

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

FORM 3

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL		1. WELL NAME and NUMBER NBU 639-13E				
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>		3. FIELD OR WILDCAT NATURAL BUTTES				
4. TYPE OF WELL Gas Well Coalbed Methane Well: NO		5. UNIT or COMMUNITIZATION AGREEMENT NAME NATURAL BUTTES				
6. NAME OF OPERATOR EOG Resources, Inc.		7. OPERATOR PHONE 435 781-9111				
8. ADDRESS OF OPERATOR 1060 East Highway 40, Vernal, UT, 84078		9. OPERATOR E-MAIL kaylene_gardner@eogresources.com				
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) U08512ST	11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>		12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>			
13. NAME OF SURFACE OWNER (if box 12 = 'fee') S		14. SURFACE OWNER PHONE (if box 12 = 'fee')				
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')		16. SURFACE OWNER E-MAIL (if box 12 = 'fee')				
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')		18. INTEND TO COMMINGLE PRODUCTION DOWNSTREAM YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>				
		19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>				
20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	859 FNL 1902 FEL	NWNE	13	10.0 S	22.0 E	S
Top of Uppermost Producing Zone	859 FNL 1902 FEL	NWNE	13	10.0 S	22.0 E	S
At Total Depth	859 FNL 1902 FEL	NWNE	13	10.0 S	22.0 E	S
21. COUNTY UINTAH		22. DISTANCE TO NEAREST LEASE LINE (Feet) 582		23. NUMBER OF ACRES IN DRILLING UNIT 600		
		25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 500		26. PROPOSED DEPTH MD: 7158 TVD:		
27. ELEVATION - GROUND LEVEL 5296		28. BOND NUMBER 6196017		29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 49-225(A31368)		

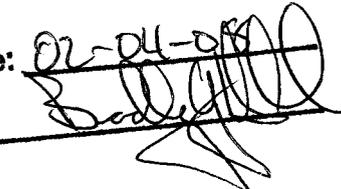
ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORCANCE 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 type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP

NAME Kaylene Gardner	TITLE Sr. Regulatory Assistant	PHONE 435 781-9111
SIGNATURE	DATE 12/18/2007	EMAIL kaylene_gardner@eogresources.com
API NUMBER ASSIGNED 43047500190000		APPROVAL

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 02-04-08
By: 

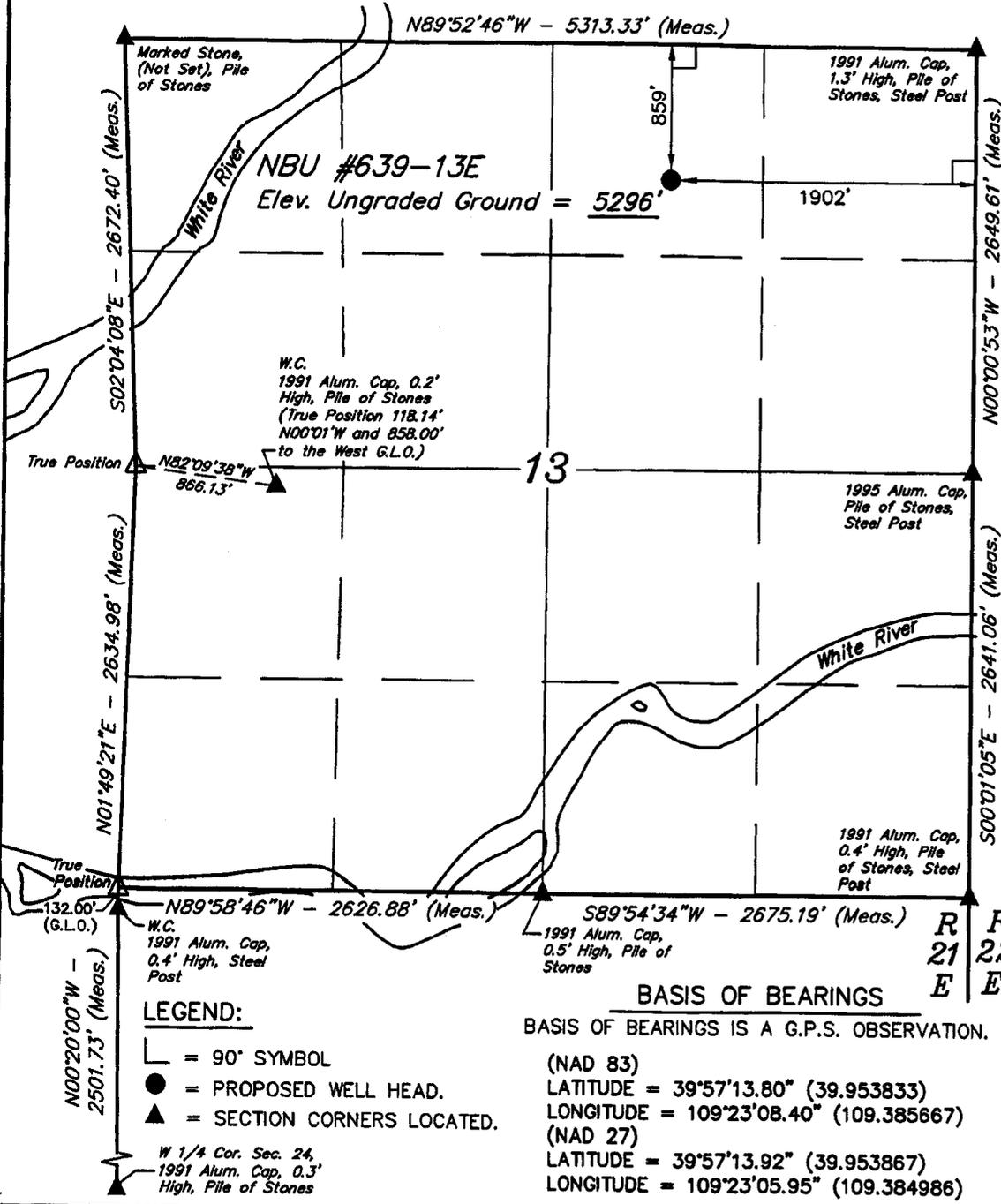
T10S, R22E, S.L.B.&M.

EOG RESOURCES, INC.

Well location, NBU #639-13E, located as shown in the NW 1/4 NE 1/4 of Section 13, T10S, R22E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

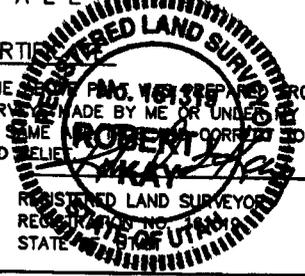
TWO WATER TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN NE, QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.



SCALE

CERTIFICATION

THIS IS TO CERTIFY THAT THE MAP AND PLAT 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.

(NAD 83)
 LATITUDE = 39°57'13.80" (39.953833)
 LONGITUDE = 109°23'08.40" (109.385667)
 (NAD 27)
 LATITUDE = 39°57'13.92" (39.953867)
 LONGITUDE = 109°23'05.95" (109.384986)

LEGEND:

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

W 1/4 Cor. Sec. 24,
 1991 Alum. Cap, 0.3'
 High, Pile of Stones

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

SCALE 1" = 1000'	DATE SURVEYED: 10-01-07	DATE DRAWN: 10-29-07
PARTY C.R. J.M. L.K.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE	EOG RESOURCES, INC.

Proposed Hole, Casing, and Cement

String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Cond	17.5	13.375	0	45		
Pipe	Grade	Length	Weight			
	H-40	45	48.0			
	Cement Interval	Top (MD)	Bottom (MD)			
		0	45			
		Cement Description	Class	Sacks	Yield	Weight
			C	0	0.0	0.0

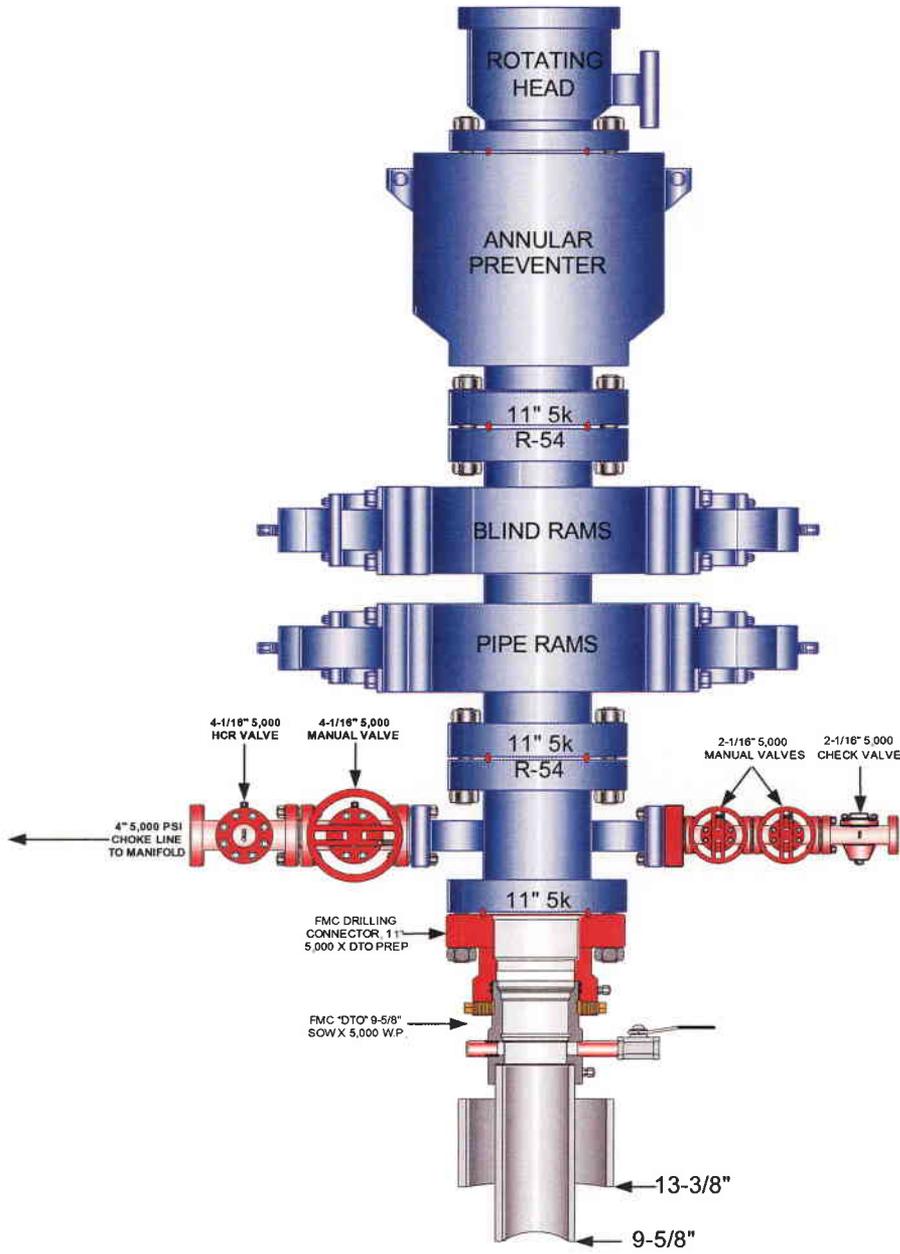
Proposed Hole, Casing, and Cement

String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Surf	12.25	9.625	0	2300		
Pipe	Grade	Length	Weight			
	J-55	2300	36.0			
	Cement Interval	Top (MD)	Bottom (MD)			
		0	2300			
		Cement Description	Class	Sacks	Yield	Weight
			G	185	3.82	11.0
			G	207	1.18	15.6

Proposed Hole, Casing, and Cement

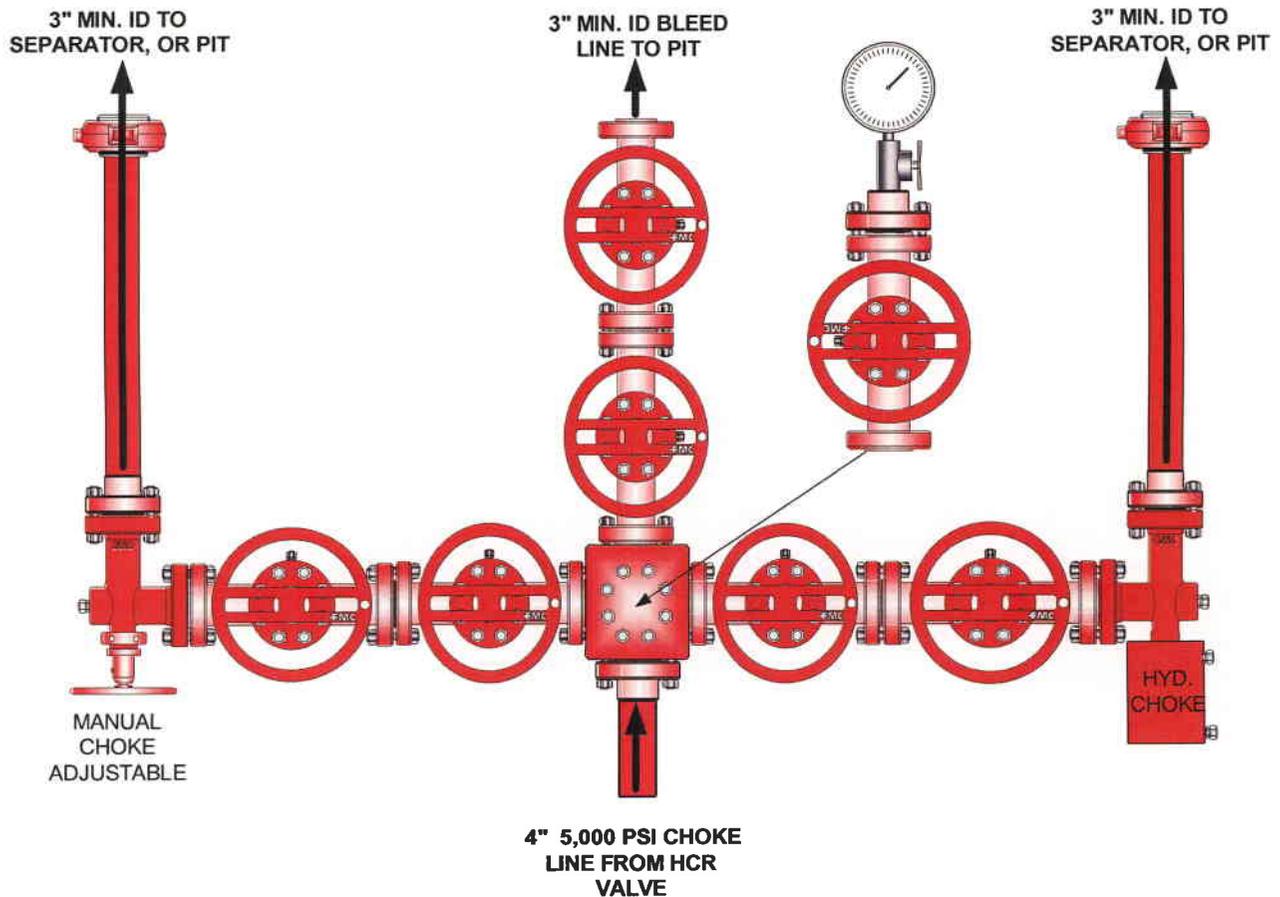
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Prod	7.975	4.5	0	7158		
Pipe	Grade	Length	Weight			
	N-80	7158	4.5			
	Cement Interval	Top (MD)	Bottom (MD)			
		3670	7158			
		Cement Description	Class	Sacks	Yield	Weight
			G	101	3.91	11.0
			G	627	1.28	14.1

**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.

EIGHT POINT PLAN

NATURAL BUTTES UNIT 639-13E
NW/NE, SEC. 13, T10S, R22E, S.L.B.&M..
UINTAH COUNTY, UTAH

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

FORMATION	TVD-RKB (ft)	Objective	Lithology	
Green River	1,106		Shale	
Wasatch	4,070	Primary	Sandstone	Gas
Chapita Wells	4,609	Primary	Sandstone	Gas
Buck Canyon	5,297	Primary	Sandstone	Gas
North Horn	5,940	Primary	Sandstone	Gas
KMV Price River	6,341	Primary	Sandstone	Gas
KMV Price River Middle	7,144	Primary	Sandstone	Gas
TD	7,158			

Estimated TD: 7,158' or 200'± below TD **Anticipated BHP: 3,910 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 – 5000 Psig
 BOP schematic diagrams 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' – 2,300' 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#	N-80	LTC	6350 PSI	7780 Psi	233,000#

Note: 12-¼" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-5/8" as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone.

All casing will be new or inspected.

