FORM 3

AMENDED REPORT ☐

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

APPLICATION FOR PERMIT TO DRILL

1. WELL NAME and NUMBER
NBU 676-25E

2. TYPE OF WORK
DRILL NEW WELL ◉ REENTER P&A WELL ○ DEEPEN WELL ○

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)
UTU6774

11. MINERAL OWNERSHIP
FEDERAL ◉ INDIAN ○ STATE ○ FEE ○

12. SURFACE OWNERSHIP
FEDERAL ○ INDIAN ○ STATE ◉ FEE ○

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')
, , UT

16. SURFACE OWNER E-MAIL (if box 12 = 'fee')

17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')

18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS
YES ○ (Submit Commingling Application) NO ◉

19. SLANT
VERTICAL ◉ DIRECTIONAL ○ HORIZONTAL ○

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	1978 FNL 923 FEL	SENE	25	10.0 S	20.0 E	S
Top of Uppermost Producing Zone	1978 FNL 923 FEL	SENE	25	10.0 S	20.0 E	S
At Total Depth	1978 FNL 923 FEL	SENE	25	10.0 S	20.0 E	S

21. COUNTY
UINTAH

22. DISTANCE TO NEAREST LEASE LINE (Feet)
923

23. NUMBER OF ACRES IN DRILLING UNIT
480

25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)
2810

26. PROPOSED DEPTH
MD: 6100 TVD: 6100

27. ELEVATION - GROUND LEVEL
5268

28. BOND NUMBER
6196017

29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE
49-225

ATTACHMENTS

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

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

NAME Kaylene Gardner	**TITLE** Sr. Regulatory Assistant	**PHONE** 435 781-9111
SIGNATURE	**DATE** 02/14/2008	**EMAIL** kaylene_gardner@eogresources.com

API NUMBER ASSIGNED 43047500310000 **APPROVAL**

619071X
4419653Y
39.920498
-109.606742

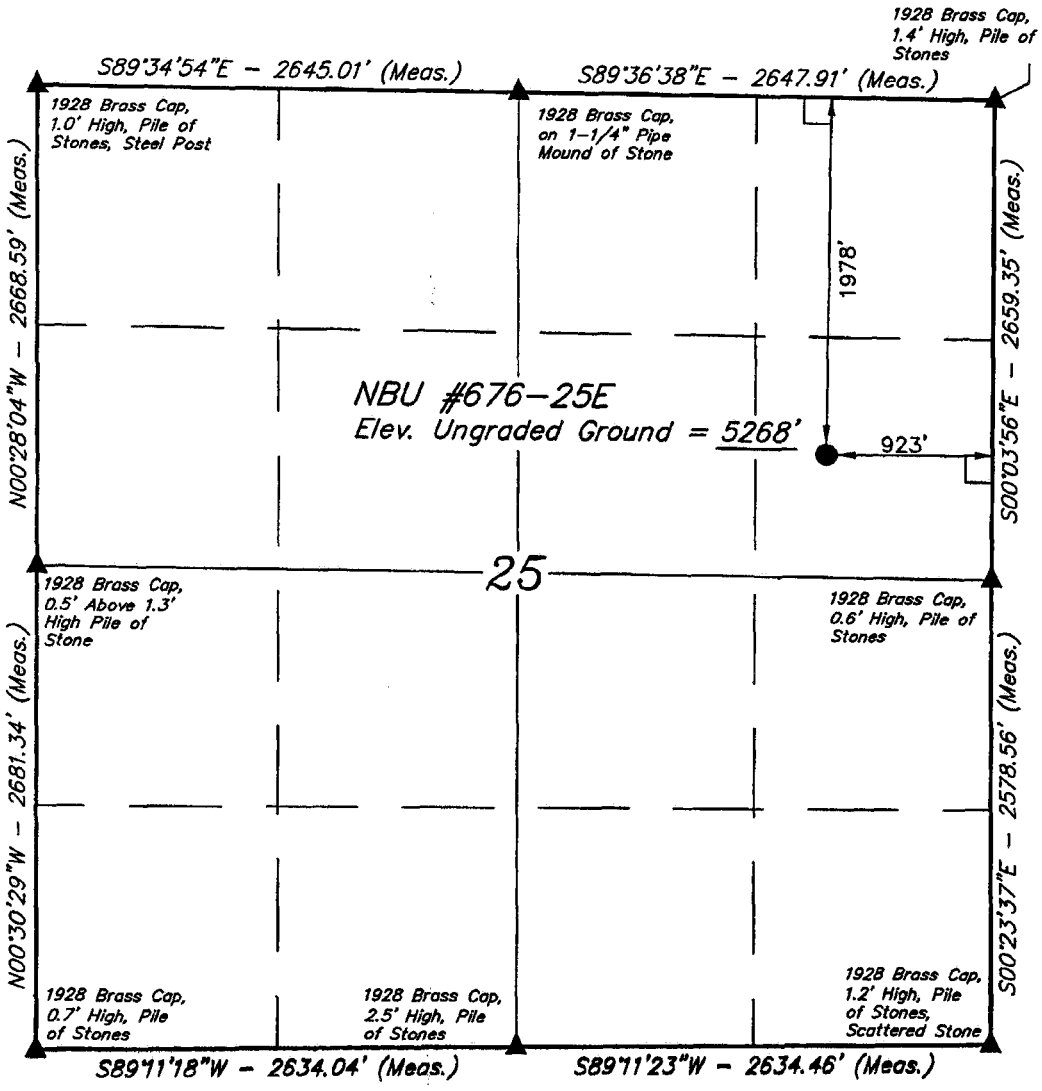
Federal Approval of this Action is Necessary

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 04-06-08

By: [signature]

T10S, R20E, S.L.B.&M.



EOG RESOURCES, INC.

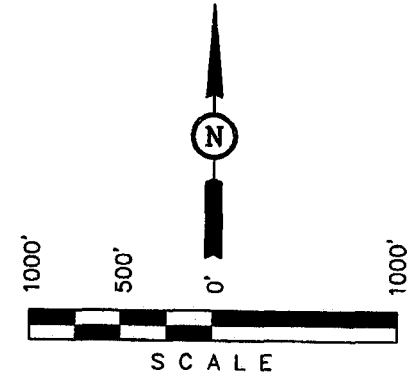
Well location, NBU #676-25E, located as shown in the SE 1/4 NE 1/4 of Section 25, T10S, R20E, S.L.B.&M. Uintah County, Utah.

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, UINTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.

BASIS OF BEARINGS

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



CERTIFICATE

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

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

LEGEND:

└ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

(NAD 83)
LATITUDE = 39°55'13.58" (39.920439)
LONGITUDE = 109°36'26.79" (109.607442)
(NAD 27)
LATITUDE = 39°55'13.71" (39.920475)
LONGITUDE = 109°36'24.31" (109.606753)

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

SCALE 1" = 1000'	DATE SURVEYED: 1-21-08	DATE DRAWN: 1-24-08
PARTY D.R. A.W. C.P.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE EOG RESOURCES, INC.	

WELL APPROVAL

April 1, 2009

The following wells have been approved by SITLA including archeological and paleontological clearance.

NBU 673-25E	4304750034
NBU 674-25E	4304750035

The following wells have been approved by SITLA including archeological and paleontological clearance with the following condition.

NBU 676-25E	4004750031
NBU 515-25E	4304750033
NBU 675-25E	4304750036
NBU 375-13E	4304750029

> "The Intermountain Paleo-Consulting report #IPC 08-26 recommends that " a permitted paleontologist be present to monitor the construction process of the proposed access roads, pipelines and well pads for... NBU #375-13E, #515-25E, #675-25E, and #676-25E due to the number of fossils found inside and near the staked construction areas..."

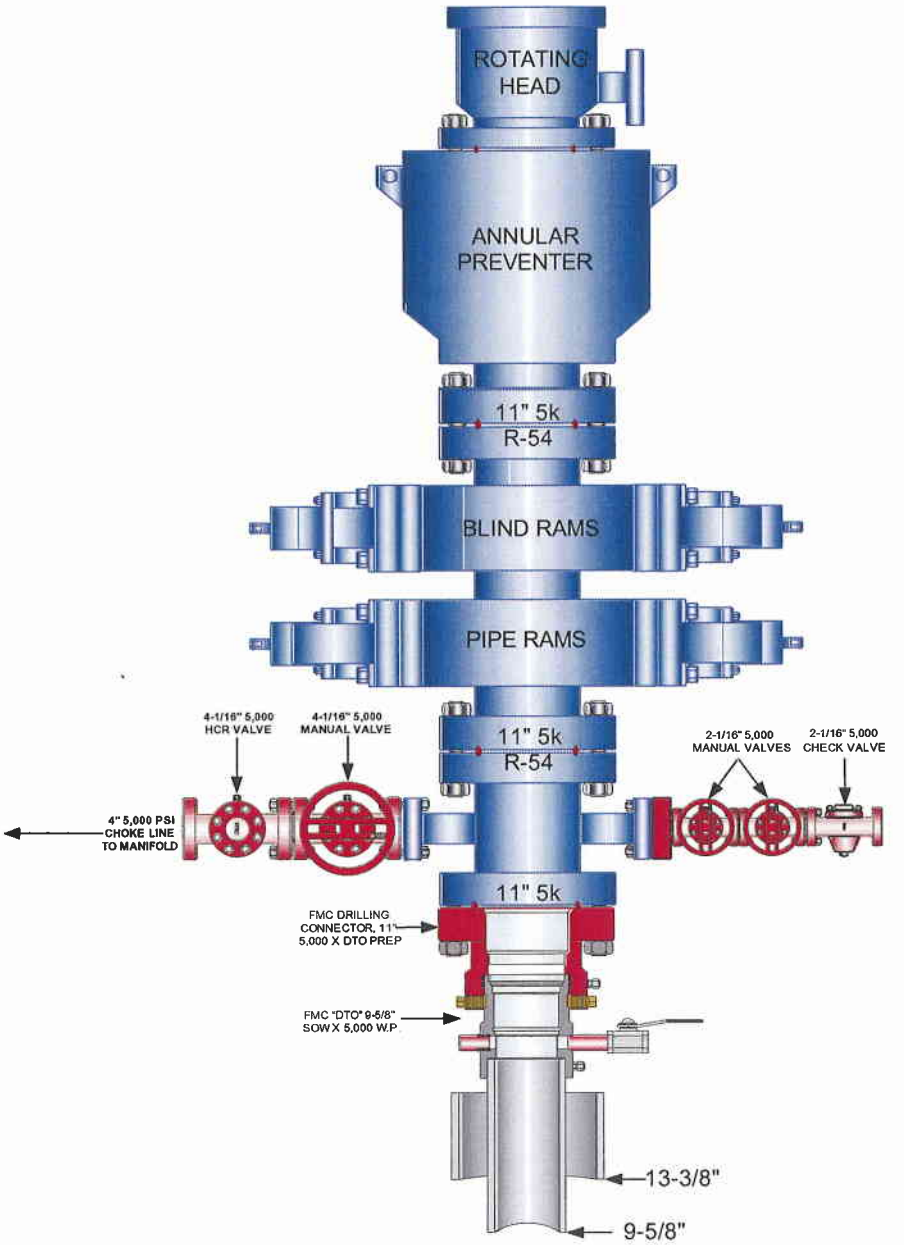
As a condition of SITLA approval, this requirement for a permitted paleontologist to be present to monitor the construction process of the proposed access roads, pipelines and well pads, will be required.

