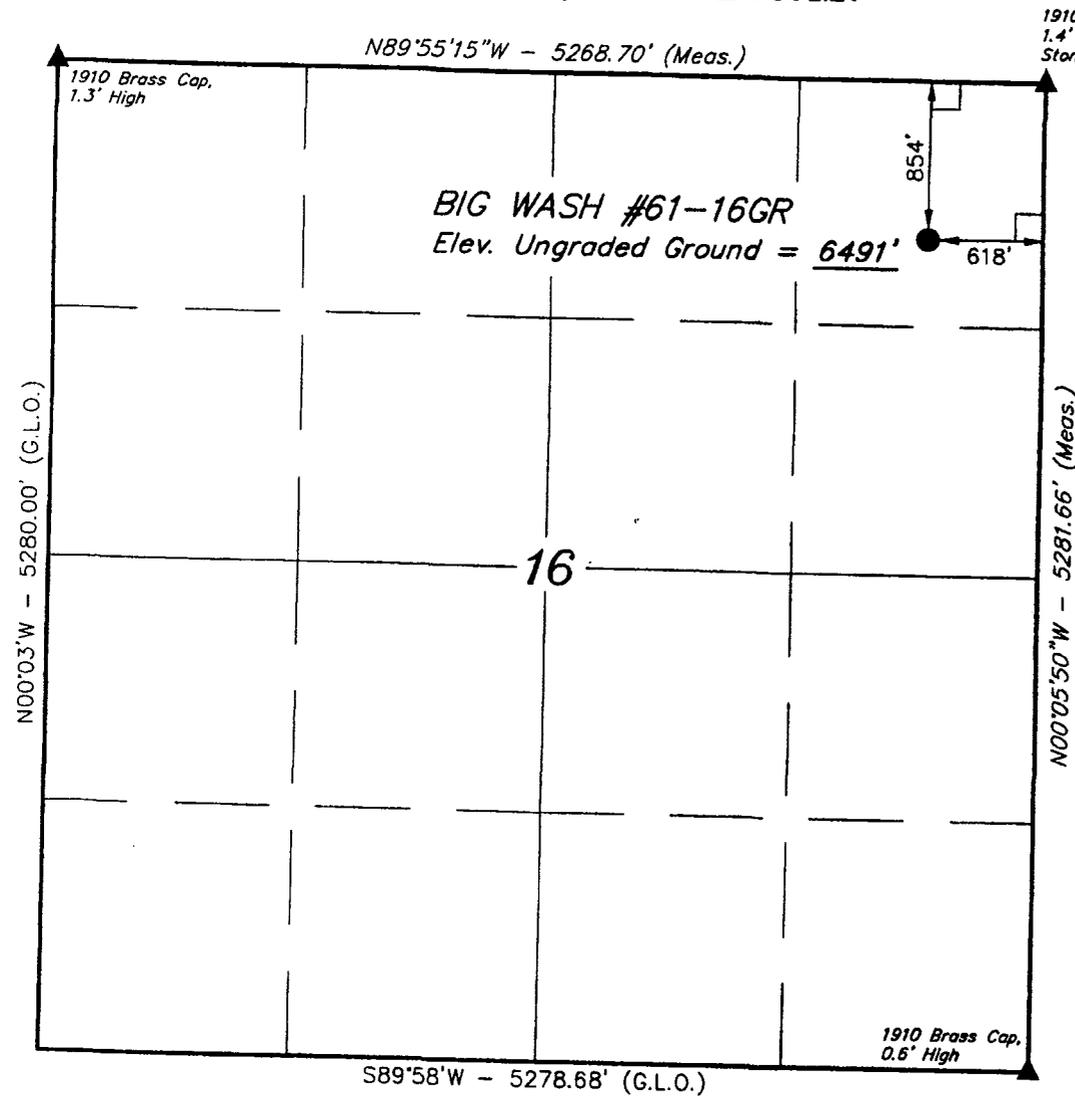
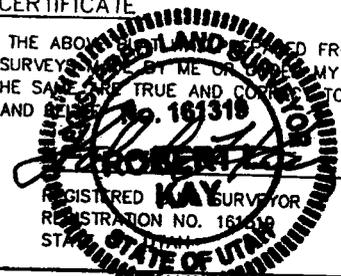
BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 3, T11S, R17E, S.L.B.&M. TAKEN FROM THE WILKIN RIDGE 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 7047 FEET.



CERTIFICATE

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



BASIS OF BEARINGS

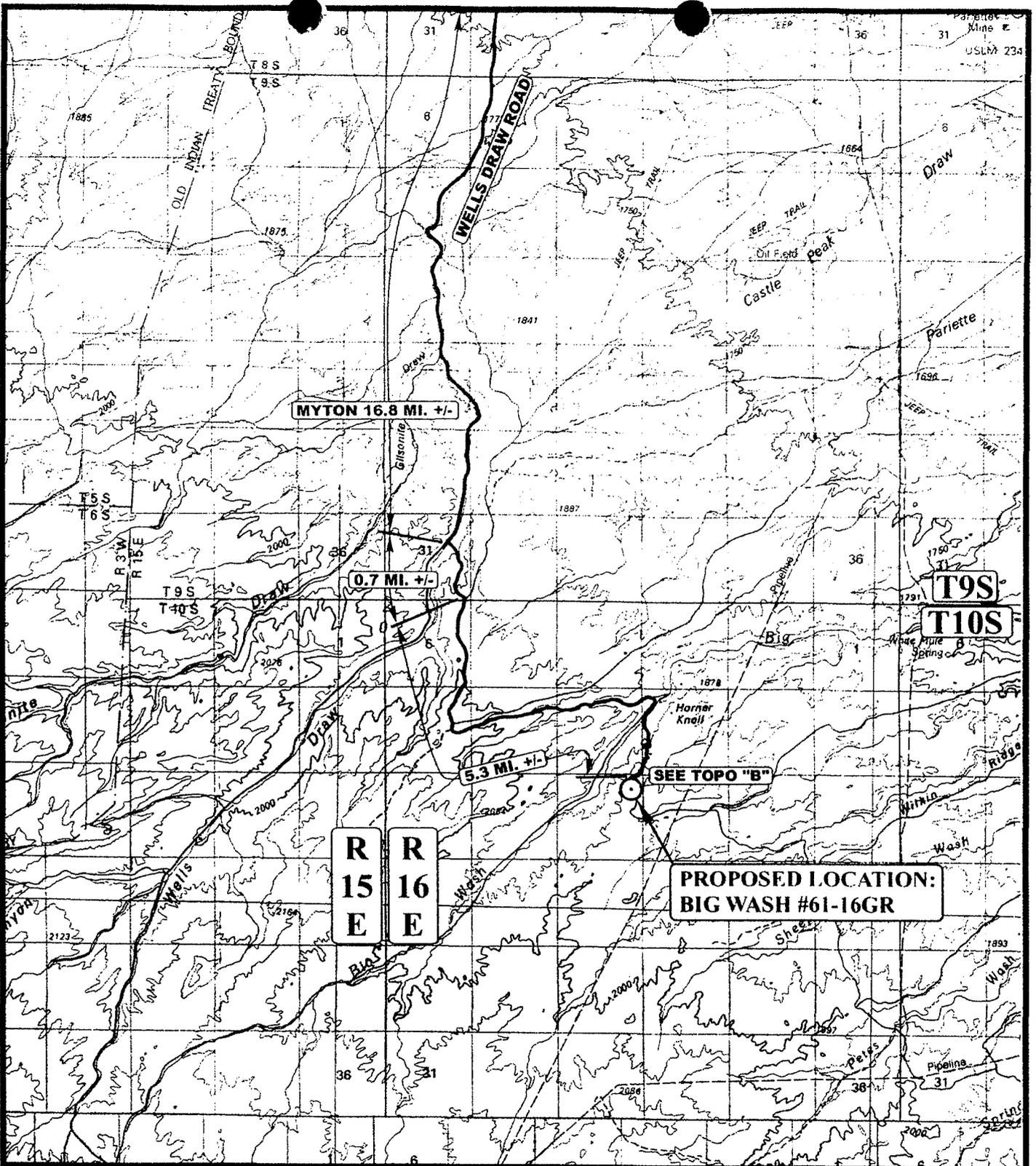
BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

(AUTONOMOUS NAD 83)
 LATITUDE = 39°56'55.66" (39.948794)
 LONGITUDE = 110°07'01.44" (110.117067)
 (AUTONOMOUS NAD 27)
 LATITUDE = 39°56'55.53" (39.948758)
 LONGITUDE = 110°07'03.99" (110.117775)

LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

UNTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 10-5-06	DATE DRAWN: 10-6-06
PARTY T.A. B.C. K.G.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE EOG RESOURCES, INC.	



LEGEND:

○ PROPOSED LOCATION



EOG RESOURCES, INC.

BIG WASH #61-16GR
SECTION 16, T10S, R16E, S.L.B.&M.
854' FNL 618' FEL



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

TOPOGRAPHIC
MAP

10 06 06
 MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: A.A. REVISED: 00-00-00



Application for Permit to Drill

Statement of Basis

Utah Division of Oil, Gas and Mining

1/29/2007

Page 1

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM
198	43-013-33485-00-00		GW	S	No
Operator	EOG RESOURCES INC	Surface Owner-APD			
Well Name	BIG WASH 61-16GR	Unit			
Field	UNDESIGNATED	Type of Work			
Location	NENE 16 10S 16E S 0 F L 0 F L	GPS Coord (UTM) 575490E 4422239N			

Geologic Statement of Basis

EOG proposes to set 500 feet of surface casing cemented to the surface. The base of the moderately saline water is estimated at 3,500 feet. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the proposed location. The surface formation at this location is the Uinta Formation. The Uinta Formation is made up of discontinuous sands interbedded with shales and are not expected to produce prolific aquifers. The production string cement should be brought up above the base of the moderately saline ground water in order to isolate it from fresher waters up hole.

Brad Hill
APD Evaluator

1/29/2007
Date / Time

Surface Statement of Basis

General area is the Big Wash drainage approximately 22 miles southwest of Myton, Ut. Access is by State, County and oilfield development roads. The area is characterized by ridges and draws which sometimes become deep with steep side slopes. Big Wash is an ephemeral drainage. Only flows are intermittent, occurring during spring runoff and following intense summer storms. No springs or seeps are known to exist in the area.

The proposed Big Wash 61-16GR well is located on a lateral stub ridge which extends to the southwest from the main ridge. The top of the ridge will be rounded off to construct the location. Approximately 5 feet of cut will occur at the center stake.

Ben Williams representing the Utah Division of Wildlife Resources said the area is classified as critical winter habitat for elk and high value winter habitat for deer. He recommended to Jim Davis of SITLA and Byron Tolman of EOG a winter seasonal activity restriction to reduce the impact of the wintering elk. This season would be from Dec. 15 to April 15. He recommended no road or pad construction, drilling or use of work-over rigs during this period. He gave both Mr. Davis and Mr. Tolman copies of his wildlife evaluation and a DWR recommended seed mix to be used when re-seeding the area.

Mr. Tolman stated that the access road following existing two-tracks would come from Wilkin Ridge road rather than from Big Wash as shown of TOPO B.

The location appears to be suitable and the best site for constructing a well pad and operating a well in the immediate area.

Floyd Bartlett
Onsite Evaluator

1/24/2007
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator EOG RESOURCES INC
Well Name BIG WASH 61-16GR
API Number 43-013-33485-0 **APD No** 198 **Field/Unit** UNDESIGNATED
Location: 1/4,1/4 NENE **Sec** 16 **Tw** 10S **Rng** 16E 0 FL 0 FL
GPS Coord (UTM) 575487 4422242 **Surface Owner**

Participants

Floyd Bartlett (DOGM), Byron Tolman and Terry Csere (EOG), Jim Davis (SITLA), Ben Williams (DWR)

Regional/Local Setting & Topography

General area is the Big Wash drainage approximately 22 miles southwest of Myton, Ut. Access is by State, County and oilfield development roads. The area is characterized by ridges and draws which sometimes become deep with steep side slopes. Big Wash is an ephemeral drainage. Only flows are intermittent occurring during spring runoff and following intense summer storms. No springs or seeps are known to exist in the area.

The proposed Big Wash 61-16GR well is located on a lateral stub ridge which extends to the southwest from the main ridge. Top of the ridge will be rounded off to construct the location. Approximately 5 feet of cut will occur at the center stake. The access road will come from Wilkin Ridge rather than from Big Wash as shown on TOPO B.

Surface Use Plan

Current Surface Use

Wildlife Habitat
Grazing

New Road

Miles	Well Pad		Src Const Material	Surface Formation
0.01	Width 184	Length 275	Onsite	UNTA

Ancillary Facilities

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetland N

Flora / Fauna

Pinyon juniper with little understory.
Elk, deer, coyotes, rabbits, other small mammals and birds.

Soil Type and Characteristics

Under snow. Expected to be a shallow shaley loam.

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diversion Required? N

Berm Required? N

Erosion Sedimentation Control Required? N

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

Reserve Pit

Site-Specific Factors		Site Ranking
Distance to Groundwater (feet)	>200	0
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	>1320	0
Native Soil Type	Mod permeability	10
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)	10 to 20	5
Affected Populations	<10	0
Presence Nearby Utility Conduits	Not Present	0
Final Score		20
		1 Sensitivity Level

Characteristics / Requirements

The reserve pit is proposed in the southeast corner of the location primarily within a area of cut. A 16mil liner with a felt sub-liner is planned by EOG. Pit size is 50' x 105' x 12' deep

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

Other Observations / Comments

Ben Williams representing the Utah Division of Wildlife Resources said the area is classified as critical winter habitat for elk and high value winter habitat for deer. He recommended to Jim Davis of SITLA and Byron Tolman of EOG a winter seasonal activity restriction to reduce the impact of the wintering elk. This season would be from Dec. 15 to April 15. He recommended no road or pad construction, drilling or use of work-over rigs during this period. He gave both Mr. Davis and Mr. Tolman copies of his wildlife evaluation and a DWR recommended seed mix to be used when re-seeding the area.

Mr. Tolman stated that the access road following existing two-tracks would come from Wilkin Ridge road rather than from Big Wash as shown on TOPO B. BLM ROW's will be needed for the access roads.

Floyd Bartlett
Evaluator

1/24/2007
Date / Time

From: Robert Clark
To: Mason, Diana
Date: 1/29/2007 12:20 PM
Subject: RDCC short turn-around responses

CC: Anderson, Tad; Heying, Cheryl; Mcneill, Dave
The following comments are in response to RDCC short turn around items **RDCC #7511 through 7517 and RDCC #7527 through 7534**.

FYI: All comments are similar with the exception of the requesting entity, the well designation, and the county.

RDCC #7511, Comments begin: The Berry Petroleum Company proposal to drill the LC Tribal 2-11D-56 wildcat well, in Duchesne County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board. If any compressor or pump stations are constructed at the site, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. A copy of the rules is found at www.rules.utah.gov/publicat/code/r307/r307.htm .

The proposed project is also subject to Utah Air Quality Rule R307-205-5, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the project. 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 may be found at www.rules.utah.gov/publicat/code/r307/r307.htm . **Comments end.**

RDCC #7512, comments begin: The Berry Petroleum Company proposal to drill the LC Tribal 2-11D-56 wildcat well, in Duchesne County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board. If any compressor or pump stations are constructed at the site, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. A copy of the rules is found at www.rules.utah.gov/publicat/code/r307/r307.htm .

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RDCC #7513, comments begin: The Royalite Petroleum Corporation proposal to drill the Royalite State 16-1 wildcat well, in Piute County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board. If any compressor or pump stations are constructed at the site, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. A copy of the rules is found at www.rules.utah.gov/publicat/code/r307/r307.htm .

The proposed project is also subject to Utah Air Quality Rule R307-205-5, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the project. 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 may be found at www.rules.utah.gov/publicat/code/r307/r307.htm . **Comments end.**

RDCC #7514, comments begin: The Delta Petroleum Corporation proposal to drill the Salt Valley State 23-43 wildcat well, in Grand County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board. If any compressor or pump stations are constructed at the site, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. A copy of the rules is found at www.rules.utah.gov/publicat/code/r307/r307.htm .

The proposed project is also subject to Utah Air Quality Rule R307-205-5, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the project. 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 may be found at www.rules.utah.gov/publicat/code/r307/r307.htm . **Comments end.**

RDCC #7515, comments begin: The Delta Petroleum Corporation proposal to drill the Salt Valley State 24-14 wildcat well, in Grand County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board. If any compressor or pump stations are constructed at the site, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. A copy of the rules is found at www.rules.utah.gov/publicat/code/r307/r307.htm .

The proposed project is also subject to Utah Air Quality Rule R307-205-5, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the project. 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 may be found at www.rules.utah.gov/publicat/code/r307/r307.htm . **Comments end.**

RDCC #7516, comments begin: The EOG Resources, Inc. proposal to drill the Big Wash 61-16-GR wildcat well, in Duchesne County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board. If any compressor or pump stations are constructed at the site, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. A copy of the rules is found at www.rules.utah.gov/publicat/code/r307/r307.htm .

The proposed project is also subject to Utah Air Quality Rule R307-205-5, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the project. 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 may be found at www.rules.utah.gov/publicat/code/r307/r307.htm . **Comments end.**

RDCC #7517, comments begin: The EOG Resources, Inc. proposal to drill the Big Wash 30-02-GR wildcat well, in Duchesne County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board. If any compressor or pump stations are constructed at the site, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. A copy of the rules is found at www.rules.utah.gov/publicat/code/r307/r307.htm .

The proposed project is also subject to Utah Air Quality Rule R307-205-5, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the project. 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 may be found at www.rules.utah.gov/publicat/code/r307/r307.htm . **Comments end.**

RDCC #7527, comments begin: The Questar Exploration & Production Company proposal to drill the SCS 5C-32-14-19 wildcat well, in Uintah County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board. If any compressor or pump stations are constructed at the site, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. A copy of the rules is found at www.rules.utah.gov/publicat/code/r307/r307.htm .

The proposed project is also subject to Utah Air Quality Rule R307-205-5, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the project. 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 may be found at www.rules.utah.gov/publicat/code/r307/r307.htm . **Comments end.**

RDCC #7528, comments begin: The Delta Petroleum Corporation proposal to drill the Greentown State 36-33S wildcat well, in Grand County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board. If any compressor or pump stations are constructed at the site, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. A copy of the rules is found at www.rules.utah.gov/publicat/code/r307/r307.htm .

The proposed project is also subject to Utah Air Quality Rule R307-205-5, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the project. 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 may be found at www.rules.utah.gov/publicat/code/r307/r307.htm . **Comments end.**

RDCC #7529, comments begin: The Delta Petroleum Corporation proposal to drill the Greentown State 36-24S wildcat well, in Grand County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board. If any compressor or pump stations are constructed at the site, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. A copy of the rules is found at www.rules.utah.gov/publicat/code/r307/r307.htm .

The proposed project is also subject to Utah Air Quality Rule R307-205-5, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the project. 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 may be found at www.rules.utah.gov/publicat/code/r307/r307.htm . **Comments end.**

RDCC #7530, comments begin: The Delta Petroleum Corporation proposal to drill the Greentown State 36-31S wildcat well, in Grand County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board. If any compressor or pump stations are constructed at the site, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. A copy of the rules is found at www.rules.utah.gov/publicat/code/r307/r307.htm .

The proposed project is also subject to Utah Air Quality Rule R307-205-5, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the project. 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 may be found at www.rules.utah.gov/publicat/code/r307/r307.htm . **Comments end.**

RDCC #7531, comments begin: The Delta Petroleum Corporation proposal to drill the Greentown State 36-42S wildcat well, in Grand County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board. If any compressor or pump stations are constructed at the site, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. A copy of the rules is found at www.rules.utah.gov/publicat/code/r307/r307.htm .

The proposed project is also subject to Utah Air Quality Rule R307-205-5, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the project. 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 may be found at www.rules.utah.gov/publicat/code/r307/r307.htm . **Comments end.**

RDCC #7532, comments begin: The Delta Petroleum Corporation proposal to drill the Greentown State 36-22S wildcat well, in Grand County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board. If any

compressor or pump stations are constructed at the site, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. A copy of the rules is found at www.rules.utah.gov/publicat/code/r307/r307.htm .

The proposed project is also subject to Utah Air Quality Rule R307-205-5, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the project. 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 may be found at www.rules.utah.gov/publicat/code/r307/r307.htm . **Comments end.**

RDCC #7533, comments begin: The Delta Petroleum Corporation proposal to drill the Greentown State 36-44S wildcat well, in Grand County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board. If any compressor or pump stations are constructed at the site, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. A copy of the rules is found at www.rules.utah.gov/publicat/code/r307/r307.htm .

The proposed project is also subject to Utah Air Quality Rule R307-205-5, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the project. 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 may be found at www.rules.utah.gov/publicat/code/r307/r307.htm . **Comments end.**

RDCC #7534, comments begin: The Delta Petroleum Corporation proposal to drill the Greentown State 36-13S wildcat well, in Grand County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board. If any compressor or pump stations are constructed at the site, a permit application, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. A copy of the rules is found at www.rules.utah.gov/publicat/code/r307/r307.htm .

The proposed project is also subject to Utah Air Quality Rule R307-205-5, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the project. 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 may be found at www.rules.utah.gov/publicat/code/r307/r307.htm . **Comments end.**

Robert Clark
Division of Air Quality
801-536-4435

MEMORANDUM

DATE: January 31, 2007
TO: Resource Development Coordinating Committee
FROM: Utah Geological Survey, Ground Water and Paleontology Program
SUBJECT: UGS comments on RDCC items 7511,7512, 7516, 7517, 7528, 7529, 7530, 7531, 7532, 7533, and 7534.

7511 Division of Oil, Gas and Mining Short Turn Around Drilling Permit
Sec. 11, T5S, R6W, Duchesne County
Application for Permit to Drill - proposal to drill a wildcat well the LC Tribal 2-11D-56 on an Indian lease 14/20-H62-5500

Although there are no paleontological localities recorded in our files for this project area, the Eocene Uinta Formation that is exposed here has the potential for yielding significant vertebrate fossil localities. The office of the State Paleontologist therefore recommends that a paleontological survey be conducted for this project and its easements by a paleontologist with a valid permit.

7512 Division of Oil, Gas and Mining Short Turn Around Drilling Permit
Sec. 11, T5S, R6W, Duchesne County
Application for Permit to Drill - proposal to drill a wildcat well the LC Tribal 3-11D-56 on an Indian lease 14/20-H62-5500

Although there are no paleontological localities recorded in our files for this project area, the Eocene Uinta Formation that is exposed here has the potential for yielding significant vertebrate fossil localities. The office of the State Paleontologist therefore recommends that a paleontological survey be conducted for this project and its easements by a paleontologist with a valid permit.

7516 Division of Oil, Gas and Mining Short Turn Around Drilling Permit
Sec. 16, T10S, R16E, Duchesne County
Application for Permit to Drill - proposal to drill a wildcat well the Big Wash 61-16GR on a State lease ML47000

Although there are no paleontological localities recorded in our files for this project area, the Eocene Uinta Formation that is exposed here has the potential for yielding significant vertebrate fossil localities. The office of the State Paleontologist therefore recommends

that a paleontological survey be conducted for this project and its easements by a paleontologist with a valid permit.

7517 Division of Oil, Gas and Mining Short Turn Around Drilling Permit
Sec. 2, T10S, R16E, Duchesne County
Application for Permit to Drill - proposal to drill a wildcat well the Big Wash 30-02-GR on a State lease ML47052

Although there are no paleontological localities recorded in our files for this project area, the Eocene Uinta Formation that is exposed here has the potential for yielding significant vertebrate fossil localities. The office of the State Paleontologist therefore recommends that a paleontological survey be conducted for this project and its easements by a paleontologist with a valid permit.

7528 Division of Oil, Gas and Mining Short Turn Around Drilling Permit
Sec. 36, T21S, R16E, Grand County
Application for Permit to Drill - proposal to drill a wildcat well the Greentown State 36-33S on a State lease ML-49170

Although there are no paleontological localities recorded in our files for this project area, the Jurassic Morrison Formation (and possibly Cedar Mountain Formation) that is exposed here has the potential for yielding significant vertebrate fossil localities. The office of the State Paleontologist therefore recommends that a paleontological survey be conducted for this project and its easements by a paleontologist with a valid permit.

7529 Division of Oil, Gas and Mining Short Turn Around Drilling Permit
Sec. 36, T21S, R16E, Grand County
Application for Permit to Drill - proposal to drill a wildcat well the Greentown State 36-24S on a State lease ML-49170

Although there are no paleontological localities recorded in our files for this project area, the Jurassic Morrison Formation (and possibly Cedar Mountain Formation) that is exposed here has the potential for yielding significant vertebrate fossil localities. The office of the State Paleontologist therefore recommends that a paleontological survey be conducted for this project and its easements by a paleontologist with a valid permit.

7530 Division of Oil, Gas and Mining Short Turn Around Drilling Permit
Sec. 36, T21S, R16E, Grand County
Application for Permit to Drill - proposal to drill a wildcat well the Greentown State 36-31S on a State lease ML-49170

Although there are no paleontological localities recorded in our files for this project area,

the Jurassic Morrison Formation (and possibly Cedar Mountain Formation) that is exposed here has the potential for yielding significant vertebrate fossil localities. The office of the State Paleontologist therefore recommends that a paleontological survey be conducted for this project and its easements by a paleontologist with a valid permit.

7531 Division of Oil, Gas and Mining Short Turn Around Drilling Permit
Sec. 36, T21S, R16E, Grand County
Application for Permit to Drill - proposal to drill a wildcat well the Greentown State 36-42S on a State lease ML-49170

Although there are no paleontological localities recorded in our files for this project area, the Jurassic Morrison Formation (and possibly Cedar Mountain Formation) that is exposed here has the potential for yielding significant vertebrate fossil localities. The office of the State Paleontologist therefore recommends that a paleontological survey be conducted for this project and its easements by a paleontologist with a valid permit.

7532 Division of Oil, Gas and Mining Short Turn Around Drilling Permit
Sec. 36, T21S, R16E, Grand County
Application for Permit to Drill - proposal to drill a wildcat well the Greentown State 36-22S on a State lease ML-49170

Although there are no paleontological localities recorded in our files for this project area, the Jurassic Morrison Formation (and possibly Cedar Mountain Formation) that is exposed here has the potential for yielding significant vertebrate fossil localities. The office of the State Paleontologist therefore recommends that a paleontological survey be conducted for this project and its easements by a paleontologist with a valid permit.

7533 Division of Oil, Gas and Mining Short Turn Around Drilling Permit
Sec. 36, T21S, R16E, Grand County
Application for Permit to Drill - proposal to drill a wildcat well the Greentown State 36-44S on a State lease ML-49170

Although there are no paleontological localities recorded in our files for this project area, the Jurassic Morrison Formation (and possibly Cedar Mountain Formation) that is exposed here has the potential for yielding significant vertebrate fossil localities. The office of the State Paleontologist therefore recommends that a paleontological survey be conducted for this project and its easements by a paleontologist with a valid permit.

7534 Division of Oil, Gas and Mining Short Turn Around Drilling Permit
Sec. 36, T21S, R16E, Grand County
Application for Permit to Drill - proposal to drill a wildcat well the Greentown

State 36-13S on a State lease ML-49170

Although there are no paleontological localities recorded in our files for this project area, the Jurassic Morrison Formation (and possibly Cedar Mountain Formation) that is exposed here has the potential for yielding significant vertebrate fossil localities. The office of the State Paleontologist therefore recommends that a paleontological survey be conducted for this project and its easements by a paleontologist with a valid permit.

2007-02 EOG Big Wash 61-16GR

Casing Schematic

Surface

BHP $0.052(5650)9.5 = 2791 \text{ psi}$
anticipate 2790 psi

9-5/8"
MW 8.4
Frac 19.3

Gas $.12(5650) = 678$
 $2791 - 678 = 2113 \text{ psi, MASP}$

BOPE = 5M ✓

Burst 3520
70% = 2464 psi

Max P @ surf. shoe
 $.22(5150) = 1133$
 $2791 - 1133 = 1658 \text{ psi}$

test to 1658 psi ✓

Stop: ~~DOF~~ ^{cm+} csg to surface ✓

✓ Adequate DUD 2/13/07

4-1/2"
MW 9.5

Production
5650. MD

TOC @ Wenta
0. ✓

Surface
500. MD

1148' Green River

2318' Mahogany Oil Shale Bed

TOC @
2360.

TOC @ 1118' w/0% washout +
Propose TOC to ± 300' - gauge + 45' ±
* STIP ✓

3093' Garden Gulch Mbr.

3280' Middle Carb. Bed

3500' ± BMSW

4018' Douglas Creek Mbr.

4893' Castle Peak Mbr.

5343' Uteland Butte Mbr.

5543' Wasatch

Well name:	2007-02 EOG Big Wash 61-16GR		
Operator:	EOG Resources Inc.		
String type:	Surface	Project ID:	43-013-33485
Location:	Duchesne County		

Design parameters:

Collapse

Mud weight: 8.400 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: 75 °F
 Bottom hole temperature: 82 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 290 ft

Cement top: Surface

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: 1.80 (J)
 Buttress: 1.60 (J)
 Premium: 1.50 (J)
 Body yield: 1.50 (B)

Tension is based on buoyed weight.
 Neutral point: 438 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 5,650 ft
 Next mud weight: 9,500 ppg
 Next setting BHP: 2,788 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)	Internal Capacity (ft³)
1	500	9.625	36.00	J-55	ST&C	500	500	8.796	217
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	218	2020	9.258	500	3520	7.04	16	394	25.00 J

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

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

Date: February 9, 2007
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 500 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	2007-02 EOG Big Wash 61-16GR		
Operator:	EOG Resources Inc.		
String type:	Production	Project ID:	43-013-33485
Location:	Duchesne County		

Design parameters:

Collapse

Mud weight: 9.500 ppg
 Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 1,545 psi
 Internal gradient: 0.220 psi/ft
 Calculated BHP: 2,788 psi

 No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

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

Tension is based on buoyed weight.
 Neutral point: 4,848 ft

Environment:

H2S considered? No
 Surface temperature: 75 °F
 Bottom hole temperature: 154 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 1,500 ft

 Cement top: 2,360 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	5650	4.5	11.60	J-55	LT&C	5650	5650	3.875	493.1
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	2788	4960	1.779	2788	5350	1.92	56	162	2.88 J

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

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

Date: February 9, 2007
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 5650 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.