EIGHT POINT PLAN

NATURAL BUTTES UNIT 639-13E
NW/NE, SEC. 13, T10S, R22E, S.L.B.&M.
UINTAH COUNTY, UTAH

5. Float Equipment:

Surface Hole Procedure (0' - 2300'±)

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of jts. #2 and #3 then every 5th joint to surface. (15 total)

Production Hole Procedure (2300'± - TD):

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-½", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 2nd joint to 400' above Wasatch Island top. Thread lock float shoe, top and bottom of float collar, and top of 2nd joint.

6. MUD PROGRAM

Surface Hole Procedure (Surface - 2300'±):

Air/air mist or aerated water.

Production Hole Procedure (2300'± - TD): Anticipated mud weight 9.5 – 10.5 ppg depending on actual wellbore conditions encountered while drilling.

2300'± - 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

NATURAL BUTTES UNIT 639-13E
NW/NE, SEC. 13, T10S, R22E, S.L.B.&M..
UINTAH COUNTY, UTAH

8. EVALUATION PROGRAM:

Logs: Mud log from base of surface casing to TD.
Cased-hole Logs: Cased-hole logs will be run in lieu of open-hole logs consisting of the following:
Cement Bond / Casing Collar Locator and Pulsed Neutron

9. CEMENT PROGRAM:

Surface Hole Procedure (Surface - 2300'±):

Lead: 185 sks Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCl₂, 3 lb/sx GR3 ¼ #/sx Flocele mixed at 11 ppg, 3.82 ft³/sk. yield, 23 gps water.

Tail: 207 sks Class "G" cement with 2% CaCl₂, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft³/sk., 5.2 gps water.

Top Out: As necessary with Class "G" cement with 2% CaCl₂, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft³/sk., 5.2 gps water.

Note: Cement volumes will be calculated to bring lead cement to surface and tail cement to 500' above the casing shoe.

Production Hole Procedure (2300'± - TD)

Lead: 101 sks: Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44 (Salt), 0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29 (cello flakes) mixed at 11.0 ppg, 3.91 ft³/sk., 24.5 gps water.

Tail: 627 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 Wasatch.

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

EIGHT POINT PLAN

NATURAL BUTTES UNIT 639-13E
NW/NE, SEC. 13, T10S, R22E, S.L.B.&M..
UINTAH COUNTY, UTAH

10. ABNORMAL CONDITIONS:

Surface Hole (Surface - 2300'±):

Lost circulation

Production Hole (2300'± - TD):

Sloughing shales, lost circulation and key seat development are possible in the Wasatch 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)



**Natural Buttes Unit 639-13E
NWNE, Section 13, T10S, R22E
Uintah County, Utah**

SURFACE USE PLAN

1. EXISTING ROADS:

- A. See attached 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 58.6 miles south of Vernal, 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 2640' in length. See attached Topo B.
- B. The access road has a 40-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. A 40-foot permanent right-of-way is requested. No surfacing material will used.
- J. No additional storage areas will be needed for storing equipment, stockpiling, or vehicle parking.

All travel will be confined to existing access road rights-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 of 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 40 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 of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff 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.

Traveling off the 40 foot right-of-way will not be allowed. 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 pipeline will transport natural gas.
2. The pipeline will be a permanent feeder line.
3. The length of the proposed pipeline is 1773' x 40'. The proposed pipeline leaves the northern edge of the well pad (Lease U-08512 ST) proceeding in a southerly direction for an approximate distance of 1773' tying into an existing pipeline.

Pipe will be 4" NOM, 0.156 wall, Grade X42, Zap-Lock, electric weld with a 35 mil X-Tru coating.

4. Proposed pipeline will be a 4" OD steel, zap-lok line laid on the surface
5. Proposed pipeline will be laid on surface.
6. Pipeline will be coupled using the Zap lock method. No additional off-pad facilities will be required.

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 facilities will be painted with Carlsbad Canyon.** 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 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 pipeline 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 locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, CWU 550-30N SWD, CWU 2-29 SWD, Red Wash Evaporation Ponds 1, 2, 3, 4 or 5, 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. Sufficient bedding (i.e. weed free straw, or hay; felt; polyswell or soil) to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. More stringent protective requirements may be deemed necessary by the A.O.

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.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing or completion of the well.

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

The stockpiled pit topsoil (first six inches) will be stored separate from the location topsoil. The stockpiled location topsoil will be stored in a location providing easy access for interim reclamation and protection of the topsoil. 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 south.

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. Interim Reclamation (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 – See attached Figure #3. The reserve pit will be reclaimed within 90 days from the date of the well completion, or as soon as environmental conditions allow. Before any dirt takes place, the reserve pit must be completely dry and free of all foreign obstacles.

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. 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.)
- D. 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.

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, as needed, to help facilitate compaction during construction and to minimize soil loss as a result of wind erosion.

A cultural resources survey will be conducted and submitted by Montgomery Archaeological Consultants. A paleontology survey will be conducted and submitted by Intermountain Paleontology.

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

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 to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

CERTIFICATION:

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 Natural Buttes Unit 639-13E Well, located in the NWNE, of Section 13, T10S, R22E, Uintah County, Utah; State 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.

December 7, 2007
Date

Kaylene R. Gardner, Lead Regulatory Assistant

EOG RESOURCES, INC.
NBU #639-13E
SECTION 13, T10S, R22E, S.L.B.&M.

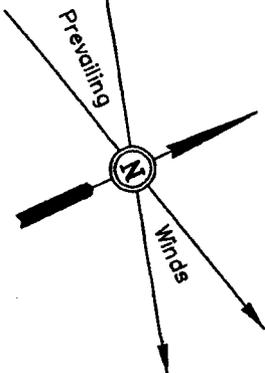
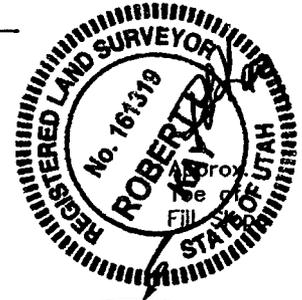
PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.3 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 12.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 3.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY, THEN SOUTHWESTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 5.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 1.3 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTH; FOLLOW ROAD FLAGS IN A NORTHERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 58.6 MILES.

EOG RESOURCES, INC.

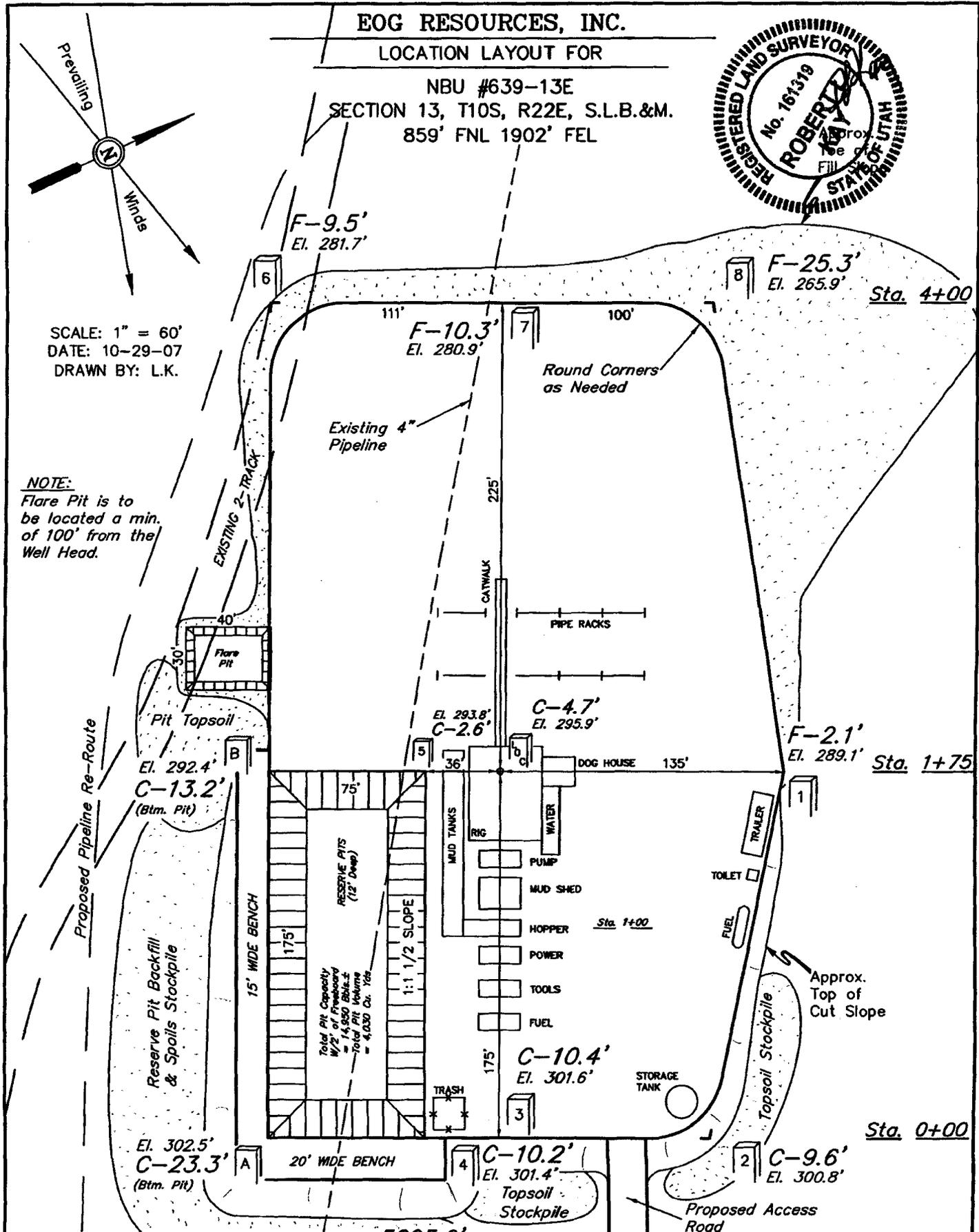
LOCATION LAYOUT FOR

NBU #639-13E
SECTION 13, T10S, R22E, S.L.B.&M.
859' FNL 1902' FEL



SCALE: 1" = 60'
DATE: 10-29-07
DRAWN BY: L.K.

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



Elev. Ungraded Ground at Location Stake = 5295.9'
Elev. Graded Ground at Location Stake = 5291.2'

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

EOG RESOURCES, INC.

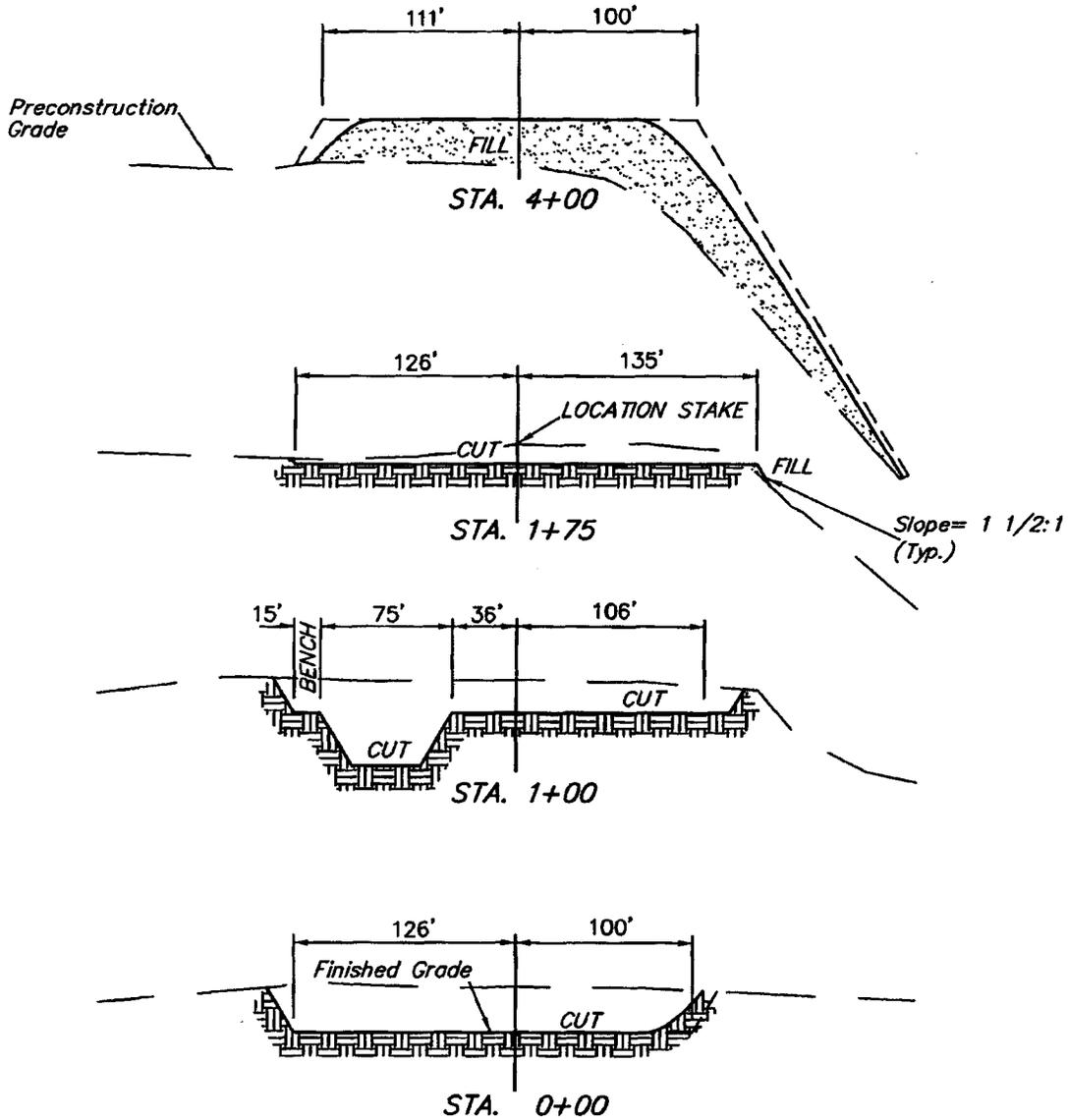
TYPICAL CROSS SECTIONS FOR

NBU #639-13E
SECTION 13, T10S, R22E, S.L.B.&M.
859' FNL 1902' FEL



1" = 40'
X-Section
Scale
1" = 100'

DATE: 10-29-07
DRAWN BY: L.K.



NOTE:

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

*** NOTE:**

FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 2,470 Cu. Yds.
Remaining Location	= 17,580 Cu. Yds.
TOTAL CUT	= 20,050 CU.YDS.
FILL	= 15,560 CU.YDS.

EXCESS MATERIAL	= 4,490	Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 4,490	Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	= 0	Cu. Yds.

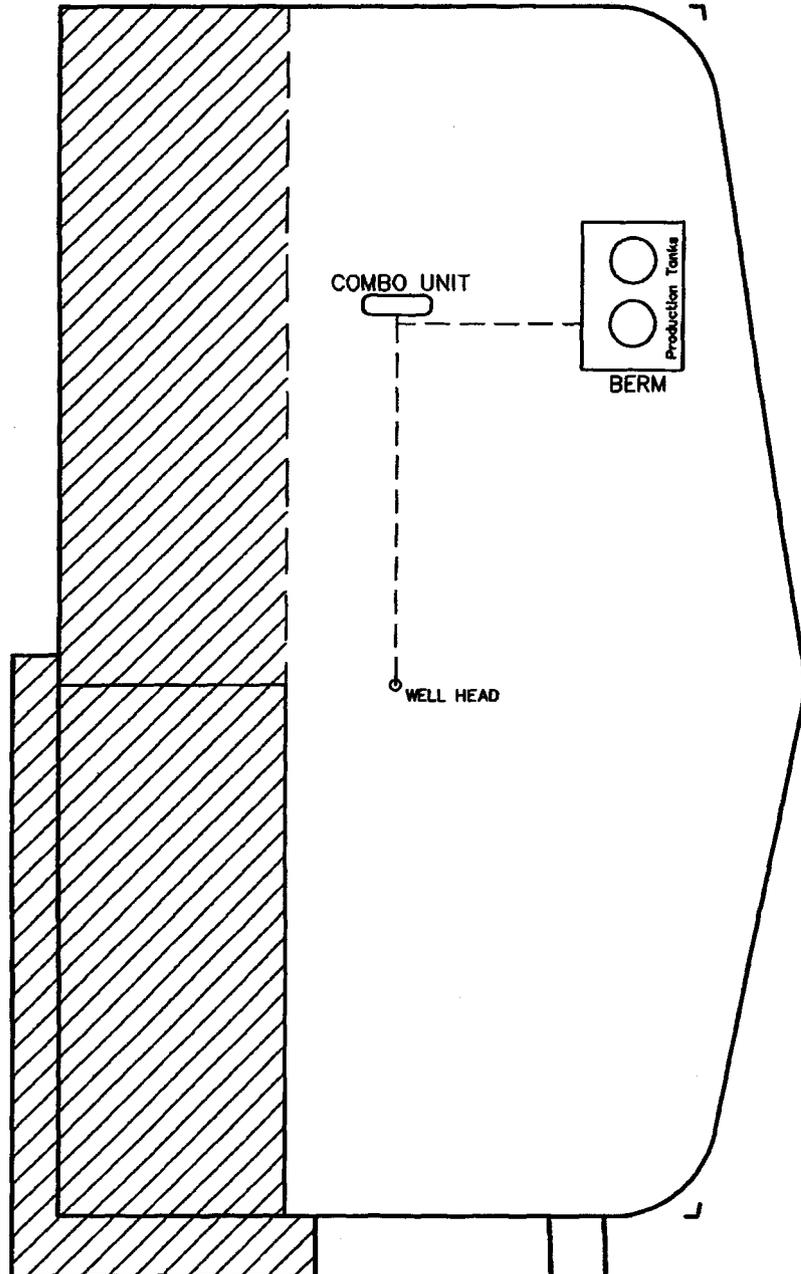
UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

EOG RESOURCES, INC.
PRODUCTION FACILITY LAYOUT FOR

NBU #639-13E
SECTION 13, T10S, R22E, S.L.B.&M.
859' FNL 1902' FEL



SCALE: 1" = 60'
DATE: 10-29-07
DRAWN BY: L.K.