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-40S	45	48.0			
	Cement Interval	**Top (MD)**	**Bottom (MD)**			
		0	45			
		Cement Description	**Class**	**Sacks**	**Yield**	**Weight**
			C	0	0.0	0.0

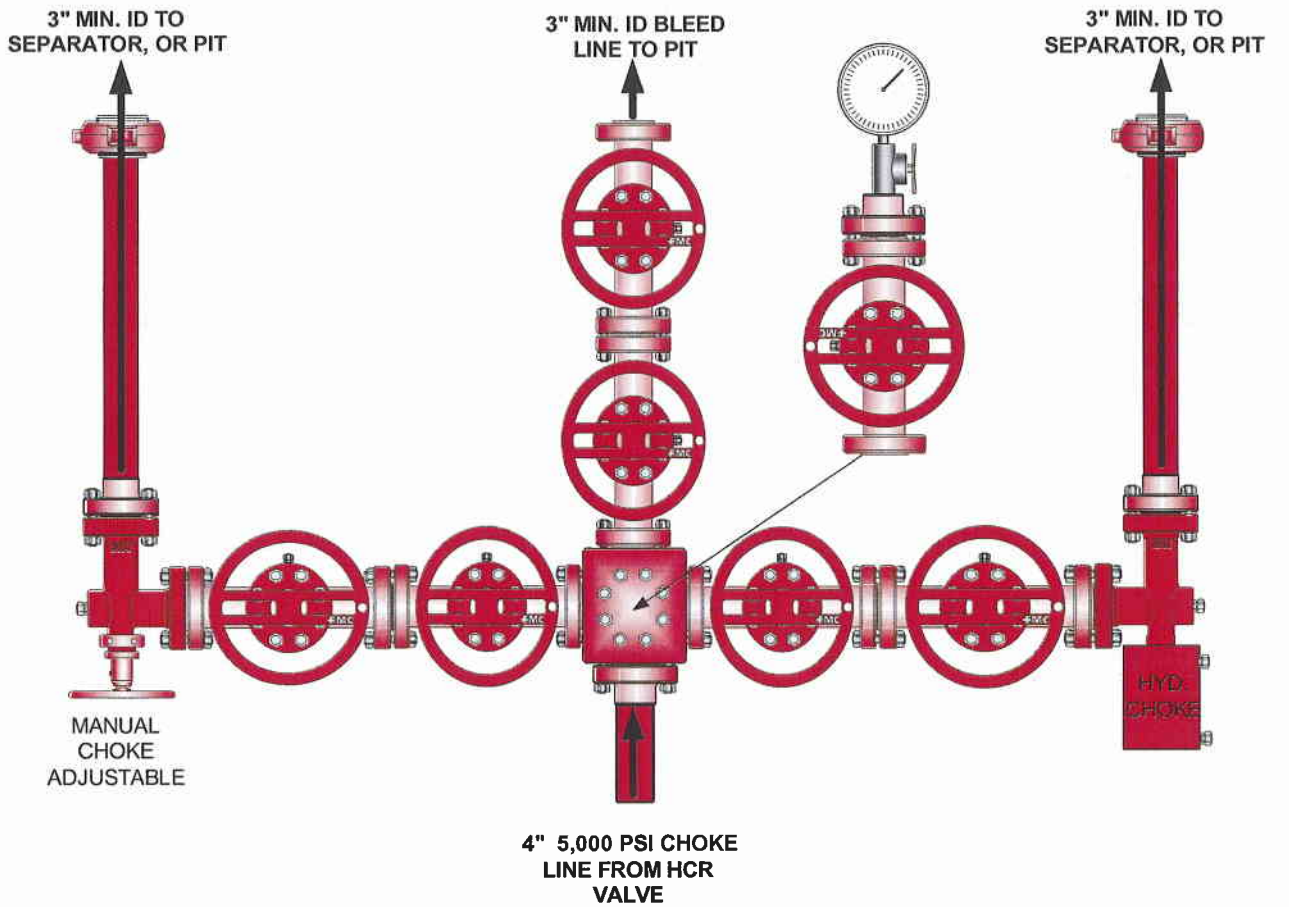
Proposed Hole, Casing, and Cement						
String	**Hole Size**	**Casing Size**	**Top (MD)**	**Bottom (MD)**		
Surf	12.25	9.625	0	2300		
Pipe	**Grade**	**Length**	**Weight**			
	J-55S	2300	36.0			
	Cement Interval	**Top (MD)**	**Bottom (MD)**			
		0	2300			
		Cement Description	**Class**	**Sacks**	**Yield**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

Proposed Hole, Casing, and Cement						
String	**Hole Size**	**Casing Size**	**Top (MD)**	**Bottom (MD)**		
Prod	7.875	4.5	2300	6100		
Pipe	**Grade**	**Length**	**Weight**			
	J-55L	6100	11.6			
	Cement Interval	**Top (MD)**	**Bottom (MD)**			
		2300	6100			
		Cement Description	**Class**	**Sacks**	**Yield**	**Weight**
			HG	113	3.91	11.0
			50	390	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



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 676-25E
SE/NE, SEC. 25, T10S, R20E, S.L.B.&M..
UINTAH COUNTY, UTAH

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

FORMATION	TVD-RKB (ft)	Objective	Lithology	
Green River	1,080		Shale	
Mahogany Oil Shale Bed	1,696		Shale	
Wasatch	4,346	Primary	Sandstone	Gas
Chapita Wells	4,943	Primary	Sandstone	Gas
Buck Canyon	5,641	Primary	Sandstone	Gas
TD	6,100			

Estimated TD: **6,100' or 200'± below TD** **Anticipated BHP: 3,330 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 ⅜"	48.0#	H-40	STC	770 PSI	1730 PSI	322,000#
Surface	12 ¼"	0' – 2,300' KB±	9-⅝"	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/9-⅝" 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 676-25E
SE/NE, SEC. 25, T10S, R20E, 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 676-25E
SE/NE, SEC. 25, T10S, R20E, 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% $CaCl_2$, 3 lb/sx GR3 ¼ #/sx Flocele mixed at 11 ppg, 3.82 ft^3/sk. yield, 23 gps water.

Tail: **207 sks** Class "G" cement with 2% $CaCl_2$, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft^3/sk., 5.2 gps water.

Top Out: As necessary with Class "G" cement with 2% $CaCl_2$, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft^3/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: **112 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 ft^3/sk., 24.5 gps water.

Tail: **390 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 ft^3/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 676-25E
SE/NE, SEC. 25, T10S, R20E, 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)

eog resources

Natural Buttes Unit 676-25E E
SENE, Section 25, T10S, R20E
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 44.7 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 120' 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 then 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 1960' x 40'. The proposed pipeline leaves the southern edge of the well pad (Lease UTU6774) proceeding in a northerly direction for an approximate distance of 1960' tieing into an existing pipeline in

the NENE of Section 25, T10S, R20E. 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, 5, or 6, 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 southwest 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 Caterpiller tractor.

Access to the well pad will be from the north.

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 or 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 and paleontology survey will be conducted and submitted by Montgomery Archaeological Consultants.

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 676-25E Well, located in the SENE, of Section 25, T10S, R20E, 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.

February 12, 2008
Date

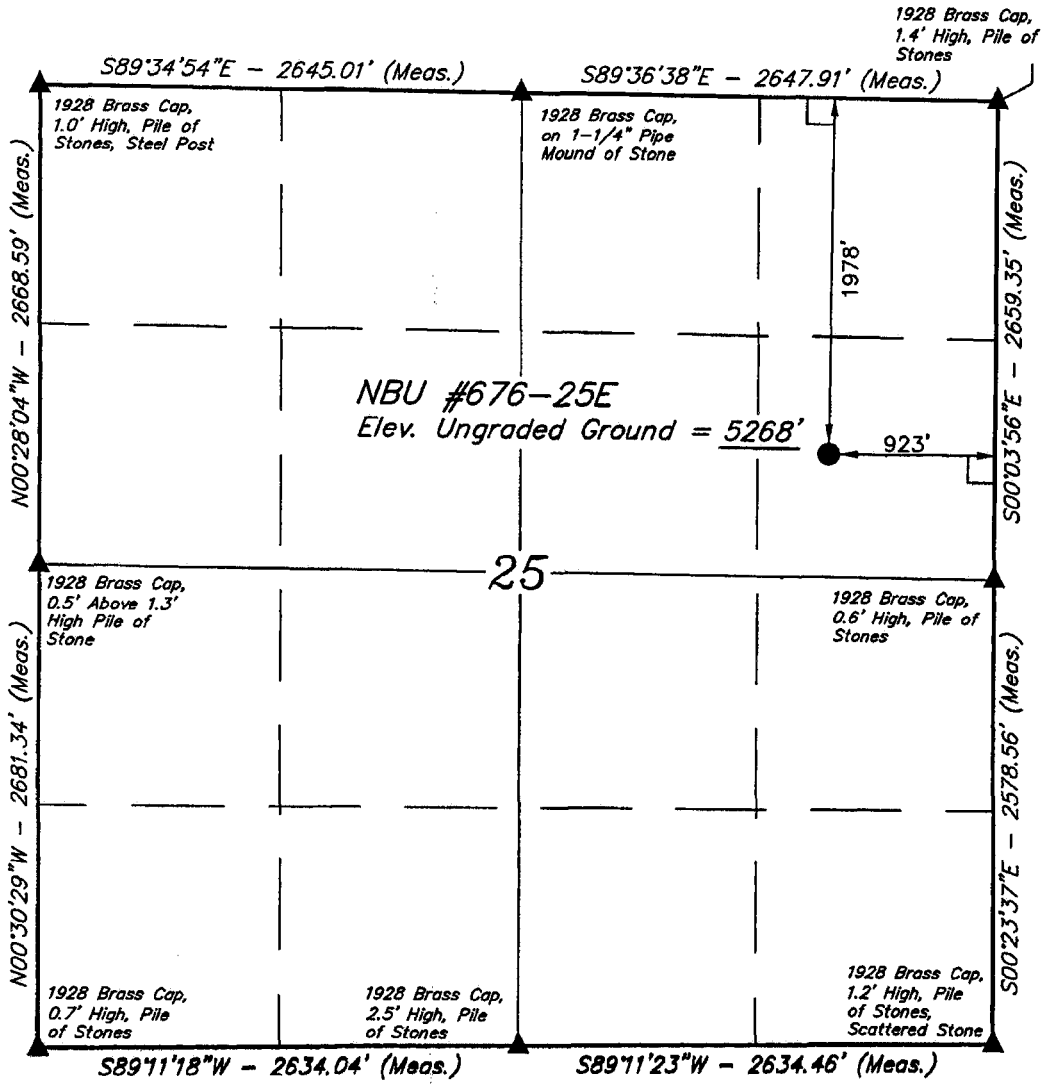
Kaylene R. Gardner, Lead Regulatory Assistant

EOG RESOURCES, INC
NBU #676-25E
SECTION 25, T10S, R20E, 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 13.7 MILES ON THE SEEP RIDGE ROAD TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTHEAST; FOLLOW ROAD FLAGS IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 120' TO THE TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 44.7 MILES.