From: Ed Bonner
To: Mason, Diana
Date: 2/5/2007 9:59 AM
Subject: Well Clearance

CC: Davis, Jim; Garrison, LaVonne; Hill, Brad; Hunt, Gil

The following wells have been given cultural resource clearance by the Trust Lands Cultural Resources Group:

Dominion E&P, Inc
KC 13-32E (API 43 047 38950)

Enduring Resources, LLC
Southman Canyon 9-23-22-36 WD (API 43 047 38983)
Buck Camp 11-22-11-36 WD (API 43 047 38984)
Rock House 11-23-32-2 (API 43 047 38986)

EOG Resources, Inc
Gilsonite Draw 3-02GR (API 43 013 33482)
Gilsonite Draw 11-02GR (API 43 013 33483)
Big Wash 61-16GR (API 43 013 33485)

Gasco Production Company
Wilkin Ridge State 23-16-10-17 (API 43 013 33468)

If you have any questions regarding this matter please give me a call.



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

February 14, 2007

EOG Resources, Inc.
P O Box 1815
Vernal, UT 84078

Re: Big Wash 61-16GR Well, 854' FNL, 618' FEL, NE NE, Sec. 16, T. 10 South,
R. 16 East, Duchesne County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33485.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
SITLA

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.
5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)
6. 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.
7. Operator shall comply with applicable recommendations resulting from Resource Development Coordinating Committee review. Statements attached.
8. Cement volume for the 4 1/2" production string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to 300' MD as indicated in the submitted drilling plan.

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:
ML-47000

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
OIL WELL GAS WELL OTHER _____

8. WELL NAME and NUMBER:
Big Wash 61-16GR

2. NAME OF OPERATOR:
EOG Resources, Inc.

9. API NUMBER:
43-013-33485

3. ADDRESS OF OPERATOR:
600 17th St., Suite 1000N CITY **Denver** STATE **CO** ZIP **80202**

PHONE NUMBER:
(303) 824-5526

10. FIELD AND POOL, OR WILDCAT:
Wildcat

4. LOCATION OF WELL
FOOTAGES AT SURFACE: **854' FNL & 618' FEL 39.948794 LAT 110.117067 LON**

COUNTY: **Duchesne**

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **NENE 16 10S 16E S**

STATE: **UTAH**

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ 	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input 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.

EOG Resources, Inc. requests permission to change the casing program for the production string for the referenced well from 4-1/2" casing to 5-1/2" casing.

A revised drilling plan is attached.

COPY SENT TO OPERATOR
Date: **6-20-07**
Initials: **pm**

NAME (PLEASE PRINT) **Mary A. Maestas**

TITLE **Regulatory Assistant**

SIGNATURE *Mary A. Maestas*

DATE **5/24/2007**

(This space for State use only) APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING

DATE **6/18/07**
BY *Dick [Signature]*

(5/2000)

*production casing cement shall be brought back to ± 1000' minimum in order to isolate the Green River Formation.

RECEIVED
MAY 29 2007

DIV. OF OIL, GAS & MINING

EIGHT POINT PLAN

BIG WASH 61-16GR
NE/NE, SEC. 16, T10S, R16E, S.L.B.&M.
DUCHESNE COUNTY, UTAH

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	TVD-RKB (ft)	Objective	Lithology	
Uinta FM	18			
Green River FM	1,148			
Mahogany Oil Shale Bed	2,318			Oil
Garden Gulch MBR	3,093	Secondary		Oil / Gas
Middle Carb Bed	3,288			
Douglas Creek MBR	4,018	Secondary		Oil / Gas
Castle Peak MBR	4,893	Primary		Oil / Gas
Uteland Butte MBR	5,343	Secondary		Oil / Gas
Wasatch	5,543			
TD	5,650			

EST. TD: 5,650' or 200' ± below Wasatch Top

Anticipated BHP: 2,790 Psig

1. Fresh Waters may exist in the upper, approximately 1,000 ft ± of the Green River Formation, with top at about 2,000 ft ±.
2. Cement isolation is installed to surface of the well isolating all zones by cement.

3. **PRESSURE CONTROL EQUIPMENT:** Production Hole - 5,000 Psig
 BOP Schematic Diagram attached.

4. **CASING PROGRAM:**

CASING	Hole Size	Length	Size	WEIGHT	Grade	Thread	Rating Collapse	Factor Burst	Tensile
Conductor	17 ½"	0 – 45'	13 ¾"	48.0#	H-40	STC	770 PSI	1730 PSI	322,000#
Surface	12 ¼"	0' – 500' KB±	9-5/8"	36.0#	J-55	STC	2020 PSI	3520 Psi	394,000#
Production	7-7/8"	Surface – TD	5-½"	17.0#	J-55	LTC	4910 PSI	5320 Psi	247,000#

All casing will be new or inspected.

EIGHT POINT PLAN

BIG WASH 61-16GR

NE/NE, SEC. 16, T10S, R16E, S.L.B.&M.
DUCHESNE COUNTY, UTAH

5. Float Equipment:

Surface Hole Procedure (0 - 500' ± Below GL):

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1 – 5-10' above shoe, every collar for next 3 joints (4 total).

Production Hole Procedure (500' ± - TD):

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-½", 11.6#, J-55 or equivalent marker collars or short casing joints to be placed 400' above top of Garden Gulch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 2nd joint to 400' above Garden Gulch top. (15± total). Thread lock float shoe, top and bottom of float collar, and top of 2nd joint.

6. MUD PROGRAM:

Surface Hole Procedure (0 - 500' ± below GL):

Air/air mist or aerated water

Production Hole Procedure (500' ± - TD):

Anticipated mud weight 9.0 – 9.5 ppg depending on actual wellbore condition encountered while drilling.

500'± - TD A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

7. VARIANCE REQUESTS:

Reference: Onshore Oil and Gas Order No. 2 – Item E: Special Drilling Operations

EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. Due to reduce location excavation, the blooie line will be approximately 75' in length

EIGHT POINT PLAN

BIG WASH 61-16GR
NE/NE, SEC. 16, T10S, R16E, S.L.B.&M.
DUCHESNE COUNTY, UTAH

8. EVALUATION PROGRAM:

Logs: Mud log from base of surface casing to TD.
Open Hole Logs: Open Hole Logs will be run consisting of the following:
Schlumberger Platform Express: Open Hole Gamma Ray, Resistivity, and Neutron Porosity

9. CEMENT PROGRAM:

Surface Hole Procedure (0-500' ± Below GL)

Lead: 185 sks Class 'G' cement with 2% S1 (CaCl₂) & 0.25 pps D29 (cellophane flakes), mixed at 15.8 ppg, 1.16 ft³/sk., 4.95 gps water.

Top Out: 207 sks Top out with Class 'G' cement with 2% S1 (CaCl₂) in mix water, 15.8 ppg, 1.16 ft³/sk., 4.95 gps via 1" tubing set at 25' if needed.

Install 6' x 4' cellar ring, drill rat and mouse holes with spud rig.

Note: Cement volumes will be calculated to bring cement to surface.

Production Hole Procedure (500' ± to TD)

Lead: 153 sks: 35:65 Poz "G" w/4% D20 (Bentonite), 2% D174 (Extender), 0.2% D65 (Dispersant), 0.2% D46 (Antifoam), 0.75% D112 (Fluid Loss Additive), 0.200% D13 (Retarder), 0.25 pps D29 (cello flakes) mixed at 13.0 ppg, 1.75 ft³/sk., 9.19 gps water.

Tail: 418 sks: 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1 ppg, 1.28 ft³/sk., 5.9gps water.

Note: The above number of sacks is based on gauge-hole calculation.
Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe.
Tail volume to be calculated to bring cement to 400'± above top of Garden Gulch MBR.

Final Cement volumes will be based upon gauge-hole plus 45% excess.

EIGHT POINT PLAN

BIG WASH 61-16GR
NE/NE, SEC. 16, T10S, R16E, S.L.B.&M.
DUCHESNE COUNTY, UTAH

10. ABNORMAL CONDITIONS:

Surface Hole (Surface - 500'±):

Lost circulation

Production Hole (500'± - TD):

Sloughing shales, lost circulation and key seat development are possible in the Garden Gulch Formation.

11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

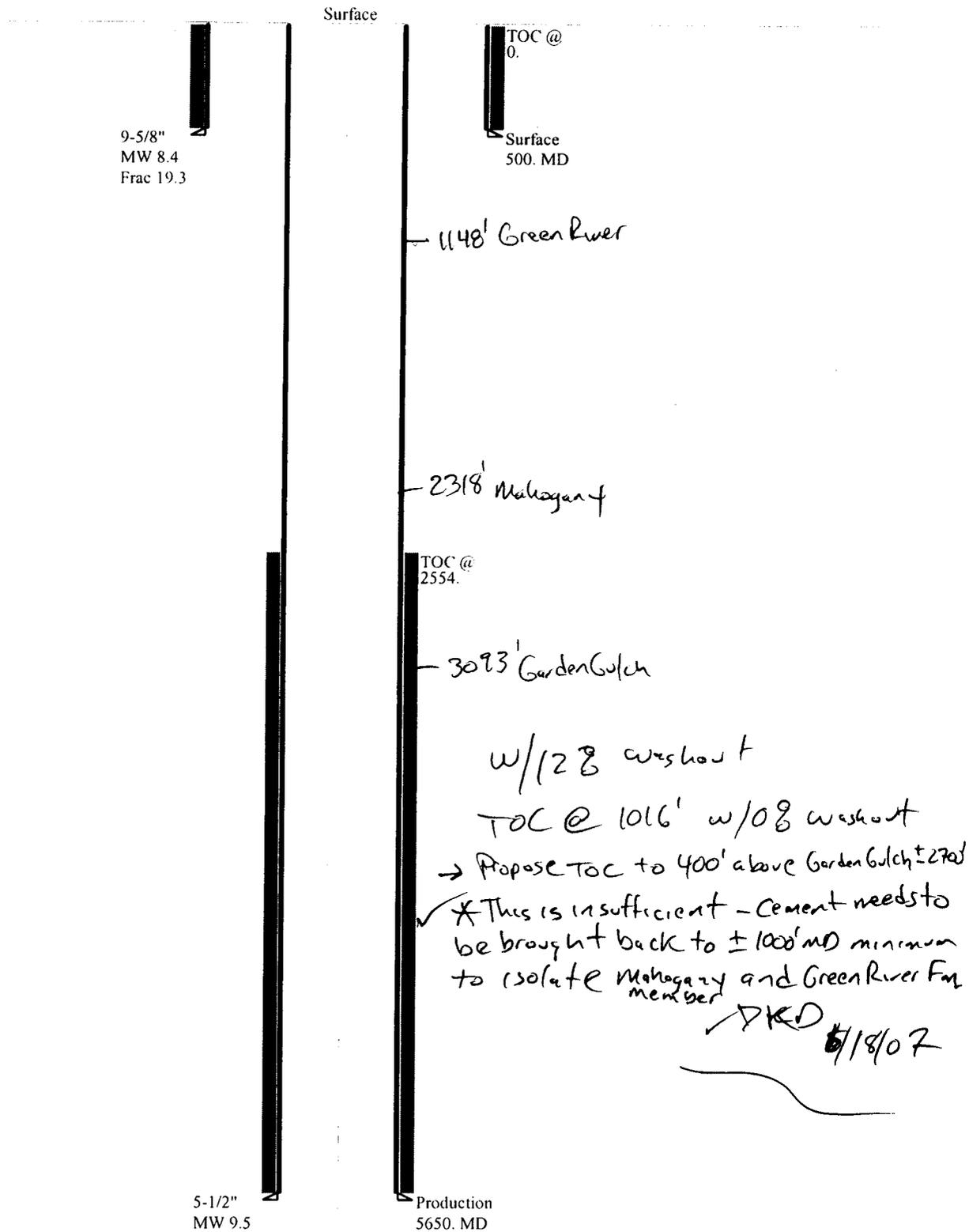
12. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)

2007-02 EOG Big Wash 61-16GRrev.

Casing Schematic



Well name:	2007-02 EOG Big Wash 61-16GRrev.		
Operator:	EOG Resources Inc.		
String type:	Production	Project ID:	43-013-33485
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: 75 °F
 Bottom hole temperature: 154 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 1,500 ft

Cement top: 2,554 ft

Burst

Max anticipated surface pressure: 1,545 psi
 Internal gradient: 0.220 psi/ft
 Calculated BHP 2,788 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: 1.50 (B)

Non-directional string.

Tension is based on buoyed weight.

Neutral point: 4,836 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)	Internal Capacity (ft³)
1	5650	5.5	17.00	J-55	LT&C	5650	5650	4.767	737.5
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	2788	4910	1.761	2788	5320	1.91	82	247	3.00 J

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

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

Date: June 18, 2007
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 5650 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.

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:

ML-47000

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 GAS WELL OTHER _____

8. WELL NAME and NUMBER:

Big Wash 61-16GR

2. NAME OF OPERATOR:
EOG Resources, Inc.

9. API NUMBER:

43-013-33485

3. ADDRESS OF OPERATOR:
1060 East Highway 40 CITY **Vernal** STATE **UT** ZIP **84078**

PHONE NUMBER:
(435) 781-9111

10. FIELD AND POOL, OR WILDCAT:

Wildcat

4. LOCATION OF WELL
FOOTAGES AT SURFACE: **854' FNL & 618' FEL 39.948794 LAT 110.117067 LON**

COUNTY: **Duchesne**

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **NENE 16 10S 16E S**

STATE:

UTAH

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

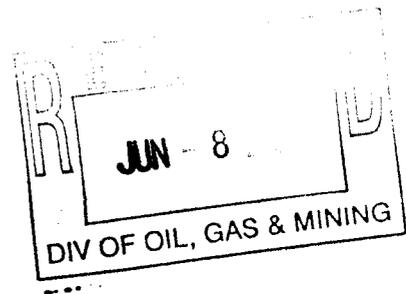
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input 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.

As per verbal approval on June 6, 2007 with Brad Hill, State of Utah Department of Oil, Gas and Mining, EOG Resources, Inc. requests permission to change the location layout, increasing the location size, for the referenced well as per the attached plats.

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

Date: 06-11-07
By: [Signature]



NAME (PLEASE PRINT) Kaylene R. Gardner

TITLE Sr. Regulatory Assistant

SIGNATURE [Signature]

DATE 6/7/2007

(This space for State use only)

6-12-07
RM

EOG RESOURCES, INC.
BIG WASH #61-16GR
 LOCATED IN DUCHESNE COUNTY, UTAH
 SECTION 16, T10S, R16E, S.L.B.&M.

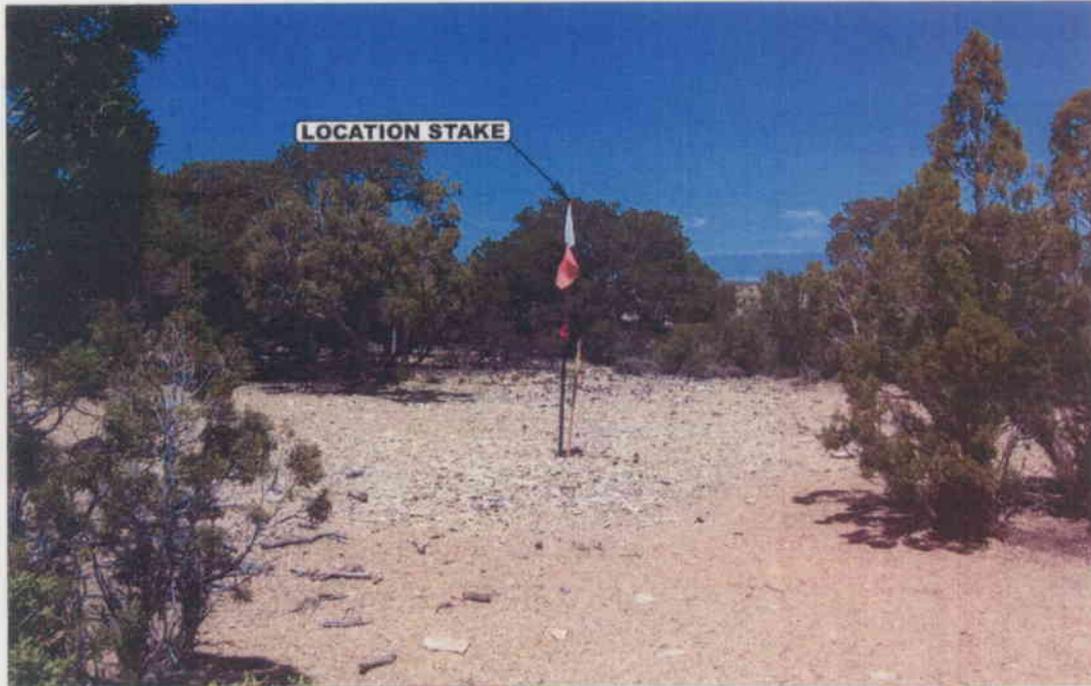


PHOTO: VIEW FROM PIT CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHERLY

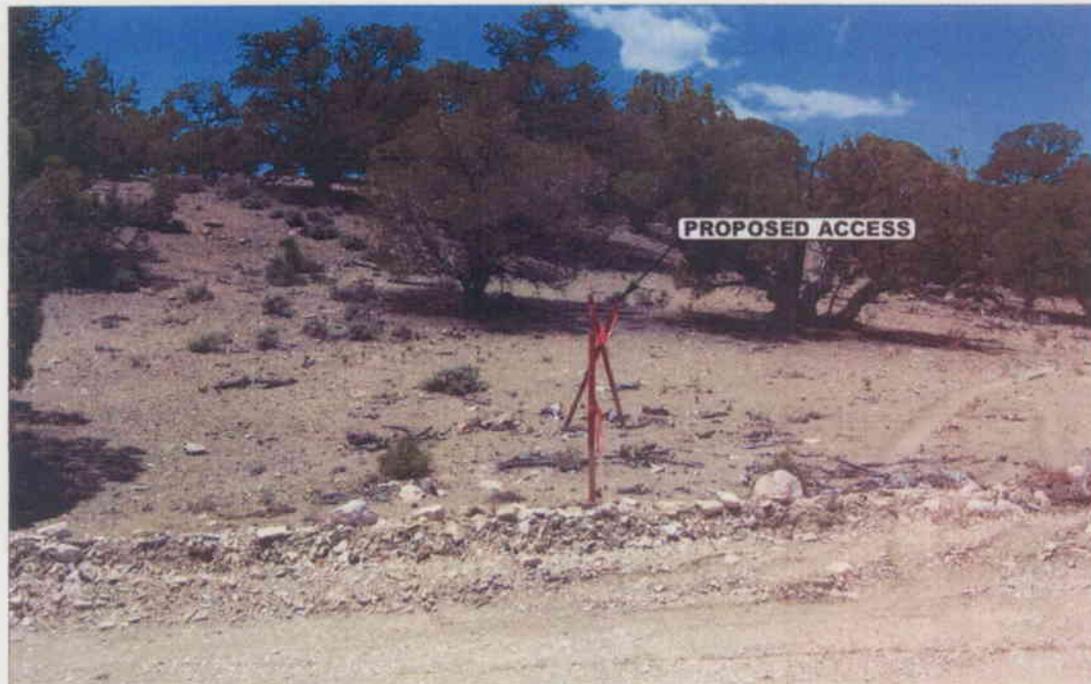


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: WESTERLY



UELS Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 435-789-1017 uels@uelsinc.com

Since 1964

LOCATION PHOTOS	10	06	06	PHOTO
	MONTH	DAY	YEAR	
TAKEN BY: T.A.	DRAWN BY: A.A.		REV: 05-31-07 B.C.	

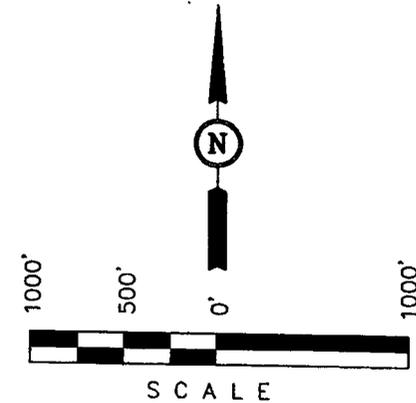
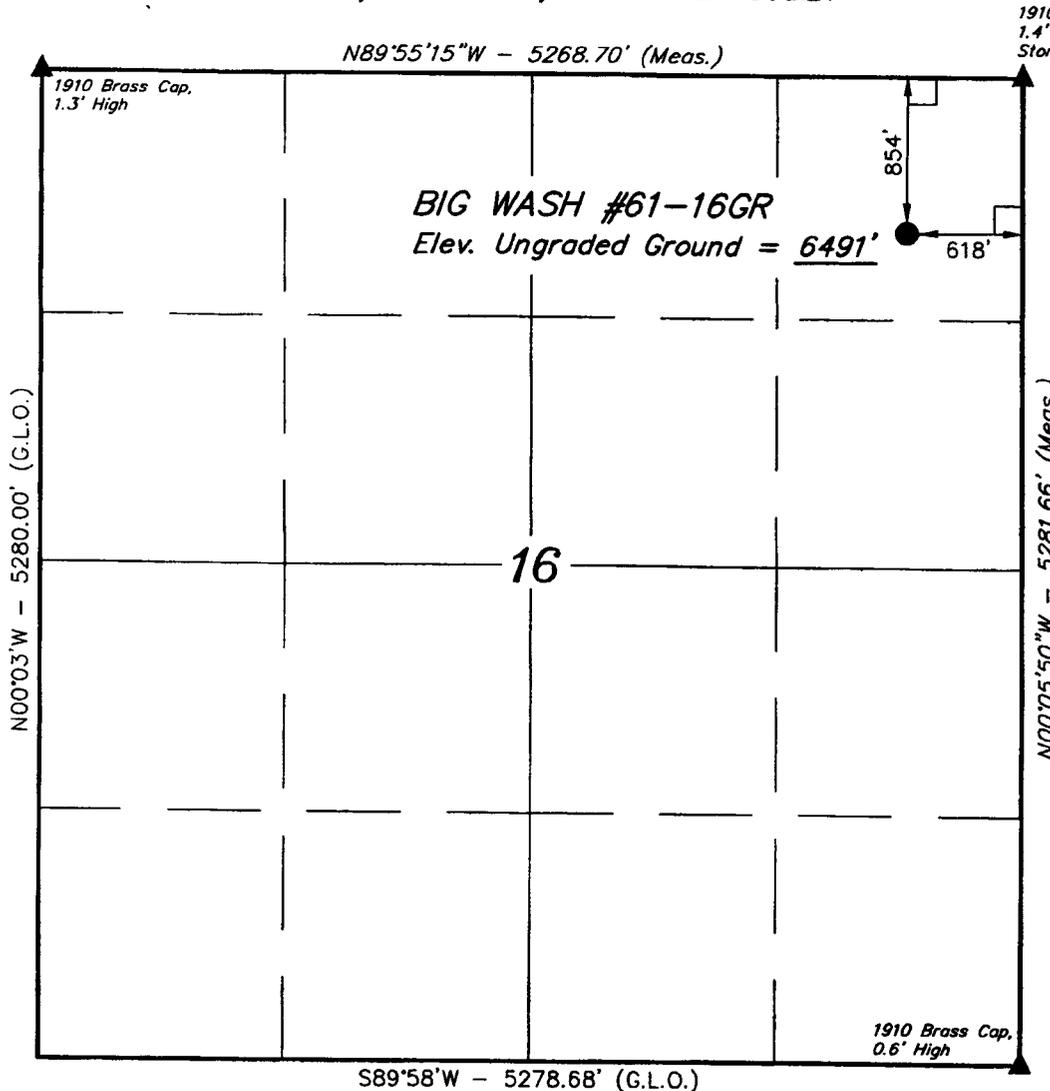
T10S, R16E, S.L.B.&M.

EOG RESOURCES, INC.

Well location, BIG WASH #61-16GR, located as shown in the NE 1/4 NE 1/4 of Section 16, T10S, R16E, S.L.B.&M. Duchesne County Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 3, T11S, R17E, S.L.B.&M. TAKEN FROM THE WILKIN RIDGE 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 7047 FEET.



CERTIFIED TRUE AND CORRECT
 REGISTERED LAND SURVEYOR
 STATE OF UTAH
 No. 161919
 ROBERT [Signature]
 REGISTERED LAND SURVEYOR
 EXPIRES 10-18-19

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

BASIS OF BEARINGS

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

LEGEND:

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

(AUTONOMOUS NAD 83)
 LATITUDE = $39^{\circ}56'55.66''$ (39.948794)
 LONGITUDE = $110^{\circ}07'01.44''$ (110.117067)
 (AUTONOMOUS NAD 27)
 LATITUDE = $39^{\circ}56'55.53''$ (39.948758)
 LONGITUDE = $110^{\circ}07'03.99''$ (110.117775)

UNTAH ENGINEERING & LAND SURVEYING

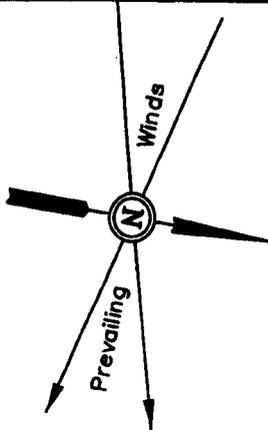
85 SOUTH 200 EAST - VERNAL, UTAH 84078
 (435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 10-5-06	DATE DRAWN: 10-6-06
PARTY T.A. B.C. K.G.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE EOG RESOURCES, INC.	

EOG RESOURCES, INC.

FIGURE #1

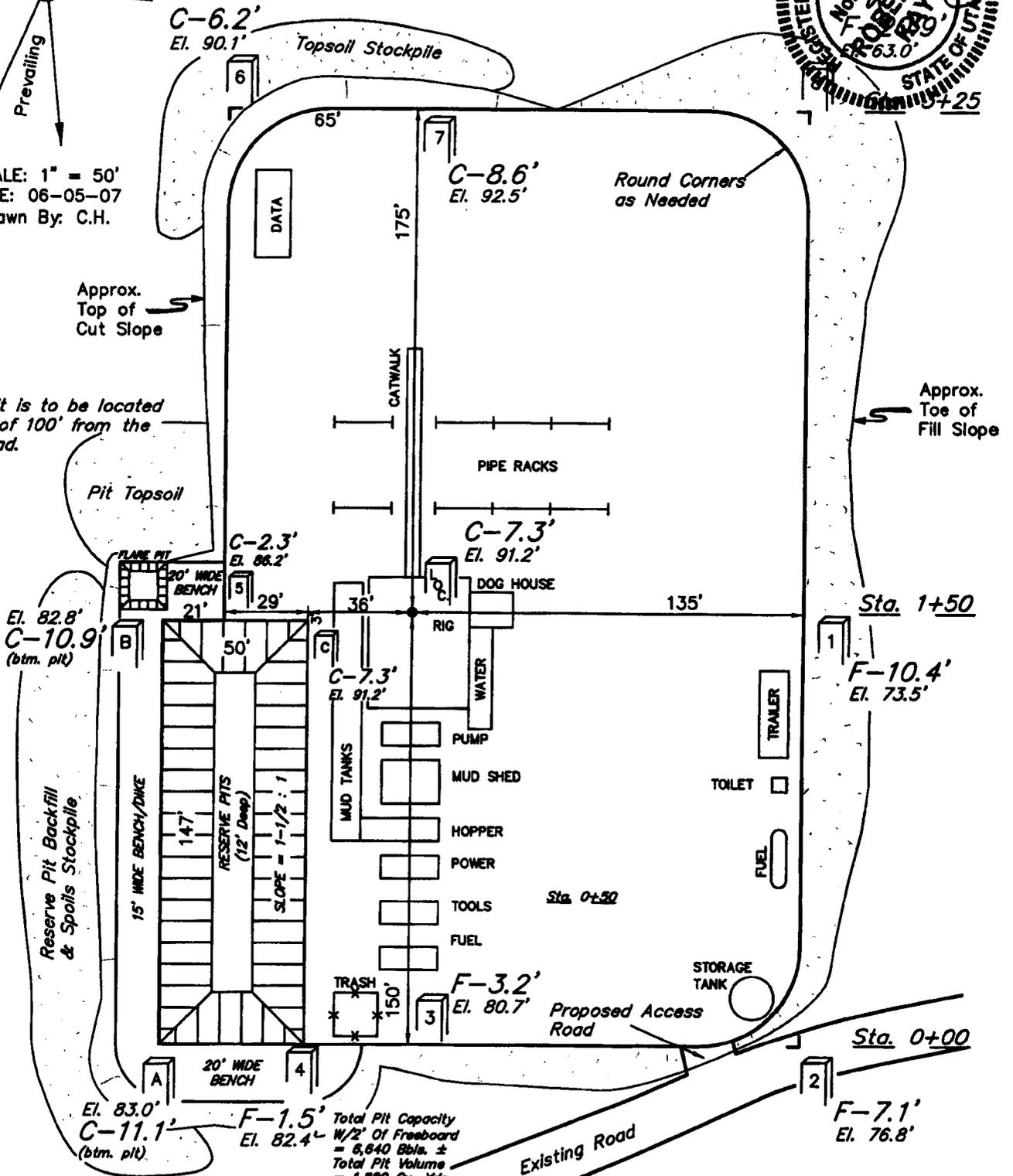
LOCATION LAYOUT FOR
 BIG WASH #61-16GR
 SECTION 16, T10S, R16E, S.L.B.&M.
 854' FNL 618' FEL



SCALE: 1" = 50'
 DATE: 06-05-07
 Drawn By: C.H.

NOTE:

Flare Pit is to be located a min. of 100' from the Well Head.



NOTES:

Elev. Ungraded Ground At Loc. Stake = 6491.2'

FINISHED GRADE ELEV. AT LOC. STAKE = 6483.9'

Total Pit Capacity
 W/2' Of Freeboard
 = 6,640 Bbls. ±
 Total Pit Volume
 = 1,880 Cu. Yds.