 RE-HABED AREA

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

EOG RESOURCES, INC.

NBU #639-13E

LOCATED IN UINTAH COUNTY, UTAH
SECTION 13, T10S, R22E, S.L.B.&M.

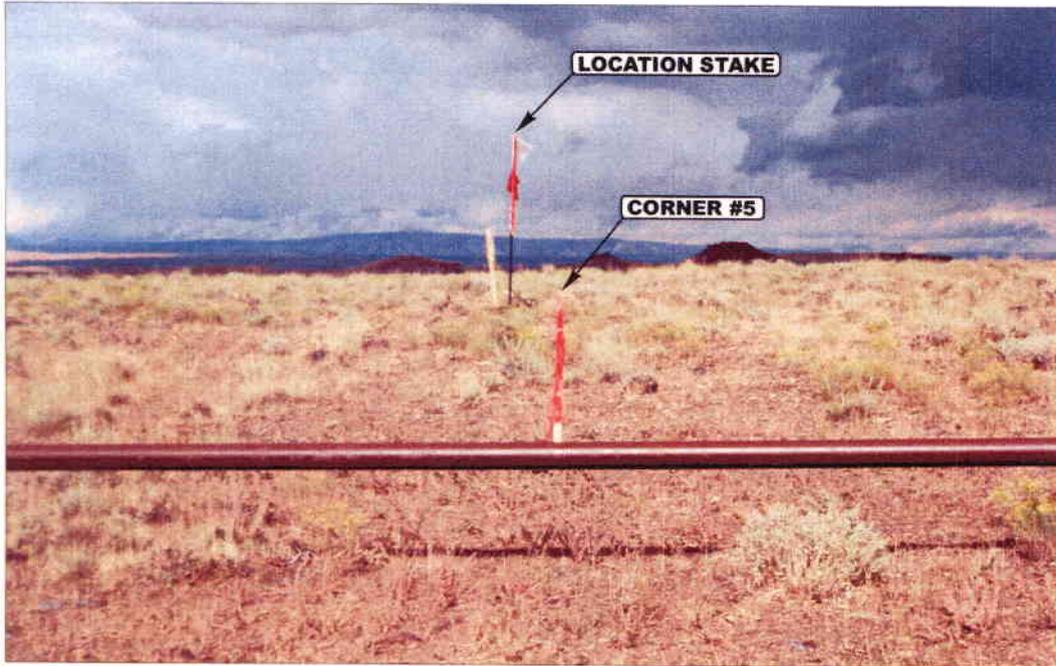


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

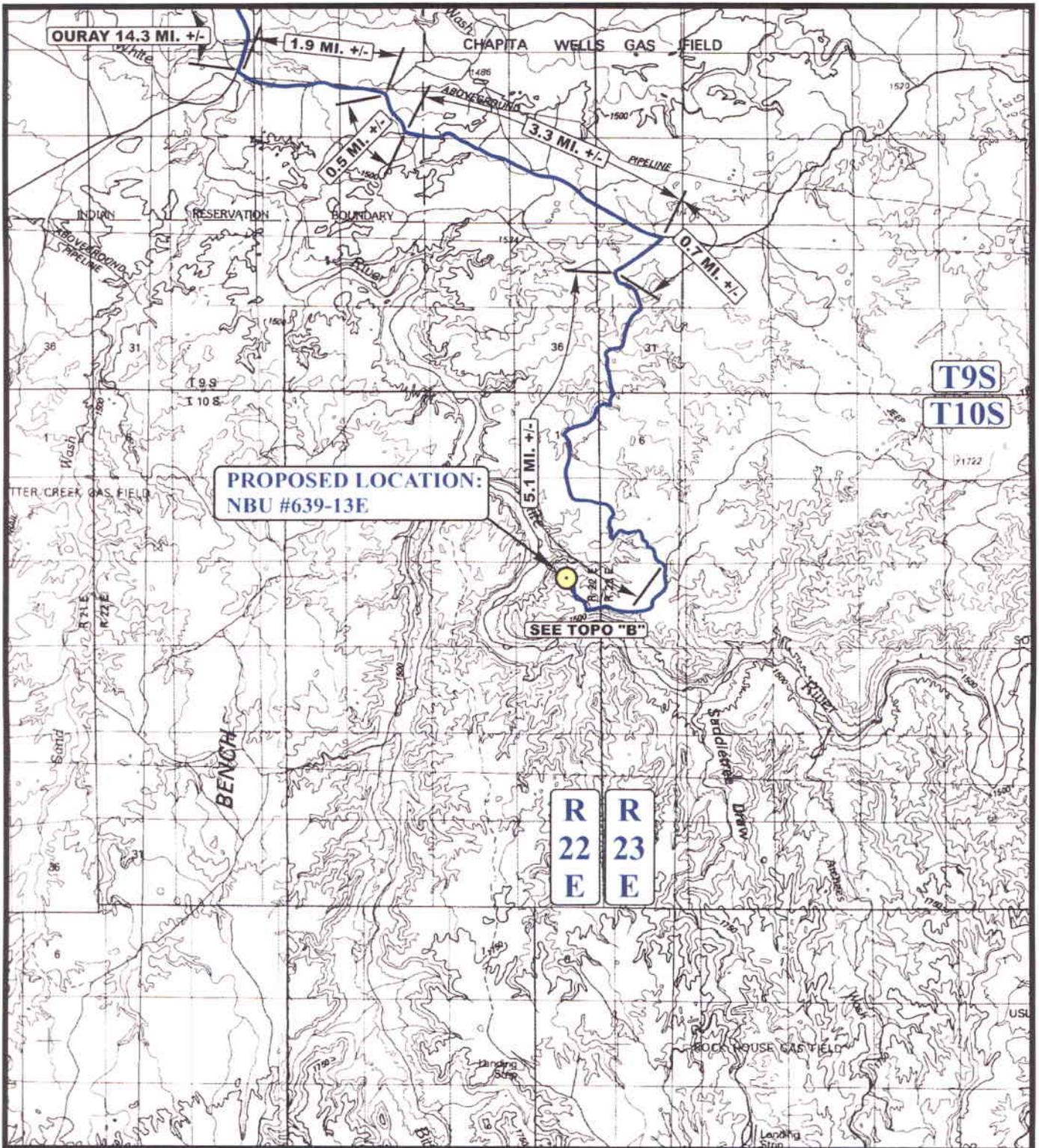
CAMERA ANGLE: NORTHWESTERLY



- Since 1964 -

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

LOCATION PHOTOS	10	24	07	PHOTO
	MONTH	DAY	YEAR	
TAKEN BY: J.M.	DRAWN BY: Z.L.		REVISED: 00-00-00	



LEGEND:

● PROPOSED LOCATION



EOG RESOURCES, INC.

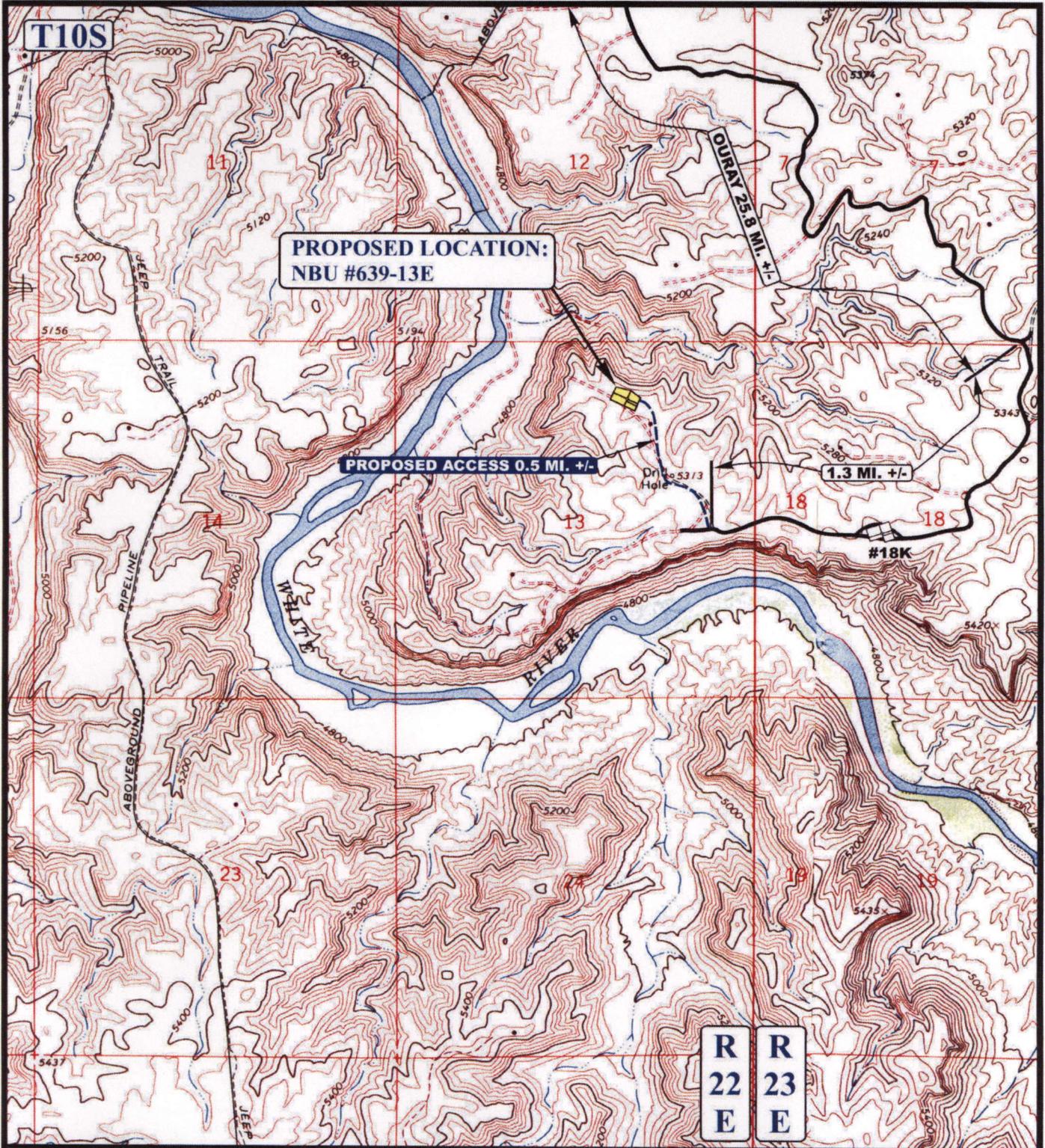
NBU #639-13E
SECTION 13, T10S, R22E, S.L.B.&M.
859' FNL 1902' FEL



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

TOPOGRAPHIC MAP **10 24 07**
 MONTH DAY YEAR
 SCALE: 1:100,000 DRAWN BY: Z.L. REVISED: 00-00-00





LEGEND:

- EXISTING ROAD
- PROPOSED ACCESS ROAD



EOG RESOURCES, INC.

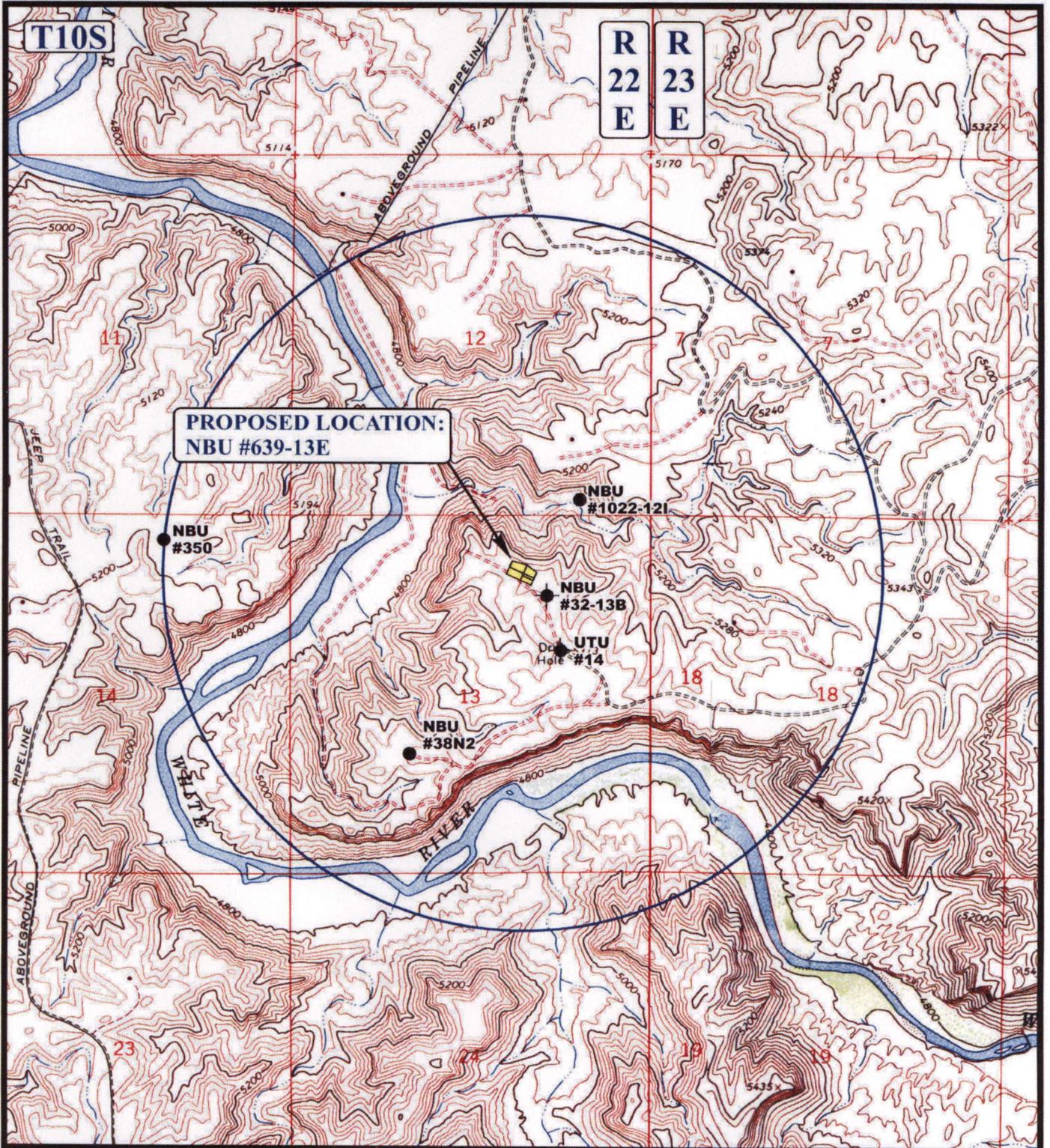
NBU #639-13E
SECTION 13, T10S, R22E, S.L.B.&M.
859' FNL 1902' FEL



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

TOPOGRAPHIC MAP	10	24	07
	MONTH	DAY	YEAR
SCALE: 1" = 2000'	DRAWN BY: Z.L.		REVISED: 00-00-00





**PROPOSED LOCATION:
NBU #639-13E**

LEGEND:

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



EOG RESOURCES, INC.