T10S, R20E, S.L.B.&M.



EOG RESOURCES, INC.

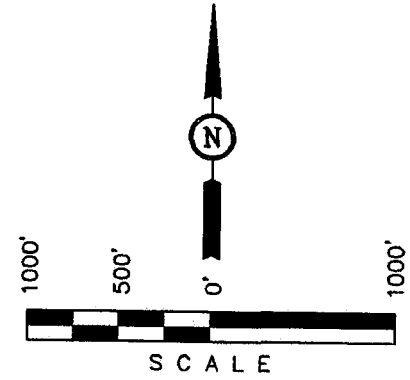
Well location, NBU #676-25E, located as shown in the SE 1/4 NE 1/4 of Section 25, T10S, R20E, S.L.B.&M. Uintah County, Utah.

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, UINTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.

BASIS OF BEARINGS

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



CERTIFICATE

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

No. 161319
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

LEGEND:

└ = 90° SYMBOL

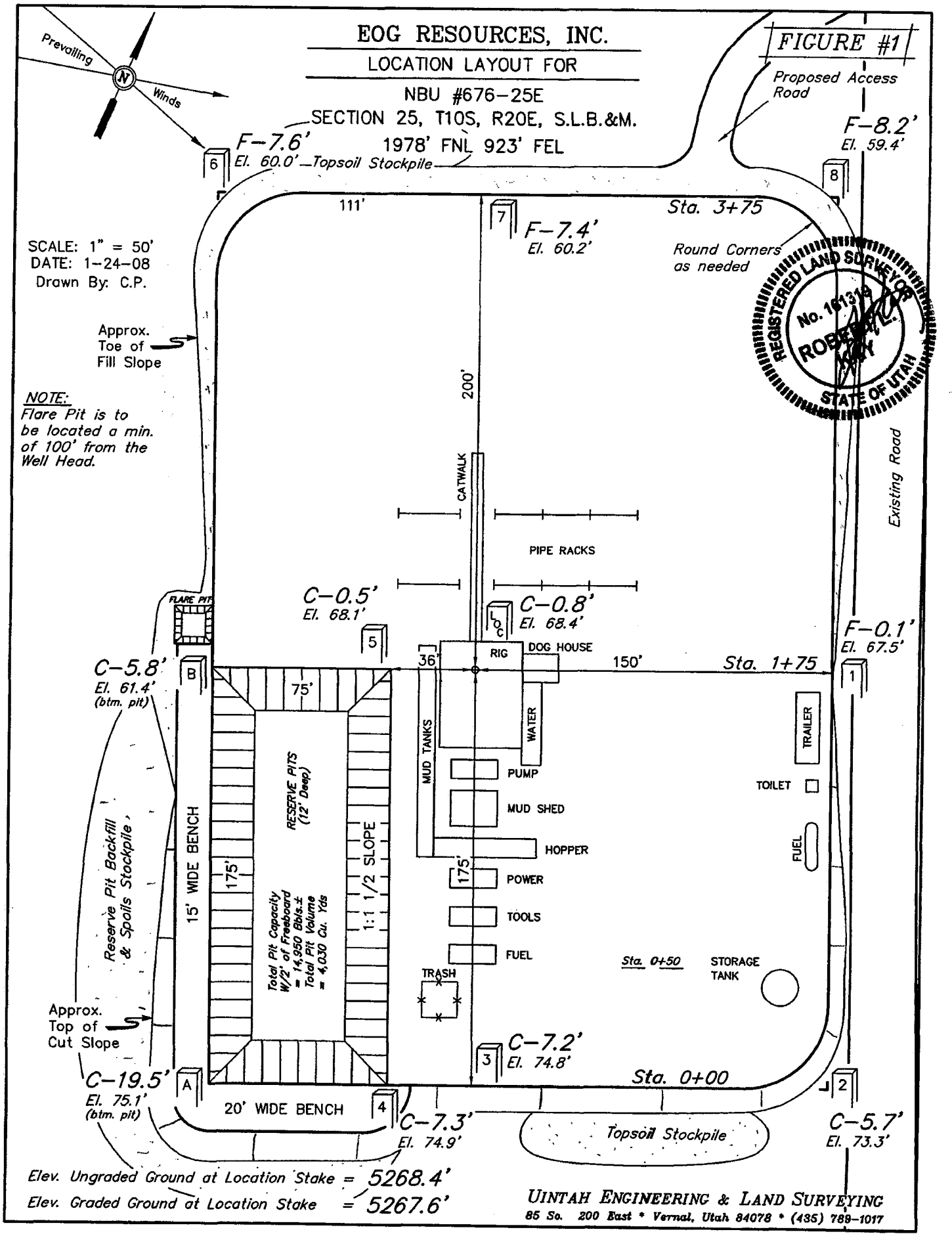
● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

(NAD 83)
LATITUDE = 39°55'13.58" (39.920439)
LONGITUDE = 109°36'26.79" (109.607442)
(NAD 27)
LATITUDE = 39°55'13.71" (39.920475)
LONGITUDE = 109°36'24.31" (109.606753)

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

SCALE 1" = 1000'	DATE SURVEYED: 1-21-08	DATE DRAWN: 1-24-08
PARTY D.R. A.W. C.P.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE EOG RESOURCES, INC.	


EOG RESOURCES, INC.
LOCATION LAYOUT FOR
NBU #676-25E
SECTION 25, T10S, R20E, S.L.B.&M.
1978' FNL 923' FEL
FIGURE #1
Prevailing Winds
N
Proposed Access Road
F-8.2'
El. 59.4'
F-7.6'
El. 60.0'
Topsoil Stockpile
111'
Sta. 3+75
F-7.4'
El. 60.2'
Round Corners as needed
SCALE: 1" = 50'
DATE: 1-24-08
Drawn By: C.P.
Approx. Toe of Fill Slope
NOTE:
Flare Pit is to be located a min. of 100' from the Well Head.
200'
CATWALK
PIPE RACKS
Existing Road
FLARE PIT
C-0.5'
El. 68.1'
C-0.8'
El. 68.4'
F-0.1'
El. 67.5'
C-5.8'
El. 61.4'
(btm. pit)
36'
RIG
DOG HOUSE
150'
Sta. 1+75
75'
MUD TANKS
WATER
TRAILER
PUMP
TOILET
MUD SHED
RESERVE PITS (12' Deep)
HOPPER
FUEL
Reserve Pit Backfill & Spoils Stockpile
15' WIDE BENCH
175'
1:1 1/2 SLOPE
POWER
TOOLS
Total Pit Capacity W/2' of Freeboard = 14,950 Bbls.± Total Pit Volume = 4,030 Cu. Yds
FUEL
TRASH
Sta. 0+50
STORAGE TANK
Approx. Top of Cut Slope
C-7.2'
El. 74.8'
C-19.5'
El. 75.1'
(btm. pit)
Sta. 0+00
20' WIDE BENCH
C-7.3'
El. 74.9'
Topsoil Stockpile
C-5.7'
El. 73.3'
Elev. Ungraded Ground at Location Stake = 5268.4'
Elev. Graded Ground at Location Stake = 5267.6'
UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017
REGISTERED LAND SURVEYOR
No. 161319
STATE OF UTAH

EOG RESOURCES, INC.

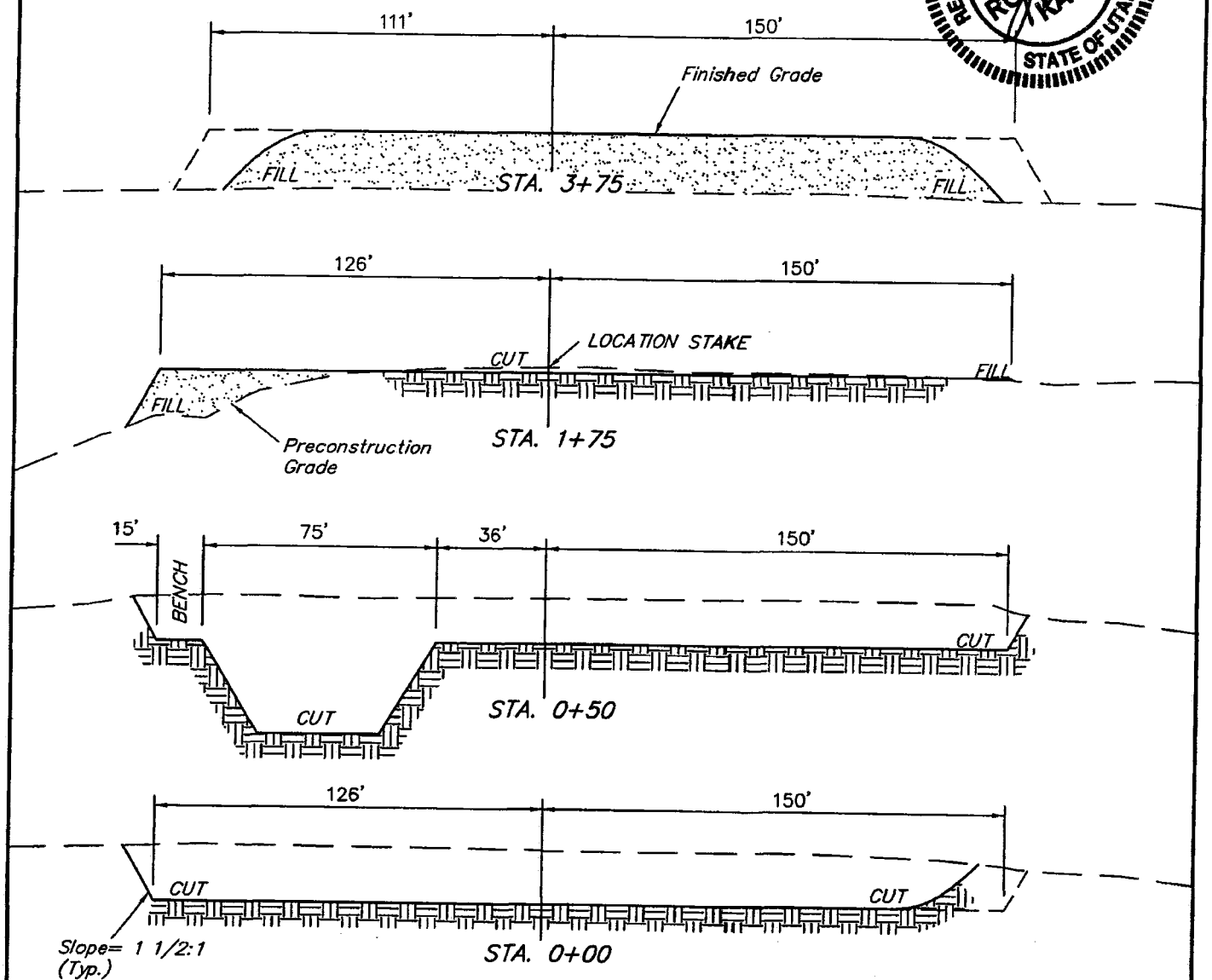
TYPICAL CROSS SECTIONS FOR

NBU #676-25E
SECTION 25, T10S, R20E, S.L.B.&M.
1978' FNL 923' FEL

FIGURE #2

1" = 20'
X-Section Scale
1" = 50'
DATE: 1-24-08
Drawn By: C.P.