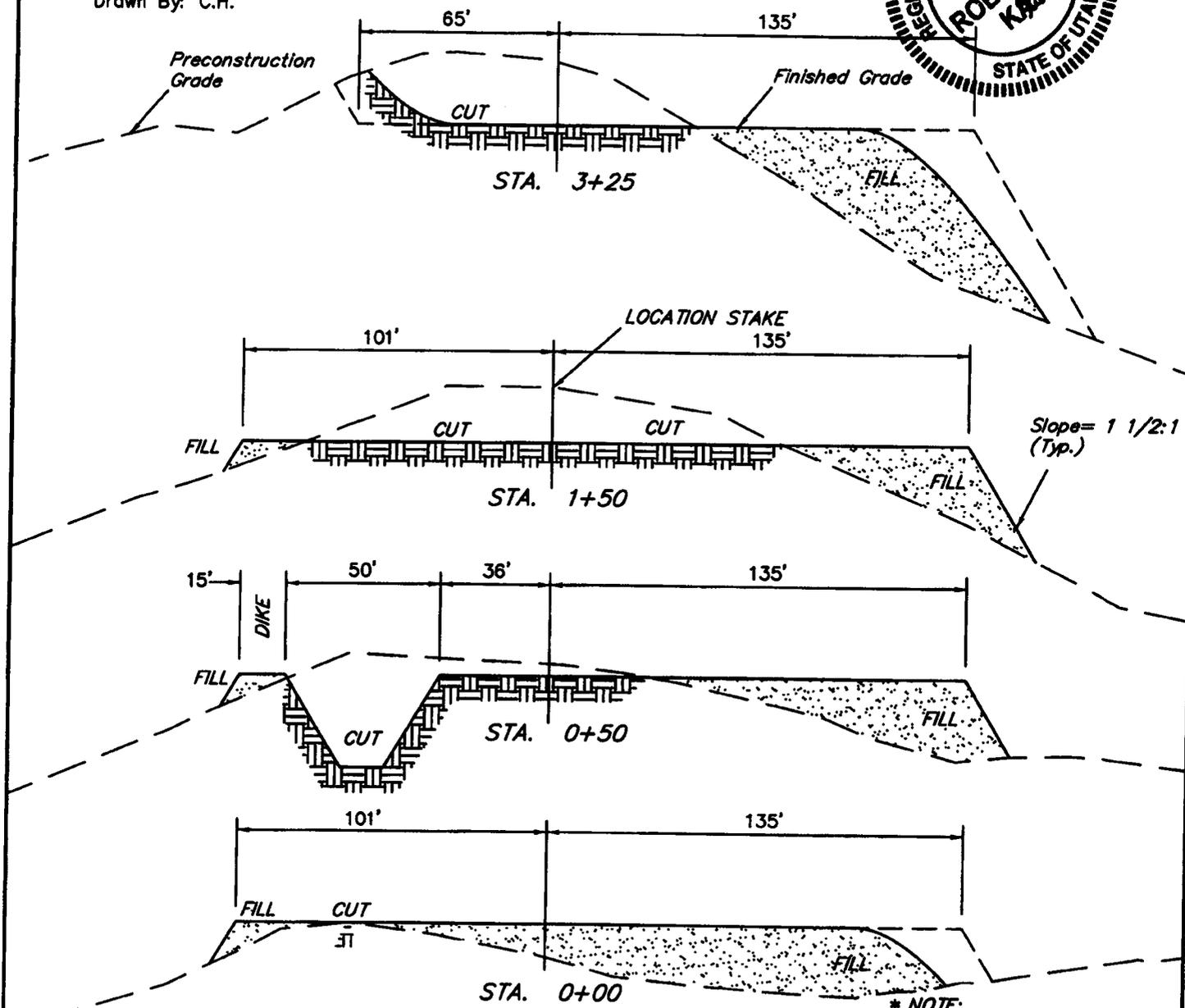
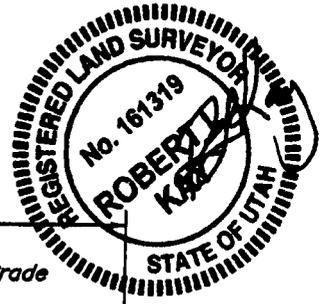
EOG RESOURCES, INC.

FIGURE #2

TYPICAL CROSS SECTIONS FOR
BIG WASH #61-16GR
SECTION 16, T10S, R16E, S.L.B.&M.
854' FNL 618' FEL

X-Section Scale
1" = 20'
1" = 50'

DATE: 06-05-07
Drawn By: C.H.

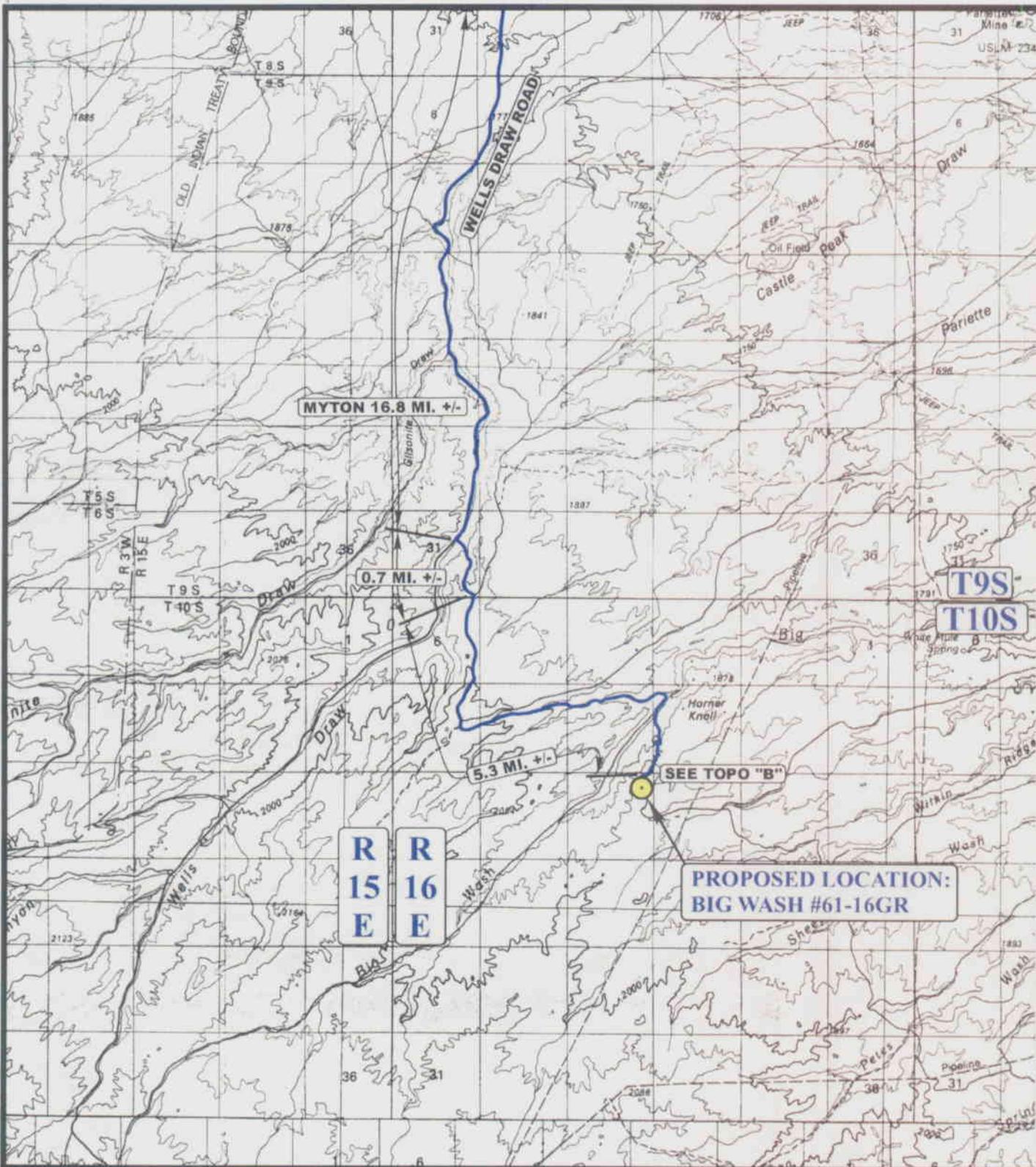


* NOTE:
FILL QUANTITY INCLUDES
5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 1,700 Cu. Yds.
Remaining Location	= 9,660 Cu. Yds.
TOTAL CUT	= 11,360 CU.YDS.
FILL	= 8,720 CU.YDS.

EXCESS MATERIAL	= 2,640 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 2,640 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	= 0 Cu. Yds.



LEGEND:

 PROPOSED LOCATION

EOG RESOURCES, INC.

BIG WASH #61-16GR
SECTION 16, T10S, R16E, S.L.B.&M.
854' FNL 618' FEL



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



TOPOGRAPHIC
MAP

10 06 06
 MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: A.A. REVISED: 00-00-00



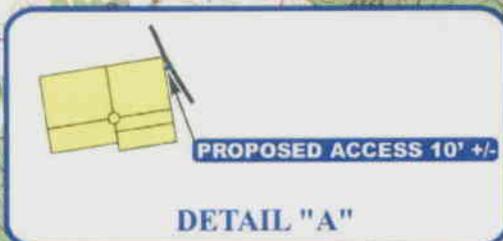
R
16
E

MYTON 30.2 MI. +/-
WELLS DRAW RD 13.4 +/-

Horner
Knoll

SEE DETAIL "A"

PROPOSED LOCATION:
BIG WASH #61-16GR



T10S

EOG RESOURCES, INC.

BIG WASH #61-16GR
SECTION 16, T10S, R16E, S.L.B.&M.
854' FNL 618' FEL

— EXISTING ROAD
- - - PROPOSED ACCESS ROAD



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

TOPOGRAPHIC MAP 10 06 06
MONTH DAY YEAR
SCALE: 1" = 2000' DRAWN BY: A.A. REV: 05-31-07 B.C.

B
TOPO

R
16
E

T10S

**PROPOSED LOCATION:
BIG WASH #61-16GR**

WDU #3

Horner
Knoff

LEGEND:

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

EOG RESOURCES, INC.

**BIG WASH #61-16GR
SECTION 16, T10S, R16E, S.L.B.&M.
854' FNL 618' FEL**



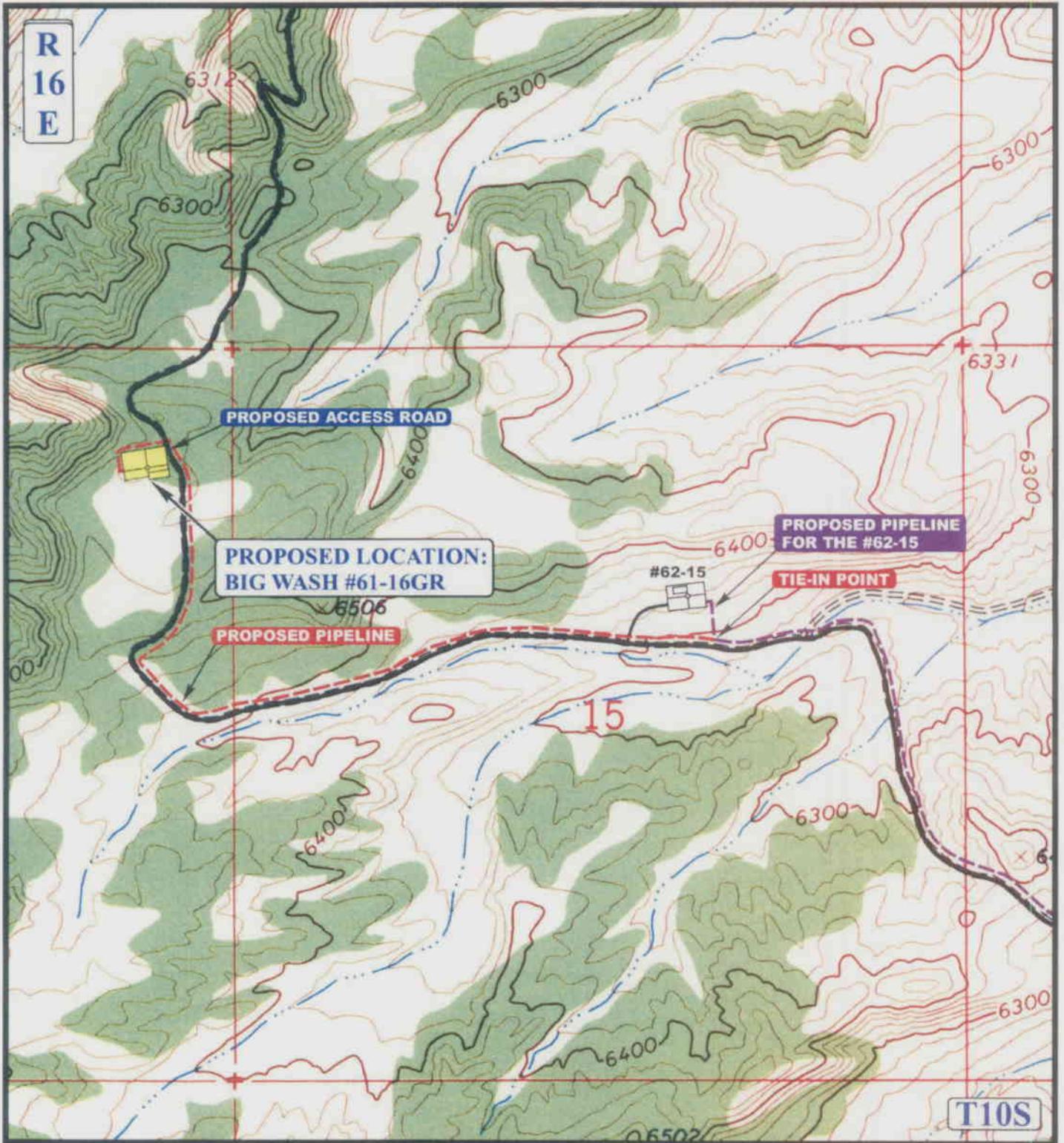
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813



TOPOGRAPHIC MAP 10 06 06
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: A.A. REV: 05-31-07 B.C.





APPROXIMATE TOTAL PIPELINE DISTANCE = 6,909' +/-

LEGEND:

-  PROPOSED ACCESS ROAD
-  EXISTING PIPELINE
-  PROPOSED PIPELINE

EOG RESOURCES, INC.

BIG WASH #61-16GR
SECTION 16, T10S, R16E, S.L.B.&M.
854' FNL 618' FEL



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



TOPOGRAPHIC MAP **10 16 06**
MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: A.A. REV: 05-31-07 B.C.



DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: EOG Resources, Inc

Well Name: Big Wash # 61-16GR

API No: 43-013-33485 Lease Type: State

Section 16 Township 10S Range 16E County Duchesne

Drilling Contractor Rocky Mountain Drilling Rig # Rathole

SPUDDED:

Date 6-14-07

Time 1:00 PM

How Dry

Drilling will Commence: _____

Reported by Jerry Barnes

Telephone # 435-828-1720

Date 6-15-07 Signed RM

ENTITY ACTION FORM

Operator: EOG RESOURCES, INC. Operator Account Number: N 9550
 Address: 600 17th Street
city Denver
state CO zip 80202 Phone Number: (303) 262-2812

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-38700	HOSS 33-30		SWNW	30	8S	23E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	16191	6/13/2007		6/21/07		
Comments: <u>PRRV=MVRD</u>							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-013-33485	BIG WASH 61-16GR		NENE	16	10S	16E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	16192	6/14/2007		6/21/07		
Comments: <u>WSTC</u>							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-36280	NATURAL BUTTES UNIT 546-1E		NWSW	1	10S	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<u>AB</u>	99999	<u>2900</u>	6/15/2007		6/21/07		
Comments: <u>PRRV=MVRD=WSTC=MVD</u>							

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)

Carrie MacDonald

Name (Please Print)

Signature

Operations Clerk

Title

6/19/2007

Date

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JUN 21 2007

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:
ML-47000

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL OIL WELL GAS WELL OTHER _____

8. WELL NAME and NUMBER:
Big Wash 61-16GR

2. NAME OF OPERATOR:
EOG Resources, Inc.

9. API NUMBER:
43-013-33485

3. ADDRESS OF OPERATOR:
600 17th St., Suite 1000N CITY **Denver** STATE **CO** ZIP **80202**

PHONE NUMBER:
(303) 262-2812

10. FIELD AND POOL, OR WILDCAT:
Wildcat

4. LOCATION OF WELL
FOOTAGES AT SURFACE: **854' FNL & 618' FEL 39.948794 LAT 110.117067 LON**

COUNTY: **Duchesne**

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **NENE 16 10S 16E S.L.B. & M.**

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 (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Well spud</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

The referenced well spud on 6/14/2007.

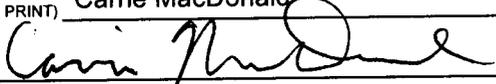
RECEIVED

JUN 21 2007

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Carrie MacDonald

TITLE Operations Clerk

SIGNATURE 

DATE 6/19/2007

(This space for State use only)

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:
ML-47000

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
OIL WELL GAS WELL OTHER _____

8. WELL NAME and NUMBER:
Big Wash 61-16GR

2. NAME OF OPERATOR:
EOG Resources, Inc.

9. API NUMBER:
43-013-33485

3. ADDRESS OF OPERATOR:
600 17th St., Suite 1000N CITY **Denver** STATE **CO** ZIP **80202**

PHONE NUMBER:
(303) 262-2812

10. FIELD AND POOL, OR WILDCAT:
Wildcat

4. LOCATION OF WELL
FOOTAGES AT SURFACE: **854' FNL & 618' FEL 39.948794 LAT 110.117067 LON**

COUNTY: **Duchesne**

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **NENE 16 10S 16E S.L.B. & M.**

STATE: **UTAH**

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input checked="" 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.

EOG Resources, Inc. requests authorization for disposal of produced water from the referenced well to any of the following locations.

1. Natural Buttes Unit 21-20B SWD
2. Chapita Wells Unit 550-30N SWD
3. Ace Disposal
4. RN Industries

Accepted by the
Utah Division of
Oil, Gas and Mining

Date: 06-25-07
By: [Signature]

6-26-07
RM

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JUN 21 2007

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Carrie MacDonald

TITLE Operations Clerk

SIGNATURE [Signature]

DATE 6/19/2007

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

AMENDED REPORT FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____		7. UNIT OR CA AGREEMENT NAME Sheep Wash	
b. TYPE OF WORK: NEW WELL <input checked="" type="checkbox"/> HORIZ. LATS. <input type="checkbox"/> DEEP-EN <input type="checkbox"/> RE-ENTRY <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: Big Wash 61-16 GR	
2. NAME OF OPERATOR: EOG RESOURCES, INC.		9. API NUMBER: 43-013-33485	
3. ADDRESS OF OPERATOR: P.O. BOX 1815 Vernal UT 84078		10. FIELD AND POOL, OR WILDCAT Wildcat	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 854 FNL & 618 FEL 39.948758 Lat 110.117775 Lon AT TOP PRODUCING INTERVAL REPORTED BELOW: SAME AT TOTAL DEPTH: SAME		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 16 10S 16E S	
14. DATE SPUDDED: 6/14/2007		15. DATE T.D. REACHED: 6/29/2007	
16. DATE COMPLETED: 8/7/2007		17. ELEVATIONS (DF, RKB, RT, GL): 6497 KB	
18. TOTAL DEPTH: MD 5,650 TVD _____		19. PLUG BACK T.D.: MD 5,574 TVD _____	
20. IF MULTIPLE COMPLETIONS, HOW MANY? * 1		21. DEPTH BRIDGE MD PLUG SET: TVD _____	
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) RST/CBL/CCL/VDL/GR		23. WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit copy)	

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
20	14	Conductor	0	40		Cement to Surface			
12-1/4	9-5/8 J-55	36#	0	535		225			
7-7/8	5-1/2 J-55	17#	0	5,619		780			

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8	5,532							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) Green River	5,342	5,540		
(B)				
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
5,776 5,540		3/SPF	Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
5,342 5,449		3/SPF	Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
5776-5540	853 BBLs Gelled water & 87,500 #20/40 Sand
5342-5449	997 BBLs Gelled water & 123,140 # 20/40 Sand

29. ENCLOSED ATTACHMENTS:

- | | | | |
|---|--|---------------------------------------|---|
| <input type="checkbox"/> ELECTRICAL/MECHANICAL LOGS | <input type="checkbox"/> GEOLOGIC REPORT | <input type="checkbox"/> DST REPORT | <input type="checkbox"/> DIRECTIONAL SURVEY |
| <input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION | <input type="checkbox"/> CORE ANALYSIS | <input type="checkbox"/> OTHER: _____ | |

30. WELL STATUS:

PRODUCING

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31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 8/7/2007		TEST DATE: 8/13/2007		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL - BBL: 63	GAS - MCF: 16	WATER - BBL: 30	PROD. METHOD: FLOWS
CHOKE SIZE: 7/64	TBG. PRESS. 190	CSG. PRESS. 212	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

33. 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.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
Green River	5,540	5,342		Mahogany Oil Shale Middle Carbonate Marker Castlepeak Uteland Butte	2,378 3,309 4,855 5,360

35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Kaylene R. Gardner TITLE Regulatory Assistant
 SIGNATURE *Kaylene R. Gardner* DATE 8/14/2007

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top - Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining Phone: 801-538-5340
 1594 West North Temple, Suite 1210
 Box 145801 Fax: 801-359-3940
 Salt Lake City, Utah 84114-5801

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: ML 47000
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:
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: Sheep Wash Unit
2. NAME OF OPERATOR: EOG Resources, Inc.		8. WELL NAME and NUMBER: Big Wash 61-16GR
3. ADDRESS OF OPERATOR: 1060 East Highway 40 Vernal UT 84078		9. API NUMBER: 43-013-33485
		10. FIELD AND POOL, OR WILDCAT: Wildcat
4. LOCATION OF WELL FOOTAGES AT SURFACE: 854 FSL 618 FEL 39.948758 Lat 110.1177575 Lon		COUNTY: Duchesne
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 16 10S 16E S		STATE: UTAH

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

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

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

EOG Resources, Inc. Respectfully requests the type of well change:

From - Gas
To - Oil

NAME (PLEASE PRINT) <u>Kaylene R. Gardner</u>	TITLE <u>Sr. Regulatory Assistant</u>
SIGNATURE	DATE <u>8/14/2007</u>

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RECEIVED
AUG 16 2007
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: ML-47000
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:
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: Sheep Wash
2. NAME OF OPERATOR: EOG Resources, Inc.		8. WELL NAME and NUMBER: Big Wash 61-16GR
3. ADDRESS OF OPERATOR: 600 17th St., Suite 1000N CITY Denver STATE CO ZIP 80202		9. API NUMBER: 43-013-33485
		10. FIELD AND POOL, OR WILDCAT: Wildcat
4. LOCATION OF WELL FOOTAGES AT SURFACE: 854' FNL & 618' FEL 39.948794 LAT 110.117067 LON		COUNTY: Duchesne
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 16 10S 16E S.L.B. & M.		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 (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input checked="" 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.

The referenced well was turned to sales on 8/7/2007. Please see the attached operations summary report for drilling and completion operations performed on the subject well.

NAME (PLEASE PRINT) <u>Mary A. Maestas</u>	TITLE <u>Regulatory Assistant</u>
SIGNATURE <u><i>Mary A. Maestas</i></u>	DATE <u>8/15/2007</u>

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AUG 17 2007

WELL CHRONOLOGY REPORT

Report Generated On: 08-14-2007

Well Name	BIG WASH 61-16 GR	Well Type	EXPG	Division	DENVER
Field	WILDCAT	API #	43-013-33485	Well Class	1SA
County, State	DUCHESNE, UT	Spud Date	06-27-2007	Class Date	08-07-2007
Tax Credit	N	TVD / MD	5.650/ 5.650	Property #	060460
Water Depth	0	Last CSG	0.0	Shoe TVD / MD	0/ 0
KB / GL Elev	6.497/ 9.484				
Location	Section 16, T10S, R16E, NENE, 854 FNL & 618 FEL				

Event No	1.0	Description	DRILL & COMPLETE		
Operator	EOG RESOURCES, INC	WI %	100.0	NRI %	82.5

AFE No	304358	AFE Total	974,900	DHC / CWC	478,200/ 496,700
Rig Contr	TRUE	Rig Name	TRUE #27	Start Date	01-24-2007
01-24-2007	Reported By	SHARON WHITLOCK			
Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0
Cum Costs: Drilling	\$0	Completion	\$0	Well Total	\$0
MD	0	TVD	0	Progress	0
Days	0	MW	0.0	Visc	0.0
Formation :	PBTD : 0.0		Perf :	PKR Depth : 0.0	

Activity at Report Time: LOCATION DATA

Start	End	Hrs	Activity Description
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06:00	06:00	24.0	LOCATION DATA: 854' FNL & 618' FEL (NE/NE) SECTION 16, T10S, R16E DUCHESNE COUNTY, UTAH
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LAT: 39.948758, LONG: 110.117775 (NAD 27)
LAT: 39.948794, LONG: 110.117067 (NAD 83)

RIG: TRUE #27
WC/GAS
OBJECTIVE: 5650' TD CASTLE PEAK MBR
BIG WASH PROSPECT
DD&A:
FIELD

LEASE: ML 47000
ELEVATION: 6491.2' NAT GL, 6483.9' PREP GL, (DUE TO ROUNDING THE PREP GL WILL BE 6484') 6497' KB,
(13)

EOG WI 100%, NRI 82.5%

06-11-2007 **Reported By** TERRY CSERE

Daily Costs: Drilling \$38,000 **Completion** \$0 **Daily Total** \$38,000
Cum Costs: Drilling \$38,000 **Completion** \$0 **Well Total** \$38,000
MD 0 **TVD** 0 **Progress** 0 **Days** 0 **MW** 0.0 **Visc** 0.0
Formation : **PBTD : 0.0** **Perf :** **PKR Depth : 0.0**

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION STARTED.

06-12-2007 **Reported By** TERRY CSERE

Daily Costs: Drilling \$0 **Completion** \$0 **Daily Total** \$0
Cum Costs: Drilling \$38,000 **Completion** \$0 **Well Total** \$38,000
MD 0 **TVD** 0 **Progress** 0 **Days** 0 **MW** 0.0 **Visc** 0.0
Formation : **PBTD : 0.0** **Perf :** **PKR Depth : 0.0**

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION 30% COMPLETE.

06-13-2007 **Reported By** TERRY CSERE

Daily Costs: Drilling \$0 **Completion** \$0 **Daily Total** \$0
Cum Costs: Drilling \$38,000 **Completion** \$0 **Well Total** \$38,000
MD 0 **TVD** 0 **Progress** 0 **Days** 0 **MW** 0.0 **Visc** 0.0
Formation : **PBTD : 0.0** **Perf :** **PKR Depth : 0.0**

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	PAD 80% COMPLETE. STARTING PIT.

06-14-2007 **Reported By** TERRY CSERE

Daily Costs: Drilling \$0 **Completion** \$0 **Daily Total** \$0
Cum Costs: Drilling \$38,000 **Completion** \$0 **Well Total** \$38,000
MD 0 **TVD** 0 **Progress** 0 **Days** 0 **MW** 0.0 **Visc** 0.0
Formation : **PBTD : 0.0** **Perf :** **PKR Depth : 0.0**

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LINE FRIDAY WIND PERMITTING.

06-15-2007 **Reported By** TERRY CSERE

Daily Costs: Drilling \$0 **Completion** \$0 **Daily Total** \$0
Cum Costs: Drilling \$38,000 **Completion** \$0 **Well Total** \$38,000
MD 0 **TVD** 0 **Progress** 0 **Days** 0 **MW** 0.0 **Visc** 0.0
Formation : **PBTD : 0.0** **Perf :** **PKR Depth : 0.0**

Activity at Report Time: BUILD LOCATION

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LINING PIT TODAY.

06-18-2007 **Reported By** TERRY CSERE

16:00 19:00 3.0 RIG UP WITH TRUCKS. APPROX 20% RIGGED UP. NO ACCIDENTS OR INCIDENTS. SAFETY MEETING HELD W/ RW JONES DRIVERS AND SWAMPERS. 5 LOADS IN JONES YARD TO ARRIVE IN AM. FULL CREW.

BWT

06-27-2007 Reported By PAUL WHITE

Daily Costs: Drilling \$42,508 Completion \$4,600 Daily Total \$47,108
 Cum Costs: Drilling \$167,063 Completion \$4,819 Well Total \$171,882

MD 565 TVD 565 Progress 0 Days 0 MW 0.0 Visc 0.0

Formation : PBTD : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: RUNNING FIT TEST

Start	End	Hrs	Activity Description
06:00	16:30	10.5	RIG UP W/ TRUCKS. RAISE DERRICK AT 14:00 HRS. TRUCKS RELEASED AT 16:30 HRS.
16:30	18:00	1.5	RIG UP.
18:00	20:00	2.0	NIPPLE UP BOP AND PREPARE TO TEST. RIG ACCEPTED AT 18:00 HRS, 6/26/07.
20:00	01:30	5.5	TEST BOP'S W/ B&C QUICK TEST. UPPER AND LOWER KELLY VALVE, INSIDE BOP, SAFETY VALVE, PIPE RAMS AND INSIDE VALVES, PIPE RAMS AND OUTSIDE VALVES (HCR), OUTSIDE CHECK VALVE, CHOKELINE, ALL CHOKE MANIFOLD VALVES AND SURFACE CASING. ALL BOP TESTS 250 LOW AND 5000 HIGH. ANNULAR 250/2500. CASING 1500 PSI/30 MIN. RAN ACCUMULATOR FUNCTION TEST, ALL PRESSURES AND RECOVERY TIME WITHIN LIMITS.
01:30	04:00	2.5	INSTALL WEAR BUSHING AND PICKUP BIT AND BHA.
04:00	04:30	0.5	WORK ON STANDPIPE.
04:30	05:30	1.0	DRILL CEMENT/FLOAT EQUIP. FLOAT AT 490'.
05:30	06:00	0.5	SPOT HIGH VIS PILL AND RUN FIT TEST TO 11 PPG. EMW. NO ACCIDENTS OR INCIDENTS. SAFETY MEETING TOPICS: PICKING UP BHA, RIGGING UP. MUD WT. 8.3 WATER. FULL CREW. CHECK COM. BOP TEST. SHAKERS 120/120.

FUEL ON HAND 6732 RECEIVED 4000 USED 185.

06-28-2007 Reported By CARLOS ARRIETA

Daily Costs: Drilling \$52,328 Completion \$0 Daily Total \$52,328
 Cum Costs: Drilling \$218,341 Completion \$4,819 Well Total \$223,160

MD 3,331 TVD 3,331 Progress 2,766 Days 1 MW 9.3 Visc 33.0

Formation : PBTD : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: DRILLING AHEAD

Start	End	Hrs	Activity Description
06:00	06:30	0.5	PERFORM FIT TEST TO 11.5 PPG. EMW.
06:30	09:00	2.5	DRILLING F/ 565' TO 927' - WOB 15/18 - RPM 45 - M. MOTOR 96 RPM - 605 GPM
09:00	10:00	1.0	SURVEY @ 877' 1 DEG.
10:00	17:30	7.5	DRILLING F/ 927' TO 2016' - WOB 15/18 - RPM 45 - M. MOTOR 96 RPM - 605 GPM - 1500 PSI
17:30	18:00	0.5	RUN WIRE LINE SURVEY 1936' 1 DEG.
18:00	20:30	2.5	DRILLING F/ 2016' TO 2426' - WOB 15/22 - RPM 45 - M. MOTOR 96 RPM - 605 GPM - 1500 PSI - MUD 33 VIS - 9.00 PPG
20:30	21:00	0.5	RIG REPAIR, WORK SECOND GEAR CLUTCH
21:00	21:30	0.5	DRILLING F/ 2426' TO 2488'

21:30 23:00 1.5 RIG REPAIR, WORK ON # 2 MUD PUMP CHANGE PONY ROD
 23:00 03:00 4.0 DRILLING F/ 2488' TO 3017' - WOB 15/22 - RPM 45 - M. MOTOR 96 RPM - 605 GPM - 1500 PSI - MUD 33 VIS - 9.3 PPG
 03:00 03:30 0.5 SURVEY @ 2.940' DEV. 1.5 DEG.
 03:30 06:00 2.5 DRILLING F/ 3017' TO 3331' - WOB 15/22 - RPM 45 - M. MOTOR 96 RPM - 605 GPM - 1500 PSI - MUD 33 VIS - 9.3 PPG

NO ACCIDENTS OR INCIDENT
 SAFETY MEETING TOPICS: TOGS DIES
 FULL CREW
 FUEL USED 973 GALS ON HAND 5.759 GALS.
 MUD LOGER: 1 DAY
 FORMATION: GARDEN GULCH
 CONN. GAS 300/400U
 HIGH GAS 4683U

06:00 18.0 SPUD 7 7/8" HOLE AT 06:30 HRS. 6/27/07.