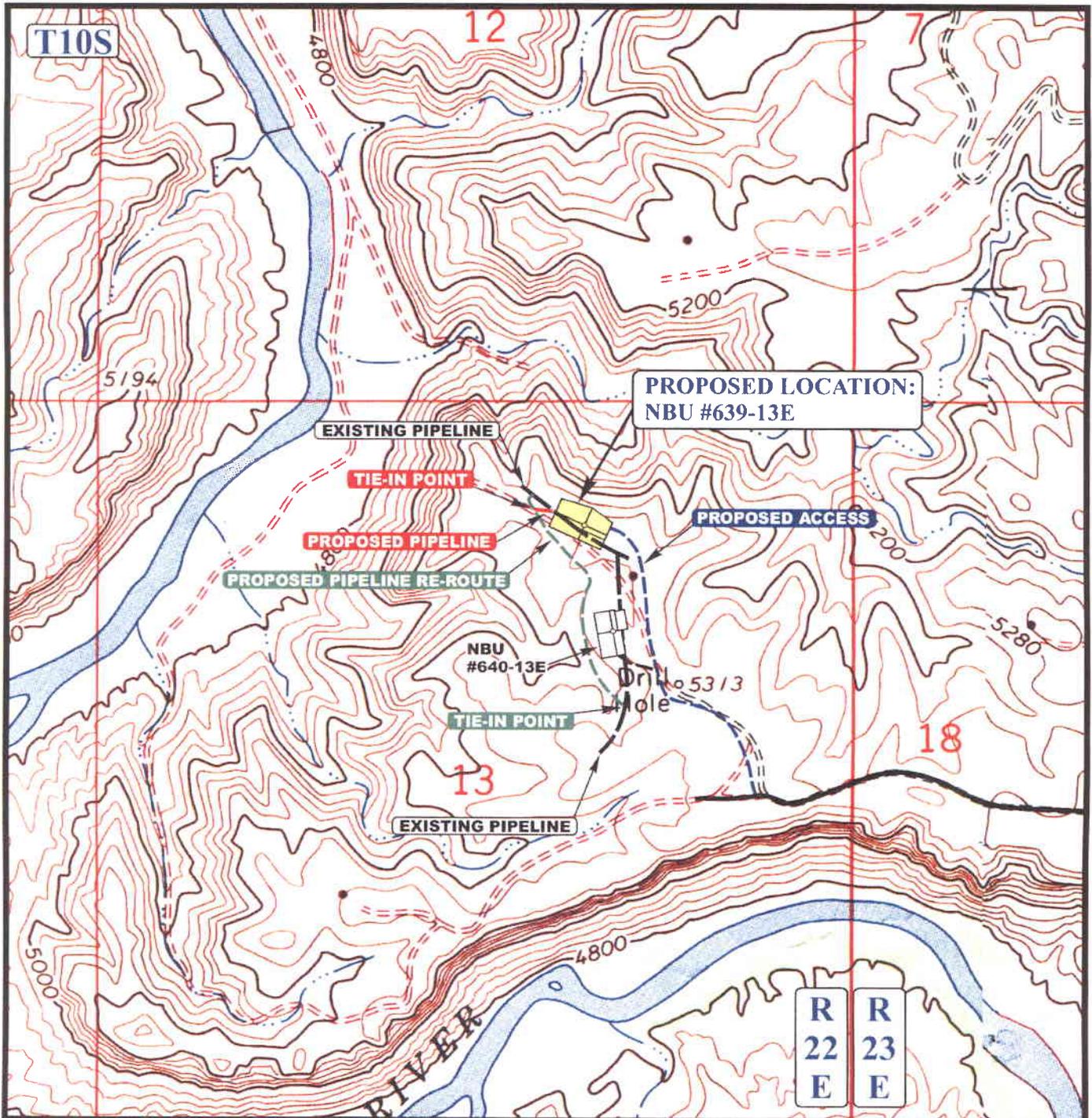
**NBU #639-13E
SECTION 13, T10S, R22E, S.L.B.&M.
859' FNL 1902' FEL**



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

TOPOGRAPHIC MAP 10 24 07
MONTH DAY YEAR
SCALE: 1" = 2000' DRAWN BY: Z.L. REVISED: 00-00-00





APPROXIMATE TOTAL 4" PIPELINE RE-ROUTE DISTANCE = 1,614' +/-

APPROXIMATE TOTAL PROPOSED PIPELINE DISTANCE = 159' +/-

LEGEND:

- EXISTING ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE RE-ROUTE
- PROPOSED PIPELINE



EOG RESOURCES, INC.

NBU #639-13E
 SECTION 13, T10S, R22E, S.L.B.&M.
 859' FNL 1902' FEL



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

TOPOGRAPHIC MAP
 10 24 07
 MONTH DAY YEAR
 SCALE: 1" = 1000' DRAWN BY: Z.L. REVISED: 00-00-00



**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 12/17/2007

API NO. ASSIGNED: 43-047-50019

WELL NAME: NBU 639-13E
 OPERATOR: EOG RESOURCES, INC. (N9550)
 CONTACT: Kaylene Gardner

PHONE NUMBER: 435 781-9111

PROPOSED LOCATION:
 NWNE 13 100S 220E
 SURFACE: 0859 FNL 1902 FEL
 BOTTOM: 0859 FNL 1902 FEL
 COUNTY: UINTAH
 LATITUDE: 39.95386 LONGITUDE: -109.3850
 UTM SURF EASTINGS: 637955 NORTHINGS: 4423675
 FIELD NAME: NATURAL BUTTES (630)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DKD	1/24/08
Geology		
Surface		

LEASE TYPE: 3 - State
 LEASE NUMBER: U08512ST
 SURFACE OWNER: 3 - State

PROPOSED FORMATION: PRRV
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

Plat
 Bond: Fed[] Ind[] Sta[] Fee[]
 (No. 6196017)

N Potash (Y/N)
 Oil Shale 190-5 (B) or 190-3 or 190-13
 Water Permit
 (No. 49-225(A31))

N RDCC Review (Y/N)
 (Date: _____)

N/A Fee Surf Agreement (Y/N)
N/A Intent to Commingle (Y/N)

LOCATION AND SITING:

____ R649-2-3.
 Unit: NATURAL BUTTES *OK*

____ R649-3-2. General
 Siting: 460 From Qtr/Qtr & 920' Between Wells

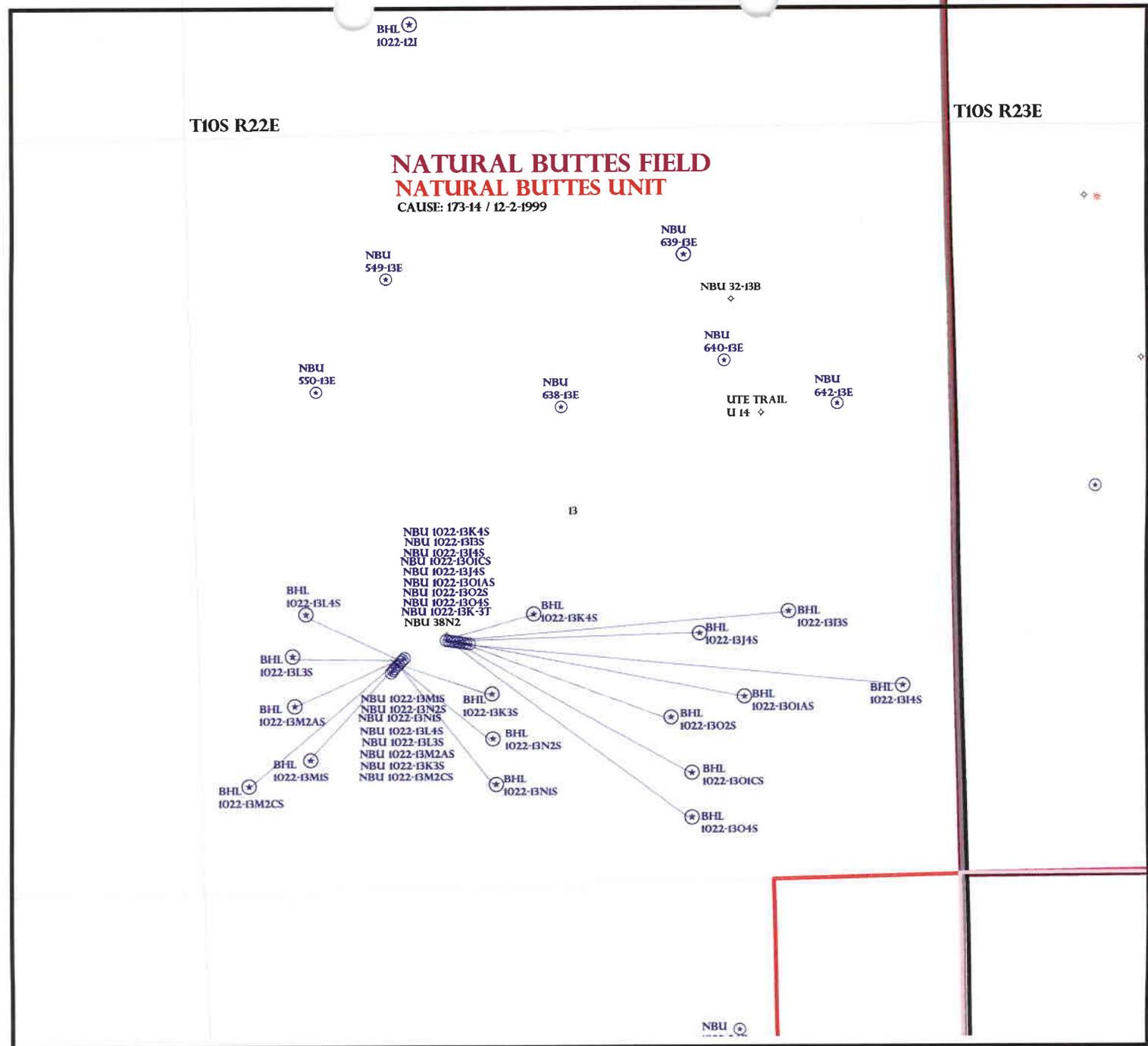
____ R649-3-3. Exception

Drilling Unit
 Board Cause No: 173-14
 Eff Date: 12-2-1999
 Siting: 460' fr u/d r/s of uncomm. tract

____ R649-3-11. Directional Drill

COMMENTS: Needs Permit (12-01-07)

STIPULATIONS: 1- STATEMENT OF BASIS'
2- OIL SHALE'
3- Surface Csg Cont Strip'
4. Cont Strip #3 (4 1/2" production, 2100' MD)'



OPERATOR: EOG RESOURCES INC (N9550)

SEC: 13 T.10S R. 22E

FIELD: NATURAL BUTTES (630)

COUNTY: UINTAH

CAUSE: 173-14 / 12-2-1999

- 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



OIL, GAS & MINING



PREPARED BY: DIANA MASON
DATE: 18-DECEMBER-2007

Application for Permit to Drill

Statement of Basis

1/15/2008

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM
636	43-047-50019-00-00	SITLA	GW	S	No
Operator	EOG RESOURCES, INC.		Surface Owner-APD		
Well Name	NBU 639-13E	Unit	NATURAL BUTTES		
Field	NATURAL BUTTES		Type of Work	DRILL	
Location	NWNE 13 10S 22E S 859 FNL 1902 FEL GPS Coord (UTM) 637955E 4423675N				

Geologic Statement of Basis

EOG proposes to set 2,300' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 4,300'. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of Section 13. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of discontinuous sands interbedded with shales and is not expected to produce prolific aquifers. The production casing cement should be brought up above the base of the moderately saline ground water to isolate it from fresher waters uphole. The proposed casing and cement program should adequately protect usable ground water in the area.

Brad Hill
APD Evaluator

1/15/2008
Date / Time

Surface Statement of Basis

The general area is in the southeast end of the Natural Buttes Unit, and contains the White River and short rugged drainages that drain into the White River. Topography is varied and frequently dissected by short draws or washes, which become overly steep as they approach the White River breaks or rim. Distance to the White River varies from ¼ mile to 1 mile. The side drainages are dry except for ephemeral flows. No seeps or springs exist in the area. An occasional pond has been constructed to supply water for livestock and antelope. Vernal, Utah is approximately 35 air miles and 59 road miles to the northwest. The area is accessed by Utah State, Uintah County and oilfield development Roads to within 0.5 miles of the location where a new road will be constructed.

The proposed NBU #639-13E gas well location will run in an east-west direction along the top of a narrow flat topped ridge which is restricted along the north edge by a steep break-off. Corners 2 and 8 have already been rounded on the layout plan but need to be further restricted so that fill does not extend beyond the corner stakes. This steep side hill breaks off into vertical ledges and a deep canyon that runs directly toward the White River to the west. The narrow ridge also breaks off to the southwest at corner 6 into a basin that steepens then drops into a canyon with vertical ledges that extend to above the White River. The reserve pit is proposed in cut and not part of this break-off. Due to the formations in the area and the short distance to the River the reserve pit should be double lined with a 20-mil liner and adequately padded. To provide for early detection of potential leaks from the reserve pit, daily monitoring of the pit level and volume needs to occur. The reduced size location should be stable and pose no other problems for drilling and operating a well and appears to be the only site available in the immediate area. The White River is not within view of the location. A pipeline running through the location will be relocated. Approximately 6 inches of snow covered the area.

Both the surface and minerals are owned by SITLA. Ed Bonner and Jim Davis of SITLA were invited to the pre-site evaluation. Neither attended.

Daniel Emmet represented the Utah Division of Wildlife Resources. Mr. Emmet stated the area is classified as crucial yearlong habitat for antelope. He however recommended no stipulations for this species as the loss of forage from this location is not significant and water not forage is the factor limiting the herd population in the area. Also the following statement by the UDWR was emailed to DOGM for consideration in approving the

Application for Permit to Drill

Statement of Basis

1/15/2008

Utah Division of Oil, Gas and Mining

Page 2

Permit to Drill. "The White River in Utah is home to one of the more intact native fish assemblages in the Colorado River basin. We regularly see large adult Colorado pikeminnow (*Ptychocheilus lucius*) and all age/size classes of flannelmouth sucker (*Catostomus latipinnis*), bluehead sucker (*Catostomus discobolus*), and roundtail chub (*Gila robusta*). The pikeminnow is an endangered species covered under the ESA and managed through activities funded by the Upper Colorado River Endangered Fish Recovery Program. The remaining three species are state sensitive species covered under a Range-wide Conservation Agreement and Strategy signed by six states and numerous federal and tribal agencies and a State Management Plan for the three species also signed by state, federal, and tribal agencies. We have planned many conservation actions for the three species around the state; however, we have not worried about the White River populations as much because we still see all life stages here. If development is allowed without mitigation for potential impacts to these species, we could see a disruption in this population like we've seen in other streams and rivers across the state. Spills and/or leaks may impact these fish by a number of means, from simply causing a fish kill and harming all individuals that cannot escape the spill to interruption of spawning cues (meaning they may go one or more years depending on the severity of the spill without spawning)."

Mr Emmett gave Byron Tolman, representing EOG Resources a DWR recommended seed mix to use when re-vegetating the area.

The Roosevelt Field Office (435-722-3417) will be notified 24 hours in advance of lining the reserve pit.

Floyd Bartlett
Onsite Evaluator

12/4/2007
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A double synthetic liner each with a minimum thickness of 20 mils and an appropriate thickness of felt sub-liner to cushion the liners shall be properly installed and maintained in the reserve pit.
Surface	Pad corners 2 and 8 shall be restricted so that fill does not extend beyond the corner stakes.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator EOG RESOURCES, INC.
Well Name NBU 639-13E
API Number 43-047-50019-0 **APD No** 636 **Field/Unit** NATURAL BUTTES
Location: 1/4,1/4 NWNE **Sec** 13 **Tw** 10S **Rng** 22E 859 FNL 1902 FEL
GPS Coord (UTM) **Surface Owner**

Participants

Floyd Bartlett (DOGM), Byron Tolman (Agent for EOG Resources) and Daniel Emmet (UDWR).

Regional/Local Setting & Topography

The general area is in the southeast end of the Natural Buttes Unit, and contains the White River and short rugged drainages that drain into the White River. Topography is varied and frequently dissected by short draws or washes, which become overly steep as they approach the White River breaks or rim. Distance to the White River varies from 1/4 mile to 1 mile. The side drainages are dry except for ephemeral flows. No seeps or springs exist in the area. An occasional pond has been constructed to supply water for livestock and antelope. Vernal, Utah is approximately 35 air miles and 59 road miles to the northwest. The area is accessed by Utah State, Uintah County and oilfield development Roads to within 0.5 miles of the location where a new road will be constructed.

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Both the surface and minerals are owned by SITLA. Ed Bonner and Jim Davis of SITLA were invited to the pre-site evaluation. Neither attended.

Surface Use Plan

Current Surface Use

Grazing
Recreational
Wildlife Habitat

New Road

Miles	Well Pad		Src Const Material	Surface Formation
0.5	Width 261	Length 400	Onsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetland N

Flora / Fauna

The area was covered with snow. Identifiable vegetation consists of black sagebrush, Gardner saltbrush, greasewood, horsebrush, and broom snakeweed.