REGISTERED LAND SURVEYOR No. 161319 ROBERT L. KAY STATE OF UTAH



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

* NOTE:
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping	=	2,170 Cu. Yds.
Remaining Location	=	11,390 Cu. Yds.
TOTAL CUT	=	13,560 CU. YDS.
FILL	=	9,380 CU. YDS.

EXCESS MATERIAL	=	4,180 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	4,180 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	=	0 Cu. Yds.

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

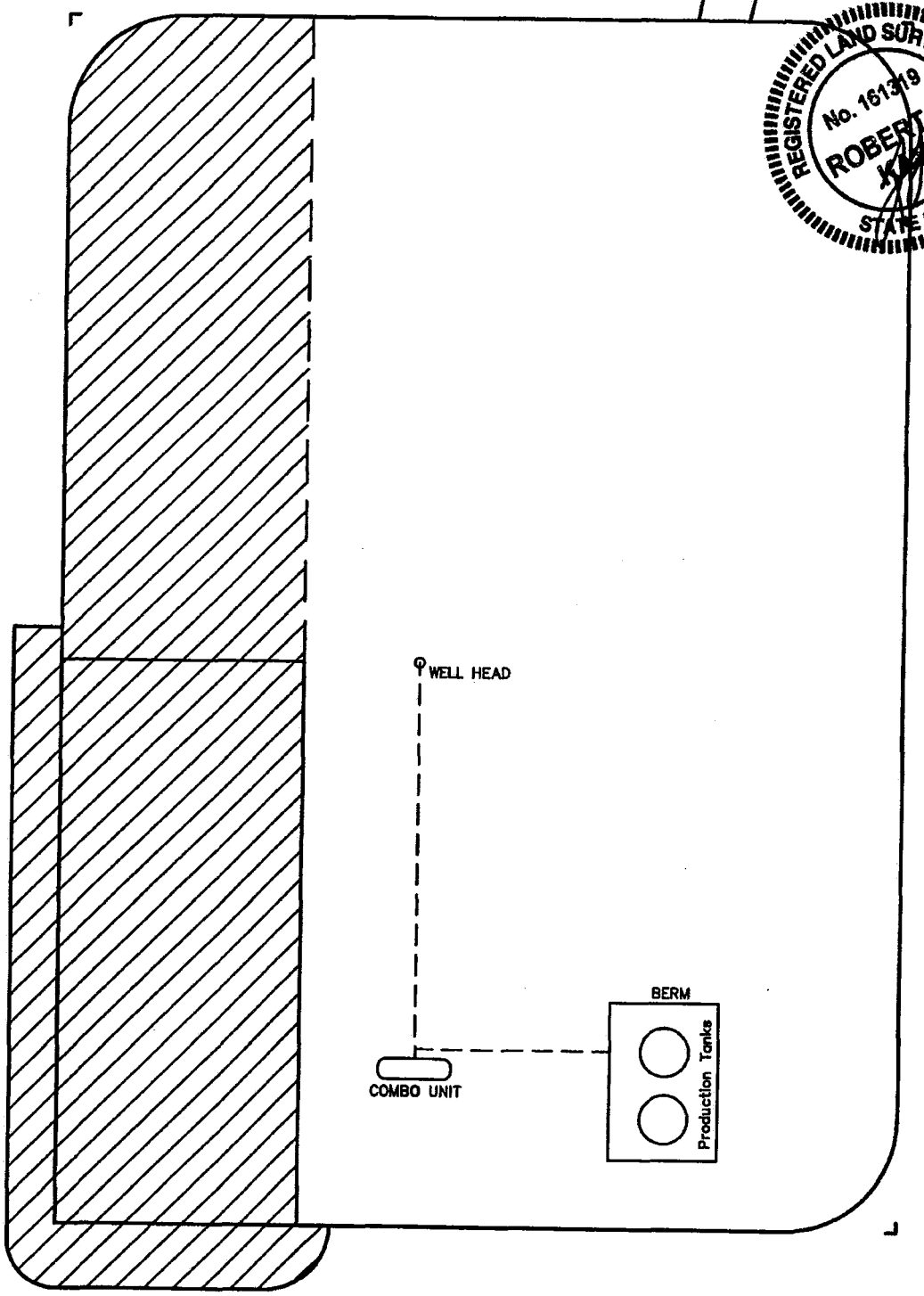
EOG RESOURCES, INC.

PRODUCTION FACILITY LAYOUT FOR

NBU #676-25E
SECTION 25, T10S, R20E, S.L.B.&M.
1978' FNL 923' FEL

FIGURE #3

SCALE: 1" = 50'
DATE: 1-24-08
Drawn By: C.P.



RE-HABED AREA

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

EOG RESOURCES, INC.

NBU #676-25E

LOCATED IN UINTAH COUNTY, UTAH
SECTION 25, T10S, R20E, S.L.B.&M.

PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE **CAMERA ANGLE: NORTHEASTERLY**

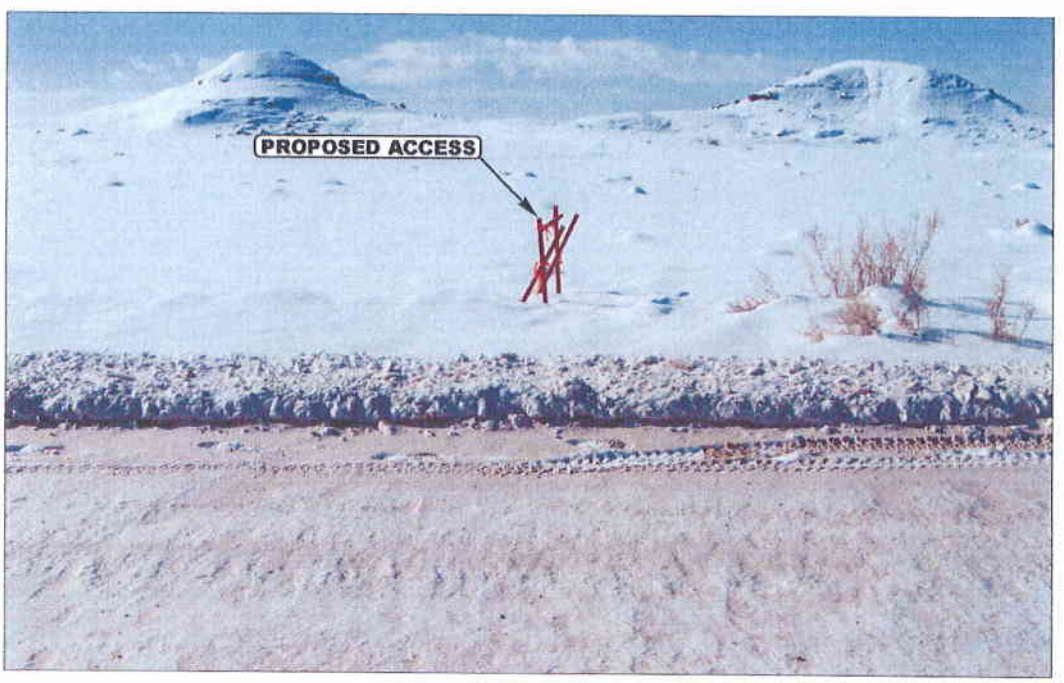
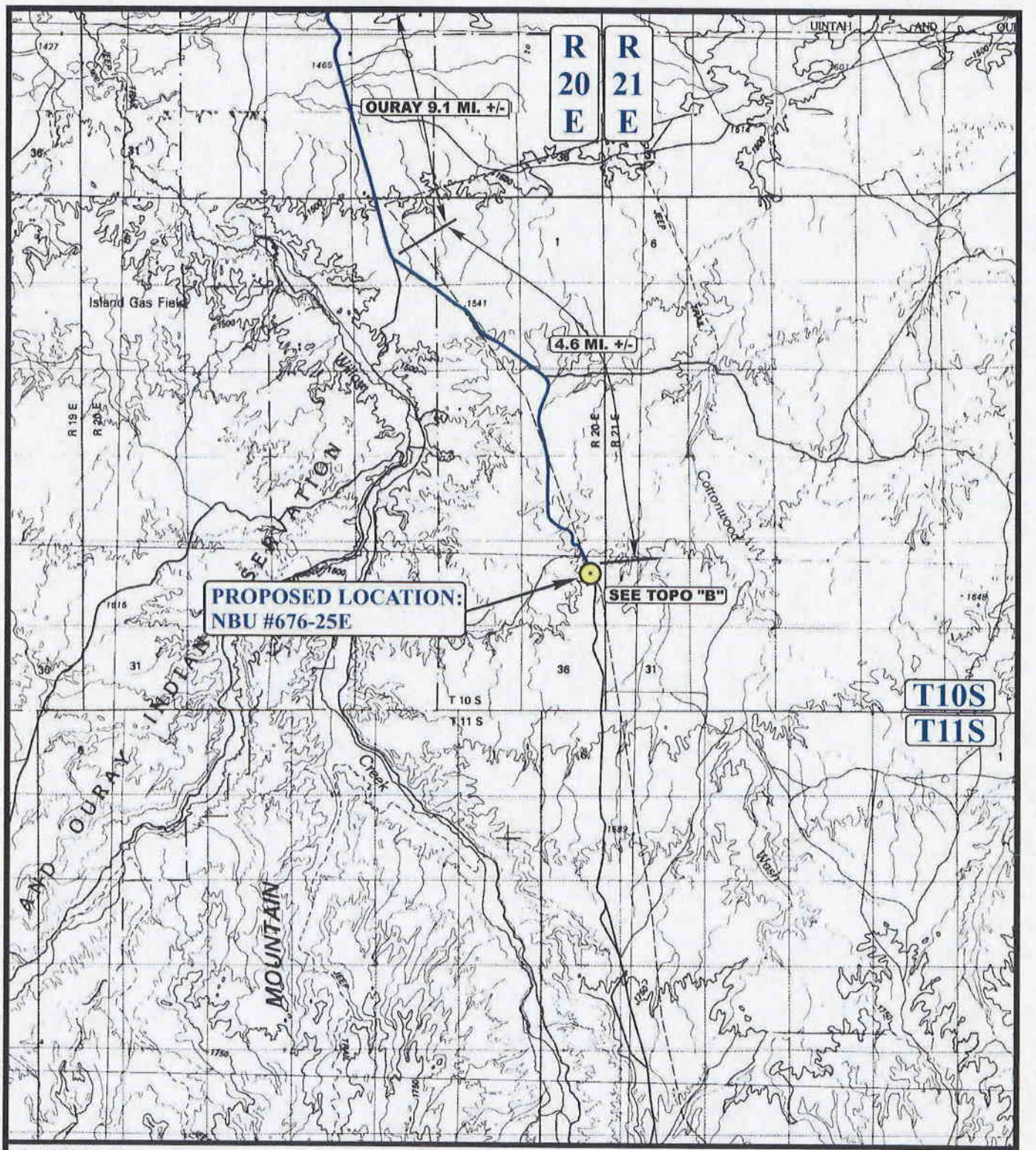