06-29-2007 Reported By CARLOS ARRIETA

Daily Costs: Drilling	\$170,138	Completion	\$1,620	Daily Total	\$171,758
Cum Costs: Drilling	\$388,479	Completion	\$6,439	Well Total	\$394,918
MD	4,522	TVD	4,522	Progress	1,191
				Days	2
				MW	9.5
				Visc	33.0

Formation : PBTB : 0.0 **Perf :** PKR Depth : 0.0

Activity at Report Time: TRIP IN HOLE W/ BIT#2

Start	End	Hrs	Activity Description
06:00	08:00	2.0	DRILLING F/ 3331' TO 3519' - WOB 20/28 - RPM 40/50 - M. MOTOR 96 RPM - PUMPS 605 GPM 1500/1990 PSI - MUD 33 VIS - 9.3 PPG
08:00	08:30	0.5	SERVICE RIG
08:30	17:30	9.0	DRILLING F/ 3519' TO 4276' WOB 25/30K - 60 RPM - 420 GPM - M. MOTOR 67 RPM - MW 9.1 VIS 34 PPG
17:30	18:00	0.5	RIG REPAIR, FIX FUEL LINE IN FLOOR MOTORS
18:00	02:00	8.0	DRILLING F/ 4276' TO 4522' WOB 25/30K - 60 RPM - 420 GPM - M. MOTOR 67 RPM - MW 9.0 VIS 34 PPG
02:00	02:30	0.5	CIRC. PUMP SLUG, DROP SURVEY
02:30	05:00	2.5	TRIP OUT HOLE FOR BIT #2
05:00	06:00	1.0	CHANGE BIT. CHECK REAMERS, FUNCTION TEST BOP

MUD WT. 9.0 / 33
 NO ACCIDENTS OR INCIDENT
 SAFETY MEETING TOPICS: SLEDGE HAMMERS
 FULL CREW
 FUEL USED 1196 GALS ON HAND 4563 GALS.
 MUD LOGER: DUSTIN TISSAW 2 DAYS
 FORMATION: DOUGLAS CREEK
 CONN. GAS 100 U
 HIGH GAS 1813U

06-30-2007 Reported By CARLOS ARRIETA

Daily Costs: Drilling	\$42,358	Completion	\$0	Daily Total	\$42,358
Cum Costs: Drilling	\$430,837	Completion	\$6,439	Well Total	\$437,276

MD 5.650 TVD 5.650 Progress 1.128 Days 3 MW 8.9 Visc 32.0
 Formation : PBTBTD : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: RIG UP LOGGING TOOLS

Start	End	Hrs	Activity Description
06:00	07:30	1.5	TRIP IN HOLE W/ BIT # 2
07:30	08:00	0.5	WASH 60 FT. TO BTTM. NO FILL
08:00	14:00	6.0	DRILLING F/ 4522' TO 5049' WOB 15/20K - 60 RPM - 420 GPM - M. MTOR 67 RPM - MW 9 VIS 33 PPG
14:00	14:30	0.5	SERVICE RIG
14:30	20:30	6.0	DRILLING F/ 5049' TO 5650' TD WOB 15/25K - 60 RPM - 420 GPM - M. MTOR 67 RPM - MW 9 VIS 33 PPG. REACHED TD AT 20:30 HRS. 6/29/07.
20:30	21:30	1.0	CIRCULATE COND. HOLE
21:30	22:30	1.0	SHORT TRIP 10 STDS. TO 4709'
22:30	00:30	2.0	CIRCULATE COND. HOLE FOR LOGS LOGGING TRUCK ON LOCATION @ 00:30 AM
00:30	03:30	3.0	TRIP OUT OF HOLE FOR LOGS
03:30	06:00	2.5	RIG UP SCHLUMBERGER LOGGING TOOLS TO RUN PEX LOG

NO ACCIDENTS OR INCIDENT
 SAFETY MEETING TOPICS: ELEVATORS
 BOP DRILL
 FULL CREW
 FUEL USED 973 GALS ON HAND 3590 GALS.
 MUD LOGGER: DUSTIN TISSAW DAY
 FORMATION: WASATCH @ 5550'
 CONN. GAS 700 U
 HIGH GAS 6101 U @ 5405'

07-01-2007 Reported By CARLOS ARRIETA

Daily Costs: Drilling \$77,517 Completion \$0 Daily Total \$77,517
 Cum Costs: Drilling \$508,354 Completion \$6,439 Well Total \$514,793

MD 5.650 TVD 5.650 Progress 0 Days 4 MW 9.1 Visc 33.0
 Formation : PBTBTD : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: RUN 5.5" CSG @ 1600'

Start	End	Hrs	Activity Description
06:00	16:00	10.0	RUN PLATFORM EXPRESS LOG & SONIC
16:00	17:30	1.5	LAY DOWN LOGGING TOOLS
17:30	20:00	2.5	TRIP IN HOLE TO 5634'
20:00	20:30	0.5	WASH 16' TO BTTM.
20:30	21:00	0.5	RIG SERVICE
21:00	22:00	1.0	CIRCULATE COND. HOLE RIG UP L/ MACHINE SAFETY MEETING
22:00	02:00	4.0	L/DN 4.5" DP & BHA, BREAK KELLY
02:00	04:00	2.0	RIG UP CSG CREW PULL WEAR RING SAFETY MEETING
04:00	06:00	2.0	RUN 5-1/2" 17# J55 LT&C CSG

NO ACCIDENTS OR INCIDENT

SAFETY MEETING TOPICS: L/DN. PIPE – RUN CSG
 BOP DRILL
 FULL CREW
 FUEL USED 673 GALS ON HAND 2917 GALS.
 MUD LOGER: DUSTIN TISSAW 4 DAY
 FORMATION: WASATCH @ 5550'
 CONN. GAS 0 U
 HIGH GAS 0 U @ 5405'

07-02-2007 Reported By CARLOS ARRIETA

Daily Costs: Drilling	\$43,667	Completion	\$104,870	Daily Total	\$148,537
Cum Costs: Drilling	\$552,021	Completion	\$111,309	Well Total	\$663,330
MD	5.650	TVD	5.650	Progress	0
		Days	5	MW	0.0
Formation :		PBTD :	0.0	Perf :	
				PKR Depth :	0.0

Activity at Report Time: RDRT/WO COMPLETION

Start	End	Hrs	Activity Description
06:00	08:30	2.5	RUN 5 1/2", 17#, J55, LTC CSG (SHOE @ 5619', COLLAR @ 5574', MARKER JNT @ 3594', 30 CENTRALIZERS)
08:30	09:00	0.5	R/UP CMT HEAD & CIRCULATE.
09:00	12:30	3.5	SCHLUMBER MIXED AND PUMPED CEMENT AS FOLLOWS: 20 BBLs CHEM WASH, 20 BBLs WATER, 137 BBLs LEAD SLURRY, HI LIFT "G" SLURRY WT. 11 PPG. (140 SX). FOLLOWED W/ 325 BBLs. TAIL SLURRY, 50/50 POZ "G" SLURRY WT. 14.1 PPG. (640 SX), DISPLACED W/ 130 BBLs. WATER. BUMPED PLUG W/ 2500 PSI, CHECKED FLOATS OK. 10 BBLs CEMENT TO SURFACE
12:30	14:30	2.0	NIPPLE DOWN BOP & CLEAN MUD TANKS.
14:30	06:00	15.5	RIGGING DOWN LAY DOWN DERRICK

FIELD TRANSFER FROM BW 61-16 TO GD 11-02 GR – 6 JTS CSG 5.5" # 17 J-55 LTC (245.47") + 3 MARKER JTS 5.5" # 17 J-55 LTC – FUEL TRANSFER: 2387 GALS.

NO ACCIDENTS OR INCIDENT
 SAFETY MEETING TOPICS: L/DN. DERRICK
 FULL CREW
 FUEL USED 530 GALS ON HAND 2387 GALS.
 MUD LOGER: DUSTIN TISSAW 5 DAYS
 RIG MOVE TO GILSONITE DRAW 11-02GR (43 MILES)

06:00 RIG RELEASED 14:30 HRS. 7/1/07.
 CASING POINT COST \$552,022

07-04-2007 Reported By SEARLE

Daily Costs: Drilling	\$0	Completion	\$25,590	Daily Total	\$25,590
Cum Costs: Drilling	\$552,021	Completion	\$136,899	Well Total	\$688,920
MD	5.650	TVD	5.650	Progress	0
		Days	6	MW	0.0
Formation :		PBTD :	5574.0	Perf :	
				PKR Depth :	0.0

Activity at Report Time: PREP FOR FRACS

Start	End	Hrs	Activity Description
			MIRU SCHLUMBERGER. LOG WITH RST/CBL/CCL/VDL/GR FROM PBTD TO 180'. EST CEMENT TOP ABOVE 180'. RD SCHLUMBERGER.

07-08-2007 Reported By MCCURDY

Daily Costs: Drilling	\$0	Completion	\$2,750	Daily Total	\$2,750
Cum Costs: Drilling	\$552,021	Completion	\$139,649	Well Total	\$691,670

MD	5.650	TVD	5.650	Progress	0	Days	7	MW	0.0	Visc	0.0
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Formation :	PBTD : 5574.0	Perf :	PKR Depth : 0.0
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Activity at Report Time: PREP FOR COMPLETION

Start	End	Hrs	Activity Description
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10:00	12:00	2.0	NU 5K 7-1/16" BOP'S. PRESSURE TESTED BOPE & CASING TO 4500 PSIG. PREP FOR COMPLETION.
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07-14-2007 Reported By MCCURDY

Daily Costs: Drilling	\$0	Completion	\$90,402	Daily Total	\$90,402
Cum Costs: Drilling	\$552,021	Completion	\$230,051	Well Total	\$782,073

MD	5.650	TVD	5.650	Progress	0	Days	8	MW	0.0	Visc	0.0
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Formation : GREEN RIVER	PBTD : 5574.0	Perf : 5342'-5540'	PKR Depth : 0.0
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Activity at Report Time: FLOW TEST

Start	End	Hrs	Activity Description
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06:00	06:00	24.0	RU CUTTERS WIRELINE. PERFORATED UTELAND BUTTE FROM 5476'-78', 5483'-85', 5512'-13', 5522'-23', 5532'-36' & 5538'-40' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 4171 GAL YF120ST+ PAD. 31655 GAL YF120ST+ WITH 87500# 20/40 SAND @ 1-6 PPG. MTP 2887 PSIG. MTR 25.3 BPM. ATP 2144 PSIG. ATR 24.5 BPM. ISIP 1600 PSIG. RD SCHLUMBERGER.
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RUWL. SET 10K CFP AT 5464'. PERFORATED UTELAND BUTTE FROM 5342'-43', 5364'-65', 5379'-80', 5384'-85', 5396'-97', 5401'-02', 5414'-15', 5420'-23', 5431'-32' & 5448'-49' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 4161 GAL YF120ST+ PAD, 37713 GAL YF120ST+ WITH 123140# 20/40 SAND @ 1-6 PPG. MTP 4021 PSIG. MTR 39.9 BPM. ATP 3010 PSIG. ATR 37.6 BPM. ISIP 2400 PSIG. RD SCHLUMBERGER.

FLOWED 12 HRS. OPEN CHOKE. FCP O PSIG. 14 BFPH. RECOVERED 585 BLW. 1394 BLWTR.

07-15-2007 Reported By MCCURDY

Daily Costs: Drilling	\$0	Completion	\$1,875	Daily Total	\$1,875
Cum Costs: Drilling	\$552,021	Completion	\$231,926	Well Total	\$783,948

MD	5.650	TVD	5.650	Progress	0	Days	9	MW	0.0	Visc	0.0
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Formation : GREEN RIVER	PBTD : 5574.0	Perf : 5342'-5540'	PKR Depth : 0.0
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Activity at Report Time: PREP TO MIRUSU

Start	End	Hrs	Activity Description
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06:00	15:00	9.0	FLOWED 8 HRS. OPEN CHOKE. FCP O PSIG. 0 BFPH. RECOVERED 42 BF. 1394 BLWTR. SI. WO RIG.
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07-17-2007 Reported By HAL IVIE

Daily Costs: Drilling	\$0	Completion	\$12,943	Daily Total	\$12,943
Cum Costs: Drilling	\$552,021	Completion	\$244,869	Well Total	\$796,891

MD	5.650	TVD	5.650	Progress	0	Days	10	MW	0.0	Visc	0.0
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Formation : GREEN RIVER	PBTD : 5574.0	Perf : 5342'-5540'	PKR Depth : 0.0
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Activity at Report Time: CLEAN OUT AFTER FRAC

Start	End	Hrs	Activity Description
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06:00	18:00	12.0	MIRUSU. RIH W/BIT & PUMP OFF BIT SUB ON 2-7/8" 6.5# J55 TBG TO 2800'. SDFN.
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07-18-2007 Reported By HAL IVIE

Daily Costs: Drilling \$0 Completion \$32,289 Daily Total \$32,289
 Cum Costs: Drilling \$552,021 Completion \$277,158 Well Total \$829,180

MD 5.650 TVD 5.650 Progress 0 Days 11 MW 0.0 Visc 0.0
 Formation : GREEN RIVER PBTd : 5574.0 Perf : 5342'-5540' PKR Depth : 0.0

Activity at Report Time: PREP TO LAND TBG

Start	End	Hrs	Activity Description
06:00	18:00	12.0	SICP 0 PSIG. RIH TO CFP @ 5465'. CLEANED OUT & DRILLED OUT CFP @ 5465'. CLEANED OUT TO PBTd @ 5574'. LIGHT SAND IN RETURNS. NO GAS OR OIL. POH. RIH W/PRODUCTION STRING TO 5529'. UNABLE TO LAND TBG. WRONG HANGER & TREE (2-3/8" INSTEAD OF 2-7/8"). SDFN.

07-19-2007 Reported By HAL IVIE

Daily Costs: Drilling \$0 Completion \$6,283 Daily Total \$6,283
 Cum Costs: Drilling \$552,021 Completion \$283,441 Well Total \$835,463

MD 5.650 TVD 5.650 Progress 0 Days 12 MW 0.0 Visc 0.0
 Formation : GREEN RIVER PBTd : 5574.0 Perf : 5342'-5540' PKR Depth : 0.0

Activity at Report Time: SWABBING

Start	End	Hrs	Activity Description
06:00	18:00	12.0	SITP & SICP 0 PSIG. SLIGHT VACUUM. ND BOP. LANDED TBG @ 5529' KB. BOTTOM PERF @ 5540' (34' RAT HOLE BELOW PERFS). NU BONNET & FULL OPENING VALVE.

RU TO SWAB. IFL @ 150'. MADE 33 RUNS. SWABBED FROM XN NIPPLE. RECOVERED 19 BO, 209 BW, LIGHT GAS. OIL CUT 8-9%. FINAL SWAB RATE 11-12 BFPH. SDFN.

TUBING DETAIL LENGTH

NOTCHED COLLAR 0.40'
 1 JT 2-7/8" 6.5# J-55 TBG 31.10'
 2-7/8" XN NIPPLE 1.10'
 177 JTS 2-7/8" 6.5# J-55 TBG 5482.98'
 BELOW KB 13.00'
 LANDED @ 5528.58' KB

07-20-2007 Reported By HAL IVIE

Daily Costs: Drilling \$0 Completion \$4,746 Daily Total \$4,746
 Cum Costs: Drilling \$552,021 Completion \$288,187 Well Total \$840,209

MD 5.650 TVD 5.650 Progress 0 Days 13 MW 0.0 Visc 0.0
 Formation : GREEN RIVER PBTd : 5574.0 Perf : 5342'-5540' PKR Depth : 0.0

Activity at Report Time: SWAB TEST

Start	End	Hrs	Activity Description
07:00	16:00	9.0	SITP 100 PSIG. SICP 100 PSIG. RU TO SWAB. IFL @ 1200'. MADE 29 RUNS. RECOVERED 102 BLW & 91 BO. FFL @ 3600' (SWABBING FROM XN NIPPLE). CP 250 PSIG. FINAL OIL CUT 90%. SDFN.

07-21-2007 Reported By HAL IVIE

Daily Costs: Drilling \$0 Completion \$4,746 Daily Total \$4,746
 Cum Costs: Drilling \$552,021 Completion \$292,933 Well Total \$844,955

MD 5.650 TVD 5.650 Progress 0 Days 14 MW 0.0 Visc 0.0
 Formation : GREEN RIVER PBTB : 5574.0 Perf : 5342'-5540' PKR Depth : 0.0

Activity at Report Time: SIFWE

Start	End	Hrs	Activity Description
07:00	16:00	9.0	SITP 100 PSIG. SICP 500 PSIG. RU TO SWAB. IFL @ 2800'. MADE 22 RUNS. RECOVERED 18 BLW & 161 BO. FFL @ 4200' (SWABBING FROM XN NIPPLE). CP 500 PSIG. FINAL OIL CUT 90%. SDFN.

07-24-2007 Reported By HAL IVIE

Daily Costs: Drilling	\$0	Completion	\$5,615	Daily Total	\$5,615
Cum Costs: Drilling	\$552,021	Completion	\$298,548	Well Total	\$850,570

MD 5.650 TVD 5.650 Progress 0 Days 15 MW 0.0 Visc 0.0
 Formation : GREEN RIVER PBTB : 5574.0 Perf : 5342'-5540' PKR Depth : 0.0

Activity at Report Time: WO FACILITIES

Start	End	Hrs	Activity Description
06:00	17:00	11.0	SICP 675 PSIG. SITP 250 PSIG. BLEW TBG DOWN. RU TO SWAB. IFL @ 2500'. SLOW GETTING IN HOLE THROUGH SET UP OIL. MADE 17 RUNS. RECOVERED 95 BO & 10 BW. 90% OIL CUT. WAITED 1 HR BETWEEN RUNS ON LAST 3. FINAL SWAB RATE 1/2 BFPH. FFL @ 4800'. CP 600 PSIG. SI. RDMOSU. WO FACILITIES.

FINAL COMPLETION DATE: 7/23/07

08-01-2007 Reported By HAL IVIE

Daily Costs: Drilling	\$0	Completion	\$11,051	Daily Total	\$11,051
Cum Costs: Drilling	\$552,021	Completion	\$309,599	Well Total	\$861,621

MD 5.650 TVD 5.650 Progress 0 Days 16 MW 0.0 Visc 0.0
 Formation : GREEN RIVER PBTB : 5574.0 Perf : 5342'-5540' PKR Depth : 0.0

Activity at Report Time: PICKING UP PRODUCTION ROD STRING. RDMOSU.

Start	End	Hrs	Activity Description
06:00	19:00	13.0	ROAD RIG & EQUIPMENT FROM PETES WASH 14-24 GR. MIRU (JOB #2). SICP 650 PSIG, SITP 125 PSIG. TOP KILLED WELL WITH HOT OIL TRUCK. PUMPED 90 BBL TFW DOWN TBG (GOOD GAS VOLUME). ND WH, NU BOP AND TBG EQUIPMENT. POOH W/2-7/8" PROD TBG. RIH W/2-7/8" PROD. TBG, RD TBG EQUIP. ND BOP. LAND TBG @ 5532.35' W/10K TENSION.

TUBING DETAIL LENGTH DEPTH

2 7/8" NC 0.40' 5531.95'
 1 JT 2-7/8" 6.5# J-55 TBG 31.10' 5500.85'
 2-7/8" PUMP SN 1.10' 5499.75'
 11 JTS 2-7/8" 6.5# J-55 TBG 341.46' 5158.29'
 2-7/8" TAC 2.77' 5155.52
 166 JTS 2-7/8" 6.5# J-55 TBG 5141.52' 14.00'
 10,000 LBS TENSION 1.00' STRETCH 13.00'
 BELOW KB 13.00' 00.00'
 LANDED @ 5532.35' KB

TOP OF PSN @ 5499.75', TOP OF TAC @ 5155.52', SET @ 5156.90'. LANDED TBG STRING W/FMC, KTH FLANGE. 7-1/16" 3K X 2-7/8" WITH SLIPS. SWI. SDFD.

08-02-2007 Reported By HAL IVIE

06:00 06:00 24.0 8/11/07 FLOWED 0 MCF, 45 BC & 22 BW IN 24 HRS ON 7/64" CHOKE, TP 88 PSIG & CP 88 PSIG.

8/12/07 FLOWED 3 MCF, 35 BC & 5 BW IN 24 HRS ON 7/64" CHOKE, TP 170 PSIG & CP 170 PSIG.

8/13/07 FLOWED 16 MCF, 63 BC & 30 BW IN 24 HRS ON 7/64" CHOKE, TP 190 PSIG & CP 212 PSIG.

08-14-2007 Reported By ROGER DART

Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0
Cum Costs: Drilling	\$552,021	Completion	\$315,292	Well Total	\$867,314

MD	5.650	TVD	5.650	Progress	0	Days	21	MW	0.0	Visc	0.0
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Formation : GREEN RIVER	PBTD : 5574.0	Perf : 5342'-5540'	PKR Depth : 0.0
--------------------------------	----------------------	---------------------------	------------------------

Activity at Report Time: ON SALES

Start End Hrs Activity Description

06:00 06:00 24.0 FLOWED 33 MCF, 50 BC & 23 BW IN 24 HRS ON 7/64" CHOKE, TP 190 PSIG & CP 195 PSIG.

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: ML-47000
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:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: Sheep Wash Unit
2. NAME OF OPERATOR: EOG Resources, Inc.		8. WELL NAME and NUMBER: Big Wash 61-16GR
3. ADDRESS OF OPERATOR: 1060 East Highway 40 CITY Vernal STATE UT ZIP 84078		9. API NUMBER: 43-013-33485
4. LOCATION OF WELL FOOTAGES AT SURFACE: 854' FNL & 618' FEL 39.948794 LAT 110.117067 LON		10. FIELD AND POOL, OR WILDCAT: Wildcat
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 16 10S 16E S		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 (Submit in Duplicate) Approximate date work will start: _____ <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input 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.

EOG Resources, Inc. respectfully requests permission to change the drilling plan for the referenced well as follows:

- 1. & 2. formations - Mahogany Oil Shale is a secondary objective
- 5. float Equipment/prod. hole - balance of casing to surface..." was 4 1/2" 11.6#, changed to 5 1/2" 17#
- 5. float equipment/prod. hole - marker joint to be 400' above Douglas Creek, NOT Garden Gulch
- 5. float equipment/prod. hole - ...every 2nd joint to 400' above Mahogany Oil Shale, NOT Garden Gulch
- 8. Evaluation/OH logs - Dipole Sonice logs will be run in addition to Schlumberger Platform Express: Open Hole Gamma Ray, Resistivity, and Neutron Porosity
- 9. Cement/Prod - Lead cement changed to 11.0 ppg, from 13.0ppg
- 9. cement/notes - Tail vol. calculated to 400' above the Mahogany Oil Shale, NOT Garden Gulch.

A revised drilling plan is attached.

COPY SENT TO OPERATOR
Date: 8-30-07
Initials: RM

NAME (PLEASE PRINT) <u>Kaylene R. Gardner</u>	TITLE <u>Sr. Regulatory Assistant</u>
SIGNATURE	DATE <u>6/22/2007</u>

(This space for State use only)

**APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING**

DATE: 8/30/07 (See Instructions on Reverse Side)

BY: D. Stiller
*Must conform w/ STATE/lease terms that potential production from oil/shale is allowed

**RECEIVED
JUN 25 2007**

DIV. OF OIL, GAS & MINING

EIGHT POINT PLAN

BIG WASH 61-16GR
NE/NE, SEC. 16, T10S, R16E, S.L.B.&M.
DUCHESNE COUNTY, UTAH

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	TVD-RKB (ft)	Objective	Lithology	
Uinta FM	surface			
Green River FM	1,148			
Mahogany Oil Shale Bed	2,318	Secondary		Oil
Garden Gulch MBR	3,093	Secondary		Oil / Gas
Middle Carb Bed	3,288			
Douglas Creek MBR	4,018	Secondary		Oil / Gas
Castle Peak MBR	4,893	Primary		Oil / Gas
Uteland Butte MBR	5,343	Secondary		Oil / Gas
Wasatch	5,543			
TD	5,650			

EST. TD: 5,650' or 200' ± below Wasatch Top

Anticipated BHP: 2,790 Psig

1. Fresh Waters may exist in the upper, approximately 1,000 ft ± of the Green River Formation, with top at about 2,000 ft ±.
2. Cement isolation is installed to surface of the well isolating all zones by cement.

3. PRESSURE CONTROL EQUIPMENT: Production Hole - 5,000 Psig
BOP Schematic Diagram attached.

4. CASING PROGRAM:

CASING	Hole Size	Length	Size	WEIGHT	Grade	Thread	Rating Collapse	Factor Burst	Tensile
Conductor	17 ½"	0 – 45'	13 ¾"	48.0#	H-40	STC	770 PSI	1730 PSI	322,000#
Surface	12 ¼"	0' – 500' KB±	9-5/8"	36.0#	J-55	STC	2020 PSI	3520 Psi	394,000#
Production	7-7/8"	Surface – TD	5-½"	17.0#	J-55	LTC	4910 PSI	5320 Psi	247,000#

All casing will be new or inspected.

EIGHT POINT PLAN

BIG WASH 61-16GR
NE/NE, SEC. 16, T10S, R16E, S.L.B.&M.
DUCHESNE COUNTY, UTAH

5. Float Equipment:

Surface Hole Procedure (0 - 500' ± Below GL):

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1 – 5-10' above shoe, every collar for next 3 joints (4 total).

Production Hole Procedure (500' ± - TD):

Float shoe, 1 joint casing, float collar and balance of casing to surface. 5½", 17.0#, J-55 or equivalent marker collars or short casing joints to be placed 400' above top of Douglas Creek. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 2nd joint to 400' above Mahogany Oil Shale. (15± total). Thread lock float shoe, top and bottom of float collar, and top of 2nd joint.

6. MUD PROGRAM:

Surface Hole Procedure (0 - 500' ± below GL):

Air/air mist or aerated water

Production Hole Procedure (500' ± - TD):

Anticipated mud weight 9.0 – 9.5 ppg depending on actual wellbore condition encountered while drilling.

500'± - TD A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

7. VARIANCE REQUESTS:

Reference: Onshore Oil and Gas Order No. 2 – Item E: Special Drilling Operations

EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. Due to reduce location excavation, the blooie line will be approximately 75' in length

EIGHT POINT PLAN

BIG WASH 61-16GR
NE/NE, SEC. 16, T10S, R16E, S.L.B.&M.
DUCHESNE COUNTY, UTAH

8. EVALUATION PROGRAM:

Logs: Mud log from base of surface casing to TD.
Open Hole Logs: Open Hole Logs will be run consisting of the following:
Schlumberger - Platform Express & DSI: Open Hole Gamma Ray, Resistivity, Neutron Porosity, Dipole Sonic

9. CEMENT PROGRAM:

Surface Hole Procedure (0-500' ± Below GL)

Lead: 185 sks Class 'G' cement with 2% S1 (CaCl₂) & 0.25 pps D29 (cellophane flakes), mixed at 15.8 ppg, 1.16 ft³/sk., 4.95 gps water.

Top Out: 207 sks Top out with Class 'G' cement with 2% S1 (CaCl₂) in mix water, 15.8 ppg, 1.16 ft³/sk., 4.95 gps via 1" tubing set at 25' if needed.

Install 6' x 4' cellar ring, drill rat and mouse holes with spud rig.

Note: **Cement volumes will be calculated to bring cement to surface.**

Production Hole Procedure (500' ± to TD)

Lead: 85 sks: Hi-Lift "G" + 12% D20 (Bentonite) + 1% D79 (Extender) + 0.25% D112 (Fluid Loss) + 0.2% D46 (Anti-foamer) + 5% D44 (Accelerator) + 0.125 pps D130 (LCM) mixed at 11.0 ppg, 3.98 ft³/sk, 25.25 gps water

Tail: 505 sks: 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1 ppg, 1.28 ft³/sk., 5.9gps water

Note: The above number of sacks is based on gauge-hole calculation.
Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe.
Tail volume to be calculated to bring cement to 400'± above top of Mahogany Oil Shale.

Final Cement volumes will be based upon gauge-hole plus 45% excess.

EIGHT POINT PLAN

BIG WASH 61-16GR
NE/NE, SEC. 16, T10S, R16E, S.L.B.&M.
DUCHESNE COUNTY, UTAH

10. ABNORMAL CONDITIONS:

Surface Hole (Surface - 500'±):

Lost circulation

Production Hole (500'± - TD):

Sloughing shales, lost circulation and key seat development are possible in the Garden Gulch Formation.

11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

12. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)

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: ML-47000
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		7. UNIT or CA AGREEMENT NAME:
		8. WELL NAME and NUMBER: Big Wash 61-16GR
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____	2. NAME OF OPERATOR: EOG Resources, Inc.	9. API NUMBER: 43-013-33485
3. ADDRESS OF OPERATOR: 600 17th St., Suite 1000N CITY Denver STATE CO ZIP 80202	PHONE NUMBER: (303) 824-5526	10. FIELD AND POOL, OR WILDCAT: Green River
4. LOCATION OF WELL FOOTAGES AT SURFACE: 854' FNL & 618' FEL 39.948794 LAT 110.117067 LON		COUNTY: Duchesne
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 16 10S 16E S.L.B. & M.		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 (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Continued completion</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

EOG Resources, Inc. continued completion on the subject well as follows:

1. Perforated the Douglas Creek from 4803-4804', 4807-4808', 4824-4826', 4829-4830', 4839-4841', 4845-4846', 4859-4861' & 4866-4868' w/ 3 spf. Fracture stimulated with 250 gals HCL; 41,118 gals gelled water and 114,600# 20/40 sand.

2. Perforated the Douglas Creek from 4620-4621', 4624-4625', 4631-4632', 4636-4638', 4641-4643', 4647-4648', 4651-4652', 4656-4657' & 4662-4663' w/ 3 spf. Fracture stimulated with 250 gals HCL; 38,514 gals gelled water and 121,000# 20/40 sand.

Returned well to sales on 10/17/2007.