Antelope, coyote, small mammals and birds. Winter domestic sheep grazing.

Soil Type and Characteristics

Surface soils are a shallow rocky sandy clay loam.

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

No if location is reduced as planned and approved.

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?** N

Reserve Pit

Site-Specific Factors

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)	300 to 1320	10
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 30 1 **Sensitivity Level**

Characteristics / Requirements

The reserve pit is proposed on the southeast portion of the location within an area of cut. Dimensions are 75' x 175' x 12' deep. Due to the formations in the area and the short distance to the River the reserve pit should be double lined with a 20-mil liner and adequately padded. To provide for early detection of potential leaks from the reserve pit, daily monitoring of the pit level and volume needs to occur.

The Roosevelt Field Office (435-789-5474) will be notified 24 hours in advance of lining the reserve pit.

Closed Loop Mud Required? N **Liner Required?** Y **Liner Thickness** 40 **Pit Underlayment Required?** Y

Other Observations / Comments

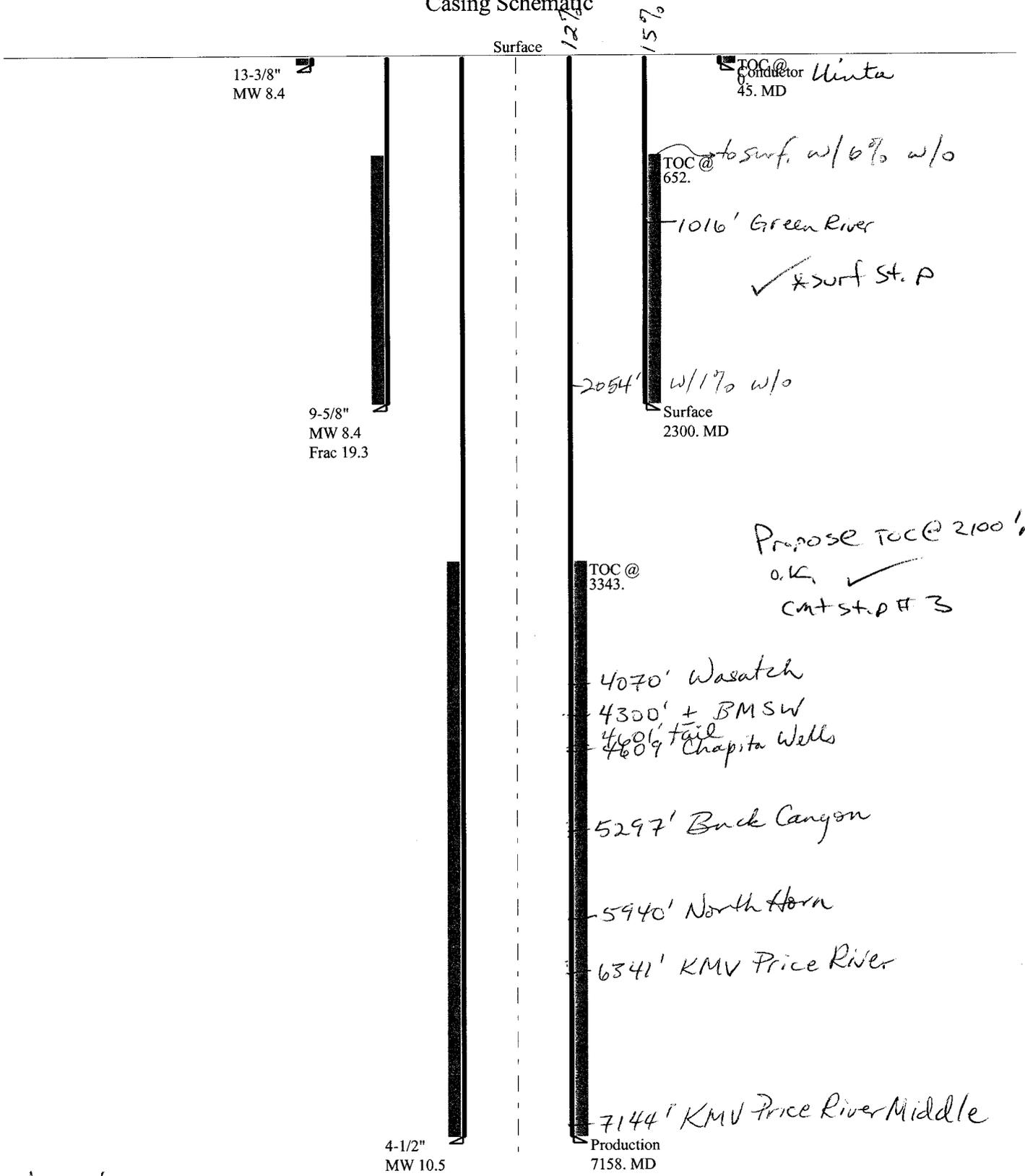
ATV's were used to access the site. GPS was not working.

Floyd Bartlett
Evaluator

12/4/2007
Date / Time

2008-01 EOG NBU 639-13E

Casing Schematic



✓ Adequate DWD 1/24/08



BOPE REVIEW

Well Name	EOG NBU 639-13E API# 43-047-50019
------------------	-----------------------------------

INPUT	EOG NBU 639-13E API# 43-047-50019			
Well Name	String 1	String 2	String 3	String 4
Casing Size (")	13 3/8	9 5/8	4 1/2	
Setting Depth (TVD)	45	2300	7158	
Previous Shoe Setting Depth (TVD)	0	45	2300	
Max Mud Weight (ppg)	8.4	8.4	10.5	
BOPE Proposed (psi)	0	5000	5000	
Casing Internal Yield (psi)	1730	3520	7780	

Calculations	String 1	13 3/8 "	
Max BHP [psi]	.052*Setting Depth*MW =	20	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	14	NO
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	10	NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	10	NO
Required Casing/BOPE Test Pressure		45 psi	
*Max Pressure Allowed @ Previous Casing Shoe =		0 psi	*Assumes 1psi/ft frac gradient

Calculations	String 2	9 5/8 "	
Max BHP [psi]	.052*Setting Depth*MW =	1005	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	729	YES
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	499	YES
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	509	NO
Required Casing/BOPE Test Pressure		2300 psi	
*Max Pressure Allowed @ Previous Casing Shoe =		45 psi	*Assumes 1psi/ft frac gradient

NO expected pressured zones/HK zones

Calculations	String 3	4 1/2 "	
Max BHP [psi]	.052*Setting Depth*MW =	3908	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	3049	YES
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	2334	YES
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	2840	NO
Required Casing/BOPE Test Pressure		5000 psi	
*Max Pressure Allowed @ Previous Casing Shoe =		2300 psi	*Assumes 1psi/ft frac gradient

Well name:	2008-01 EOG NBU 639-13E	
Operator:	EOG Resources Inc.	Project ID:
String type:	Conductor	43-047-50019
Location:	Uintah 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: 76 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 290 ft

Cement top: 0 ft

Burst

Max anticipated surface pressure: 14 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 20 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: 39 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 (ft ³)
1	45	13.375	48.00	H-40	ST&C	45	45	12.59	39.7
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	20	740	37.685	20	1730	88.10	2	322	99.99 J

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

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

Date: January 15, 2008
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 45 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:

2008-01 EOG NBU 639-13E

Operator: **EOG Resources Inc.**

String type: Surface

Project ID:

43-047-50019

Location: Uintah 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: 107 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 290 ft

Cement top: 652 ft

Burst

Max anticipated surface pressure: 2,024 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 2,300 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: 2,014 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 7,158 ft
Next mud weight: 10.500 ppg
Next setting BHP: 3,904 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 2,300 ft
Injection pressure: 2,300 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	2300	9.625	36.00	J-55	ST&C	2300	2300	8.796	998.3

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	1004	2020	2.013	2300	3520	1.53	73	394	5.43 J

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

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

Date: January 15, 2008
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 2300 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

Well name:

2008-01 EOG NBU 639-13E

Operator: **EOG Resources Inc.**

String type: Production

Project ID:
43-047-50019

Location: Uintah County

Design parameters:

Collapse

Mud weight: 10.500 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: 175 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Cement top: 3,343 ft

Burst

Max anticipated surface pressure: 2,330 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 3,904 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: 6,035 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 (ft ³)
1	7158	4.5	11.60	N-80	LT&C	7158	7158	3.875	624.7
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	3904	6350	1.626	3904	7780	1.99	70	223	3.19 J

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

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

Date: January 15, 2008
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 7158 ft, a mud weight of 10.5 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: 2/1/2008 3:00 PM
Subject: Well Clearance

CC: Davis, Jim; Garrison, LaVonne; Hill, Brad; Jarvis, Dan
The following wells have been given cultural resources clearance by the Trust Lands Cultural Resources Group:

Bill Barrett Corporation
Peters Point State 1-2D-13-16 Deep (API 43 007 31333)
State 7-16-14-13 (API 43 007 31336)
State 2-32-14-13 (API 43 007 31337)

EnCana Oil & Gas (USA) Inc
Middle Mesa State 36-12B-29-24 (API 43 037 31877)
Middle Mesa State 36-24B-29-24 (API 43 037 31878)

EOG Resources, Inc
Natural Buttes Unit 639-13E (API 43 047 50019)
Natural Buttes Unit 664-24E (API 43 047 39867)

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



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA
Division Director

February 4, 2008

EOG Resources, Inc.
1060 East Highway 40
Vernal, UT 84078

Re: NBU 639-13E Well, 859' FNL, 1902' FEL, NW NE, Sec. 13, T. 10 South, R. 22 East, Uintah County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-50019.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

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



Operator: EOG Resources, Inc.
Well Name & Number NBU 639-13E
API Number: 43-047-50019
Lease: U08512ST

Location: NW NE Sec. 13 T. 10 South R. 22 East

Conditions of Approval

1. General

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

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following action during drilling of this well:

- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- 24 hours prior to testing blowout prevention equipment – contact Dan Jarvis
- 24 hours prior to spudding the well – contact Carol Daniels
- Within 24 hours of any emergency changes made to the approved drilling program – contact Dustin Doucet
- 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:

- Plugging and abandonment or significant plug back of this well – contact Dustin Doucet
- Any changes to the approved drilling plan – 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):

- Dan Jarvis at: (801) 538-5338 office (801) 942-0871 home
- Carol Daniels at: (801) 538-5284 office
- Dustin Doucet at: (801) 538-5281 office (801) 733-0983 home

3. Reporting Requirements

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

4. 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. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.
7. Surface casing shall be cemented to the surface.
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 2100' MD as indicated in the submitted drilling plan.

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: Multiple (See Attached)
2. NAME OF OPERATOR: EOG Resources, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Natural Buttes Unit
3. ADDRESS OF OPERATOR: 1060 E. HWY 40 Vernal UT 84078		7. UNIT or CA AGREEMENT NAME: Natural Buttes Unit
PHONE NUMBER: (435) 789-0790		8. WELL NAME and NUMBER: Multiple (See Attached)
4. LOCATION OF WELL FOOTAGES AT SURFACE: Multiple (See Attached) 43 0A7 50019 NBU 639-13E QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: 10S 22E 13		9. API NUMBER: Multiple (See Attached)
COUNTY: Uintah, UT		10. FIELD AND POOL, OR WLD CAT: Natural Buttes
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"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Air Drilling Variance Request</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 authorization for air drilling operations, see attached.

COPY SENT TO OPERATOR

Date: 10.14.2008

Initials: KS

NAME (PLEASE PRINT) <u>Mickenzie Thacker</u>	TITLE <u>Operations Clerk</u>
SIGNATURE <u>Mickenzie Thacker</u>	DATE <u>9/17/2008</u>

(This space for State use only)

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

DATE: 10/17/08 (See Instructions on Reverse Side)

BY: [Signature]

RECEIVED

SEP 22 2008

DIV. OF OIL, GAS & MINING

API #	Lease #	Well Name	Footages	¼-¼ Legal Description
43-047-39309	ML-22793	NBU 620-30E	1980' FNL 680' FWL	SWNW Sec. 30 T10S R21E
43-047-50019	UTU-08512-ST	NBU 639-13E	859' FNL 1902' FEL	NWNE Sec. 13 T10S R22E
43-047-50017	ML-22790	NBU 662-24E	809' FSL 807' FWL	SWSW Sec. 24 T10S R20E
43-047-39867	ML-22790	NBU 664-24E	1810' FSL 1781' FEL	NWSE Sec. 24 T10S R20E
43-047-50018	ML-22790	NBU 665-24E	1950' FSL 660' FEL	NESE Sec. 24 T10S R20E
43-047-50012	ML-22790	NBU 667-24E	660' FSL 660' FEL	SESE Sec. 24 T10S R20E
43-047-50030	UO-1207-ST	NBU 669-29E	1927' FNL 1980' FEL	SWNE Sec. 29 T9S R22E
43-047-50027	UO-1207-ST	NBU 691-29E	680' FNL 797' FEL	NENE Sec. 29 T9S R22E

Air Drilling Operations:

1. Main Air Compressors are 1250 CFM 350 psi with 2000 psi Boosters and are rig mounted.
2. Secondary Air Compressors are 1170 CFM 350 psi with 2000 psi Boosters and are rig mounted.
3. Minimum setting depth of conductor casing will be 60' GL or 10'± into competent formation, whichever is deeper, as determined by the EOG person in charge. Exceptions must be approved by an EOG drilling superintendent or manager.
4. The diameter of the diverter flow line will be a minimum of 10" to help reduce back pressure on the well bore during uncontrolled flow.
5. Rat and Mouse hole drilling will occur only after surface casing has been set and cemented.
6. EOG Resources, Inc. will use a properly maintained and lubricated stripper head.

VARIANCE REQUESTS:

Reference: Onshore Oil and Gas Order No. 1

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

1. EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line to be 100' in length. (Where possible, a straight run blooie line will be used).
2. EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be approximately 75' in length.
3. EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring dedusting equipment. Dust during air drilling operations is controlled by water mist.
4. EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring an automatic igniter or continuous pilot light on the blooie line. (Not required on aerated water system).
5. EOG Resources, Inc. requests a variance that compressors are located in the opposite direction from the blooie line a minimum of 100 feet from the well bore. (Air Compressors are rig mounted).

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: U08512ST
2. NAME OF OPERATOR: EOG Resources, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1060 East Highway 40 Vernal UT 84078		7. UNIT or CA AGREEMENT NAME: Natural Buttes
4. LOCATION OF WELL FOOTAGES AT SURFACE: 859' FNL & 1902' FEL 39.953833 LAT 109.385667 LON QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 13 10S 22E S.L.B. & M.		8. WELL NAME and NUMBER: Natural Buttes Unit 639-13E
PHONE NUMBER: (435) 781-9145		9. API NUMBER: 43-047-50019
COUNTY: Uintah		10. FIELD AND POOL, OR WILDCAT: Natural Buttes
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 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>APD EXTENSION REQUEST</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 APD for the referenced well be extended for one year.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 02-05-09
By: [Signature]

COPY SENT TO OPERATOR
Date: 2-5-2009
Initials: KS

NAME (PLEASE PRINT) <u>Mickenzie Thacker</u>	TITLE <u>Operations Clerk</u>
SIGNATURE <u>[Signature]</u>	DATE <u>1/29/2009</u>

(This space for State use only)

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

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 43-047-50019
Well Name: Natural Buttes Unit 639-13E
Location: 859 FNL & 1902 FEL (NWNE), SECTION 13, T10S, R22E S.L.B.&M
Company Permit Issued to: EOG Resources, Inc.
Date Original Permit Issued: 2/4/2008

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 right-of-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

Mickenna Thacker
Signature

1/29/2009

Date

Title: Operations Clerk

Representing: EOG Resources, Inc.

RECEIVED
FEB 02 2009
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: U08512ST
		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: Natural Buttes
		8. WELL NAME and NUMBER: Natural Buttes Unit 639-13E
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	9. API NUMBER: 43-047-50019	
2. NAME OF OPERATOR: EOG Resources, Inc.	3. ADDRESS OF OPERATOR: 1060 East Highway 40 Vernal UT 84078	10. FIELD AND POOL, OR WILDCAT: Natural Buttes
4. LOCATION OF WELL FOOTAGES AT SURFACE: 859' FNL & 1902' FEL 39.953833 LAT 109.385667 LON COUNTY: Uintah QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 13 10S 22E 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"/> 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 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"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Change Drilling Plan</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 authorization to change the Drilling Plan as per the attached.

Conductor size: Item 4

Logs: Item 8

Please see the attached revised Drilling Plan reflecting the purposed changes.