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS **CAMERA ANGLE: SOUTHEASTERLY**

- Since 1964 -

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

LOCATION PHOTOS		1 MONTH	22 DAY	08 YEAR	PHOTO
TAKEN BY: D.R.	DRAWN BY: Z.L.	REVISED: 00-00-00			



LEGEND:

PROPOSED LOCATION

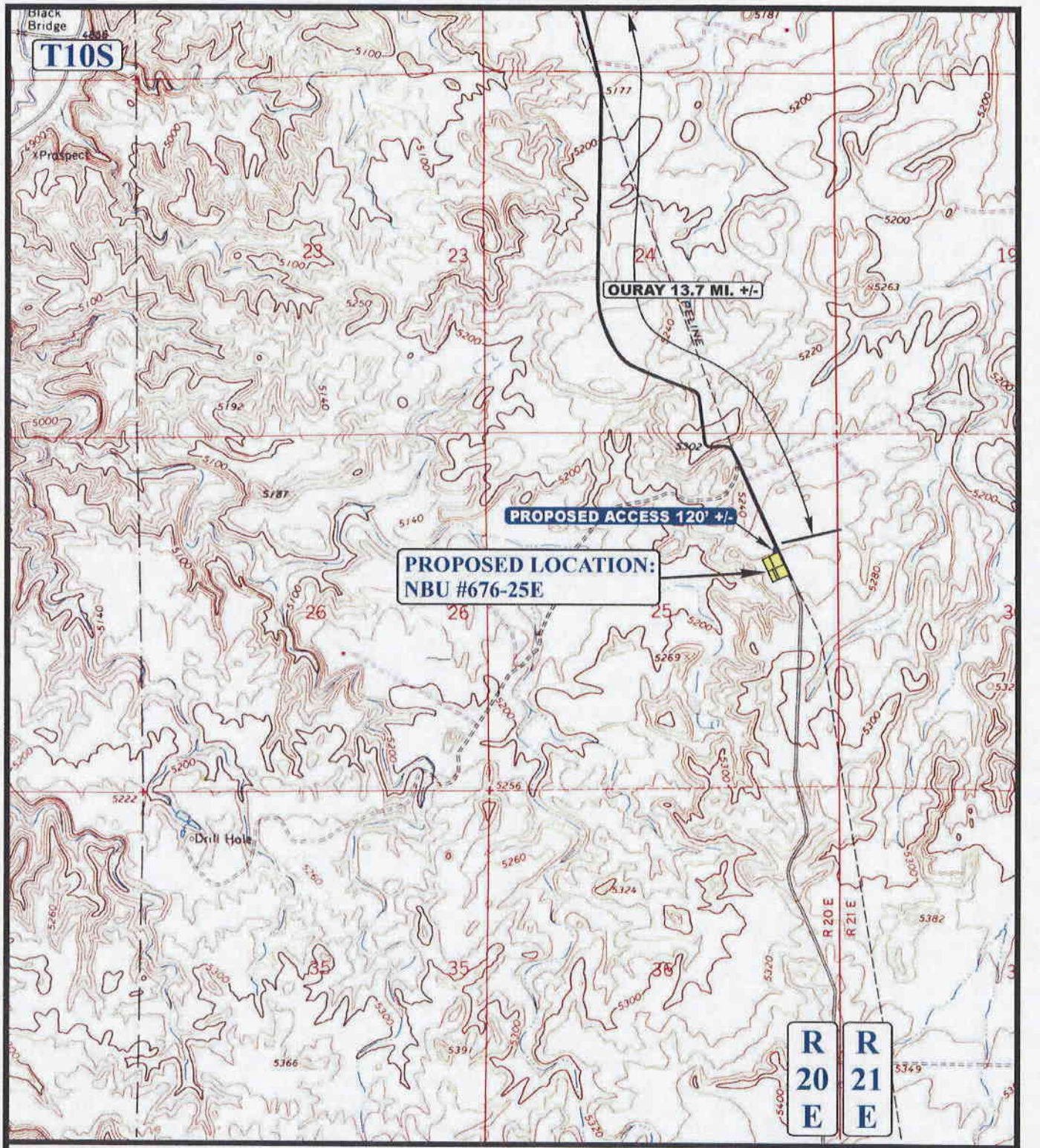
N

EOG RESOURCES, INC.

NBU #676-25E
SECTION 25, T10S, R20E, S.L.B.&M.
1978' FNL 923' FEL

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

TOPOGRAPHIC MAP	1 MONTH	22 DAY	08 YEAR	A TOPO
SCALE: 1:100,000	DRAWN BY: Z.L.	REVISED: 00-00-00		



LEGEND:

EXISTING ROAD

PROPOSED ACCESS ROAD

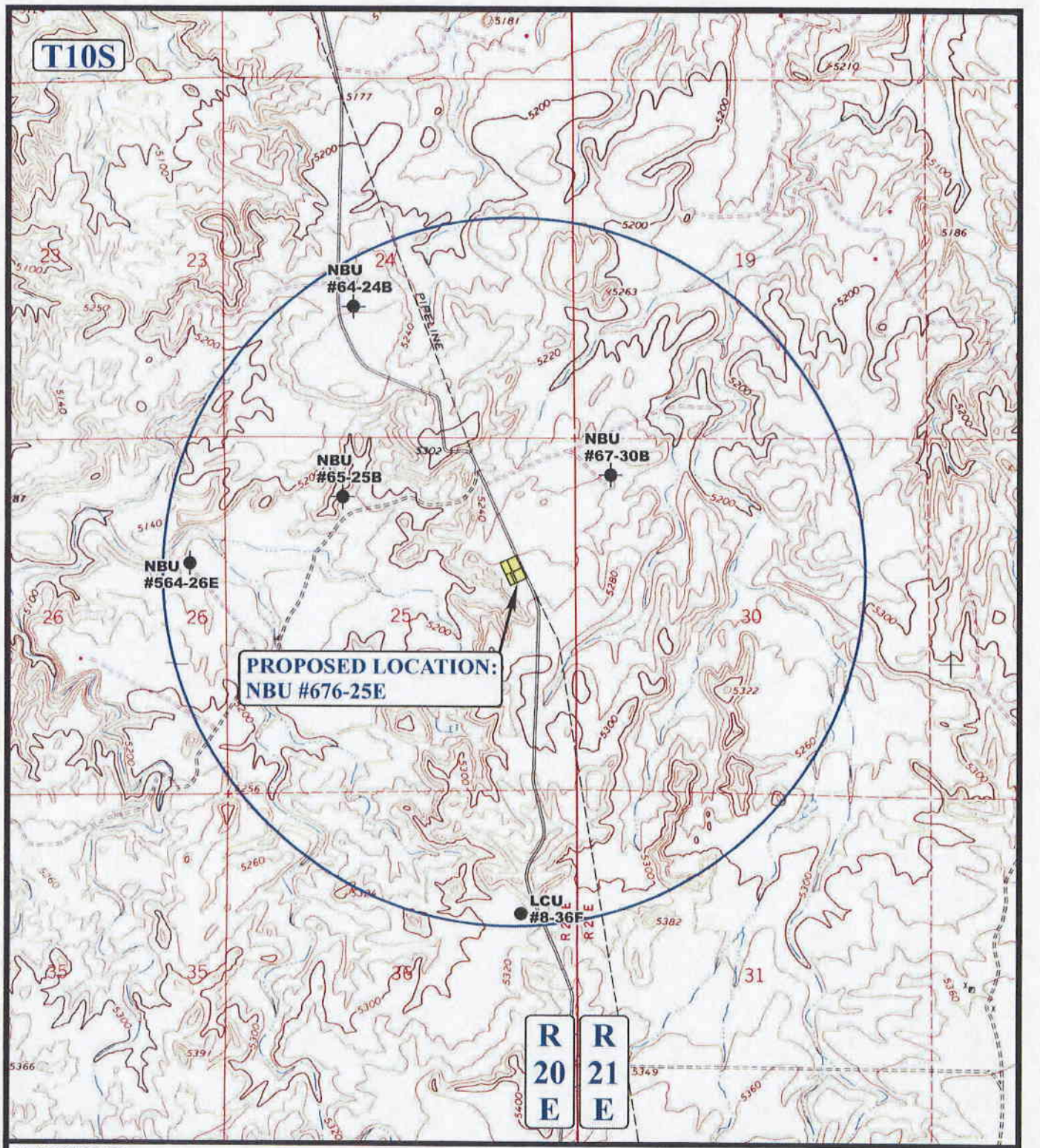
N

EOG RESOURCES, INC.