NAME (PLEASE PRINT) <u>Mary A. Maestas</u>	TITLE <u>Regulatory Assistant</u>
SIGNATURE <u>Mary A. Maestas</u>	DATE <u>10/23/2007</u>

(This space for State use only)

RECEIVED
OCT 25 2007
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

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: ML-47000
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: Sheep Wash Unit
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: Big Wash 61-16GR
2. NAME OF OPERATOR: EOG Resources, Inc.		9. API NUMBER: 43-013-33485
3. ADDRESS OF OPERATOR: 600 17th St., Suite 1000N CITY Denver STATE CO ZIP 80202		PHONE NUMBER: (303) 824-5526
4. LOCATION OF WELL FOOTAGES AT SURFACE: 854' FNL & 618' FEL 39.948794 LAT 110.117067 LON		10. FIELD AND POOL, OR WILDCAT: Exploratory
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 16 10S 16E S.L.B. & M.		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 (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
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	<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 checked="" 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.

All material, debris, trash, and junk was removed from the location. The reserve pit was reclaimed. Stockpiled topsoil was spread over the pit area and broadcast seeded with the prescribed seed mixture. The seeded area was then walked down with a cat. Interim reclamation was completed on 5/24/2008.

NAME (PLEASE PRINT) <u>Mary A. Maestas</u>	TITLE <u>Regulatory Assistant</u>
SIGNATURE <u>Mary A. Maestas</u>	DATE <u>1/8/2009</u>

(This space for State use only)

RECEIVED

JAN 12 2009

DIV. OF OIL, GAS & MINING

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

ROUTING
 CDW

Change of Operator (Well Sold)

X - Operator Name Change

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

6/1/2010

FROM: (Old Operator): N9550-EOG Resources, Inc. 1060 E Highway 40 Vernal, UT 84078 Phone: 1 (435) 781-9111	TO: (New Operator): N3700-QEP Energy Company 1050 17th St, Suite 500 Denver, CO 80265 Phone: 1 (303) 308-3048
---	---

CA No.

Unit:

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	
BIG SPRING 3-36 GR	36	100S	150E	4301333168	16229	State	OW	S	C
PETES WASH U 14-24 GR	24	100S	160E	4301333202	16232	Federal	OW	S	C
PETES WASH U 13-06 GR	06	100S	160E	4301333203	16233	Federal	OW	S	C
GILSONITE 11-02GR	02	100S	150E	4301333483	16211	State	OW	S	C
BIG WASH 61-16GR	16	100S	160E	4301333485	16192	State	OW	S	C

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 8/19/2010
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 8/19/2010
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/24/2010
- Is the new operator registered in the State of Utah: Business Number: 764611-0143
- (R649-9-2) Waste Management Plan has been received on: Requested
- Inspections of LA PA state/fee well sites complete on: 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 not yet BIA not yet
- 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")** 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: 9/30/2010
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 9/30/2010
- Bond information entered in RBDMS on: 9/30/2010
- Fee/State wells attached to bond in RBDMS on: 9/30/2010
- Injection Projects to new operator in RBDMS on: 9/30/2010
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

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

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: ML 47000
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: BIG WASH 61-16GR
2. NAME OF OPERATOR: EOG Resources, Inc.	9. API NUMBER: 43013334850000
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Vernal, UT, 84078	PHONE NUMBER: 435 781-9111 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0854 FNL 0618 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 16 Township: 10.0S Range: 16.0E Meridian: S	9. FIELD and POOL or WILDCAT: WILDCAT 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: 6/1/2010	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input checked="" 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: 50px;" type="text"/>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

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

Please be advised that QEP Energy Company is considered to be the operator of the referenced well and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. The effective date of change is June 1, 2010. QEP Energy Company Bond #965010695. ✓

N 3700

APPROVED 9/130/2010
Earlene Russell
 Earlene Russell, Engineering Technician

NAME (PLEASE PRINT) Mickenzie Gates	PHONE NUMBER 435 781-9145	TITLE Operations Clerk
SIGNATURE N/A	DATE 8/19/2010	

Big Wash 61-16GR

Please be advised that QEP Energy Company is considered to be the operator of the referenced well and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. The effective date of change is June 1, 2010.

QEP Energy Company
1050 17th Street, Suite 500
Denver, CO 80265



Austin S. Murr
Vice President, Land & Business Development

Date 7/21/10

RECEIVED August 19, 2010

APPROVED 9/30/2010
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

RECEIVED August 19, 2010

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: ML 47000
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: KRAKEN (GR)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: BIG WASH 61-16GR	
2. NAME OF OPERATOR: QEP ENERGY COMPANY	9. API NUMBER: 43013334850000	
3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078	PHONE NUMBER: 303 308-3068 Ext	9. FIELD and POOL or WILDCAT: WILDCAT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0854 FNL 0618 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 16 Township: 10.0S Range: 16.0E Meridian: S	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: 10/29/2010	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input checked="" 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: 50px;" type="text"/>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

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

QEP Energy Company requests to deepen the above mentioned well and drill a dual lateral horizontal oil well within the Ute land Butte member of the Green River Formation. This is the unit obligation well for the Kraken Unit. No additional surface disturbance will be required for this action. A reserve pit will be constructed staying within the boundaries of the existing disturbance.

Bottom hole footages are: Lateral #1: 2400' FNL, 500' FWL, SENW, Sec.10, T10S, R16E, Federal Lease UTU-82698 TD: 9,184' MD Lateral #2: 660' FSL, 1100' FEL, SESE, Sec.16, T10S, R16E, Lease ML-47000. TD: 9,022' MD Please refer to attached documents.

Approved by the
 Utah Division of
 Oil, Gas and Mining

LAT #1 575814X
 4423385Y
 39.959098
 - 110.112383

LAT #2 575357X
 4421096Y
 39.938522
 - 110.118007

Date: 11-01-10
 By:

NAME (PLEASE PRINT) Jan Nelson	PHONE NUMBER 435 781-4331	TITLE Permit Agent
SIGNATURE N/A	DATE 10/4/2010	

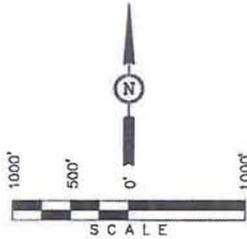
QEP ENERGY COMPANY

Well location, BIG WASH #61-16GR (HZ RE-ENTRY), located as shown in the NE 1/4 NE 1/4 of Section 16, T10S, R16E, S.L.B.&M., Duchesne County, Utah.

BASIS OF ELEVATION

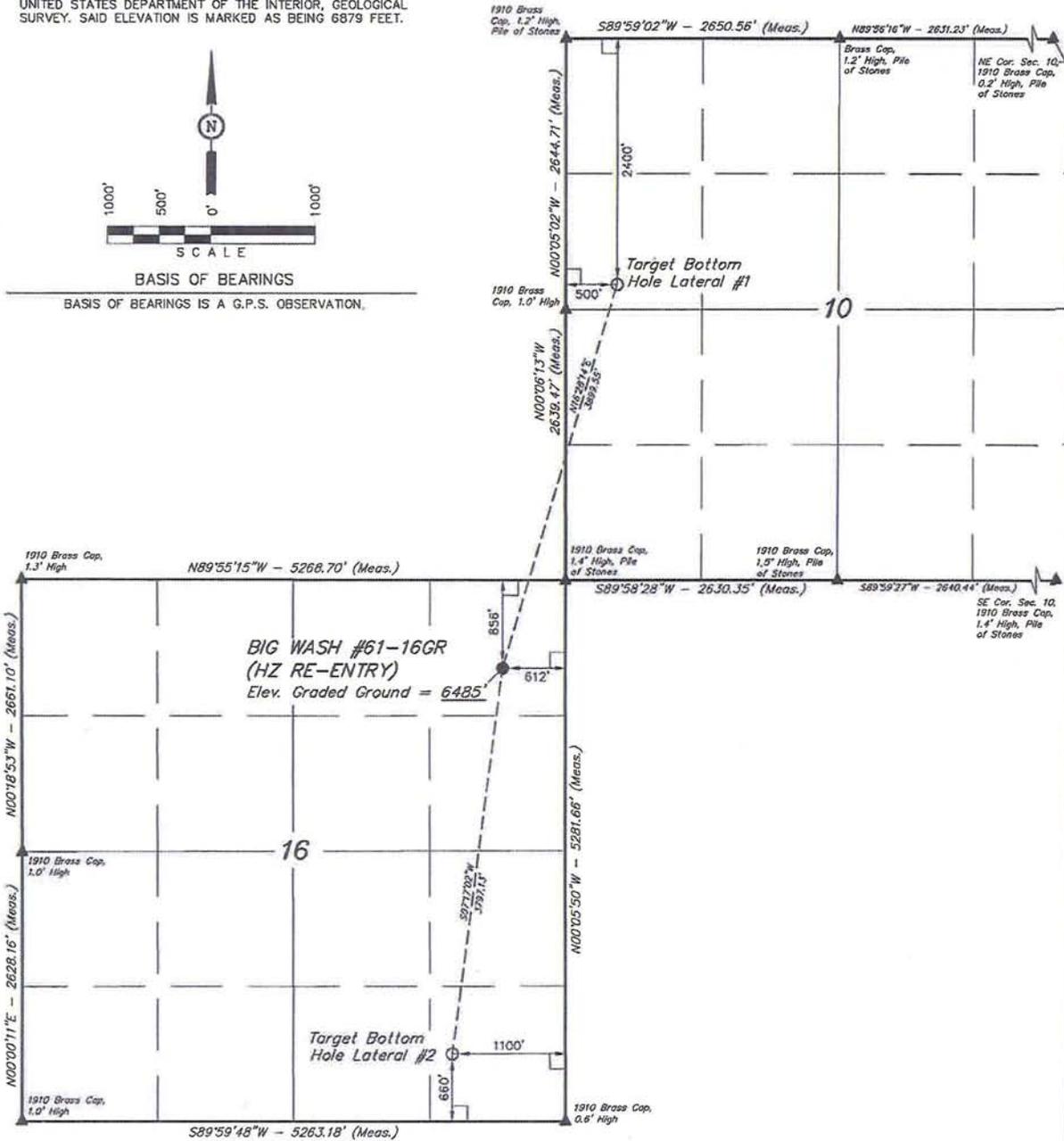
SPOT ELEVATION LOCATED AT A HILL TOP IN THE NW 1/4 OF SECTION 2, T11S, R16E, S.L.B.&M. TAKEN FROM THE WILKIN RIDGE QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6879 FEET.

T10S, R16E, S.L.B.&M.



BASIS OF BEARINGS

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



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE INFORMATION WAS PREPARED BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Robert Kay
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161319
 STATE OF UTAH

Revised: 09-09-10

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

SCALE 1" = 1000'	DATE SURVEYED: 08-24-10	DATE DRAWN: 08-25-10
PARTY D.R. A.W. K.C.	REFERENCES G.I.O. PLAT	FILE QEP ENERGY COMPANY
WEATHER WARM		

LEGEND:

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

NAD 83 (TARGET BOTTOM HOLE #1)	NAD 83 (TARGET BOTTOM HOLE #2)	NAD 83 (SURFACE LOCATION)
LATITUDE = 39°57'32.58" (39.959050)	LATITUDE = 39°57'18.43" (39.938453)	LATITUDE = 39°56'55.84" (39.948789)
LONGITUDE = 110°06'47.18" (110.113106)	LONGITUDE = 110°07'02.63" (110.118759)	LONGITUDE = 110°07'01.38" (110.117944)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 39°57'32.72" (39.959089)	LATITUDE = 39°56'18.36" (39.938489)	LATITUDE = 39°56'55.77" (39.948825)
LONGITUDE = 110°06'44.64" (110.112460)	LONGITUDE = 110°07'24.99" (110.118053)	LONGITUDE = 110°06'58.82" (110.116339)

RECEIVED October 04, 2010

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

October 6, 2010

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2010 Plan of Development Kraken Unit,
Duchesne County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following well is planned for re-entry and completion as a dual horizontal within the Kraken Unit, Duchesne County, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ GREEN RIVER)		
43-013-33485	BIG WASH	61-16GR 0854 FNL 0618 FEL Sec 16 T10S R16E
	Lateral #1	2400 FNL 0500 FWL Sec 10 T10S R16E
	Lateral #2	0660 FSL 1100 FEL Sec 16 T10S R16E

Please be advised that this is the second obligation well for the Kraken Unit. This office has no objection to permitting the well at this time.

Michael L. Coulthard

Digitally signed by Michael L. Coulthard
DN: cn=Michael L. Coulthard, o=Bureau of Land Management, ou=Branch of Minerals, email=Michael_Coulthard@blm.gov, c=US
Date: 2010.10.06 11:51:42 -0600

bcc: File - Kraken Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:10-6-10

QEP ENERGY COMPANY

BW 61-16 GR (43-013-33485) Re-Entry Dual Horizontal Well Summarized Procedure

1. MIRU pulling.
2. Remove all existing production equipment.
3. RIH with a casing scraper to 5,200'.
4. POOH. Set CIBP at 5,089'. Roll hole with hot oiler.
5. Test casing to 2,000 psi.
6. RDMO pulling unit.
7. MIRU drilling rig.
8. NU rig's 3,000 WP rated BOP. Test BOPE to rated pressure.
9. RIH with mill tooth bit and casing scraper.
10. Tag and confirm CIBP depth. Roll hole with hot oiler.
11. RIH with whipstock and orient to 16.5° azimuth and set at 5,080'.
12. Mill window.
13. Build curve at 16°/100, and land in the HP zone at ~5,628' MD / 5,427' TVD.
14. Drill NNE lateral in HP zone to 9,184' MD.
15. RIH with 3-1/2" 9.2# N-80 EUE liner/packer assembly per program.
16. Set TOL at 5,030'
17. Set RBP and whipstock at 4,980' and 187° azimuth.
18. Mill window.
19. Build curve at 13.5°/100', and land in the HP zone at ~5,667' MD / 5,407' TVD.
20. Drill SSW lateral in HP zone to 9,022' MD.
21. RIH with 3-1/2" 9.2# N-80 EUE liner/packer assembly per program.
22. Set TOL at 4,930'.
23. RDMO drilling rig. Wait on completions.

DRILLING PROGRAM

ONSHORE OIL & GAS ORDER NO. 1
Approval of Operations on Onshore
Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil & Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. **Formation Tops**

The estimated top of important geologic markers are as follows:

NNE Lateral #1:

<u>Formation</u>	<u>Depth, TVD</u>	<u>Depth, MD</u>
Green River	1,162'	1,162'
Kick Off Point	5,080'	5,080'
HP Lime	5,438'	5,628'
TD	5,580'	9,184'

SSW Lateral #2:

<u>Formation</u>	<u>Depth, TVD</u>	<u>Depth, MD</u>
Green River	1,162'	1,162'
Kick Off Point	4,980'	4,980'
HP Lime	5,407'	5,667'
TD	5,278'	9,022'

2. **Anticipated Depths of Oil, Gas, Water, and Other Mineral Bearing Zones**

The estimated depths at which the top and bottom of the anticipated water, oil, gas, or other mineral bearing formations are expected to be encountered are as follows:

NNE Lateral #1:

<u>Substance</u>	<u>Formation</u>	<u>Depth, TVD</u>	<u>Depth, MD</u>
Oil/Gas	HP Lime	5,420' - 5,428'	5,628' - 9,185'

SSW Lateral #2:

<u>Substance</u>	<u>Formation</u>	<u>Depth, TVD</u>	<u>Depth, MD</u>
Oil/Gas	HP Lime	5,420' - 5,428'	5,667' - 9,022'

All fresh water and prospectively valuable minerals encountered during drilling will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

ONSHORE OIL & GAS ORDER NO. 1
 QEP ENERGY COMPANY
 BW 61-16-GR (Re-Entry API#: 43-013-33485)

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Wonsits Valley water right A36125 (which was filed on May 7, 1964) or Red Wash water right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before 1989 is not depleting to the Upper Colorado River System, to supply fresh water for drilling purposes. All water resulting from drilling operations will be disposed of at Red Wash Central Battery Disposal site; SWSE, Section 27, T7S, R23E or Wonsits Valley Disposal Site; SWNW, Section 12, T8S, R21E.

3. Operator's Specification for Pressure Control Equipment

- A. 3,000 psi double gate, 3,000 psi annular (schematic attached)
- B. Function test daily.
- C. All casing strings shall be pressure tested (0.22 psi/ft or 1,500 psi, whichever is greater) prior to drilling the plug after cementing; test pressure shall not exceed the internal yield of the casing.
- D. Ram type preventers and associated equipment shall be tested to rated working pressure if isolated by a test plug or to 50% of the internal yield pressure of casing, whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil & Gas Order No. 2 for equipment and testing requirements, procedures, etc..., for a 3M system and individual components shall be operable as designed.

4. Casing Program

Hole Size	Casing Size	Top, MD	Bottom, MD	Weight, lb/ft	Grade	Thread	Condition	MW
20 "	14"	sfc	40'	Steel	Cond.	None	Existing	N/A
12 1/4"	9 5/8"	sfc	535'	36.0	J-55	STC	Existing	N/A
7 7/8"	5 1/2"	sfc	5,619'	17.0	J-55	LTC	Existing	N/A
4 3/4"	3 1/2"	See Below	See Below	9.2	N-80	EUE	New	8.5 – 9.5

Casing Strengths:				Collapse	Burst	Tensile (minimum)
9 5/8"	36.0 lb.	J-55	STC	2,020 psi	3,520 psi	394,000 lb.
5 1/2"	17.0 lb.	J-55	LTC	4,910 psi	5,320 psi	247,000 lb.

ONSHORE OIL & GAS ORDER NO. 1
 QEP ENERGY COMPANY
 BW 61-16-GR (Re-Entry API#: 43-013-33485)

The Laterals will be lined with casing.

NNE lateral #1:

Hole Size	Casing Size	Top,MD	Bottom, MD	Weight	Grade	MW (ppg)
4 3/4"	3 1/2"	5,030'	9,154'	9.2	N-80	8.5 – 9.5

SSW Lateral #2:

Hole Size	Casing Size	Top,MD	Bottom, MD	Weight	Grade	MW (ppg)
4 3/4"	3 1/2"	4,930'	8,992'	9.2	N-80	8.5 – 9.5

Casing Strengths:				Collapse	Burst	Tensile (minimum)
3 1/2"	9.2 lb.	N-80	EUE	10,530 psi	10,160 psi	207,200 lb.

Please refer to the attached wellbore diagram procedure for further details.

5. Cementing Program

20" Conductor:

Cement to surface with construction cement.

9-5/8" Surface Casing: sfc – 535' (MD) Existing. Cemented with 225 sx

5 1/2" Intermediate Casing: sfc – 5,603' (MD) Existing. Cemented with 780 sx

NNE Lateral #1: 5,030' – 9,154' (MD)

No cement, liner hung in open hole. Open hole packers and frac sleeves / sliding sleeves will be inserted in the liner string to provide for a semi-focused frac stimulation completion design.

SSW Lateral #2: 4,930' – 8,992' (MD)

No cement, liner hung in open hole. Open hole packers and frac sleeves / sliding sleeves will be inserted in the liner string to provide for a semi-focused frac stimulation completion design.

6. Auxilliary Equipment

- a. Kelly Cock – Yes
- b. Float at the bit – No

- c. Monitoring equipment on the mud system – visually and/or PVT or Flow Show
- d. Fully opening safety valve on the rig floor – Yes
- e. Rotating Head – Yes
- f. Request For Variance

Drilling of the laterals will be done with fresh water based mud systems consisting primarily of fresh water, bentonite, lignite, caustic, lime, soda ash, polymers, and NaCl/KCL. No chromates will be used. It is not intended to use oil in the mud, however, in the event it is used the concentration will be less than 4% by volume. Maximum anticipated mud weight is 9.5 ppg.

No minimum quantity of weight material will be required to be kept on location.

PVT/Flow show will be used upon exit of surface casing to TD.

Gas detector will be used upon exit of surface casing to TD.

7. Testing, Logging, and Coring Program

- a. Cores – None Anticipated
- b. DST – None Anticipated
- c. Logging:
 - i. Mud logging from casing exit to TD
 - ii. MWD-GR will be utilized during drilling operations to aid in landing the curve and maintaining the laterals within the desired zone.
- d. Formation and completion interval: Uteland Butte lime/dolomite. Final determination of completion will be made by analysis of mud logging data. Stimulation: stimulation will be designed for the particular area of interest encountered.

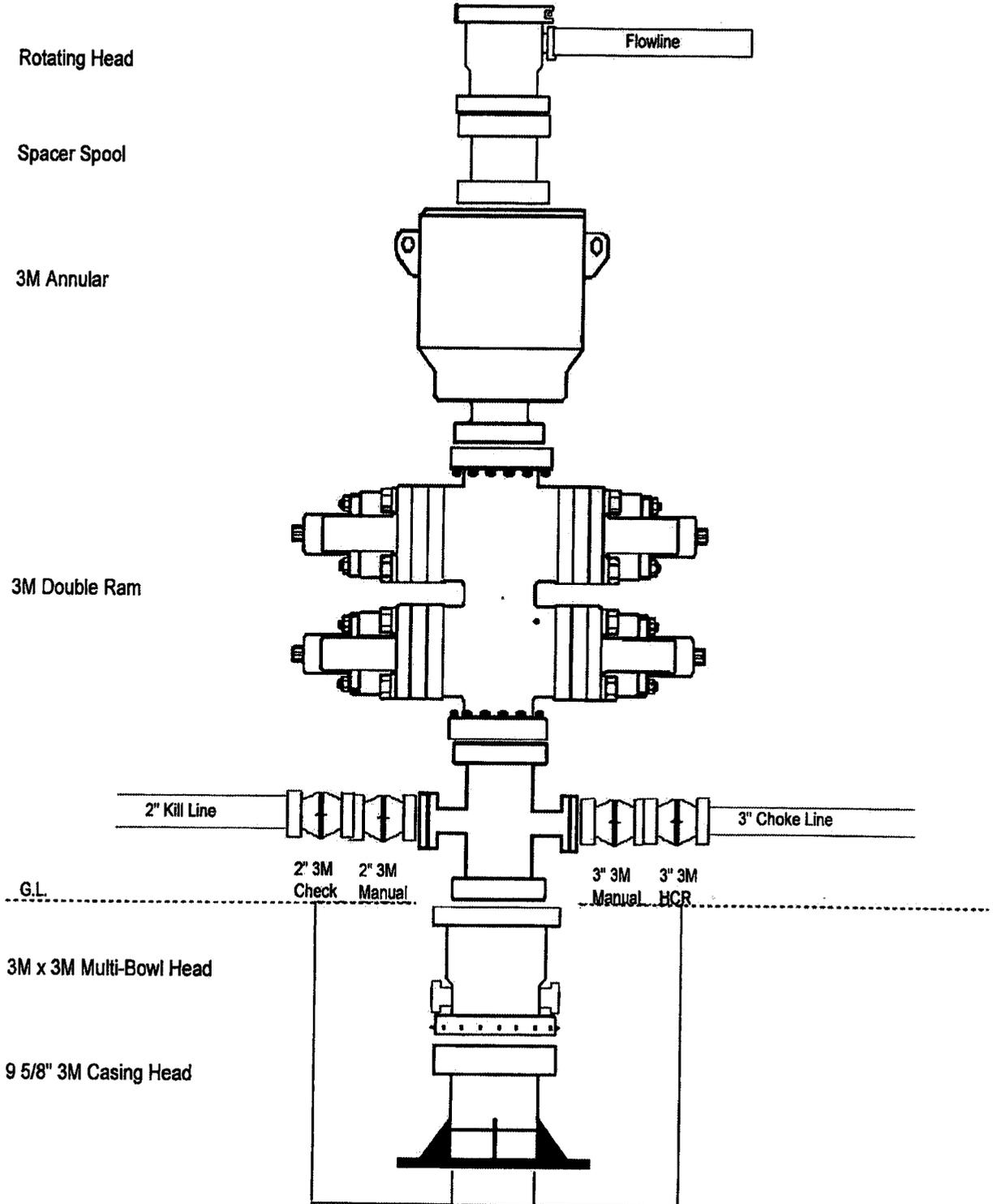
8. Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards

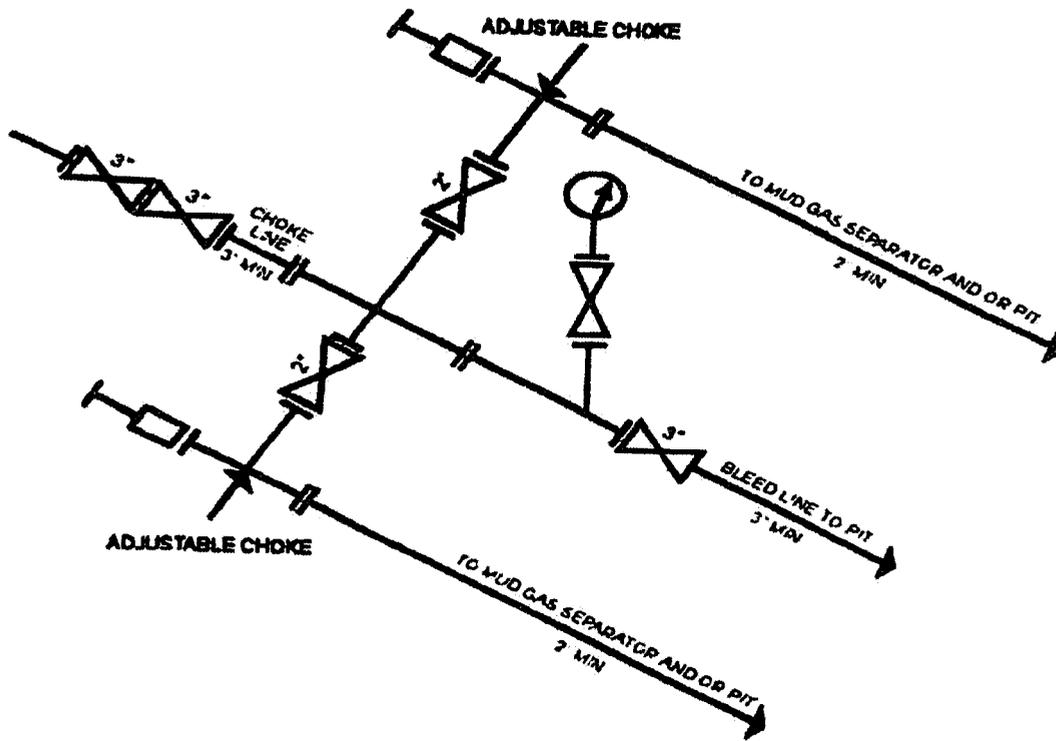
No abnormal temperatures or pressures are anticipated. No H₂S has been encountered or is known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom-hole pressure equals approximately 3,500 psi. Maximum anticipated bottom hole temperature is approximately 150°F.