COPY SENT TO OPERATOR
Date: 3.4.2009
Initials: KS

NAME (PLEASE PRINT) Mickenzie Thacker TITLE Operations Clerk
SIGNATURE *Mickenzie Thacker* DATE 2/20/2009

(This space for State use only)

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FEB 23 2009
DIV. OF OIL GAS & MINING

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 2/26/09
BY: *[Signature]*

4. CASING PROGRAM:

<u>CASING</u>	<u>Hole Size</u>	<u>Length</u>	<u>Size</u>	<u>WEIGH T</u>	<u>Grade</u>	<u>Thread</u>	<u>Rating Collapse</u>	<u>Factor Burst</u>	<u>Tensile</u>
Conductor	26"	40 - 60'	16"	65#	H-40	STC	670 PSI	1640 PSI	736,000#

8. EVALUATION PROGRAM:

Cased-hole Logs:

Cased-hole logs will be run in lieu of open-hole logs consisting of the following: **Cement Bond / Casing Collar Locator / Variable Density and Gamma Ray**

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FEB 23 2009
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EIGHT POINT PLAN

NATURAL BUTTES UNIT 639-13E
NW/NE, SEC. 13, T10S, R22E, S.L.B.&M..
UINTAH COUNTY, UTAH

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

FORMATION	TVD-RKB (ft)	Objective	Lithology	
Green River	1,106		Shale	
Wasatch	4,070	Primary	Sandstone	Gas
Chapita Wells	4,609	Primary	Sandstone	Gas
Buck Canyon	5,297	Primary	Sandstone	Gas
North Horn	5,940	Primary	Sandstone	Gas
KMV Price River	6,341	Primary	Sandstone	Gas
KMV Price River Middle	7,144	Primary	Sandstone	Gas
TD	7,158			

Estimated TD: **7,158' or 200'± below TD** **Anticipated BHP: 3,910 Psig**

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

3. PRESSURE CONTROL EQUIPMENT: Production Hole – 5000 Psig
 BOP schematic diagrams attached.

4. CASING PROGRAM:

<u>CASING</u>	<u>Hole Size</u>	<u>Length</u>	<u>Size</u>	<u>WEIGH T</u>	<u>Grade</u>	<u>Thread</u>	<u>Rating Collapse</u>	<u>Factor Burst</u>	<u>Tensile</u>
Conductor or	26"	40 - 60'	16"	65#	H-40	STC	670 PSI	1640 PSI	736,000#

Note: 12-1/4" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-5/8" as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone.

All casing will be new or inspected.

EIGHT POINT PLAN
NATURAL BUTTES UNIT 639-13E
NW/NE, SEC. 13, T10S, R22E, S.L.B.&M..
UINTAH COUNTY, UTAH

5. Float Equipment:

Surface Hole Procedure (0' - 2300'±)

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of jts. #2 and #3 then every 5th joint to surface. (15 total)

Production Hole Procedure (2300'± - TD):

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-½", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 2nd joint to 400' above Wasatch Island top. Thread lock float shoe, top and bottom of float collar, and top of 2nd joint.

6. MUD PROGRAM

Surface Hole Procedure (Surface - 2300'±):

Air/air mist or aerated water.

Production Hole Procedure (2300'± - TD): Anticipated mud weight 9.5 – 10.5 ppg depending on actual wellbore conditions encountered while drilling.

2300'± - 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. 1
Onshore Oil and Gas Order No. 2 – Section E: Special Drilling Operations

- EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line to be 100' in length. (Where possible, a straight run blooie line will be used).

-

EIGHT POINT PLAN

NATURAL BUTTES UNIT 639-13E NW/NE, SEC. 13, T10S, R22E, S.L.B.&M.. UINTAH COUNTY, UTAH

-
- EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be approximately 75' in length.
- EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring dedusting equipment. Dust during air drilling operations is controlled by water mist.
- EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring an automatic igniter or continuous pilot light on the blooie line. (Not required on aerated water system).
- EOG Resources, Inc. requests a variance that compressors are located in the opposite direction from the blooie line a minimum of 100 feet from the well bore. (Air Compressors are rig mounted).

8. EVALUATION PROGRAM:

Cased-hole Logs: Cased-hole logs will be run in lieu of open-hole logs consisting of the following: **Cement Bond / Casing Collar Locator / Variable Density and Gamma Ray**

9. CEMENT PROGRAM:

Surface Hole Procedure (Surface - 2300'±):

Lead: 185 sks Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCl₂, 3 lb/sx GR3 ¼ #/sx Flocele mixed at 11 ppg, 3.82 ft³/sk. yield, 23 gps water.

Tail: 207 sks Class "G" cement with 2% CaCl₂, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft³/sk., 5.2 gps water.

Top Out: As necessary with Class "G" cement with 2% CaCl₂, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft³/sk., 5.2 gps water.

Note: Cement volumes will be calculated to bring lead cement to surface and tail cement to 500' above the casing shoe.

Production Hole Procedure (2300'± - TD)

Lead: 101 sks: Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44

EIGHT POINT PLAN

NATURAL BUTTES UNIT 639-13E
NW/NE, SEC. 13, T10S, R22E, S.L.B.&M..
UINTAH COUNTY, UTAH

(Salt), 0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29 (cello flakes) mixed at 11.0 ppg, 3.91 ft³/sk., 24.5 gps water.

Tail: **627 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 Wasatch.

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

10. ABNORMAL CONDITIONS:

Surface Hole (Surface - 2300'±):

Lost circulation

Production Hole (2300'± - TD):

Sloughing shales, lost circulation and key seat development are possible in the Wasatch 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.

EIGHT POINT PLAN

NATURAL BUTTES UNIT 639-13E
NW/NE, SEC. 13, T10S, R22E, S.L.B.&M..
UINTAH COUNTY, UTAH

13. Air Drilling Operations:

1. Main Air Compressors are 1250 CFM 350 psi with 2000 psi Boosters and are rig mounted.
2. Secondary Air Compressors are 1170 CFM 350 psi with 2000 psi Boosters and are rig mounted.
3. Minimum setting depth of conductor casing will be 60' GL or 10'± into competent formation, whichever is deeper, as determined by the EOG person in charge. Exceptions must be approved by an EOG drilling superintendent or manager.
4. The diameter of the diverter flow line will be a minimum of 10" to help reduce back pressure on the well bore during uncontrolled flow.
5. Rat and Mouse hole drilling will occur only after surface casing has been set and cemented.
6. EOG Resources, Inc. will use a properly maintained and lubricated stripper head.

(Attachment: BOP Schematic Diagram)

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: EOG Resources, Inc.

Well Name: NBU 639-13E

API No: 43-047-50019 Lease Type: State

Section 13 Township 10S Range 22E County Uintah

Drilling Contractor Craig's Roustabout Service Rig # Bucket

SPUDDED:

Date 03/10/09

Time 08:30 AM

How Dry

Drilling will Commence: _____

Reported by Jerry Barnes

Telephone # 435-828-1720

Date 03/10/2009 Signed RM

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: U08512ST
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: Natural Buttes
2. NAME OF OPERATOR: EOG Resources, Inc.			8. WELL NAME and NUMBER: Natural Buttes Unit 639-13E
3. ADDRESS OF OPERATOR: 1060 East Highway 40 CITY Vernal STATE UT ZIP 84078		PHONE NUMBER: (435) 781-9145	9. API NUMBER: 43-047-50019
4. LOCATION OF WELL FOOTAGES AT SURFACE: 859' FNL & 1902' FEL 39.953833 LAT 109.385667 LON COUNTY: Uintah QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 13 10S 22E S.L.B. & M. STATE: UTAH			10. FIELD AND POOL, OR WILDCAT: Natural Buttes

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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>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 was spud on 3/10/2009.

NAME (PLEASE PRINT) <u>Mickenzie Thacker</u>	TITLE <u>Operations Clerk</u>
SIGNATURE <u><i>Mickenzie Thacker</i></u>	DATE <u>3/11/2009</u>

(This space for State use only)

RECEIVED
MAR 16 2009

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

FORM 6

ENTITY ACTION FORM

Operator: EOG Resources, Inc. Operator Account Number: N 9550
 Address: 1060 East Highway 40
city Vernal
state UT zip 84078 Phone Number: (435) 781-9145

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-38730	LOST LOVE 1-12		NWNW	12	11S	21E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	17294	3/7/2009		3/19/09		
Comments: WASATCH/MESAVERDE PRR = MVRD WSMVD							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-50019	NATURAL BUTTES UNIT 639-13E		NWNE	13	10S	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
*B	99999	2900	3/10/2009		3/19/09		
Comments: WASATCH/MESAVERDE PRR = MVRD = WSMVD							

Well 3

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

ACTION CODES:

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

Mickenzie Thacker

Name (Please Print)

Mickenzie Thacker
Signature

Operations Clerk

3/11/2009

Title

Date

RECEIVED

MAR 12 2009

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: U08512ST
			6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
			7. UNIT or CA AGREEMENT NAME: Natural Buttes
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____			8. WELL NAME and NUMBER: Natural Buttes Unit 639-13E
2. NAME OF OPERATOR: EOG Resources, Inc.			9. API NUMBER: 43-047-50019
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QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 13 10S 22E 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
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	<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 type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Change Conductor</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 authorization to change the conductor size as follows:

Casing: Conductor
Hole Size: 20"
Length: 40-60'
Size: 14"
Weight: 32.5#
Grade: A252
Factor Burst: 1880 PSI
Tensile: 10,000#

COPY SENT TO OPERATOR

Date: 3-26-2009

Initials: KS

NAME (PLEASE PRINT) <u>Mickenzie Thacker</u>	TITLE <u>Operations Clerk</u>
SIGNATURE <u>Mickenzie Thacker</u>	DATE <u>3/17/2009</u>

(This space for State use only)

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

DATE: 3/23/09
BY: [Signature]

(5/2000)

(See Instructions on Reverse Side)

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

4. CASING PROGRAM:

<u>CASING</u>	<u>Hole Size</u>	<u>Length</u>	<u>Size</u>	<u>WEIGHT</u>	<u>Grade</u>	<u>Factor Burst</u>	<u>Tensile</u>
Conductor	20"	40-60'	14"	32.5#	A252	1880 PSI	10,000#

EIGHT POINT PLAN

NATURAL BUTTES UNIT 639-13E
NW/NE, SEC. 13, T10S, R22E, S.L.B.&M..
UINTAH COUNTY, UTAH

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

FORMATION	TVD-RKB (ft)	Objective	Lithology	
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Estimated TD: **7,158' or 200'± below TD** **Anticipated BHP: 3,910 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 – 5000 Psig
BOP schematic diagrams attached.

4. CASING PROGRAM:

<u>CASING</u>	<u>Hole Size</u>	<u>Length</u>	<u>Size</u>	<u>WEIGHT</u>	<u>Grade</u>	<u>Factor Burst</u>	<u>Tensile</u>
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All casing will be new or inspected.

EIGHT POINT PLAN

NATURAL BUTTES UNIT 639-13E NW/NE, SEC. 13, T10S, R22E, S.L.B.&M.. UINTAH COUNTY, UTAH

5. Float Equipment:

Surface Hole Procedure (0' - 2300'±)

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of jts. #2 and #3 then every 5th joint to surface. (15 total)

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-

EIGHT POINT PLAN

NATURAL BUTTES UNIT 639-13E NW/NE, SEC. 13, T10S, R22E, S.L.B.&M.. UINTAH COUNTY, UTAH

-
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Tail: 207 sks Class "G" cement with 2% CaCl₂, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft³/sk., 5.2 gps water.

Top Out: As necessary with Class "G" cement with 2% CaCl₂, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft³/sk., 5.2 gps water.

Note: Cement volumes will be calculated to bring lead cement to surface and tail cement to 500' above the casing shoe.

Production Hole Procedure (2300'± - TD)

Lead: 101 sks: Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44

EIGHT POINT PLAN

NATURAL BUTTES UNIT 639-13E
NW/NE, SEC. 13, T10S, R22E, S.L.B.&M..
UINTAH COUNTY, UTAH

(Salt), 0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29 (cello flakes) mixed at 11.0 ppg, 3.91 ft³/sk., 24.5 gps water.

Tail: **627 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 Wasatch.

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

10. ABNORMAL CONDITIONS:

Surface Hole (Surface - 2300'±):

Lost circulation

Production Hole (2300'± - TD):

Sloughing shales, lost circulation and key seat development are possible in the Wasatch 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.

EIGHT POINT PLAN

NATURAL BUTTES UNIT 639-13E
NW/NE, SEC. 13, T10S, R22E, S.L.B.&M..
UINTAH COUNTY, UTAH

13. Air Drilling Operations:

1. Main Air Compressors are 1250 CFM 350 psi with 2000 psi Boosters and are rig mounted.
2. Secondary Air Compressors are 1170 CFM 350 psi with 2000 psi Boosters and are rig mounted.
3. Minimum setting depth of conductor casing will be 60' GL or 10'± into competent formation, whichever is deeper, as determined by the EOG person in charge. Exceptions must be approved by an EOG drilling superintendent or manager.
4. The diameter of the diverter flow line will be a minimum of 10" to help reduce back pressure on the well bore during uncontrolled flow.
5. Rat and Mouse hole drilling will occur only after surface casing has been set and cemented.
6. EOG Resources, Inc. will use a properly maintained and lubricated stripper head.

(Attachment: BOP Schematic Diagram)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: U08512ST
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: NATURAL BUTTES
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: NBU 639-13E
2. NAME OF OPERATOR: EOG Resources, Inc.	9. API NUMBER: 43047500190000
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Vernal, UT, 84078	PHONE NUMBER: 435 781-9111 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0859 FNL 1902 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 13 Township: 10.0S Range: 22.0E Meridian: S	9. FIELD and POOL or WILDCAT: NATURAL BUTTES COUNTY: UINTAH STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 6/27/2009	<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 checked="" 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: _____

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

The referenced well was turned to sales on 6/27/2009. Please see the attached operations summary report for drilling and completion operations performed on the subject well.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 July 01, 2009

NAME (PLEASE PRINT) Mickenzie Thacker	PHONE NUMBER 435 781-9145	TITLE Operations Clerk
SIGNATURE N/A	DATE 7/1/2009	

WELL CHRONOLOGY REPORT

Report Generated On: 07-01-2009

Well Name	NBU 639-13E	Well Type	DEVG	Division	DENVER
Field	NATURAL BUTTES UNIT	API #	43-047-50019	Well Class	COMP
County, State	UINTAH, UT	Spud Date	03-28-2009	Class Date	
Tax Credit	N	TVD / MD	7,158/ 7,158	Property #	062346
Water Depth	0	Last CSG	2.375	Shoe TVD / MD	5,099/ 5,099
KB / GL Elev	5,304/ 5,291				
Location	Section 13, T10S, R22E, NWNE, 859 FNL & 1902 FEL				

Event No	1.0	Description	DRILL & COMPLETE		
Operator	EOG RESOURCES, INC	WI %	100.0	NRI %	72.273

AFE No	306018	AFE Total	1,226,400	DHC / CWC	535,600/ 690,800
Rig Contr	ELENBURG	Rig Name	ELENBURG #28	Start Date	02-07-2008
02-07-2008	Reported By	CYNTHIA HANSELMAN			
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
06:00	06:00	24.0	LOCATION DATA
			859' FNL & 1902' FEL (NW/NE)
			SECTION 13, T10S, R22E
			UINTAH COUNTY, UTAH
			LAT 39.953833, LONG 109.385667 (NAD 83)
			LAT 39.953867, LONG 109.384986 (NAD 27)
			ELENBURG #28
			OBJECTIVE: 7158' TD, WASATCH
			DW/GAS
			NATURAL BUTTES DEEP PROSPECT
			DD&A: NATURAL BUTTES
			NATURAL BUTTES FIELD
			LEASE: MINERAL #U08512ST
			ELEVATION: 5295.9' NAT GL, 5191.2' PREP GL (DUE TO ROUNDING THE PREP GL WILL BE 5291'), 5304' KB (13')
			EOG WI 100%, NRI 72.273139%

02-24-2009 Reported By TERRY CSERE

DailyCosts: Drilling \$60,000 **Completion** \$0 **Daily Total** \$60,000
Cum Costs: Drilling \$60,000 **Completion** \$0 **Well Total** \$60,000
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	START CONSTRUCTION OF LOCATION TODAY 02/24/2009.

02-25-2009 **Reported By** TERRY CSERE

DailyCosts: Drilling \$0 **Completion** \$0 **Daily Total** \$0
Cum Costs: Drilling \$60,000 **Completion** \$0 **Well Total** \$60,000
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 10% COMPLETE.

02-26-2009 **Reported By** TERRY CSERE

DailyCosts: Drilling \$0 **Completion** \$0 **Daily Total** \$0
Cum Costs: Drilling \$60,000 **Completion** \$0 **Well Total** \$60,000
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	ROCKED OUT LOCATION & PIT.

02-27-2009 **Reported By** TERRY CSERE

DailyCosts: Drilling \$0 **Completion** \$0 **Daily Total** \$0
Cum Costs: Drilling \$60,000 **Completion** \$0 **Well Total** \$60,000
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	ROCKED OUT. DRILLING ROCK.