NBU #676-25E
SECTION 25, T10S, R20E, S.L.B.&M.
1978' FNL 923' FEL

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

TOPOGRAPHIC MAP	1 MONTH	22 DAY	08 YEAR	B TOPO
SCALE: 1" = 2000'	DRAWN BY: Z.L.	REVISED: 00-00-00		



LEGEND:

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

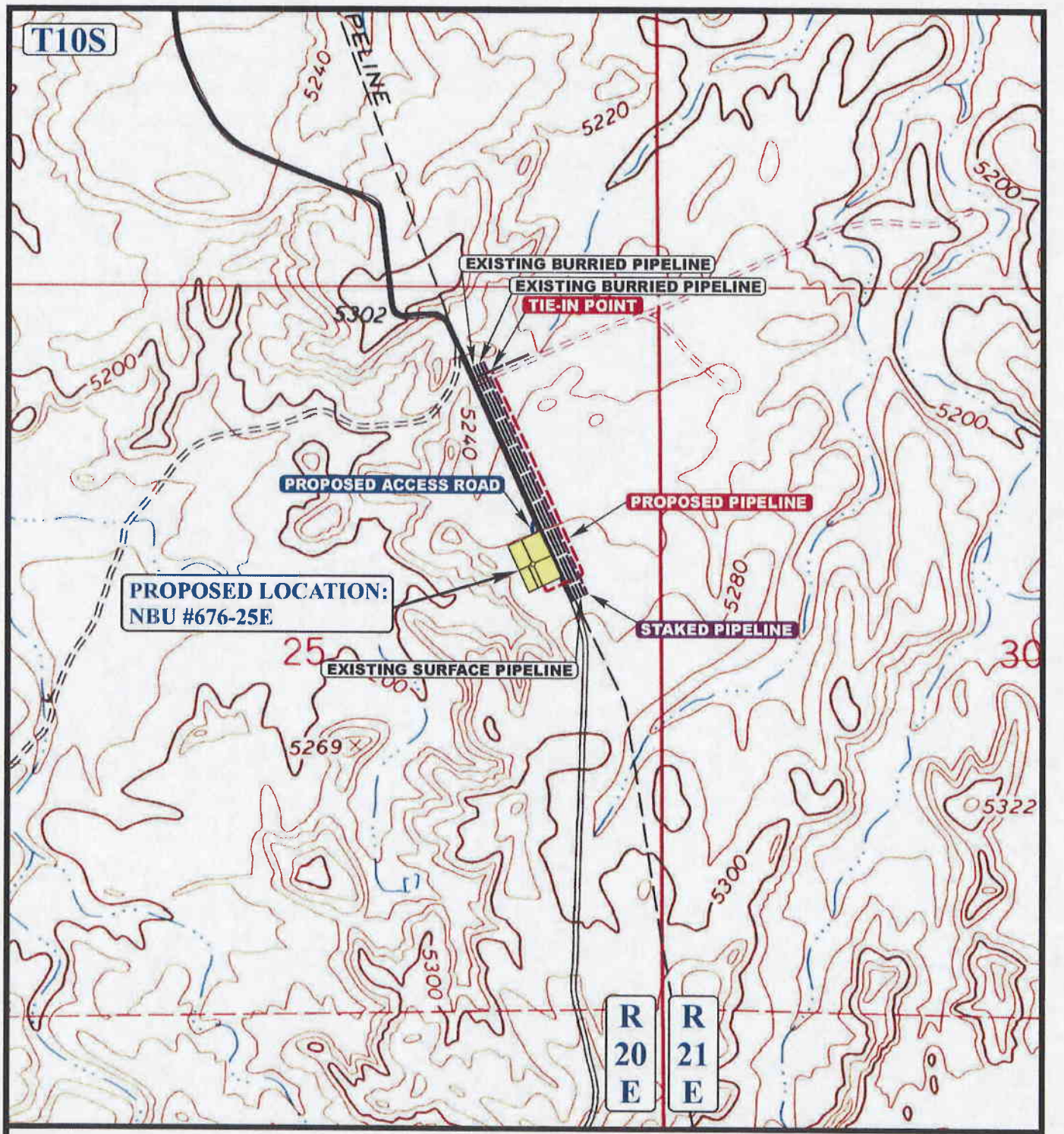
N

EOG RESOURCES, INC.

NBU #676-25E
SECTION 25, T10S, R20E, S.L.B.&M.
1978' FNL 923' FEL

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

TOPOGRAPHIC MAP	1 MONTH	22 DAY	08 YEAR	C TOPO
SCALE: 1" = 2000'	DRAWN BY: Z.L.	REVISED: 00-00-00		



APPROXIMATE TOTAL PIPELINE DISTANCE = 1,960' +/-

LEGEND:

PROPOSED ACCESS ROAD
EXISTING PIPELINE
PROPOSED PIPELINE

N

EOG RESOURCES, INC.

NBU #676-25E
SECTION 25, T10S, R20E, S.L.B.&M.
1978' FNL 923' FEL

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

TOPOGRAPHIC MAP	1 MONTH	22 DAY	08 YEAR	D TOPO
SCALE: 1" = 1000'	DRAWN BY: Z.L.	REVISED: 00-00-00		

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 02/12/2008

API NO. ASSIGNED: 43-047-50031

WELL NAME: NBU 676-25E
OPERATOR: EOG RESOURCES, INC. (N9550)
CONTACT: Kaylene Gardner

PHONE NUMBER: 435 781-9111

PROPOSED LOCATION:
SENE 25 100S 200E
SURFACE: 1978 FNL 0923 FEL
BOTTOM: 1978 FNL 0923 FEL
COUNTY: UINTAH
LATITUDE: 39.92050 LONGITUDE: -109.6067
UTM SURF EASTINGS: 619071 NORTHINGS: 4419653
FIELD NAME: NATURAL BUTTES (630)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal
LEASE NUMBER: UTU6774
SURFACE OWNER: 3 - State

PROPOSED FORMATION: BUKCN
COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

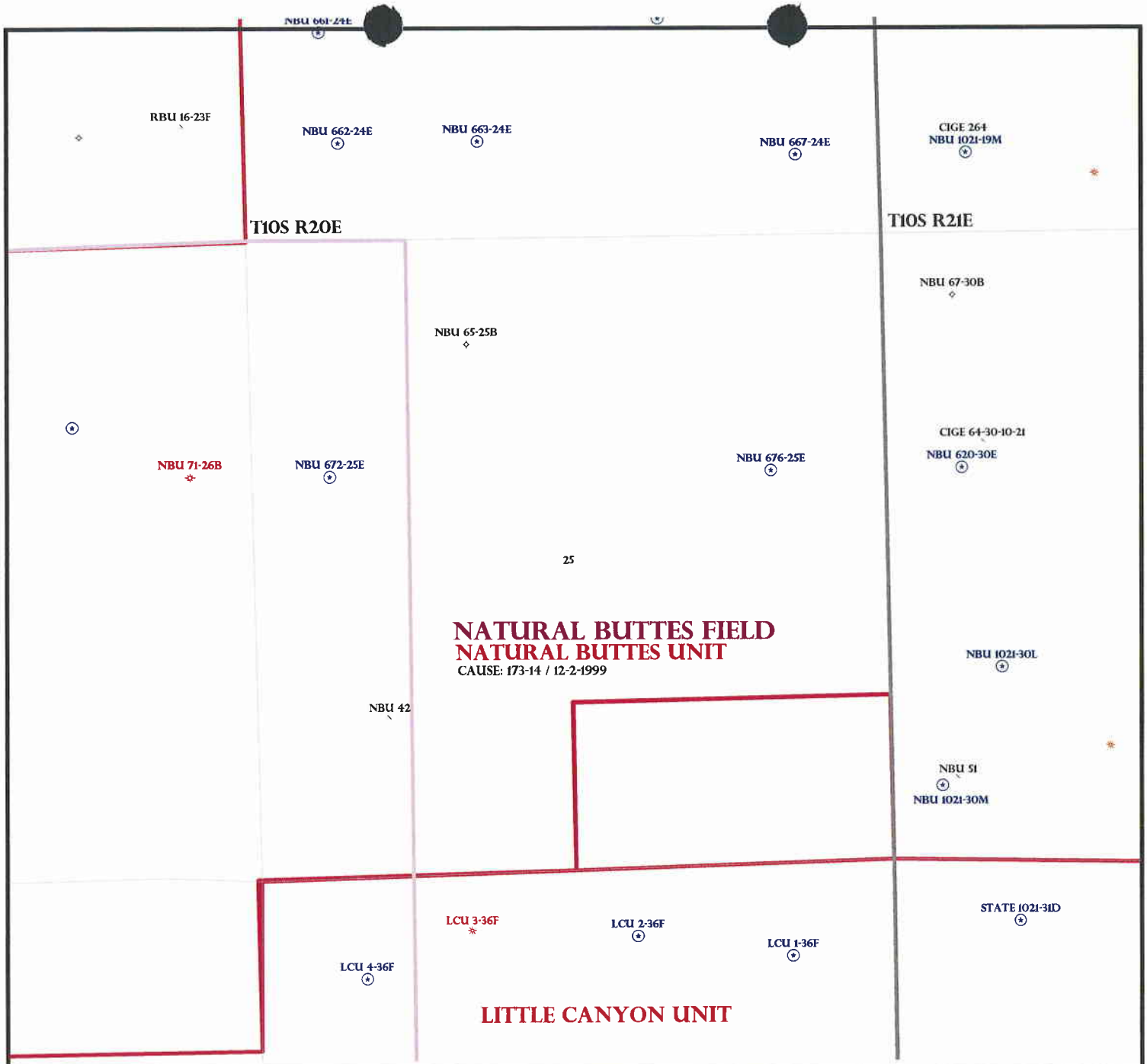
✓ Plat
✓ Bond: Fed[] Ind[] Sta[] Fee[]
(No. 6196017)
N Potash (Y/N)
✓ Oil Shale 190-5 (B) or 190-3 or 190-13
✓ Water Permit
(No. 49-225)
N RDCC Review (Y/N)
(Date:)
NA Fee Surf Agreement (Y/N)
NA Intent to Commingle (Y/N)

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 bdry & un comm. tract
___ R649-3-11. Directional Drill

COMMENTS: Needs Permit (02-21-08)

STIPULATIONS: 1- Federal Approval
2- STATEMENT OF BASIS



OPERATOR: EOG RESOURCES INC (N9550)

SEC: 25 T.10S R. 20E

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

UTAH DNR
OIL, GAS & MINING

N
W E
S

PREPARED BY: DIANA MASON
DATE: 21-FEBRUARY-2008

Application for Permit to Drill
Statement of Basis

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM
692	43-047-50031-00-00	SITLA	GW	S	No

Operator	EOG RESOURCES, INC.	**Surface Owner-APD**	
Well Name	NBU 676-25E	**Unit**	NATURAL BUTTES
Field	NATURAL BUTTES	**Type of Work**	DRILL
Location	SENE 25 10S 20E S 1978 FNL 923 FEL	GPS Coord (UTM)	619071E 4419653N

Geologic Statement of Basis

The mineral rights at the proposed location are owned by the Federal Government. The BLM will be the agency responsible for evaluating and approving the proposed drilling, casing and cementing programs.

Brad Hill	3/4/2008
APD Evaluator	**Date / Time**

Surface Statement of Basis

The general area is approximately 45 miles southwest of Vernal, Utah and 14 miles south of Ouray, Utah in the west end of the Natural Buttes oil field unit. The Seep ridge road bisects the section. The general area is characterized by rolling hills and benches, which are frequently intersected by somewhat gentle to deep draws running westerly a distance of about 3 miles into Willow Creek or northerly about 12 miles to the White River. The draws are occasionally rimed with steep side hills, which have exposed sand stone bedrock cliffs along the rims. Both Willow Creek and White River contain perennial streams. No other seeps, springs or streams are known to exist in the area. An occasional pond collecting runoff for livestock and antelope occurs.