*2717 psi @
0.052 psi/ft
To Jim Davidson
10/21/2010*

ONSHORE OIL & GAS ORDER NO. 1
BOP Schematic, 3M

3M BOP STACK





3M CHOKE MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY
 [54 FR 39528, Sept. 27, 1989]

BW 61-16GR

Updated 9-10-10 MPG

API # 43-013-33485

Proposed WBD

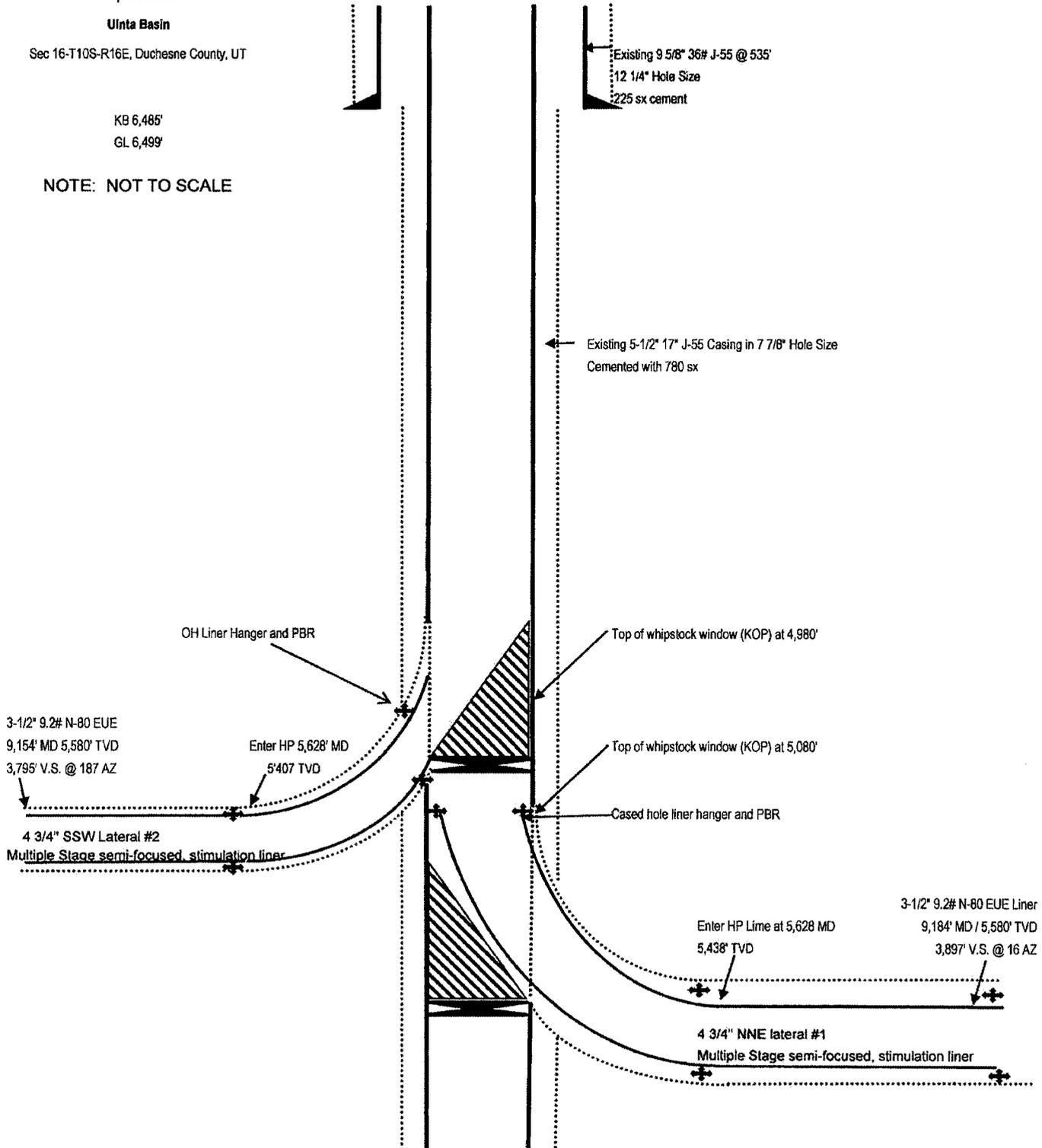
Uinta Basin

Sec 16-T10S-R16E, Duchesne County, UT

KB 6,485'

GL 6,499'

NOTE: NOT TO SCALE

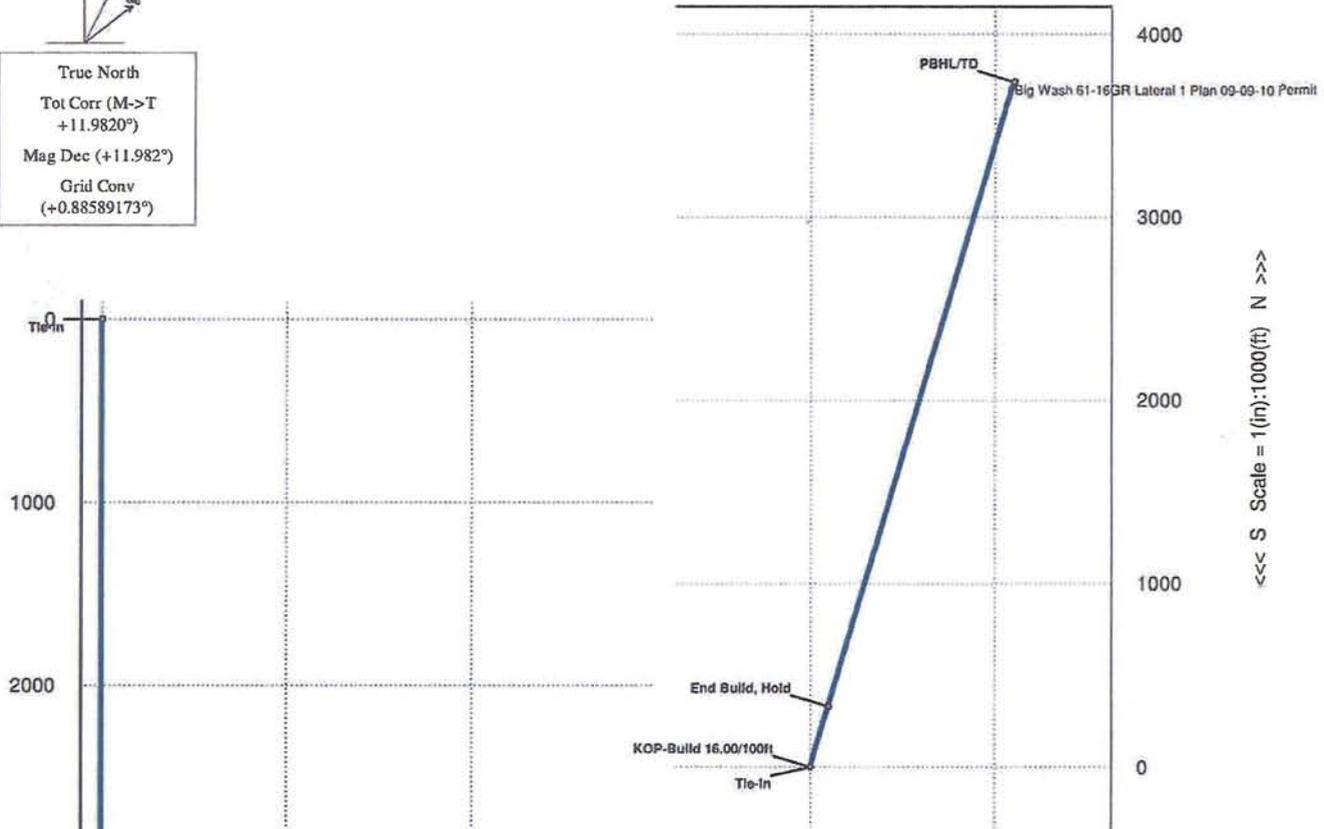




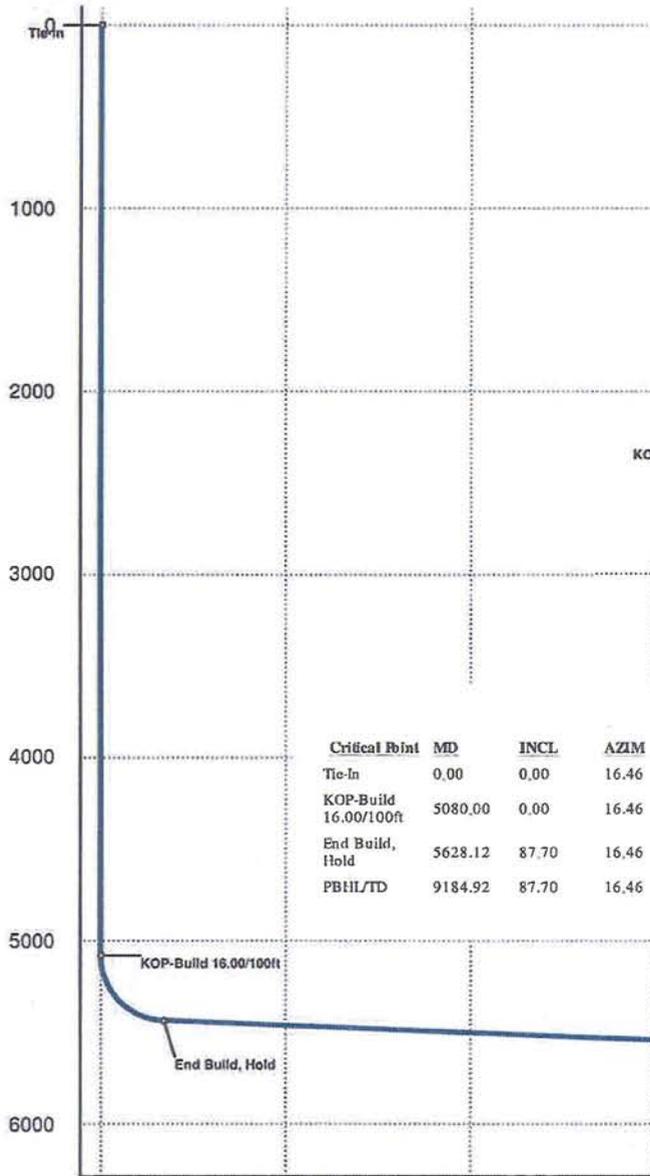
WELL	Big Wash 61-16GR	FIELD	Uinta	STRUCTURE	Big Wash
Magnetic Parameters Model: IGRN-2005	Dip: 65.829° Mag Dec: +11.982°	Date: September 09, 2010 P/S: S2737.8 n1	Surface Location Lat: N29 56 55.640 Lon: W110 7 1.350	NAD83 Utah State Planes, Central Zone, US Feet Northing: 7153067.31 RUS Easting: 202105.03 RUS Grid Conv: +0.88589173° Scale Fact: 0.999997867	Miscellaneous Stat: Big Wash 61-16GR Plan: Big Wash 61-16GR Lateral 1 Bay0209-18aSeptember 09, 2010 TVD Ref: KB (6498.60 ft above MSL)

True North
 Tot Corr (M->T)
 +11.9820°
 Mag Dec (+11.982°)
 Grid Conv
 (+0.88589173°)

<<< W Scale = 1(in):1000(ft) E >>>
0 1000



TVD Scale = 1(in):1000(ft)



Critical Point	MD	INCL	AZIM	Critical Points					
				TVD	VSEC	N(+)/S(-)	E(+)/W(-)	DLS	
Tie-In	0.00	0.00	16.46	0.00	0.00	0.00	0.00	0.00	
KOP-Build 16.00/100ft	5080.00	0.00	16.46	5080.00	0.00	0.00	0.00	0.00	
End Build, Hold	5628.12	87.70	16.46	5437.81	343.73	329.65	97.37	16.00	
PBHL/TD	9184.92	87.70	16.46	5580.55	3897.66	3737.98	1104.19	0.00	

Vertical Section (ft) Azim = 16.46°, Scale = 1(in):1000(ft) Origin = 0 N/-S, 0 E/-W



Big Wash 61-16GR Lateral 1 Plan 09-09-10 Permit Proposal

Report Date: September 9, 2010 Client: QEP ENERGY Field: Uinta Structure / Slot: Big Wash / Big Wash 61-16GR Well: Big Wash 61-16GR Borehole: Lat 1 - Re-enter UWI/API#: Survey Name / Date: Big Wash 61-16GR Lateral 1 Plan 09-09-10 Permit / September 9, 2010 Tort / AHD / DDI / ERD ratio: 87.702° / 3897.66 ft / 5.750 / 0.698 Grid Coordinate System: NAD83 Utah State Planes, Central Zone, US Feet Location Lat/Long: N 39 56 55.640, W 110 7 1.360 Location Grid N/E Y/X: N 7153067.307 RUS, E 2028105.030 RUS Grid Convergence Angle: +0.88589173° Grid Scale Factor: 0.99990079	Survey / DLS Computation Method: Minimum Curvature / Lubinski Vertical Section Azimuth: 16.460° Vertical Section Origin: N 0.000 ft, E 0.000 ft TVD Reference Datum: KB TVD Reference Elevation: 6498.8 ft relative to MSL Sea Bed / Ground Level Elevation: 6224.000 ft relative to MSL Magnetic Declination: 11.982° Total Field Strength: 52737.602 nT Magnetic Dip: 65.839° Declination Date: September 09, 2010 Magnetic Declination Model: IGRF 2005 North Reference: True North Total Corr Mag North -> True North: +11.982° Local Coordinates Referenced To: Well Head
---	--

Comments	Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	TVD (ft)	Vertical Section (ft)	NS (ft)	EW (ft)	DLS (deg/100 ft)	Northing (RUS)	Easting (ftUS)	Latitude	Longitude
Tie-In	0.00	0.00	16.46	0.00	0.00	0.00	0.00	0.00	7153067.31	2028105.03	N 39 56 55.640	W 110 7 1.360
KOP-Build 16.00/100ft	5080.00	0.00	16.46	5080.00	0.00	0.00	0.00	0.00	7153067.31	2028105.03	N 39 56 55.640	W 110 7 1.360
End Build, Hold	5628.12	87.70	16.46	5437.81	343.73	329.65	97.37	16.00	7153398.39	2028197.28	N 39 56 58.898	W 110 7 0.110
PBHL/TD	9184.92	87.70	16.46	5580.55	3897.66	3737.98	1104.19	0.00	7156821.53	2029151.19	N 39 57 32.580	W 110 6 47.180

Survey Type: Non-Def Proposal

Survey Error Model: SLB ISCWSA version 22 *** 3-D 95.00% Confidence 2.7955 sigma

Surveying Prog:

MD From (ft)

0.00
274.80

MD To (ft)

274.80
9184.92

EQU Freq Survey Tool Type

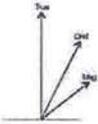
1/100.00 SLB_MWD-STD-Depth Only
1/100.00 SLB_MWD-STD

Borehole -> Survey

Lat 1 - Re-enter -> Big Wash 61-16GR Lateral 1 Plan 09-09-10 Permit
Lat 1 - Re-enter -> Big Wash 61-16GR Lateral 1 Plan 09-09-10 Permit

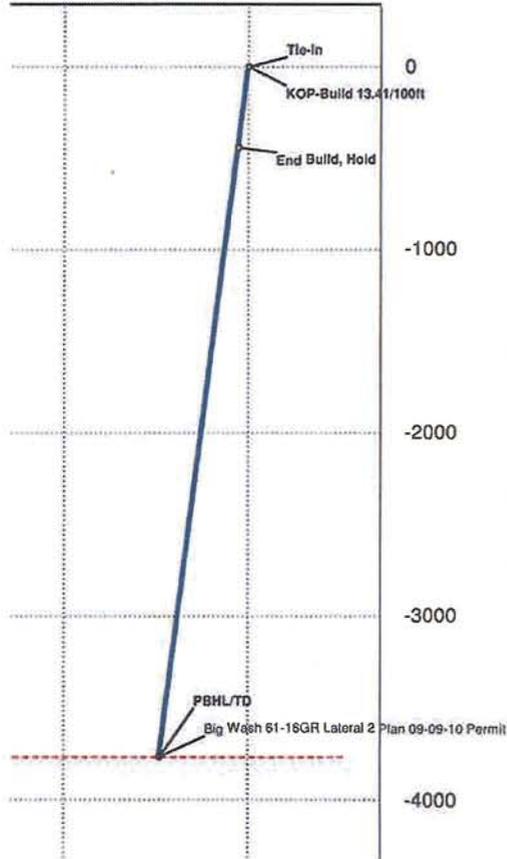


WELL Big Wash 61-16GR		FIELD Uinta	STRUCTURE Big Wash			
Magnetic Parameters Model: IGRF 2005		Op: 05 03° Mag Dec: +11.982°	Date: September 09, 2010 FS: S2737.6 nT	Surface Location Lat: N39 59 55.640 Lon: W110 71 1.360	NAD83 Utah State Plane, Central Zone, US Feet 7152007.31 RUS Northing: 2029105.03 RUS Easting: 0.999907867	Miscellaneous Sk: Big Wash 61-16GR Plan: Big Wash 61-16GR Lateral 2 TVD Ref: KB (0498.90 ft above NSL) Ray-Start-18@Summer 06, 2010



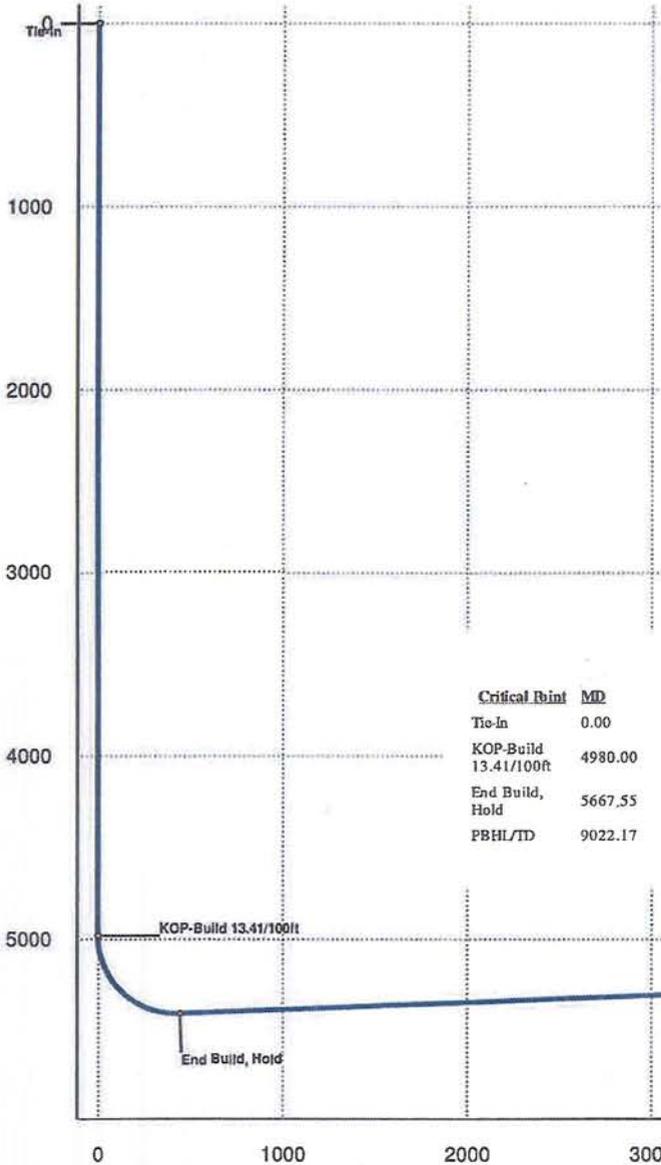
True North
Tot Corr (M->T
+11.982°)
Mag Dec (+11.982°)
Grid Conv
(+0.88589173°)

<<< W Scale = 1(in):1000(ft) E >>>
-1000 0



<<< S Scale = 1(in):1000(ft) N >>>

TVD Scale = 1(in):1000(ft)



Critical Point	MD	INCL	AZIM	TVD	YSEC	N(+)/S(-)	E(+)/W(-)	DLS
Tie-In	0.00	0.00	187.27	0.00	0.00	0.00	0.00	
KOP-Build 13.41/100ft	4980.00	0.00	187.27	4980.00	0.00	0.00	0.00	0.00
End Build, Hold	5667.55	92.20	187.27	5406.95	443.66	-440.09	-56.17	13.41
PBHL/TD	9022.17	92.20	187.27	5278.18	3795.82	-3765.27	-480.60	0.00

Vertical Section (ft) Azim = 187.27°, Scale = 1(in):1000(ft) Origin = 0 N-S, 0 E-W



Big Wash 61-16GR Lateral 2 Plan 09-09-10 Permit Proposal

Report Date: September 9, 2010 Client: QEP ENERGY Field: Uinta Structure / Slot: Big Wash / Big Wash 61-16GR Well: Big Wash 61-16GR Borehole: Lat 2 - Re-enter UWI/API#: Survey Name / Date: Big Wash 61-16GR Lateral 2 Plan 09-09-10 Permit / September 9, 2010 Tort / AHD / DDI / ERD ratio: 92.200° / 3795.82 ft / 5.766 / 0.702 Grid Coordinate System: NAD83 Utah State Planes, Central Zone, US Feet Location Lat/Long: N 39 56 55.640, W 110 7 1.360 Location Grid N/E Y/X: N 7153067.307 ftUS, E 2028105.030 ftUS Grid Convergence Angle: +0.88589173° Grid Scale Factor: 0.99990079	Survey / DLS Computation Method: Minimum Curvature / Lubinski Vertical Section Azimuth: 187.270° Vertical Section Origin: N 0.000 ft, E 0.000 ft TVD Reference Datum: KB TVD Reference Elevation: 6498.8 ft relative to MSL Sea Bed / Ground Level Elevation: 6224.000 ft relative to MSL Magnetic Declination: 11.982° Total Field Strength: 52737.602 nT Magnetic Dip: 65.839° Declination Date: September 09, 2010 Magnetic Declination Model: IGRF 2005 North Reference: True North Total Corr Mag North -> True North: +11.982° Local Coordinates Referenced To: Well Head
---	---

Comments	Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	TVD (ft)	Vertical Section (ft)	NS (ft)	EW (ft)	DLS (deg/100 ft)	Northing (ftUS)	Easting (ftUS)	Latitude	Longitude
Tie-In	0.00	0.00	187.27	0.00	0.00	0.00	0.00	0.00	7153067.31	2028105.03	N 39 56 55.640	W 110 7 1.360
KOP-Build 13.41/100ft	4980.00	0.00	187.27	4980.00	0.00	0.00	0.00	0.00	7153067.31	2028105.03	N 39 56 55.640	W 110 7 1.360
End Build, Hold	5667.55	92.20	187.27	5406.95	443.66	-440.09	-56.17	13.41	7152626.44	2028055.67	N 39 56 51.291	W 110 7 2.081
PBHL/TD	9022.17	92.20	187.27	5278.18	3795.82	-3765.27	-480.60	0.00	7149295.44	2027682.75	N 39 56 18.430	W 110 7 7.530

Survey Type: Non-Def Proposal

Survey Error Model: SLB ISCWSA version 22 *** 3-D 95.00% Confidence 2.7955 sigma

Surveying Prog:

MD From (ft)

0.00
274.80

MD To (ft)

274.80
9022.17

EOU Freq

1/100.00
1/100.00

Survey Tool Type

SLB_MWD-STD-Depth Only
SLB_MWD-STD

Borehole -> Survey

Lat 2 - Re-enter -> Big Wash 61-16GR Lateral 2 Plan 09-09-10 Permit
Lat 2 - Re-enter -> Big Wash 61-16GR Lateral 2 Plan 09-09-10 Permit

QEP ENERGY COMPANY
BIG WASH #61-16GR (HZ RE-ENTRY)
 LOCATED IN DUCHESNE COUNTY, UTAH
 SECTION 16, T10S, R16E, S.L.B.&M.

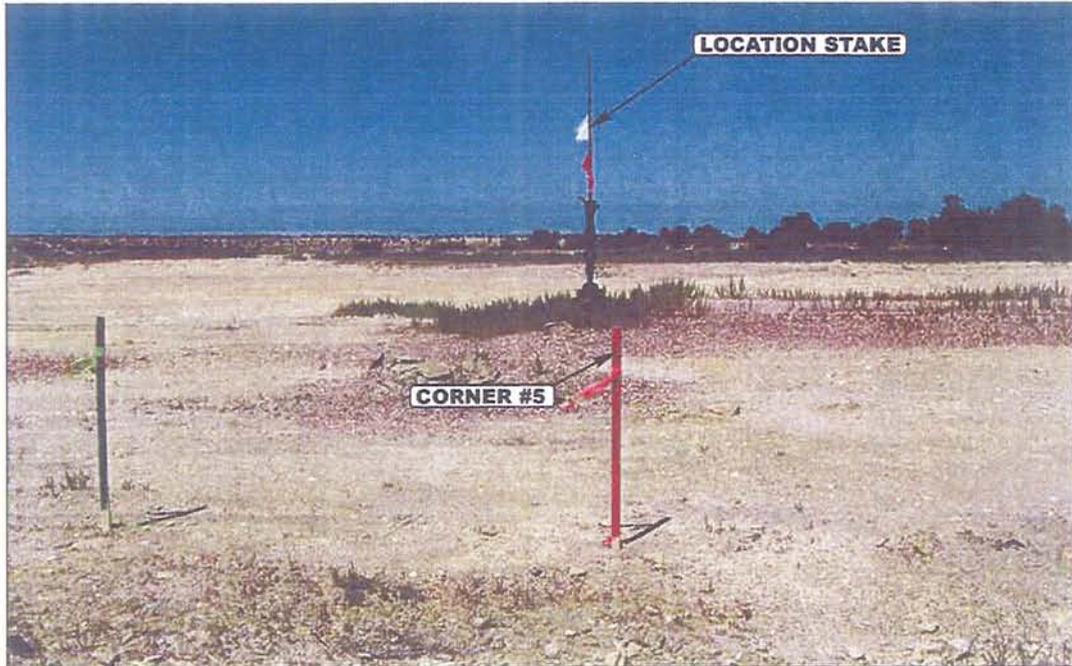


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHERLY

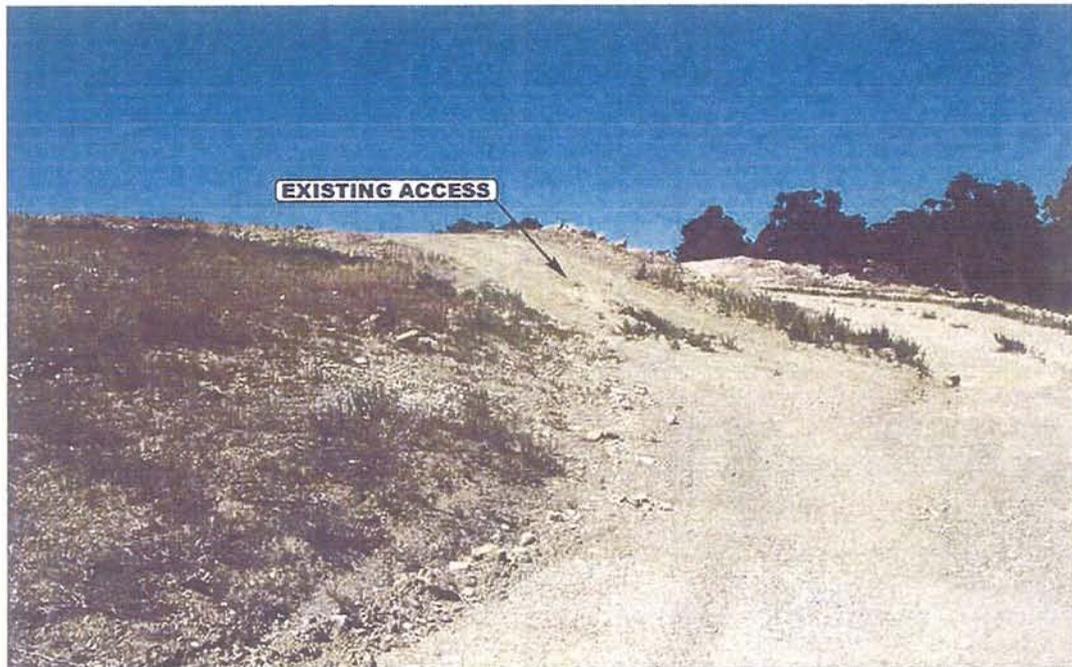


PHOTO: VIEW OF EXISTING ACCESS

CAMERA ANGLE: NORTHWESTERLY



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

LOCATION PHOTOS	08	25	10	PHOTO
TAKEN BY: D.R.	MONTH	DAY	YEAR	
DRAWN BY: J.J.	REVISED: 00-00-00			

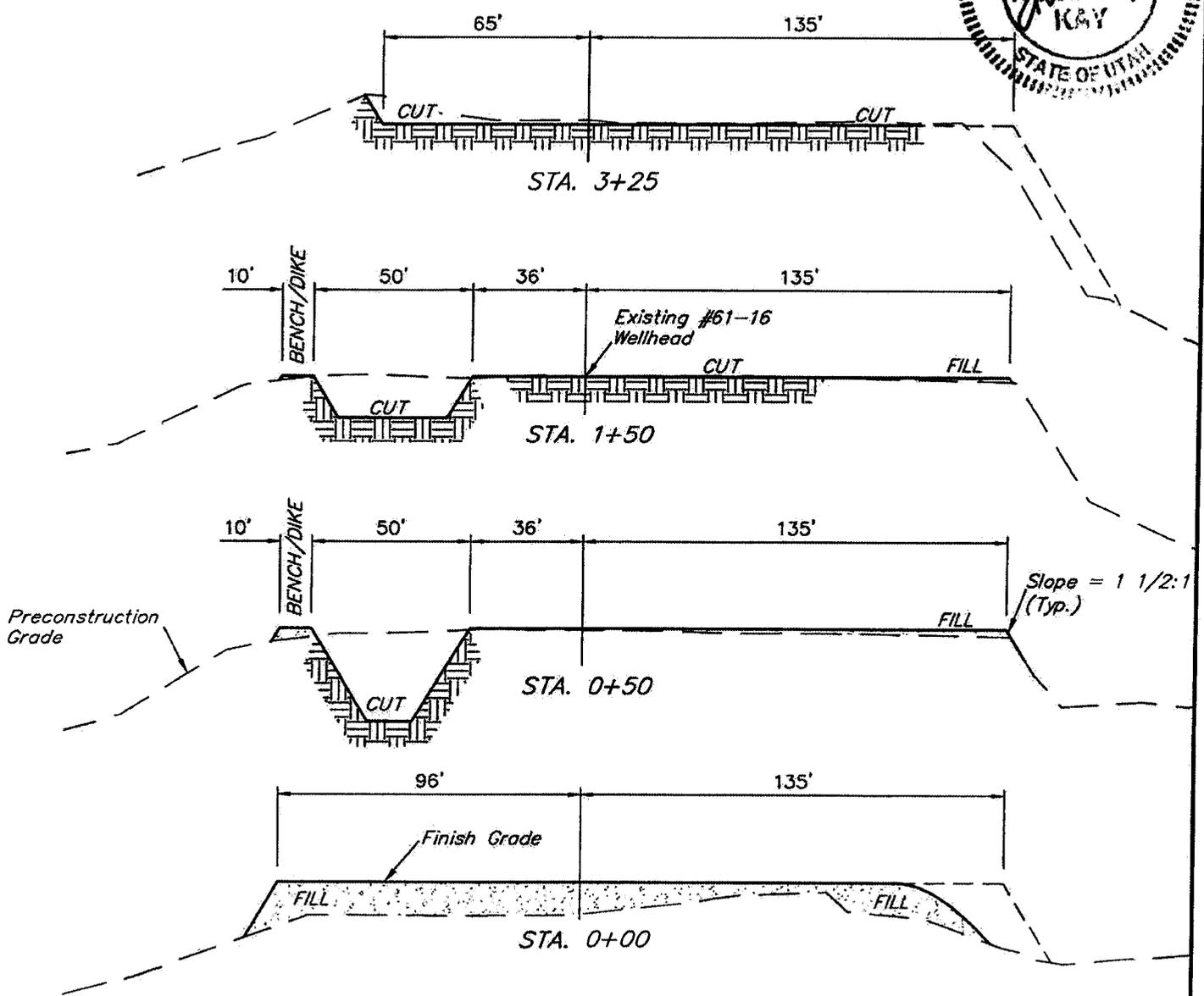
RECEIVED October 04, 2010

1" = 20'
 X-Section Scale
 1" = 50'

DATE: 08-25-10
 DRAWN BY: K.G.

QEP ENERGY COMPANY
 TYPICAL CROSS SECTION FOR
BIG WASH #61-16GR (HZ RE-ENTRY)
 SECTION 16, T10S, R16E, S.L.B.&M.
 856' FNL 612' FEL

FIGURE #2



APPROXIMATE ACREAGES
 PROPOSED WELL SITE = ± 3.103 ACRES
 (No New Disturbance)

* NOTE:
 FILL QUANTITY INCLUDES
 5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping (New Construction Only)	=	270 Cu. Yds.
Remaining Location	=	1,970 Cu. Yds.
TOTAL CUT	=	2,240 CU.YDS.
FILL	=	1,190 CU.YDS.