03-02-2009 **Reported By** TERRY CSERE

DailyCosts: Drilling \$0 **Completion** \$0 **Daily Total** \$0
Cum Costs: Drilling \$60,000 **Completion** \$0 **Well Total** \$60,000
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 IS 80% COMPLETE.

03-03-2009 **Reported By** TERRY CSERE

Cum Costs: Drilling \$443,203 **Completion** \$0 **Well Total** \$443,203
MD 2,854 **TVD** 2,854 **Progress** 765 **Days** 1 **MW** 9.4 **Visc** 33.0
Formation : **PBTD : 0.0** **Perf :** **PKR Depth : 0.0**

Activity at Report Time: DRILLING @ 2854'

Start	End	Hrs	Activity Description
06:00	07:00	1.0	RIG DOWN & HOLD SAFETY MEETING ON MOVING RIG.
07:00	12:00	5.0	MOVE 7.5 MILES & RIG UP ON NBU 639-13E SET BOP TEST DTO HEAD TO 5000 PSI. W/ FMC LOCK DOWN BOP, CONTINUE RIGGING UP. INSTALL NIGHT CAP ON CWU 757-28 W/ FMC.
12:00	16:00	4.0	NIPPLE UP B.O.P & FLAIR LINES. RIG ON DAYWORK @ 12:00 HOURS ON 03/28/2009.
16:00	19:30	3.5	PRESSURE TEST B.O.P AS FOLLOWS: PIPE RAMS, BLIND RAMS, CHOKE, CHOKE LINE, KILL LINE, UPPER KELLY, FLOOR VALVES & DART VALVE TO 250 PSI LOW & 5000 PSI HIGH, TEST ANNULAR 250 PSI LOW & 2500 PSI HIGH. TEST CASING TO 1500 PSI FOR 30 MIN.
19:30	20:00	0.5	INSTALL WEAR BUSHING.
20:00	22:30	2.5	MAKE UP BIT #1 & PICK UP DRILL STRING.
22:30	23:00	0.5	DRILL CEMENT, FLOAT & SHOE.
23:00	23:30	0.5	RUN FIT TEST @ 2089' WITH 9.5 PPG MUD & 175 PSI = 11.1 PPG EMW.
23:30	00:00	0.5	SURVEY @ 2089' = 6 DEG.
00:00	05:30	5.5	DRILL ROTATE 2089' -2854', 10-18K WOB, 55/68, 125 SPM, 426 GPM, 150-300 PSI DIFF, 139 FPH. MUD WT 9.4 PPG & 33 VIS.
05:30	06:00	0.5	SURVEY @ 2812'.
SAFETY MEETING ON MOVING RIG & PRESSURE TESTING B.O.P. WEATHER IS CLEAR & TEMP IS 44 DEG. FULL CREWS & NO ACCIDENTS. COM OK. FUEL 4672 GAL. FORMATION MAHOGANY OIL SHALE. MUD WT 9.4 PPG & 33 VIS.			
06:00	SPUD A 7 7/8" HOLE @ 23:00 HOURS ON 03/28/2009.		

03-30-2009 **Reported By** JESSE TATMAN

Daily Costs: Drilling \$35,081 **Completion** \$0 **Daily Total** \$35,081
Cum Costs: Drilling \$478,284 **Completion** \$0 **Well Total** \$478,284
MD 5,209 **TVD** 5,209 **Progress** 2,355 **Days** 2 **MW** 9.5 **Visc** 33.0
Formation : **PBTD : 0.0** **Perf :** **PKR Depth : 0.0**

Activity at Report Time: DRILLING @ 5209'.

Start	End	Hrs	Activity Description
06:00	06:30	0.5	SURVEY @ 2812' = MISS RUN.
06:30	07:00	0.5	DRILL ROTATE 2854' - 2899', 10-18K WOB, 55/68, 125 SPM, 426 GPM, 150-300 PSI DIFF, 90 FPH. MUD WT 9.5 PPG & 33 VIS.
07:00	07:30	0.5	SURVEY @ 2854' = 3.75 DEG.
07:30	12:00	4.5	DRILL ROTATE 2899' - 3534, 14-18K WOB, 55/65, 120 SPM, 426 GPM, 150-300 PSI DIFF, 141 FPH.

MUD WT 9.8 PPG & 33 VIS.

12:00 12:30 0.5 SURVEY @ 3489' = 3.25
 12:30 06:00 17.5 DRILL ROTATE 3534' - 5209', 14-18K WOB, 55/65, 120 SPM, 426 GPM, 150-300 PSI DIFF, 96 FPH.

SAFETY MEETING ON OPERATING FORKLIFT & MAKING CONNECTIONS..
 WEATHER IS CLEAR & TEMP IS 24 DEG.
 FULL CREWS & NO ACCIDENTS.
 COM OK.
 FUEL 3218 GAL.
 FORMATION CHAPITA WELLS.
 MUD WT 10.1 PPG & 34 VIS.

03-31-2009 **Reported By** JESSE TATMAN

DailyCosts: Drilling	\$31,249	Completion	\$0	Daily Total	\$31,249						
Cum Costs: Drilling	\$509,533	Completion	\$0	Well Total	\$509,533						
MD	7,080	TVD	7,080	Progress	1,871	Days	3	MW	10.2	Visc	37.0
Formation :	PBTD : 0.0		Perf :	PKR Depth : 0.0							

Activity at Report Time: DRILLING @ 7080'.

Start	End	Hrs	Activity Description
06:00	13:00	7.0	DRILL ROTATE 5209' - 5955', 14-18K WOB, 55/65, 120 SPM, 426 GPM, 150-300 PSI DIFF, 107 FPH. MUD WT 10.3 PPG & 36 VIS.
13:00	13:30	0.5	SERVICE RIG.
13:30	06:00	16.5	DRILL ROTATE 5955' - 7080', 14-18K WOB, 55/65, 120 SPM, 426 GPM, 150-300 PSI DIFF, 68 FPH.

SAFETY MEETING ON UNLOADING CASING OFF TRUCKS & HOUSE KEEPING.
 WEATHER IS CLEAR & TEMP IS 22 DEG.
 FULL CREWS & NO ACCIDENTS.
 COM OK.
 FUEL 1869 GAL.
 FORMATION PRICE RIVER.
 MUD WT 10.8 PPG & 37 VIS.

04-01-2009 **Reported By** JESSE TATMAN

DailyCosts: Drilling	\$36,434	Completion	\$137,373	Daily Total	\$173,807						
Cum Costs: Drilling	\$545,968	Completion	\$137,373	Well Total	\$683,341						
MD	7,158	TVD	7,158	Progress	78	Days	4	MW	10.8	Visc	42.0
Formation :	PBTD : 0.0		Perf :	PKR Depth : 0.0							

Activity at Report Time: CEMENTING PROD CASING

Start	End	Hrs	Activity Description
06:00	07:00	1.0	DRILL ROTATE 7080' - 7158', 14-18K WOB, 55/65, 120 SPM, 426 GPM, 150-300 PSI DIFF, 78 FPH. REACHEAD TD @ 07:00 HRS, 3/31/09.
07:00	07:30	0.5	CIRCULATE FOR SHORT TRIP.
07:30	09:00	1.5	WIPER TRIP, SHORT TRIP 20 STANDS.
09:00	10:30	1.5	CIRCULATE FOR LAYING DOWN DRILL STRING.
10:30	19:00	8.5	LAYDOWN DRILL STRING WORK TIGHT HOLE F/5864' - 2767'.

19:00 20:00 1.0 RIG UP CASING CREW & HOLD SAFETY MEETIN ON RUNNING CASING.

20:00 02:30 6.5 RAN 163 TOTAL JOINTS (163 FULL JOINTS + 2 MARKER JOINTS) OF 4.5", 11.6#, P-110, LT&C CASING AS FOLLOWS: 1 WEATHERFROD FLOAT SHOE SET @ 7138', 1 JOINT OF CASING, 1 WEATHERFORD FLOAT COLLAR SET @ 7092', 27 JOINTS OF CASING, 1- 21' MARKER JOINT SET @ 5900' - 5921', 52 JOINTS OF CASING, 1- 19' MARKER JOINT SET @ 3633'-3653', 83 JOINTS OF CASING & 1 CASING HANGER ASSEMBLY. RUN 15 TOTAL CENTRALIZERS AS FOLLOWS, 5' ABOVE SHOE ON JOINT #1 & ON TOP OF JOINT #2, THEN EVERY 2ND JOINT TO JOINT #28 @ 5921'. CONFIRMED TD WITH CASING, TAGGING AT 7158' WITH JOINT #164. SET CASING IN MANDREL HANGER WITH FULL STRING WEIGHT. (60,000# WITHOUT BLOCK

02:30 04:00 1.5 CIRCULATE FOR CEMENT).

RIG DOWN CASING CREW & RIG UP CEMENTERS. HOLD SAFETY MEETING ON CEMENTING.

04:00 06:00 2.0 CEMENTING 4 1/2" CASING (DETAILS ON NEXT REPORT)

SAFETY MEETING ON RUNNING CASING & CEMENTING.
 WEATHER IS CLOUDY & TEMP IS 31 DEG.
 FULL CREWS & NO ACCIDENTS.
 COM OK.
 FUEL 1112 GAL.
 FORMATION PRICE RIVER.
 MUD WT 10.8 PPG & 37 VIS.

04-02-2009	Reported By	JESSE TATMAN									
Daily Costs: Drilling	\$19,903	Completion	\$35,126	Daily Total	\$55,029						
Cum Costs: Drilling	\$565,871	Completion	\$172,499	Well Total	\$738,371						
MD	7,158	TVD	7,158	Progress	0	Days	5	MW	0.0	Visc	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	06:15	0.25	RIGGED UP CEMENT HEAD, PRESSURE TESTED LINES TO 5000 PSI & CEMENT 4 1/2" PRODUCTION CASING AS FOLLOWS: PUMPED 20 BBLS MUD FLUSH SPACER. PUMPED 395 SACKS (129 BBLS) OF HIGHBOND 75 PREMIUM - CLASS G CEMENT WITH 2% BENTONITE, 2 MICROBOND, .3% VERSASET @ 12.00 PPG, 1.837 CFPS, 9.863 GPS FRESH WATER. PUMPED LEAD CEMENT @ 5 BPM & 400 PSI. PUMPED 925 SACKS (240 BBLS) EXTENDACEM (TM) SYSTEM PREMIUM - CLASS G CEMENT WITH .125 LBM/SK POLY-E-FLAKE (LOST CIRCULATION ADDITIVE), 2% BENTONITE, .75% HALAD (R)-322, 3% POTASSIUM CHLORIDE- KCL, 3 LBM SILICATE - COMPACTED, .2% WG-17, 13.50 PPG, 1.47 CFPS, 6.98 GPS FRESH WATER. PUMPED TAIL CEMENT @ 6 BPM & 250 PSI. DISPLACED WITH TOTAL OF 110 BBLS FRESH WATER. FIRST 100 BBLS DISPLACEMENT @ 6 BPM & 150-2200 PSI, 10 BBLS SHY OF BUMPING PLUG, REDUCED DISPLACEMENT RATE TO 2 BPM & 2000 PSI. BUMPED PLUG WITH 3000 PSI @ 06:00 HOURS, CHECKED FLOATS & FLOATS HELD. (NO CEMENT TO SURFACE).
06:15	07:15	1.0	RIG DOWN CEMENTERS & HOLD 50 PSI ON 4 1/2" CASING.
07:15	08:30	1.25	BACK OUT LANDING JOINT, SET PACKOFF & TEST TO 5000 PSI FOR 15 MIN.
08:30	11:30	3.0	RIG DOWN.
SAFETY MEETING ON CEMENTING. FULL CREWS & NO ACCIDENTS. COM OK. TRANSFER 1013 GAL OF DIESEL FUEL @ \$1.90/GAL TRANSFER 6 JOINTS 253.37' OF 4.5" P-110, 11.6#, LTC CASING TO NBU 638-13E.			

TRANSFER 1 MARKER JOINT 19.02' OF 4.5", P-110, 11.6#, LTC CASING TO NBU 638-13E.
 MOVING RIG .5 MILES TO NBU 638-13E.
 TRUCKS SCHEDULED FOR 04/01/2009.

11:30 RIG RELEASED @ 11:30 HRS, 04/01/2009.
 CASING POINT COST \$565,872

04-12-2009		Reported By		SEARLE							
DailyCosts: Drilling		\$0	Completion		\$37,300	Daily Total		\$37,300			
Cum Costs: Drilling		\$565,871	Completion		\$209,799	Well Total		\$775,671			
MD	7,158	TVD	7,158	Progress	0	Days	6	MW	0.0	Visc	0.0
Formation :			PBTD : 7093.0			Perf :			PKR Depth : 0.0		
Activity at Report Time: PREP FOR FRACS											
Start	End	Hrs	Activity Description								
06:00	06:00	24.0	MIRU SCHLUMBERGER. LOG WITH RST/CBL/CCL/VDL/GR FROM PBTD 530'. EST CEMENT TOP @ 630'. RD SCHLUMBERGER.								

06-11-2009		Reported By		MCCURDY							
DailyCosts: Drilling		\$0	Completion		\$1,448	Daily Total		\$1,448			
Cum Costs: Drilling		\$565,871	Completion		\$211,247	Well Total		\$777,119			
MD	7,158	TVD	7,158	Progress	0	Days	7	MW	0.0	Visc	0.0
Formation :			PBTD : 7093.0			Perf :			PKR Depth : 0.0		
Activity at Report Time: WO COMPLETION											
Start	End	Hrs	Activity Description								
06:00	06:00	24.0	NU 10M FRAC TREE. PRESSURE TESTED FRAC TREE & CASING TO 6500 PSIG. WO COMPLETION.								

06-16-2009		Reported By		MCCURDY							
DailyCosts: Drilling		\$0	Completion		\$140,157	Daily Total		\$140,157			
Cum Costs: Drilling		\$565,871	Completion		\$351,404	Well Total		\$917,276			
MD	7,158	TVD	7,158	Progress	0	Days	8	MW	0.0	Visc	0.0
Formation : MESAVERDE / WASATCH			PBTD : 7093.0			Perf : 5129'-6992'			PKR Depth : 0.0		
Activity at Report Time: PREP TO MIRUSU											
Start	End	Hrs	Activity Description								
06:00	06:00	24.0	RU CUTTERS WIRELINE & PERFORATE UPR FROM 6768'-69', 6783'-84', 6849'-50', 6855'-56', 6859'-60', 6869'-70', 6893'-94', 6912'-13', 6920'-21', 6983'-84', 6987'-88', 6991'-92' @ 3 SPF @ 120 PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/42 GAL K-87 MICROBIOCIDE, 165 GAL GYPTRON T-106, 8373 GAL 16# LINEAR W/11000# 20/40 SAND @ 1-1.5 PPG, 24869 GAL 16# DELTA 140 W/82700# 20/40 SAND @ 2-4 PPG. MTP 5327 PSIG. MTR 52.1 BPM. ATP 4145 PSIG. ATR 46 BPM. ISIP 2410 PSIG. RD HALLIBURTON.								

RUWL. SET 6K CFP AT 6700'. PERFORATE UPR FROM 6432'-33', 6442'-43', 6460'-61', 6465'-66', 6528'-29', 6558'-60', 6617'-18', 6644'-45', 6670'-71', 6675'-76' @ 3 SPF @ 120 PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/42 GAL K-87 MICROBIOCIDE, 165 GAL GYPTRON T-106, 8289 GAL 16# LINEAR W/10900# 20/40 SAND @ 1-1.5 PPG, 24807 GAL 16# DELTA 140 W/83300# 20/40 SAND @ 2-4 PPG. MTP 6150 PSIG. MTR 51.6 BPM. ATP 4408 PSIG. ATR 46 BPM. ISIP 2562 PSIG. RD HALLIBURTON.

RUWL. SET 6K CFP AT 6380'. PERFORATE NORTH HORN FROM 6117'-18', 6202'-03', 6221'-22', 6225'-26', 6240'-41', 6246'-47', 6252'-53', 6283'-84', 6322'-23', 6348'-50', 6357'-58' @ 3 SPF @ 120 PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/42 GAL K-87 MICROBIOCIDE, 165 GAL GYPTRON T-106, 8515 GAL 16# LINEAR W/11200# 20/40 SAND @ 1-1.5 PPG, 35576 GAL 16# DELTA 140 W/119700# 20/40 SAND @ 2-4 PPG. MTP 5081 PSIG. MTR 52.1 BPM. ATP 3897 PSIG. ATR 47.9 BPM. ISIP 2346 PSIG. RD HALLIBURTON.