The NBU #676-25E proposed gas well is 13.7 miles southeast of Ouray and is accessed by the Uintah County Seep Ridge Road which lies to the east. One hundred and twenty feet of new road will be constructed.

The proposed location is on gentle east sloping terrain immediately west of the Seep Ridge Road. The terrain also slopes to the north and west where it becomes more broken and steep eventually draining into a deep draw which runs westerly toward Willow Creek. Two rocky knolls lie to the west. The requested location is in the middle of the Seep Ridge Road. The location has been moved to miss this road and the steeper terrain to the west and north. No drainage concerns exist and no diversions will be required. At Corner 8 care is needed so that no fill extends to the Seep Ridge Road. Approximately 16 inches of snow and dense fog covered the area.

The surface is owned by SITLA and the minerals are owned by the Federal Government and administered by the BLM. Jim Davis of SITLA and Nathan Packer of the BLM attended the pre-site evaluation. Neither had any concerns about the proposal as planned. The location appears to be the best site for constructing a pad, drilling and operating a well in the immediate area. Mr. Davis told Mr. Tolman, representing EOG, that for reclamation requirements involving pit closures, interim reclamation or final reclamation, that SITLA should be contacted.

Daniel Emmett representing the UDWR stated the area is classified as yearlong crucial habitat for antelope but water not forage is the factor limiting the growth of the herd. He did not recommend any restrictions for this species. No other wildlife species are expected to be significantly affected. He furnished Byron Tolman representing EOG and Jim Davis of SITLA a copy of his wildlife evaluation.

Floyd Bartlett	2/21/2008
Onsite Evaluator	**Date / Time**

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
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 676-25E
API Number 43-047-50031-0 **APD No** 692 **Field/Unit** NATURAL BUTTES
Location: 1/4,1/4 SENE **Sec** 25 **Tw** 10S **Rng** 20E 1978 FNL 923 FEL
GPS Coord (UTM) 619072 4419652 **Surface Owner**

Participants

Floyd Bartlett (DOGM), Jim Davis (SITLA), Byron Tolman (Agent for EOG), Daniel Emmett (Utah Division of Wildlife Resources), Nathan Packer (BLM)

Regional/Local Setting & Topography

The general area is approximately 45 miles southwest of Vernal, Utah and 14 miles south of Ouray, Utah in the west end of the Natural Buttes oil field unit. The Seep ridge road bisects the section. The general area is characterized by rolling hills and benches, which are frequently intersected by somewhat gentle to deep draws running westerly a distance of about 3 miles into Willow Creek or northerly about 12 miles to the White River. The draws are occasionally rimed with steep side hills, which have exposed sand stone bedrock cliffs along the rims. Both Willow Creek and White River contain perennial streams. No other seeps, springs or streams are known to exist in the area. An occasional pond collecting runoff for livestock and antelope occurs.

The NBU #676-25E proposed gas well is 13.7 miles southeast of Ouray and is accessed by the Uintah County Seep Ridge Road which lies to the east. One hundred and twenty feet of new road will be constructed.

The proposed location is on gentle east sloping terrain immediately west of the Seep Ridge Road. The terrain also slopes to the north and west where it becomes more broken and steep eventually draining into a deep draw which runs westerly toward Willow Creek. Two rocky knolls lie to the west. The requested location is in the middle of the Seep Ridge Road. The location has been moved to miss this road and the steeper terrain to the west and north. No drainage concerns exist and no diversions will be required. At Corner 8 care is needed so that no fill extends to the Seep Ridge Road. Approximately 16 inches of snow and dense fog covered the area.

The surface is owned by SITLA and the minerals are owned by the Federal Government and administered by the BLM. The location appears to be the best site for constructing a pad, drilling and operating a well in the immediate area.

Surface Use Plan

Current Surface Use
Grazing
Wildlfe Habitat

New Road Miles	Well Pad		Src Const Material	Surface Formation
0.008	**Width** 376	**Length** 375	Onsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetland N

Flora / Fauna

Approximately 16 inches of snow covered the area. Identifiable or expected plants included broom snakeweed, shadscale, black sage, cheat grass and Gardner saltbrush.

Antelope, coyotes, rabbits and miscellaneous small mammals and birds.

Soil Type and Characteristics

Shallow sandy clay loam with some small surface rock is the probable surface soil.

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diverson Required N

Berm Required? N

Erosion Sedimentation Control Required? N

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

Reserve Pit

Site-Specific Factors		**Site Ranking**
Distance to Groundwater (feet)	>200	0
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	300 to 1320	10
Native Soil Type	Mod permeability	10
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)	<10	0
Affected Populations	<10	0
Presence Nearby Utility Conduits	Not Present	0
	Final Score	25 1 **Sensitivity Level**

Characteristics / Requirements

A 75' x 175' x 12' deep reserve pit is planned in an area of cut on the southwest corner of the location. It will be lined with a 16-mil liner with an appropriate thickness of felt sub- liner.

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

Other Observations / Comments

Floyd Bartlett 2/21/2008

Evaluator **Date / Time**

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

April 6, 2009

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

Re: NBU 676-25E Well, 1978' FNL, 923' FEL, SE NE, Sec. 25, T. 10 South, R. 20 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 43-047-50031.

Sincerely,

for Gil Hunt
Associate Director

pab
Enclosures

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

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • *www.ogm.utah.gov*

UTAH DNR OIL, GAS & MINING

Operator: EOG Resources, Inc.

Well Name & Number NBU 676-25E

API Number: 43-047-50031

Lease: UTU6774

Location: SE NE **Sec.** 25 **T.** 10 South **R.** 20 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

   Notify the division within 24 hours of spudding the well.

   - Contact Carol Daniels at (801) 538-5284.

   Notify the Division prior to commencing operations to plug and abandon the well.

   - Contact Dustin Doucet at (801) 538-5281 (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. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. 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.

6. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

X Change of Operator (Well Sold) — Designation of Agent/Operator

Operator Name Change — Merger

ROUTING
1. DJJ
2. CDW

The operator of the well(s) listed below has changed, effective: **1/1/2010**

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

CA No. **Unit:** **NATURAL BUTTES**

WELL NAME(S)	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LIST								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 12/24/2009
2. (R649-8-10) Sundry or legal documentation was received from the**NEW** operator on: 12/24/2009
3. The new company was checked on the**Department of Commerce, Division of Corporations Database on:** 3/7/2006
4. 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

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM not yet BIA n/a
8. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: not yet
9. **Federal and Indian Communization Agreements ("CA"):** The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
10. **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:

1. Changes entered in the **Oil and Gas Database on:** 1/31/2010
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 1/31/2010
3. Bond information entered in RBDMS on: 1/31/2010
4. Fee/State wells attached to bond in RBDMS on: 1/31/2010
5. Injection Projects to new operator in RBDMS on: n/a

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: WYB000291
2. Indian well(s) covered by Bond Number: n/a
3. (R649-3-1) The **NEW** operator of any state or fee well(s) listed covered by Bond Number 22013542
4. The **FORMER** operator has requested a release of liability from their bond on: n/a

COMMENTS:

EOG transferred all their leases and permits in NBU to Kerr-McGee effective January 1, 2010

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
Multiple Leases

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE – *Other instructions on page 2.*

7. If Unit of CA/Agreement, Name and/or No.
Natural Buttes

1. Type of Well
☐ Oil Well ☑ Gas Well ☐ Other

8. Well Name and No.
Multiple Wells

2. Name of Operator
EOG Resources , Inc

9. API Well No.
See Attached

3a. Address
1060 EAST HIGHWAY 40, VERNAL, UT 84078

3b. Phone No. *(include area code)*
435-781-9145

10. Field and Pool or Exploratory Area
Natural Buttes

4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)*
See Attached

11. Country or Parish, State
Uintah, Utah

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☑ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☑ Other Change of Operator
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

EOG Resources, Inc. has assigned all of its right, title and interest in the wells described in the attached list ("the Subject Wells") to Kerr-McGee Oil & Gas Onshore LP and will relinquish and transfer operatorship of all of the Subject Wells to Kerr-McGee Oil & Gas Onshore LP on January 1, 2010.

As of January 1, 2010, Kerr-McGee Oil & Gas Onshore LP will be considered to be the operator of each of the Subject Wells and will be responsible under the terms and conditions of the applicable lease for the operations conducted upon the leased lands. Bond coverage is provided under Kerr-McGee Oil & Gas Onshore LP's Nationwide BLM Bond No. WYB-000291.

Kerr-McGee Oil & Gas Onshore LP
1099 18th Street, Suite 1800
Denver, CO 80202-1918

By: Michael A. Nixson Date: 12/17/2009
Michael A. Nixson
Agent and Attorney-in-Fact

APPROVED* 1/31/2010 *except (1)
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

14. I hereby certify that the foregoing is true and correct.
Name *(Printed/Typed)*
J. Michael Schween

Title Agent and Attorney-in-Fact

Signature

Date 12/17/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

RECEIVED
DEC 24 2009

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

(1)