EXCESS MATERIAL	=	1,050 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	1,290 Cu. Yds.
DEFICIT UNBALANCE (After Interim Rehabilitation)	=	<240> Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
 85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

RECEIVED - October 04, 2010

QEP ENERGY COMPANY

FIGURE #3

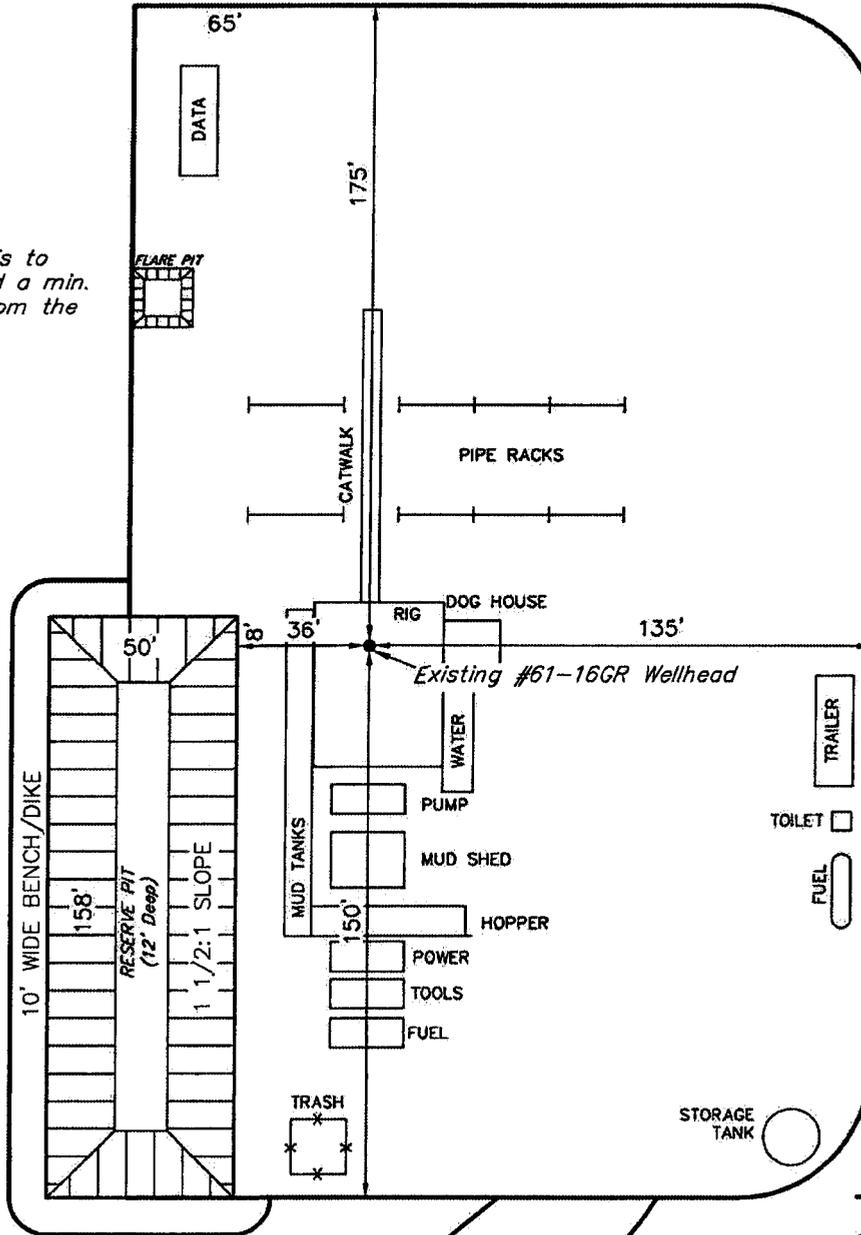
TYPICAL RIG LAYOUT FOR
 BIG WASH #61-16GR (HZ RE-ENTRY)
 SECTION 16, T10S, R16E, S.L.B.&M.
 856' FNL 612' FEL



SCALE: 1" = 50'
 DATE: 08-25-10
 DRAWN BY: K.G.



NOTE:
 Flare Pit is to be located a min. of 100' from the Well Head.



RESERVE PIT
 (12' Deep)
 Total Pit Capacity
 W/2' of Freeboard
 = 7,210 Bbls.±
 Total Pit Volume
 = 2,040 Cu. Yds

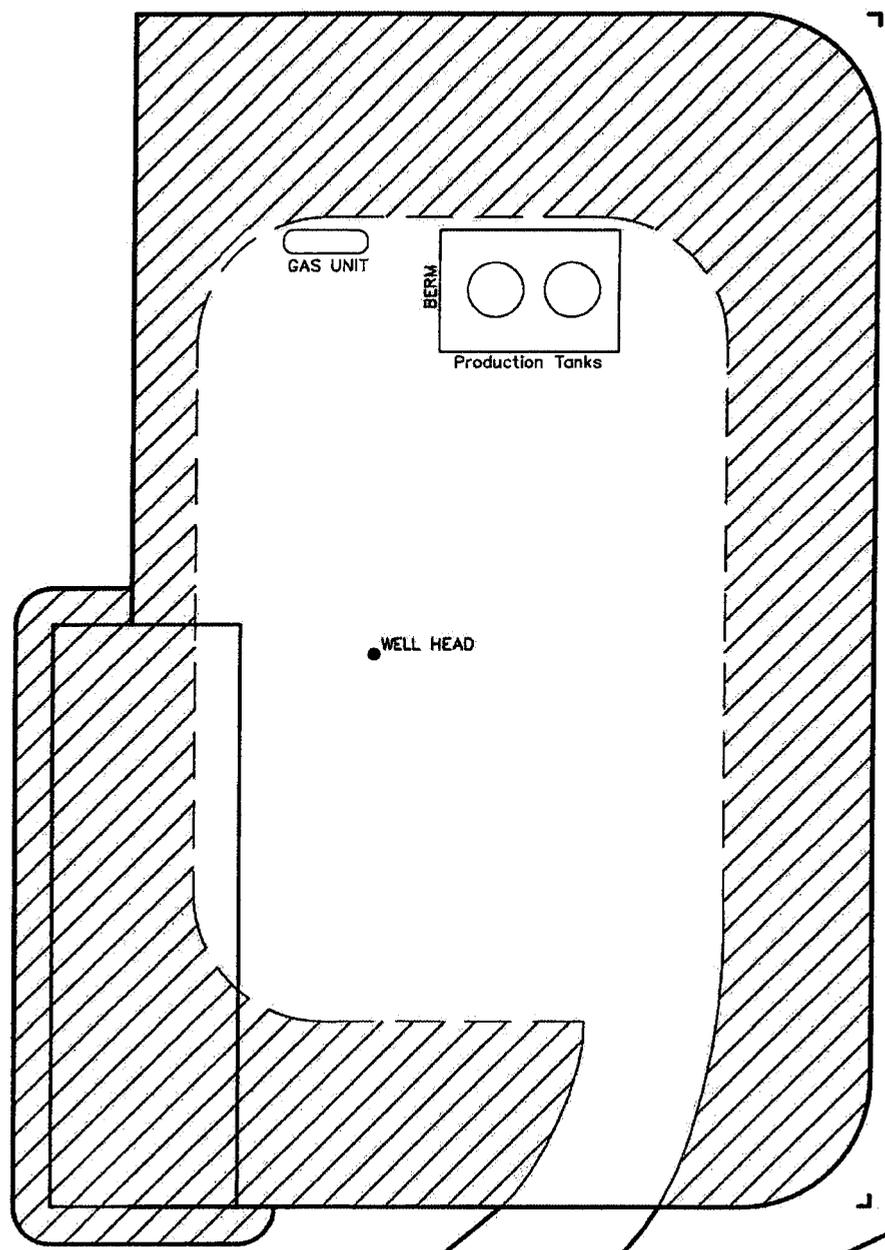
QEP ENERGY COMPANY

INTERIM RECLAMATION PLAN FOR
BIG WASH #61-16GR (HZ RE-ENTRY)
SECTION 16, T10S, R16E, S.L.B.&M.
856' FNL 612' FEL

FIGURE #4



SCALE: 1" = 50'
DATE: 08-25-10
DRAWN BY: K.G.



 INTERIM RECLAMATION

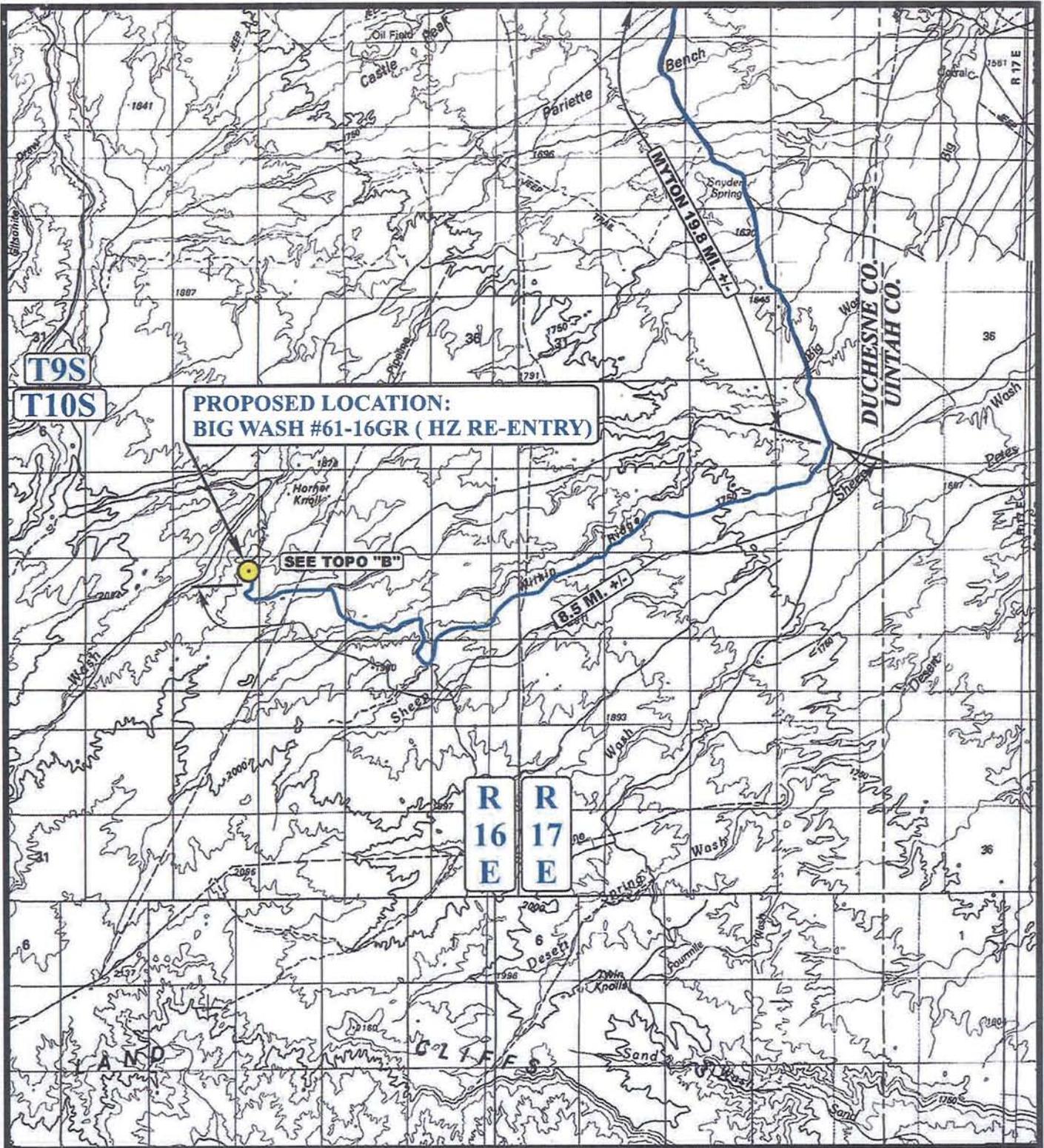
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RECEIVED October 04, 2010

QEP ENERGY COMPANY
BIG WASH #61-16GR (HZ RE- ENTRY)
SECTION 16, T10S, R16E, S.L.B.&M.

PROCEED IN A SOUTHWESTERLY DIRECTION FROM MYTON, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 1.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 1.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 9.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 6.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY, THEN NORTHWESTERLY DIRECTION APPROXIMATELY 8.5 MILES TO THE JUNCTION OF THIS ROAD AND THE BEGINNING OF THE EXISTING ACCESS TO THE NORTHWEST; TURN LEFT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 129' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM MYTON, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 28.3 MILES.



LEGEND:

PROPOSED LOCATION



QEP ENERGY COMPANY

**BIG WASH #61-16GR (HZ RE-ENTRY)
SECTION 16, T10S, R16E, S.L.B.&M.
856' FNL 612' FEL**



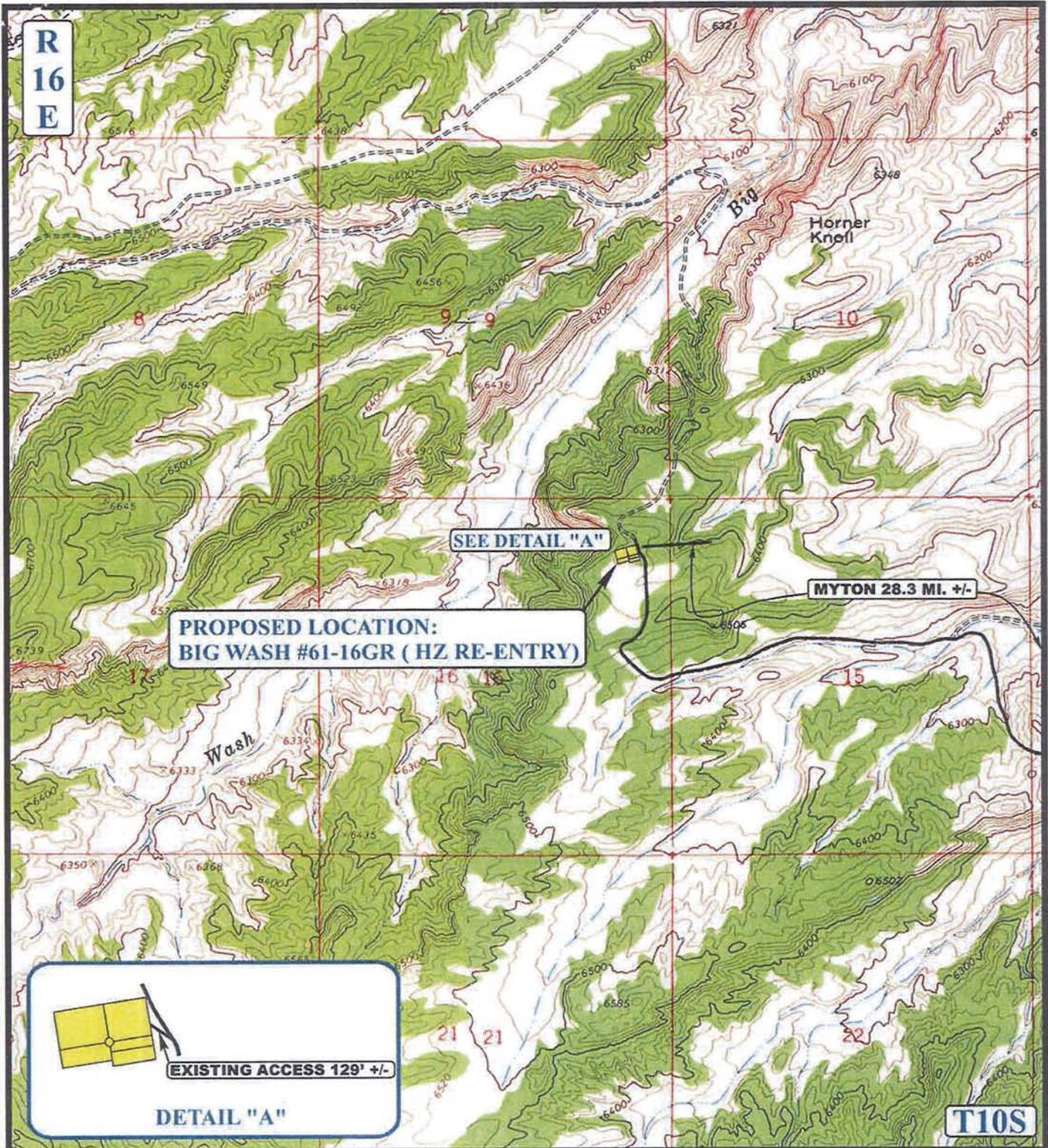
Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

**ACCESS ROAD
MAP**

08 25 10
MONTH DAY YEAR



SCALE: 1:100,000 DRAWN BY: J.J. REVISED: 00-00-00



LEGEND:

-  EXISTING ROAD
-  PROPOSED ACCESS ROAD



QEP ENERGY COMPANY

**BIG WASH #61-16GR (HZ RE-ENTRY)
SECTION 16, T10S, R16E, S.L.B.&M.
856' FNL 612' FEL**



Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
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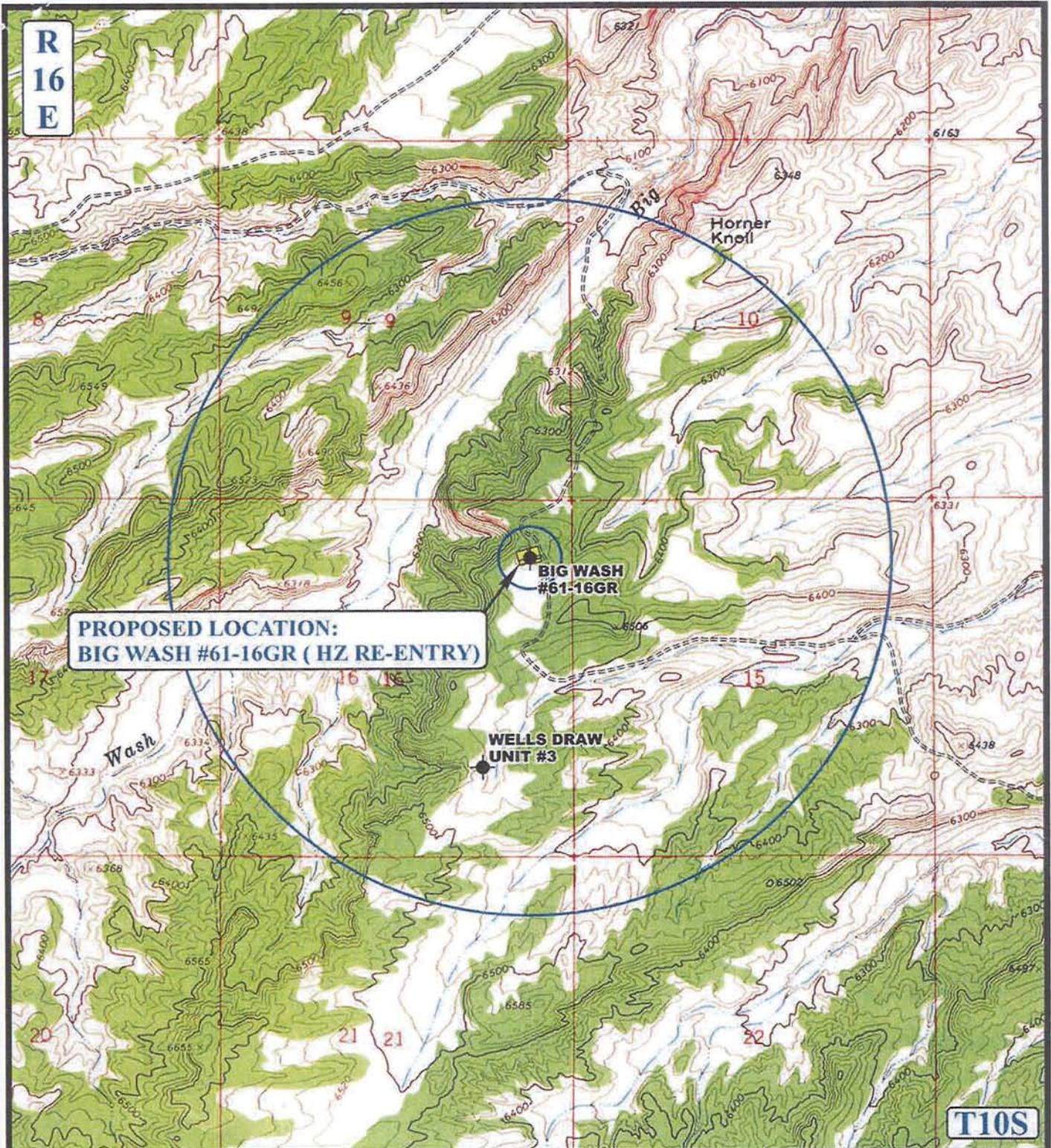
**ACCESS ROAD
MAP**

08 25 10
MONTH DAY YEAR



SCALE: 1" = 2000' DRAWN BY: J.J. REVISED: 00-00-00

R
16
E



**PROPOSED LOCATION:
BIG WASH #61-16GR (HZ RE-ENTRY)**

T10S

LEGEND:

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



QEP ENERGY COMPANY

**BIG WASH #61-16GR (HZ RE-ENTRY)
SECTION 16, T10S, R16E, S.L.B.&M.
856' FNL 612' FEL**



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

**TOPOGRAPHIC
MAP**

08 25 10
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: J.J. REVISED: 00-00-00



BOPE REVIEW

Questar BW 61-16-GR Lateral #1 API 43-013-33485-0001

Well Name	Questar BW 61-16-GR Lateral #1 API 43-013-33485-0001		
	String 1	String 2	String 3
Casing Size (")	9 5/8	5 1/2	3 1/2
Setting Depth (TVD)	535	5619	5580
Previous Shoe Setting Depth (TVD)	40	535	5619
Max Mud Weight (ppg)	8.33	9.5	9.5
BOPE Proposed (psi)	500	5000	3000
Casing Internal Yield (psi)	3520	5320	10160
Operators Max Anticipated Pressure (psi)	2717		9.4 ppg

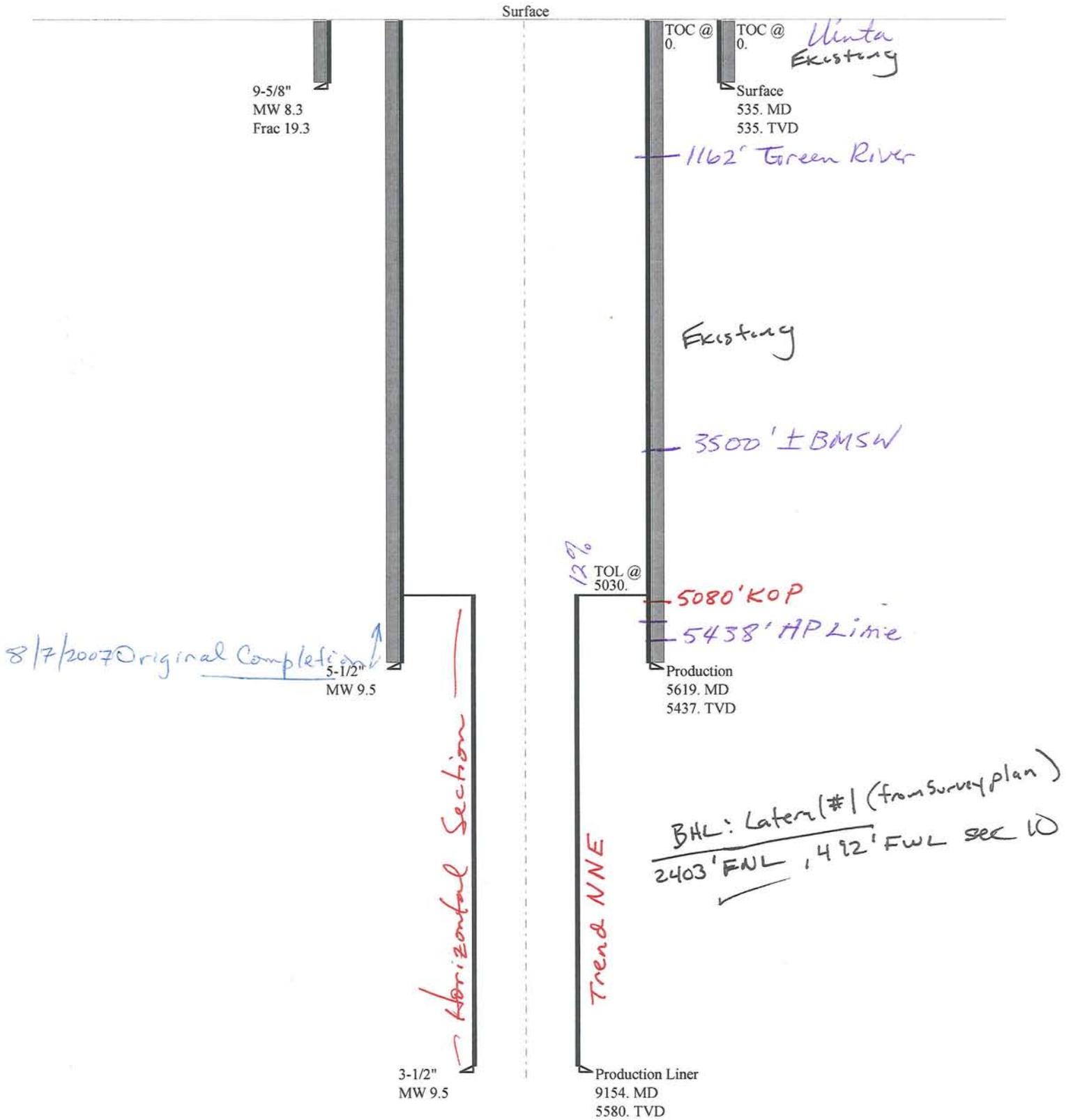
Calculations	String 1	9 5/8 "	
Max BHP [psi]	.052*Setting Depth*MW =	232	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	168	YES
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	114	YES <i>Existing</i>
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	123	NO
Required Casing/BOPE Test Pressure		535 psi	
*Max Pressure Allowed @ Previous Casing Shoe =		40 psi	*Assumes 1psi/ft frac gradient

Calculations	String 2	5 1/2 "	
Max BHP [psi]	.052*Setting Depth*MW =	2776	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	2102	YES
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	1540	YES <i>Existing</i>
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	1657	NO
Required Casing/BOPE Test Pressure		3000 psi	
*Max Pressure Allowed @ Previous Casing Shoe =		535 psi	*Assumes 1psi/ft frac gradient

Calculations	String 3	3 1/2 "	
Max BHP [psi]	.052*Setting Depth*MW =	2757	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	2087	YES
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	1529	YES
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	2765	YES ✓
Required Casing/BOPE Test Pressure		3000 psi	
*Max Pressure Allowed @ Previous Casing Shoe =		5320 psi	*Assumes 1psi/ft frac gradient

43013334850001 BW 61-16-GR

Casing Schematic



BOPE REVIEW

Questar BW 61-16-GR Lateral #2 API 43-013-33485-0002

Well Name	Questar BW 61-16-GR Lateral #2 API 43-013-33485-0002		
	String 1	String 2	String 3
Casing Size (")	9 5/8	5 1/2	3 1/2
Setting Depth (TVD)	535	5619	5573
Previous Shoe Setting Depth (TVD)	40	535	5619
Max Mud Weight (ppg)	8.33	9.5	9.5
BOPE Proposed (psi)	500	5000	3000
Casing Internal Yield (psi)	3520	5320	10160
Operators Max Anticipated Pressure (psi)	2717		9.4 ppg

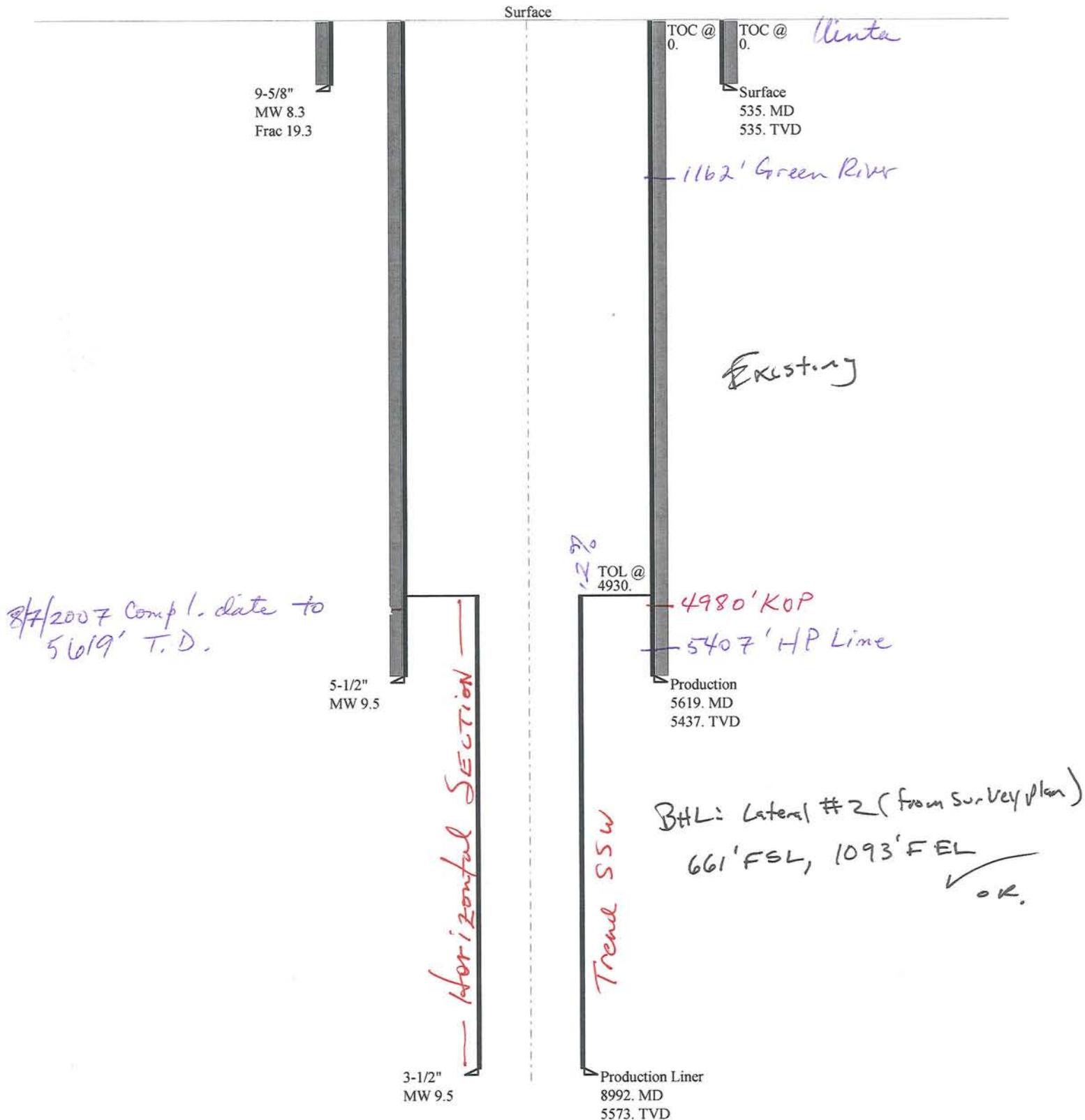
Calculations	String 1	9 5/8 "	
Max BHP [psi]	.052*Setting Depth*MW =	232	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	168	YES
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	114	YES <i>Existing</i>
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	123	NO
Required Casing/BOPE Test Pressure		535 psi	
*Max Pressure Allowed @ Previous Casing Shoe =		40 psi	*Assumes 1psi/ft frac gradient

Calculations	String 2	5 1/2 "	
Max BHP [psi]	.052*Setting Depth*MW =	2776	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	2102	YES
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	1540	YES <i>Existing</i>
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	1657	NO
Required Casing/BOPE Test Pressure		3000 psi	
*Max Pressure Allowed @ Previous Casing Shoe =		535 psi	*Assumes 1psi/ft frac gradient

Calculations	String 3	3 1/2 "	
Max BHP [psi]	.052*Setting Depth*MW =	2753	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	2084	YES
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	1527	YES ✓
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	2763	YES ✓
Required Casing/BOPE Test Pressure		3000 psi	
*Max Pressure Allowed @ Previous Casing Shoe =		5320 psi	*Assumes 1psi/ft frac gradient

43013334850002 BW 61-16-GRlat2

Casing Schematic



**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 10/04/2010

API NO. ASSIGNED: 43-013-33485

WELL NAME: BIG WASH 61-16GR

OPERATOR: QEP ENERGY COMPANY (N3700)

PHONE NUMBER: 435-781-4331

CONTACT: JAN NELSON

PROPOSED LOCATION:

NENE 16 100S 160E

SURFACE: 0856 FNL 0612 FEL

Sec 10 BOTTOM: 2400 FNL 0500 FWL LAT#1 SWNW - Lease U+U
 Sec. 16 0660 FSL 1100 FEL LAT#2 SESE 82698

COUNTY: DUCHESNE

LATITUDE: 39.94880 LONGITUDE: -110.11630

UTM SURF EASTINGS: 575491 NORTHINGS: 4422238

FIELD NAME: WILDCAT (1)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DKD	11/1/10
Geology		
Surface		

LEASE TYPE: 3 - State

LEASE NUMBER: ML 47000

SURFACE OWNER: 3 - State

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[] Ind[] Sta[] Fee[]
(No. 965010695)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 49-2153)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

- R649-2-3. ** Horizontal*
- Unit: KRAKEN (GR)
- R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____
- R649-3-11. Directional Drill

COMMENTS: _____

STIPULATIONS: 1. Federal Approval
2. Spacing Strip

WELLS DRAW 53-08GR
4301333526

BIG WASH 50-09GR
4301333513

BIG WASH 51-09GR
4301333545

BIG WASH 47-10GR
4301333533

BIG WASH 61-16GR
4301333485

BW 5G-16-10-16
4301350416

WELLS DRAW UNIT 3
4301310756

BIG WASH 62-15GR
4301333523

KRAKEN (GR) UNIT

T 10 S R 16 E

LAT# 1

LAT# 2

API Number: 4301333485

Well Name: BIG WASH 61-16GR

Township 10.0 S Range 16.0 E Section 16

Meridian: SLBM

Operator: QEP ENERGY COMPANY

Map Prepared:

Map Produced by Diana Mason

Units	Wells Query
STATUS	✗ -not other values
ACTIVE	◆ APD - Approved Permit
EXPLORATORY	○ DRL - Spudded (Drilling Commenced)
GAS STORAGE	⚡ GW - Gas Injection
NP PP OIL	⚡ GS - Gas Storage
NP SECONDARY	✗ LA - Location Abandoned
PI OIL	⊙ LOC - New Location
PP GAS	⊙ OPS - Operation Suspended
PP GEOTHERM	⊙ PA - Plugged Abandoned
PP OIL	⊙ PGW - Producing Gas Well
SECONDARY	⊙ PQW - Producing Oil Well
TERMINATED	⊙ RET - Returned APD
Fields	⊙ SGW - Shut-in Gas Well
Section	⊙ SOW - Shut-in Oil Well
Township	⊙ TA - Temp. Abandoned
⊙ Bidem Hole Location - AGRC	○ TW - Test Well
	⊙ WDW - Water Disposer
	⊙ WW - Water Injection Well
	⊙ WSW - Water Supply Well



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: ML 47000
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: KRAKEN (GR)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: BIG WASH 61-16GR	
2. NAME OF OPERATOR: QEP ENERGY COMPANY	9. API NUMBER: 43013334850000	
3. ADDRESS OF OPERATOR: 11002 East 17500 South, Vernal, Ut, 84078	PHONE NUMBER: 303 308-3068 Ext	9. FIELD and POOL or WILDCAT: WILDCAT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0854 FNL 0618 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 16 Township: 10.0S Range: 16.0E Meridian: S	COUNTY: DUCHEсне	
		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: 10/6/2010 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <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 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="Footage Change"/>		

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 This sundry is being submitted to inform you that the correct surface footage for the above mentioned well is: 856' FNL 612' FEL, NENE, SECTION 16, T10S, R16E.