RUWL. SET 6K CFP AT 6060'. PERFORATE Ba FROM 5663'-64', 5714'-15', 5800'-01', 5806'-07' (MISFIRED), 5807'-08', 5839'-40', 5904'-05', 5989'-91', 6000'-01', 6030'-31', 6036'-37' @ 3 SPF @ 120 PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/42 GAL K-87 MICROBIOCIDE, 12131 GAL 16# LINEAR W/14900# 20/40 SAND @ 1-1.5 PPG, 17942 GAL 16# DELTA 140 W/58900# 20/40 SAND @ 2-4 PPG. MTP 6126 PSIG. MTR 49.6 BPM. ATP 4862 PSIG. ATR 37.3 BPM. ISIP 1906 PSIG. RD HALLIBURTON.

RUWL. SET 6K CFP AT 5368'. PERFORATE Ca FROM 5129'-30', 5148'-49', 5160'-61', 5206'-07', 5233'-35', 5238'-39', 5248'-50', 5259'-60', 5300'-01', 5342'-43' @ 3 SPF @ 120 PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/42 GAL K-87 MICROBIOCIDE, 6396 GAL 16# LINEAR W/8000# 20/40 SAND @ 1-1.5 PPG, 21670 GAL 16# DELTA 140 W/73300# 20/40 SAND @ 2-4 PPG. MTP 4606 PSIG. MTR 50.3 BPM. ATP 3551 PSIG. ATR 50.2 BPM. ISIP 1695 PSIG. RD HALLIBURTON.

RUWL. SET 6K CBP AT 5034'. RDWL.

06-23-2009		Reported By		HISLOP							
DailyCosts: Drilling	\$0	Completion	\$16,293	Daily Total	\$16,293						
Cum Costs: Drilling	\$565,871	Completion	\$367,697	Well Total	\$933,569						
MD	7,158	TVD	7,158	Progress	0	Days	9	MW	0.0	Visc	0.0
Formation : MESAVERDE / WASATCH		PBTD : 7093.0		Perf : 5129'-6992'		PKR Depth : 0.0					
Activity at Report Time: CLEAN OUT AFTER FRAC											
Start	End	Hrs	Activity Description								
06:00	06:00	24.0	SICP 0 PSIG. MIRUSU. ND FRAC TREE. NU BOP. RIH W/BIT & PUMP OFF SUB TO 5034'. RU TO DRILL PLUGS. SDFN.								

06-24-2009		Reported By		HAL IVIE							
DailyCosts: Drilling	\$0	Completion	\$48,842	Daily Total	\$48,842						
Cum Costs: Drilling	\$565,871	Completion	\$416,539	Well Total	\$982,411						
MD	7,158	TVD	7,158	Progress	0	Days	10	MW	0.0	Visc	0.0
Formation : MESAVERDE / WASATCH		PBTD : 7093.0		Perf : 5129'-6992'		PKR Depth : 0.0					
Activity at Report Time: FLOW TEST											
Start	End	Hrs	Activity Description								
06:00	06:00	24.0	SICP 0 PSIG. CLEANED OUT & DRILLED OUT PLUGS @ 5034', 5368', 6060', 6380', 6700'. RIH. CLEANED OUT TO PBTD @ 7093'. LANDED TBG AT 5100' KB. ND BOPE. NU TREE. PUMPED OFF BIT & SUB. RU TO SWAB. IFL @ 200'. MADE 2 RUNS & WELL STARTED FLOWING. RECOVERED 10 BLW. RD MOSU.								

FLOWED 15 HRS. 32/64" CHOKE. FTP 600 PSIG. CP 1200 PSIG. 51 BFPH. RECOVERED 758 BLW. 3898 BLWTR.

TUBING DETAIL LENGTH

PUMP OFF SUB 1.00'
 1 JT 2-3/8" 4.7# N-80 YB TBG 32.71'
 XN NIPPLE 1.10'

156 JTS 2-3/8" 4.7# N-80 YB TBG 5051.75'
 BELOW KB 13.00'
 LANDED @ 5099.56'KB

06-25-2009 **Reported By** HAL IVIE

DailyCosts: Drilling	\$0	Completion	\$3,250	Daily Total	\$3,250
Cum Costs: Drilling	\$565,871	Completion	\$419,789	Well Total	\$985,661
MD	7,158	TVD	7,158	Progress	0
		Days	11	MW	0.0
		Visc			0.0
Formation : MESAVERDE / WASATCH	PBTD : 7093.0	Perf : 5129'-6992'		PKR Depth : 0.0	

Activity at Report Time: FLOW TEST

Start	End	Hrs	Activity Description
06:00	06:00	24.0	FLOWED 24 HRS. 32/64" CHOKE. FTP 550 PSIG. CP 1000 PSIG. 30 BFPH. RECOVERED 708 BLW. 3190 BLWTR.

06-26-2009 **Reported By** HAL IVIE

DailyCosts: Drilling	\$0	Completion	\$3,250	Daily Total	\$3,250
Cum Costs: Drilling	\$565,871	Completion	\$423,039	Well Total	\$988,911
MD	7,158	TVD	7,158	Progress	0
		Days	12	MW	0.0
		Visc			0.0
Formation : MESAVERDE / WASATCH	PBTD : 7093.0	Perf : 5129'-6992'		PKR Depth : 0.0	

Activity at Report Time: FLOW WELL BACK

Start	End	Hrs	Activity Description
06:00	06:00	24.0	FLOWED 24 HRS. 32/64 CHOKE. FTP 50 PSIG, CP 900 PSIG. 20 BFPH. RECOVERED 490 BBLs, 2700 BLWTR.

06-27-2009 **Reported By** HAL IVIE

DailyCosts: Drilling	\$0	Completion	\$3,250	Daily Total	\$3,250
Cum Costs: Drilling	\$565,871	Completion	\$426,289	Well Total	\$992,161
MD	7,158	TVD	7,158	Progress	0
		Days	13	MW	0.0
		Visc			0.0
Formation : MESAVERDE / WASATCH	PBTD : 7093.0	Perf : 5129'-6992'		PKR Depth : 0.0	

Activity at Report Time: FLOW WELL BACK. SHUT WELL IN @ 12N & TURNED OVER TO PRODUCTION.

Start	End	Hrs	Activity Description
06:00	06:00	24.0	FLOWED 6 HRS. 32/64 CHOKE. FTP- 500 PSIG, CP- 900 PSIG. 13 BFPH. RECOVERED 78 BBLs, 2622 BLWTR. SHUT WELL IN @ 12N & TURNED OVER TO PRODUCTION.

FINAL COMPLETION DATE: 6/27/09.

06-29-2009 **Reported By** DUANE COOK

DailyCosts: Drilling	\$0	Completion	\$3,250	Daily Total	\$3,250
Cum Costs: Drilling	\$565,871	Completion	\$429,539	Well Total	\$995,411
MD	7,158	TVD	7,158	Progress	0
		Days	14	MW	0.0
		Visc			0.0
Formation : MESAVERDE / WASATCH	PBTD : 7093.0	Perf : 5129'-6992'		PKR Depth : 0.0	

Activity at Report Time: INITIAL PRODUCTION

Start	End	Hrs	Activity Description
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06:00 06:00 24.0 INITIAL PRODUCTION. OPENING PRESSURE: TP 1500 PSIG & CP 1650 PSIG. TURNED WELL OVER TO KERR-MAGEE SALES AT 1:30 PM, 6/27/09. FLOWED 1200 MCFD RATE ON 12/64" POS CHOKE. STATIC 100. KERR-MAGEE METER #985806.

06-30-2009 **Reported By** DUANE COOK

DailyCosts: Drilling	\$0	Completion	\$3,250	Daily Total	\$3,250
Cum Costs: Drilling	\$565,871	Completion	\$429,539	Well Total	\$995,411

MD 7,158 **TVD** 7,158 **Progress** 0 **Days** 15 **MW** 0.0 **Visc** 0.0

Formation : MESAVERDE / **PBTD :** 7093.0 **Perf :** 5129'-6992' **PKR Depth :** 0.0
 WASATCH

Activity at Report Time: ON SALES

Start	End	Hrs	Activity Description
06:00	06:00	24.0	FLOWED 985 MCF, 11 BC & 73 BW IN 24 HRS ON 12/64" CHOKE, TP 1275 PSIG, CP 1500 PSIG.

07-01-2009 **Reported By** ROGER DART

DailyCosts: Drilling	\$0	Completion	\$0	Daily Total	\$0
Cum Costs: Drilling	\$565,871	Completion	\$429,539	Well Total	\$995,411

MD 7,158 **TVD** 7,158 **Progress** 0 **Days** 16 **MW** 0.0 **Visc** 0.0

Formation : MESAVERDE / **PBTD :** 7093.0 **Perf :** 5129'-6992' **PKR Depth :** 0.0
 WASATCH

Activity at Report Time: ON SALES

Start	End	Hrs	Activity Description
06:00	06:00	24.0	FLOWED 911 MCF, 3 BC & 79 BW IN 24 HRS ON 12/64" CHOKE, TP 1250 PSIG, CP 1500 PSIG.

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

X Change of Operator (Well Sold)
 Operator Name Change

Designation of Agent/Operator
 Merger

ROUTING
1. DJJ
2. CDW

The operator of the well(s) listed below has changed, effective: **6/1/2009**

FROM: (Old Operator): N9550-EOG Resources 1060 E Hwy 40 Vernal, UT 84078 Phone: 1-(435) 781-9111	TO: (New Operator): N2995-Kerr-McGee Oil & Gas Onshore., LP 1368 South 1200 East Vernal, UT 84078 Phone: 1-(435) 781-7024
---	---

WELL NAME(S)	CA No.	SEC	TWN	RNG	API NO	Unit:	NATURAL BUTTES		
							ENTITY NO	LEASE TYPE	WELL TYPE
NBU 642-13E	13	100S	220E	4304750013	+	WCR 2900	State	GW	P
NBU 639-13E	13	100S	220E	4304750019	+	WCR 2900	State	GW	P
NBU 641-13E	13	100S	220E	4304750058	+	WCR 2900	State	GW	P
NBU 660-12E	12	100S	200E	4304739858		DK 2900	Federal	GW	P

9/8/09 file

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: Completion of well
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: Completion of well
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- 6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- 6b. Inspections of LA PA state/fee well sites complete on: n/a
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM n/a BIA n/a
- Federal and Indian Units:**
 The BLM or BIA has approved the successor of unit operator for wells listed on: n/a
- Federal and Indian Communization Agreements ("CA"):**
 The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 7/29/2009
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 7/29/2009
- Bond information entered in RBDMS on: 7/29/2009
- Fee/State wells attached to bond in RBDMS on: 7/9/2009
- Injection Projects to new operator in RBDMS on: n/a

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: CO1203
- Indian well(s) covered by Bond Number: n/a
- (R649-3-1) The **NEW** operator of any state or fee well(s) listed covered by Bond Number 22013542
- The **FORMER** operator has requested a release of liability from their bond on: n/a

COMMENTS:

Well to transfer upon completion to Unit Operator (See 9/23/2003 letter from EOG & agreement 9/17/03 from Westport)

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 GAS WELL DRY OTHER _____

b. TYPE OF WORK: NEW WELL HORIZ. LATS. DEEP-EN RE-ENTRY DIFF. RESVR. OTHER _____

5. LEASE DESIGNATION AND SERIAL NUMBER:
U-08512-ST

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME
Natural Buttes

8. WELL NAME and NUMBER:
Natural Buttes Unit 639-13E

2. NAME OF OPERATOR:
EOG Resources, Inc.

9. API NUMBER:
43-047-50019

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

10 FIELD AND POOL, OR WILDCAT
Natural Buttes

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 859' FNL & 1902' FEL 39.953833 LAT 109.385667 LON
AT TOP PRODUCING INTERVAL REPORTED BELOW: Same
AT TOTAL DEPTH: Same

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
NWNE 13 10S 22E S

12. COUNTY
Uintah

13. STATE
UTAH

14. DATE SPUDDED: 3/10/2009

15. DATE T.D. REACHED: 3/31/2009

16. DATE COMPLETED: 6/27/2009

ABANDONED READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL):
5296' NAT GL

18. TOTAL DEPTH: MD 7,158 TVD _____

19. PLUG BACK T.D.: MD 7,093 TVD _____

21. DEPTH BRIDGE MD _____ PLUG SET: TVD _____

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
RST/CBL/CCL/VDL/GR *Temp*

23. WAS WELL CORED? NO YES (Submit analysis)
WAS DST RUN? NO YES (Submit report)
DIRECTIONAL SURVEY? NO YES (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
12.25	9.625 J-55	36.0	0	2,089		900		0	
7.875	4.5 P-110	11.6	0	7,138		1320		630	

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2.375	5,100							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) Wasatch/Mesaverde	5,129	6,992			6,768 6,992		3	Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(B)					6,432 6,676		3	Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(C)					6,117 6,358		3	Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)					5,663 6,037		3	Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

27. PERFORATION RECORD

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
6768-6992	33,449 GALS GELLED WATER & 93,700# 20/40 SAND
6432-6676	33,303 GALS GELLED WATER & 94,200# 20/40 SAND
6117-6358	44,298 GALS GELLED WATER & 130,900# 20/40 SAND

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

29. ENCLOSED ATTACHMENTS:
 ELECTRICAL/MECHANICAL LOGS
 SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION
 GEOLOGIC REPORT
 CORE ANALYSIS
 DST REPORT
 OTHER: _____
 DIRECTIONAL SURVEY

30. WELL STATUS:
Producing

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 6/27/2009		TEST DATE: 7/4/2009		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL - BBL: 2	GAS - MCF: 973	WATER - BBL: 160	PROD. METHOD: Flows
CHOKE SIZE: 14/64"	TBG. PRESS. 1,150	CSG. PRESS. 1,400	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL: 2	GAS - MCF: 973	WATER - BBL: 160	INTERVAL STATUS: Producing

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.)

Sold

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)
Wasatch/Mesaverde	5,129	6,992		Green River	961
				Birds Nest	1,274
				Mahogany	1,818
				Uteland Butte	3,989
				Wasatch	4,084
				Chapita Wells	4,669
				Buck Canyon	5,338
				Price River	6,363
				Middle Price River	7,151

35. ADDITIONAL REMARKS (Include plugging procedure)

See attached page for additional information.

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

NAME (PLEASE PRINT) Mary A. Maestas TITLE Regulatory Assistant
 SIGNATURE *Mary A. Maestas* DATE 7/22/2009

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

Natural Buttes Unit 639-13E - ADDITIONAL REMARKS (CONTINUED):

27. PERFORATION RECORD

5129-5343	3/spf
-----------	-------

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

5663-6037	30,115 GALS GELLED WATER & 73,800# 20/40 SAND
5129-5343	28,108 GALS GELLED WATER & 81,300# 20/40 SAND

Perforated the Upper Price River from 6768-69', 6783-84', 6849-50', 6855-56', 6859-60', 6869-70', 6893-94', 6912-13', 6920-21', 6983-84', 6987-88', 6991-92' w/ 3 spf.

Perforated the Upper Price River from 6432-33', 6442-43', 6460-61', 6465-66', 6528-29', 6558-60', 6617-18', 6644-45', 6670-71', 6675-76' w/ 3 spf.

Perforated the North Horn from 6117-18', 6202-03', 6221-22', 6225-26', 6240-41', 6246-47', 6252-53', 6383-84', 6322-23', 6348-50', 6357-58' w/ 3 spf.

Perforated the Ba from 5663-64', 5714-15', 5800-01', 5807-08', 5839-40', 5904-05', 5989-91', 6000-01', 6030-31', 6036-37' w/ 3 spf.

Perforated the Ca from 5129-30', 5148-49', 5160-61', 5206-07', 5233-35', 5238-39', 5248-50', 5259-60', 5300-01', 5342-43' w/ 3 spf.

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

FORM 7

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well name and number: NBU 639-13E

API number: 4304750019

Well Location: QQ NWNE Section 13 Township 10S Range 22E County UINTAH

Well operator: EOG

Address: 1060 E HWY 40

city VERNAL state UT zip 84078

Phone: (435) 781-9111

Drilling contractor: CRAIGS ROUSTABOUT SERVICE

Address: PO BOX 41

city JENSEN state UT zip 84035

Phone: (435) 781-1366

Water encountered (attach additional pages as needed):

DEPTH		VOLUME (FLOW RATE OR HEAD)	QUALITY (FRESH OR SALTY)
FROM	TO		
1,300	1,320	NO FLOW	NOT KNOWN

Formation tops: 1 _____ 2 _____ 3 _____
 (Top to Bottom) 4 _____ 5 _____ 6 _____
 7 _____ 8 _____ 9 _____
 10 _____ 11 _____ 12 _____

If an analysis has been made of the water encountered, please attach a copy of the report to this form.

I hereby certify that this report is true and complete to the best of my knowledge.

NAME (PLEASE PRINT) Mary A. Maestas

TITLE Regulatory Assistant

SIGNATURE Mary A. Maestas

DATE 7/22/2009