575491X 39.948800
 44222384 -110.116301

Approved by the
 Utah Division of
 Oil, Gas and Mining

COPY SENT TO OPERATOR
 Date: 11.8.2010
 Initials: KS

Date: 11-01-10
 By: [Signature]

NAME (PLEASE PRINT) Jan Nelson	PHONE NUMBER 435 781-4331	TITLE Permit Agent
SIGNATURE N/A	DATE 10/6/2010	



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

November 1, 2010

QEP Energy Company
11002 E 17500 S
Vernal, UT 84078

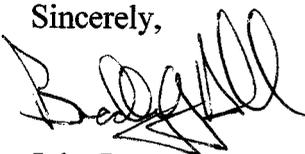
Subject: Big Wash 61-16GR Well, 856' FNL, 612' FEL, NE NE, Sec. 16, T. 10 South, R. 16 East, Lateral #1 2400' FNL, 500' FWL, SW NW, Sec. 10, T. 10 South, R. 16 East, Lateral #2 660' FSL, 1100' FEL, SE SE, Sec. 16, T. 10 South, R. 16 East, Duchesne County, Utah

Ladies and Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33485.

Sincerely,



for John Rogers
Associate Director

JR/js
Enclosures

cc: Duchesne County Assessor
SITLA
Bureau of Land Management, Vernal Field Office

Operator: QEP Energy Company
Well Name & Number Big Wash 61-16GR
API Number: 43-013-33485
Lease: UTU 82698

Location:	<u>NE NE</u>	Sec. 16	T. 10 South	R. 16 East
Lateral #1:	<u>SW NW</u>	Sec. 10	T. 10 South	R. 16 East
Lateral #2:	<u>SE SE</u>	Sec. 16	T. 10 South	R. 16 East

Conditions of Approval

1. General

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

2. Notification Requirements

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 made to the approved drilling program – contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well – contact Dan Jarvis

The operator is required to get 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

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voice mail 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 at: (801) 538-5338 office
(801) 942-0871 after office hours

3. **Reporting Requirements:**

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with 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

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.
5. The Operator shall comply with the Conditions of Approval from the original onsite review.
6. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.
7. 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.
8. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

RECEIVED

Form 3160-3
(August 2007)

SEP 24 2010

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT BLM VERNAL, UTAH

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of work: <input type="checkbox"/> DRILL <input checked="" type="checkbox"/> REENTER		5. Lease Serial No. UTU-82698
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator QEP ENERGY COMPANY		7. If Unit or CA Agreement, Name and No. KRAKEN, UTU-87711X
3a. Address 11002 EAST 17500 SOUTH VERNAL UT 84078		8. Lease Name and Well No. BIG WASH 61-16GR
3b. Phone No. (include area code) 435-781-4331		9. API Well No. 43-013-33485
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface 856' FNL, 612' FEL, NENE, SECTION 16, T10S, R16E At proposed prod. zone SEE ATTACHED		10. Field and Pool, or Exploratory WILDCAT
14. Distance in miles and direction from nearest town or post office* 23 MILES SOUTHEAST OF MYTON, UT		11. Sec., T. R. M. or Blk. and Survey or Area SECTION, 16, T10S, R16E, SLB&M
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 612'	16. No. of acres in lease 960	12. County or Parish DUCHESNE
17. Spacing Unit dedicated to this well 40	13. State UT	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 0	19. Proposed Depth LATERAL 1- 9184' MD LATERAL 2- 9022' MD	20. BLM/BIA Bond No. on file ESB000024
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6484.8 GR	22. Approximate date work will start* 11/30/2010	23. Estimated duration 30 DAYS

24. Attachments

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

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

25. Signature	Name (Printed/Typed) JAN NELSON	Date 09/23/2010
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Title PERMIT AGENT		
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Approved by (Signature)	Name (Printed/Typed) James H. Sparger	Date DEC 16 2010
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Title Acting Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	
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Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached. **CONDITIONS OF APPROVAL ATTACHED**

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

(Continued on page 2)

*(Instructions on page 2)

NOS N/A

AFMSS# 10RRH0550A

UDOGM

CONFIDENTIAL RECEIVED

NOTICE OF APPROVAL

JAN 13 2011

DIV. OF OIL, GAS & MINING

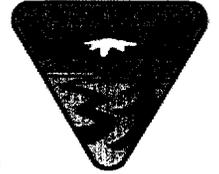


UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: QEP Energy Company
Well No: Big Wash 61-16GR
API No: 43-013-33485

Location: NENE, Sec. 16, T10S, R16E
Lease No: UTU-82698
Agreement: Kraken (GR) Unit

OFFICE NUMBER: (435) 781-4400

OFFICE FAX NUMBER: (435) 781-3420

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

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

NOTIFICATION REQUIREMENTS

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

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

- All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horsepower must not emit more than 2 gms of NO_x per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.
- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO_x per horsepower-hour.
- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.
- A synthetic liner with a minimum thickness of 20 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
- Reclamation will be completed in accordance with the Questar Exploration and Production Company, Uintah Basin Division's Reclamation Plan on file with the Vernal Field Office of the BLM.

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

SITE SPECIFIC DOWNHOLE COAs:

- For each of the lateral wellbores, a copy of the as drilled directional survey shall be submitted to the BLM Vernal Field Office.

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

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

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

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

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

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: ML 47000
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: BIG WASH 61-16GR
2. NAME OF OPERATOR: QEP ENERGY COMPANY	9. API NUMBER: 43013334850000
3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078	PHONE NUMBER: 303 308-3068 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0856 FNL 0612 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 16 Township: 10.0S Range: 16.0E Meridian: S	9. FIELD and POOL or WILDCAT: WILDCAT 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: 11/1/2012 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <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 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 checked="" type="checkbox"/> APD EXTENSION OTHER: <input style="width: 50px;" type="text"/>

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

QEP ENERGY COMPANY HEREBY REQUESTS A ONE YEAR EXTENSION FOR THE APD ON THE ABOVE CAPTIONED WELL.

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

Date: 11/01/2011
By: 

NAME (PLEASE PRINT) Valyn Davis	PHONE NUMBER 435 781-4369	TITLE Regulatory Affairs Analyst
SIGNATURE N/A	DATE 10/31/2011	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013334850000

API: 43013334850000

Well Name: BIG WASH 61-16GR

Location: 0856 FNL 0612 FEL QTR NENE SEC 16 TWNP 100S RNG 160E MER S

Company Permit Issued to: QEP ENERGY COMPANY

Date Original Permit Issued: 11/1/2010

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No

- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No

- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No

- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? Yes No

- Has the approved source of water for drilling changed? Yes No

- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No

- Is bonding still in place, which covers this proposed well? Yes No

Signature: Valyn Davis

Date: 10/31/2011

Title: Regulatory Affairs Analyst **Representing:** QEP ENERGY COMPANY



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

September 14, 2012

CERTIFIED MAIL NO.: 70110110000135682325

Mr. Ryan Angus
QEP Energy Company
11002 East 17500 South
Vernal, UT 84078

43 013 33485
Big Wash 61-16 GR
10S 16E 16

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

Dear Mr. Angus:

As of January 2012, Questar Exploration & Production (Questar) has nine (9) State Lease Wells (see attachment A) that are currently in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status. Four (4) of the above wells have been issued and are currently under Notices of Violation. The remaining five (5) wells have been added to Questar's SI/TA list this year.

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

For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

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



Page 2
QEP Energy Company
September 14, 2012

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

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

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

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

Sincerely,



Dustin K. Doucet
Petroleum Engineer

DKD/JP/ear

cc: LaVonne Garrison, SITLA
Compliance File
Well File

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

ATTACHMENT A

	Well Name	API	LEASE	Years Inactive
1st NOTICE				
1	BIG SPRING 3-36 GR	43-013-33168	ML-47051	2 Years 4 Months
2	GILSONITE 11-02 GR	43-013-33483	ML-47049	2 Years 5 Months
3	BIG WASH 61-16 GR	43-013-33485	ML-47000	2 Years 5 Months
4	GB 4SG-36-8-21	43-047-38764	ML-22051	1 Year 1 Month
5	GB 7SG-36-8-21	43-047-38765	ML-22051	1 Year 8 Months
OUTSTANDING NOVs				
6	TOLL STATION ST 8-36	43-047-32724	ML-22051	15 Years 6 Months
7	OU GB 8W-16-8-22	43-047-34660	ML-22049	8 Years 8 Months
8	OU GB 15G-16-8-22	43-047-34829	ML-22049	7 Years 2 Months
9	WV 16W-2-8-21	43-047-33645	ML-2785	6 Years 2 Months

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: ML 47000
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: BIG WASH 61-16GR
2. NAME OF OPERATOR: QEP ENERGY COMPANY	9. API NUMBER: 43013334850000
3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078	PHONE NUMBER: 303 308-3068 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0856 FNL 0612 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 16 Township: 10.0S Range: 16.0E Meridian: S	9. FIELD and POOL or WILDCAT: WILDCAT 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: 11/1/2012	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

QEP Energy Company requests approval to plug and abandon this well as follows: 1- MIRU and 5000' 2 7/8" workstring. 2- ND WH and NU BOP. 3- PU and RIH with scraper to 4650', POOH 4- POOH and laydown 2300' tubing 5- RU wireline, RIH set CIBP at 4600' cap with 35' of cmt. 6- Fill hole with minimum 9 ppg KCL. 7- RIH with tubing to ±2350, balance 100' cement plug from 2350'-2250'. 8- Pull up to 585' (laying down), balance 100' cement plug 50' above and below the surface casing shoe. 9- POOH, place 50' cement plug at surface. 10- ND BOPs, topout surface plug if necessary. 11- RDMO cut off wellhead install dryhole marker.

Approved by the Utah Division of Oil, Gas and Mining

Date: October 23, 2012

By: *D. K. Duff*

NAME (PLEASE PRINT) Valyn Davis	PHONE NUMBER 435 781-4369	TITLE Regulatory Affairs Analyst
SIGNATURE N/A	DATE 10/16/2012	



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 43013334850000

- 1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338. 2. Amend Plug #1: 100' (12 sx) shall be placed on top of CIBP @ 4600' not 35' as proposed (R649-3-24-3.2)**
- 3. Add Plug #1A: A 100' plug (± 12 sx) shall be balanced from $\pm 3550'$ to 3450'. This will isolate the base of the Moderately Saline Groundwater as required by rule R649-3-24-3.3.**
- 4. Amend Plug #4: Surface plug shall be from 100' to surface (12 sx) as required by R649-3-24-3.4.**
- 5. All balanced plugs shall be tagged to ensure that they are at the depth specified.**
- 6. All annuli shall be cemented from a minimum depth of 100' to the surface.**
- 7. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration.**
- 8. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.**
- 9. If there are any changes to the procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.**
- 10. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.**

10/16/2012

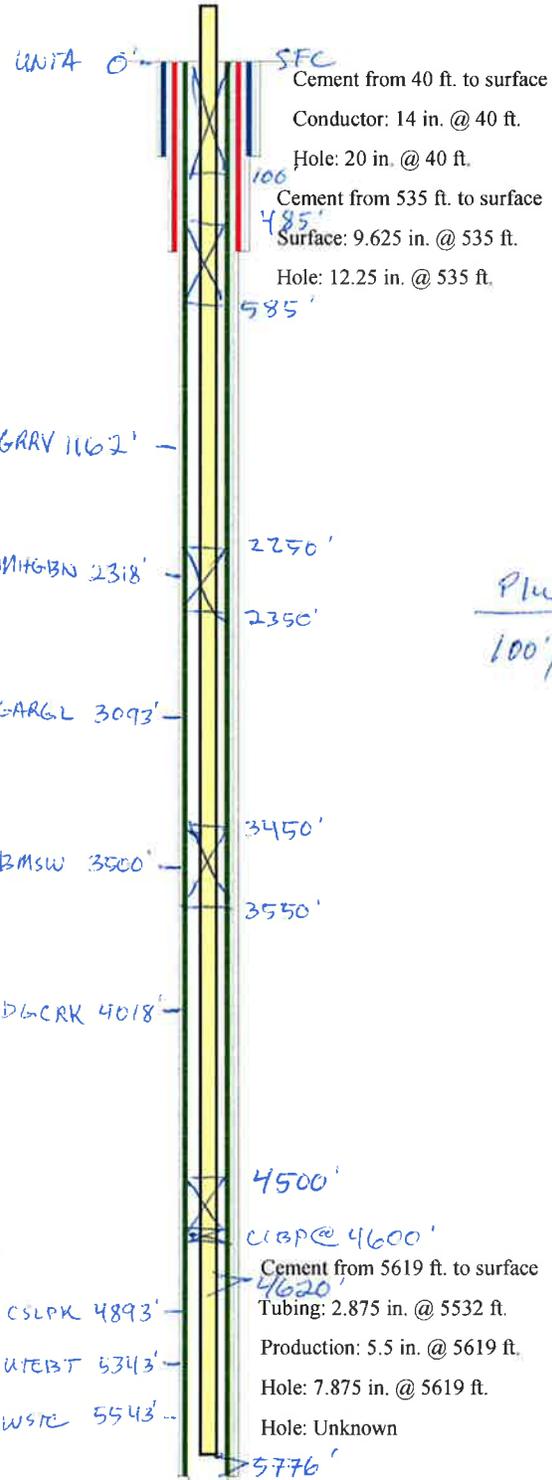
Wellbore Diagram

r263

API Well No: 43-013-33485-00-00 **Permit No:** **Well Name/No:** BIG WASH 61-16GR
Company Name: QEP ENERGY COMPANY
Location: Sec: 16 T: 10S R: 16E Spot: NENE
Coordinates: X: 575429 Y: 4422443
Field Name: WILDCAT
County Name: DUCHESNE

String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)	(L/CF)
HOL1	40	20			
COND	40	14			
HOL2	535	12.25			
SURF	535	9.625 x 5/2"	36	535	(0.2691) → 3.716
HOL3	5619	7.875 x 5/2" w/1090			(0.2407) → 4.1537
PROD	5619	5.5	17	5619	(0.1305) → 7.661
TI	5532	2.875			



* Amend Plug # 4
 * increase sfc plug to 100'
 $100' / (1.15 \times 0.1305) = 11 \text{ SK Reg}$
 TOC @ SFC

Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
COND	40	0		0
PROD	5619	0	HG	140
PROD	5619	0	50	640
SURF	535	0	PA	225

Plug # 3
 $100' / (1.15 \times 0.1305) = 11 \text{ SK}$
 TOC @ 485' ✓ O.K.

Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
5342	5776			
4803	4868			
4620	4663			

Plug # 2
 $100' / (1.15 \times 0.1305) = 11 \text{ SK}$
 TOC @ 2250' ✓ O.K.

Formation Information

Formation	Depth
UNTA	0
GRRV	1162
MHGBN	2318
GARGL	3093
BMSW	3500
DGCRK	4018
CSLPK	4893
UTEBT	5343
WSTC	5543

* Add Plug # 1A
 * Add 100' across BMSW
 $100' / (1.15 \times 0.1305) = 11 \text{ SK Reg}$
 TOC @ 3450'

* Amend Plug # 1
 * Set 100' on top of CIBP
 $100' / (1.15 \times 0.1305) = 11 \text{ SK Reg}$
 TOC @ 4500'

TD: 5650 **TVD:** 5650 **PBD:** 5574

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: ML 47000
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: BIG WASH 61-16GR
2. NAME OF OPERATOR: QEP ENERGY COMPANY	9. API NUMBER: 43013334850000
3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078	PHONE NUMBER: 303 308-3068 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0856 FNL 0612 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 16 Township: 10.0S Range: 16.0E Meridian: S	9. FIELD and POOL or WILDCAT: WILDCAT
	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: 11/5/2012	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input 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 checked="" type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

QEP ENERGY COMPANY HEREBY REQUESTS A ONE YEAR EXTENSION FOR THE APD ON THE ABOVE CAPTIONED WELL.

Approved by the Utah Division of Oil, Gas and Mining

Date: November 01, 2012

By:

NAME (PLEASE PRINT) Valyn Davis	PHONE NUMBER 435 781-4369	TITLE Regulatory Affairs Analyst
SIGNATURE N/A	DATE 10/31/2012	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013334850000

API: 43013334850000

Well Name: BIG WASH 61-16GR

Location: 0856 FNL 0612 FEL QTR NENE SEC 16 TWNP 100S RNG 160E MER S

Company Permit Issued to: QEP ENERGY COMPANY

Date Original Permit Issued: 11/1/2010

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? Yes No
- Has the approved source of water for drilling changed? Yes No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No
- Is bonding still in place, which covers this proposed well? Yes No

Signature: Valyn Davis

Date: 10/31/2012

Title: Regulatory Affairs Analyst Representing: QEP ENERGY COMPANY

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: ML 47000
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: QEP ENERGY COMPANY		8. WELL NAME and NUMBER: BIG WASH 61-16GR
3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078		9. API NUMBER: 43013334850000
PHONE NUMBER: 303 308-3068 Ext		9. FIELD and POOL or WILDCAT: WILDCAT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0856 FNL 0612 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 16 Township: 10.0S Range: 16.0E Meridian: S		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: 10/2/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>

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

QEP ENERGY COMPANY PLUGGED AND ABANDONED THE ABOVE REFERENCED WELL ON 10/2/2013 AS FOLLOWS: 1. PLUG 1: SET CICR @4655' AND CAP WITH 22 SX CLASS B CEMENT. TOC @ 4457'. 2. PLUG 1A: BALANCE A PLUG FROM 3550' - 3352' WITH 22 SX. TAGGED AT 3380'. 3. PLUG 2: BALANCE A PLUG FROM 2357' - 2159' WITH 22 SX. TAGGED AT 2201'. 4. PLUG 3: BALANCE A PLUG FROM 588' - SURFACE WITH 74 SX. 5. CUT OFF WELLHEAD AND TOP OFF 100' OF BACK SIDE WITH 28 SX. 6. WELD ON DRY HOLE MARKER. 7. SPACER FLUID USED HAD BIOCIDES AND CORROSION INHIBITOR. DENNIS INGRAM WITH UDGM WITNESSED PLUGGING OPERATIONS.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
October 16, 2013**

NAME (PLEASE PRINT) Benna Muth	PHONE NUMBER 435 781-4320	TITLE Regulatory Assistant
SIGNATURE N/A	DATE 10/15/2013	



Diana Mason <dianawhitney@utah.gov>

Fwd: Problem with permit - 4301333485

Alexis Huefner <alexishuefner@utah.gov>
To: Diana Mason <dianawhitney@utah.gov>

Thu, Oct 17, 2013 at 2:30 PM

Hi Diana,

I spoke to Don after he sent this email and he said to check with you before we make a final decision on how this should be handled.

Currently I have a cancellation date for the deepening of this well and have set the well status to C. Don said this should be fine unless you think it would be better to rescind the APD. I spoke to the operator and the work was never started, instead they decided to plug the well.

Let me know what your thoughts are and we can go from there.

Thanks,
Alexis

----- Forwarded message -----

From: **Don Staley** <donstaley@utah.gov>
Date: Thu, Oct 17, 2013 at 7:36 AM
Subject: Problem with permit - 4301333485
To: Alexis Huefner <alexishuefner@utah.gov>

Alexis,

It looks like you took care of a subsequent sundry to plug this well (4301333485). The Well History record (7 of 9) showing a permit to Deepen the well has a 'Cancel' date entered on it. We do not cancel drilling permits.

They need to be rescinded (LA) by Diana. Even though the well has apparently been plugged, I suppose the permit should still be formally rescinded. Please get with Diana and see how she wants to handle this.

Thanks,

Don

--

Alexis Huefner
Division of Oil, Gas & Mining
Office Tech II
alexishuefner@utah.gov
801-538-5302



Diana Mason <dianawhitney@utah.gov>

Fwd: Sundry For API Well Number 43013334850000

Alexis Huefner <alexishuefner@utah.gov>
To: Diana Mason <dianawhitney@utah.gov>

Thu, Oct 17, 2013 at 4:25 PM

----- Forwarded message -----

From: **Alexis Huefner** <alexishuefner@utah.gov>
Date: Tue, Oct 15, 2013 at 2:54 PM
Subject: Re: Sundry For API Well Number 43013334850000
To: "Benna Muth (Contractor)" <Muth.Contractor@qepres.com>

OK sounds good. Thanks for your help.
Alexis

On Tue, Oct 15, 2013 at 2:52 PM, Benna Muth (Contractor) <Muth.Contractor@qepres.com> wrote:

It would have to be the same date as the well was plugged which is 10/2/2013. Let me know if you need anything else.

From: Alexis Huefner [mailto:alexishuefner@utah.gov]
Sent: Tuesday, October 15, 2013 2:50 PM
To: Benna Muth (Contractor)
Subject: Re: Sundry For API Well Number 43013334850000

Yes, I just need a date to put in our system for when the work was cancelled. You don't have to submit a sundry or anything you can just email it to me.

Thanks,
Alexis

On Tue, Oct 15, 2013 at 2:41 PM, Benna Muth (Contractor) <Muth.Contractor@qepres.com> wrote:

Alexis,

Doesn't the fact that the wellbore has been plugged satisfy this?

-----Original Message-----

From: alexishuefner@utah.gov [mailto:alexishuefner@utah.gov]
Sent: Tuesday, October 15, 2013 12:37 PM
To: Benna Muth (Contractor)
Cc: alexishuefner@utah.gov
Subject: Sundry For API Well Number 43013334850000

Subsequent Report: PLUG_AND_ABANDON
API Number: 43013334850000
Operator: QEP ENERGY COMPANY

Hi Benna,

The division needs a cancellation date for the Deepening that was permitted on the above referenced well.

Thanks,
Alexis

--

Alexis Huefner
Division of Oil, Gas & Mining
Office Tech II
alexishuefner@utah.gov
[801-538-5302](tel:801-538-5302)

--

Alexis Huefner
Division of Oil, Gas & Mining
Office Tech II
alexishuefner@utah.gov
[801-538-5302](tel:801-538-5302)

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Alexis Huefner
Division of Oil, Gas & Mining
Office Tech II
alexishuefner@utah.gov
[801-538-5302](tel:801-538-5302)

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: ML-47000
			6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
			7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____			8. WELL NAME and NUMBER: BIG WASH 61-16 GR
2. NAME OF OPERATOR: QEP ENERGY COMPANY			9. API NUMBER: 4301333485
3. ADDRESS OF OPERATOR: 11002 EAST 17500 SOUTH CITY VERNAL STATE UT ZIP 84078		PHONE NUMBER: (435) 781-4308	10. FIELD AND POOL, OR WILDCAT: WILDCAT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 856 FNL 612 FEL COUNTY: DUCHESNE			
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 16 10S 16E S 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 (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 12/3/2013	<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 checked="" 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.

The BIG WASH 61-16 GR was reclaimed on December 03, 2013. All equipment was removed, the location and access road were recontoured, mulched, and seeded. The seed mix used was:

- Grass Crested Wheatgrass Agropyron cristatum Ephraim 4 PLS LBS/ACRE
- Grass Pubescent Wheatgrass Elytrigia intermedia spp. Trichophrum mandon or green leaf 3 PLS LBS/ACRE
- Grass Russian Wildrye Psathyrostachys juncea Bozoiiski 4 PLS LBS/ACRE
- Grass Needle and Thread Grass Stipa comata 3 PLS LBS/ACRE
- Shrub Forage Kochia Kochia prostrate 2 PLS LBS/ACRE
- Shrub Fourwing Saltbush Atriplex canescens 2 PLS LBS/ACRE
- TOTAL: 18 PLS LBS/ACRE

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

DEC 30 2014
DIV. OF OIL, GAS AND MINING

NAME (PLEASE PRINT) STEPHANIE TOMKINSON	TITLE SR. BIOLOGIST
SIGNATURE	DATE 12/30/2014

(This space for State use only)

INSTRUCTIONS

This form shall be submitted by the operator to show the intention and/or completion of the following:

- miscellaneous work projects and actions for which other specific report forms do not exist;
- all other work and events as identified in section 11, Type of Action, or as required by the Utah Oil and Gas Conservation General Rules, including:
 - minor deepening of an existing well bore,
 - plugging back a well,
 - recompleting to a different producing formation within an existing well bore (intent only),
 - re-perforating the current producing formation,
 - drilling a sidetrack to repair a well,
 - reporting monthly the status of each drilling well.

This form is not to be used for proposals to

- drill new wells,
- reenter previously plugged and abandoned wells,
- significantly deepen existing wells below their current bottom-hole depth,
- drill horizontal laterals from an existing well bore,
- drill hydrocarbon exploratory holes such as core samples and stratigraphic tests.

Use Form 3, Application for Permit to Drill (APD) for such proposals.

NOTICE OF INTENT - A notice of intention to do work on a well or to change plans previously approved shall be submitted in duplicate and must be received and approved by the division before the work is commenced. The operator is responsible for receipt of the notice by the division in ample time for proper consideration and action. In cases of emergency, the operator may obtain verbal approval to commence work. Within five days after receiving verbal approval, the operator shall submit a Sundry Notice describing the work and acknowledging the verbal approval.

SUBSEQUENT REPORT - A subsequent report shall be submitted to the division within 30 days of the completion of the outlined work. Specific details of the work performed should be provided, including dates, well depths, placement of plugs, etc.

WELL ABANDONMENT - Proposals to abandon a well and subsequent reports of abandonment should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, and method of parting of any casing, liner, or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

In addition to any Sundry Notice forms submitted, **Form 8, Well Completion or Recompletion Report and Log** must be submitted to the division to report the results of the following operations:

- completing or plugging a new well,
- reentering a previously plugged and abandoned well,
- significantly deepening an existing well bore below the current bottom-hole depth,
- drilling horizontal laterals from an existing well bore,
- drilling hydrocarbon exploratory holes such as core samples and stratigraphic tests,
- recompleting to a different producing formation.

Send to:

Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

RECEIVED
DEC 30 2014
DIV. OF OIL, GAS & MINING



United States Department of the Interior



BUREAU OF LAND MANAGEMENT

Green River District
Vernal Field Office
170 South 500 East
Vernal, UT 84078

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

JUL 17 2015

IN REPLY REFER TO:
3160 (UTG011)

Jan Nelson
QEP Energy Company
11002 E. 17500 S.
Vernal, UT 84078

43 013 33485

Re: Notice of Expiration
Well No. Big Wash 61-16GR
NENE, Sec. 16, T10S, R16E
Duchesne County, Utah
Lease No. UTU-82698

RECEIVED

AUG 03 2015

DIV. OF OIL, GAS & MINING

Dear Ms. Nelson:

The Application for Permit to Drill (APD) for the above-referenced well was approved on December 16, 2010. According to our records, no known activity has transpired at the approved location. In view of the foregoing, this office is notifying you that the approval of the referenced application has expired. If you intend to drill at this location in the future, a new Application for Permit to Drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for this drill site. Any surface disturbance associated with the approved location of this well is to be rehabilitated. A schedule for this rehabilitation must be submitted to this office. Your cooperation in this matter is appreciated.

If you have any questions regarding this matter, please contact Robin R. Hansen at (435) 781-3428.

Sincerely,

/s/ Jerry Kenczka

Jerry Kenczka
Assistant Field Manager
Lands & Mineral Resources

cc: UDOGM

bcc: Well File
I&E Asst.