Lease	API #	Well Name	Footages	T	R	Sec.	QQ	PROPOSED TD	APD Sub'd
UTU-0581	43-047-40216	Natural Buttes Unit 419-29E	859 FNL - 2338 FWL	9S	21E	29	NENW	6,640	6-26-08
UTU-0581	43-047-50127	Natural Buttes Unit 420-29E	471 FNL - 2012 FEL	9S	21E	29	NWNE	6,673	9-11-08
UTU-01791	43-047-40225	Natural Buttes Unit 430-8E	882 FSL - 514 FWL	10S	21E	8	SWSW	6,201	7-3-08
UTU-01791	43-047-40074	Natural Buttes Unit 432-9E	864 FSL - 686 FWL	10S	21E	9	SWSW	5,984	5-8-08
UTU-010954-A	43-047-39732	Natural Buttes Unit 512-35E	722 FNL - 1988 FWL	9S	22E	35	NENW	7,412	10-19-07
UTU-0149076	~~43-047-35888~~	~~Natural Buttes Unit 540-24E~~	521 FSL - 750 FEL	9S	21E	24	SESE	9,800	8-6-04
UTU-010954	43-047-39306	Natural Buttes Unit 603-35E	1047 FNL - 679 FEL	9S	22E	35	NENE	7,257	5-14-07
UTU-010954-A	43-047-39302	Natural Buttes Unit 604-35E	1139 FNL - 1826 FEL	9S	22E	35	NWNE	7,330	5-11-07
UTU-010954	43-047-50275	Natural Buttes Unit 605-35E	1799 FNL - 2165 FEL	9S	22E	35	SWNE	7,290	1-29-09
UTU-010954-A	43-047-39292	Natural Buttes Unit 627-35E	1970 FNL - 1847 FWL	9S	22E	35	SENW	7,275	5-7-07
UTU-6774	43-047-50028	Natural Buttes Unit 672-25E	1980 FNL - 660 FWL	10S	20E	25	SWNW	6,032	2-5-08
UTU-6774	43-047-50036	Natural Buttes Unit 675-25E	1977 FNL - 2110 FEL	10S	20E	25	SWNE	6,035	3-14-08
UTU-6774	43-047-50031	Natural Buttes Unit 676-25E	1978 FNL - 923 FEL	10S	20E	25	SENE	6,100	2-12-08
UTU-4476	43-047-40416	Natural Buttes Unit 677-26E	839 FNL - 1133 FWL	10S	20E	26	NWNW	6,157	11-14-08
UTU-4476	43-047-40220	Natural Buttes Unit 678-26E	1960' FNL - 481 FWL	10S	20E	26	SWNW	6,254	7-3-08
UTU-4476	43-047-40305	Natural Buttes Unit 680-26E	799 FNL - 1923 FEL	10S	20E	26	NWNE	6,242	8-1-08
UTU-01791	43-047-40417	Natural Buttes Unit 692-6E	661 FSL - 1840 FWL	10S	21E	6	SESW	6,484	11-14-08
UTU-472	43-047-40268	Natural Buttes Unit 701-26E	2215 FNL - 1770 FEL	10S	22E	26	SWNE	7,023	7-24-08
UTU-472	43-047-40240	Natural Buttes Unit 702-26E	2130 FSL - 1903 FEL	10S	22E	26	NWSE	7,003	7-14-08
UTU-472	43-047-40241	Natural Buttes Unit 703-26E	1836 FSL - 797 FEL	10S	22E	26	NESE	6,991	7-14-08
UTU-472	43-047-40267	Natural Buttes Unit 704-26E	785 FSL - 1806 FEL	10S	22E	26	SWSE	6,998	7-24-08
UTU-472	43-047-40374	Natural Buttes Unit 705-26E	552 FSL - 475 FEL	10S	22E	26	SESE	6,957	9-22-08
UTU-037167	43-047-40243	Natural Buttes Unit 710-35E	600 FNL - 1967 FWL	10S	22E	35	NENW	6,984	7-14-08
UTU-037167	43-047-40418	Natural Buttes Unit 712-35E	2160 FNL - 1923 FWL	10S	22E	35	SENW	6,938	11-14-08
UTU-037167	43-047-40242	Natural Buttes Unit 713-35E	739 FSL - 702 FEL	10S	22E	35	NENE	6,902	7-14-08
UTU-037167	43-047-40270	Natural Buttes Unit 714-35E	1957 FNL - 1881 FEL	10S	22E	35	SWNE	6,933	7-24-08
UTU-037167	43-047-40269	Natural Buttes Unit 715-35E	1684 FNL - 1042 FEL	10S	22E	35	SENE	6,921	7-24-08
UTU-0577-A	43-047-50262	Natural Buttes Unit 716-26E	660 FNL - 1980 FEL	9S	20E	26	NWNE	7,184	1-19-09
UTU-0577-A	43-047-40264	Natural Buttes Unit 717-26E	2084 FNL - 1978 FEL	9S	20E	26	SWNE	7,180	7-24-08
UTU-0577-A	43-047-40210	Natural Buttes Unit 718-26E	2009 FNL - 557 FEL	9S	20E	26	SENE	7,201	6-26-08
UTU-0577-A	43-047-50116	Natural Buttes Unit 719-26E	2088 FSL - 2171 FEL	9S	20E	26	NWSE	7,164	9-11-08
UTU-0577-A	43-047-40265	Natural Buttes Unit 720-26E	1916 FSL - 685 FEL	9S	20E	26	NESE	7,175	7-24-08
UTU-0577-A	43-047-50115	Natural Buttes Unit 721-26E	624 FSL - 1828 FEL	9S	20E	26	SWSE	7,167	9-11-08
UTU-0577-A	43-047-40209	Natural Buttes Unit 722-26E	676 FSL - 849 FEL	9S	20E	26	SESE	7,175	6-26-08
UTU-0582	43-047-40212	Natural Buttes Unit 723-35E	668 FNL - 1985 FEL	9S	20E	35	NWNE	7,093	7-2-08
UTU-0582	43-047-40215	Natural Buttes Unit 724-35E	758 FNL 781 FEL	9S	20E	35	NENE	7,097	7-2-08
UTU-0582	43-047-40214	Natural Buttes Unit 725-35E	1884 FNL - 2179 FEL	9S	20E	35	SWNE	7,074	6-26-08
UTU-0582	43-047-40211	Natural Buttes Unit 726-35E	1966 FNL - 515 FEL	9S	20E	35	SENE	7,084	6-26-08
UTU-460	43-047-50274	Natural Buttes Unit 727-35E	2049 FSL - 1745 FEL	9S	20E	35	NWSE	7,031	1-29-09
UTU-460	43-047-40458	Natural Buttes Unit 728-35E	852 FSL - 1937 FEL	9S	20E	35	SWSE	7,017	12-19-08

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DIV. OF OIL, GAS & MINING

Lease	API #	Well Name	Footages	T	R	Sec.	QQ	PROPOSED TD	APD Sub'd
UTU-460	43-047-40213	Natural Buttes Unit 729-35E	554 FSL - 504 FEL	9S	20E	35	SESE	7,036	6-26-08
UTU-0581	43-047-40218	Natural Buttes Unit 737-30E	1948 FSL - 1071 FWL	9S	21E	30	NWSW (Lot 3)	6,756	7-2-08
UTU-0581	43-047-50468	Natural Buttes Unit 738-30E	1947 FSL - 2465 FWL	9S	21E	30	NESW	6,759	6-8-09
UTU-0581	43-047-40219	Natural Buttes Unit 739-30E	814 FSL - 2147 FWL	9S	21E	30	SESW	6,750	7-2-08
UTU-0581	43-047-50118	Natural Buttes Unit 740-30E	512 FSL - 780 FWL	9S	21E	30	SWSW (Lot 4)	6,809	9-11-08
UTU-0581	43-047-50128	Natural Buttes Unit 741-30E	661 FSL - 1980 FEL	9S	21E	30	SWSE	6,729	9-11-08
UTU-0581	43-047-40183	Natural Buttes Unit 742-30E	497 FSL - 618 FEL	9S	21E	30	SESE	6,737	6-26-08
UTU-01791	43-047-40222	Natural Buttes Unit 756-6E	1840 FSL - 2317 FWL	10S	21E	6	NESW	6,496	7-3-08
(1) UTU-0129384	~~43-047-50238~~	~~Natural Buttes Unit 757-26E~~	798 FNL - 850 FEL	10S	21E	26	NENE	6,488	7-14-08
UTU-0129384	43-047-40239	Natural Buttes Unit 758-27E	749 FNL - 664 FEL	10S	21E	27	NENE	5,530	7-14-08
UTU-0581	43-047-40217	Natural Buttes Unit 759-29E	1979 FNL - 2034 FWL	9S	21E	29	SENW	6,644	7-2-08
UTU-01197-A-ST	43-047-50683	Natural Buttes Unit 634-12EX	623 FNL - 672 FEL	10S	22E	12	NENE	7,128	8-23-09
ML-3140.5	43-047-50042	Natural Buttes Unit 733-36E	775 FNL - 2134 FEL	9S	20E	36	NWNE	7,050	4-14-08
UTU-01480-ST	43-047-50053	Natural Buttes Unit 744-31E	2515 FSL - 2533 FWL	9S	21E	31	NESW	6,989	6-5-08
ML-22446	43-047-50059	Natural Buttes Unit 749-31E	955 FSL - 489 FEL	9S	21E	31	SESE (LOT 8)	6,901	6-25-08
ML-3142	43-047-50062	Natural Buttes Unit 750-32E	1091 FNL - 1615 FWL	9S	21E	32	NENW	6,635	7-2-08
ML-3142	43-047-50055	Natural Buttes Unit 753-32E	478 FNL - 2066 FEL	9S	21E	32	NWNE	6,562	6-5-08

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DIV. OF OIL, GAS & MINING

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DEC 2 4 2000

DIV. OF OIL, GAS & MINING

PERMITTED WELL LIST

Well Name	API #	Lease #	QQ	Sec	T	R
Natural Buttes Unit 320-6E	43-047-40224	UTU01791	(Lot 6) NWSW	6	10S	21E
Natural Buttes Unit 375-13E	43-047-50029	UTU4485	SWSW	13	10S	20E
Natural Buttes Unit 377-9E	43-047-40073	UTU01791	NWNW	9	10S	21E
Natural Buttes Unit 425-4E	43-047-39427	UTU01393B	NWSW	4	10S	21E
Natural Buttes Unit 440-1E	43-047-39857	UTU02270A	NWSE	1	10S	20E
Natural Buttes Unit 441-12E	43-047-39418	UTU02270A	SENE	12	10S	20E
Natural Buttes Unit 495-31E	43-047-50037	ML22446	(Lot 6) NWSW	31	9S	21E
Natural Buttes Unit 498-13E	43-047-37684	UTU4485	NESE	13	10S	20E
Natural Buttes Unit 507-7E	43-047-40048	UTU02270A	SESW	7	10S	21E
Natural Buttes Unit 515-25E	43-047-50033	UTU6774	NWNE	25	10S	20E
Natural Buttes Unit 517-6E	43-047-40223	UTU01791	(Lot 7) SWSW	6	10S	21E
Natural Buttes Unit 531-8E	43-047-40050	UTU01791	NESW	8	10S	21E
(1) ~~Natural Buttes Unit 532-12E~~	~~43-047-35200~~	UTU02270A	SWNE	12	10S	20E
Natural Buttes Unit 606-35E	43-047-39797	UTU010954A	NWNW	35	9S	22E
Natural Buttes Unit 607-35E	43-047-39307	UTU010954A	SWNW	35	9S	22E
Natural Buttes Unit 609-23E	43-047-39318	UTU01393B	SENE	23	10S	22E
Natural Buttes Unit 610-23E	43-047-39317	UTU01393B	NESE	23	10S	22E
Natural Buttes Unit 612-23E	43-047-39314	UTU01393B	SWSE	23	10S	22E
Natural Buttes Unit 616-5E	43-047-39304	UTU01393B	SWNE	5	10S	21E
Natural Buttes Unit 619-4E	43-047-39446	UTU01393B	SESW	4	10S	21E
Natural Buttes Unit 620-30E	43-047-39309	ML22793	(Lot 2) SWNW	30	10S	21E
Natural Buttes Unit 628-1E	43-047-39311	UTU01198B	SESW	1	10S	22E
Natural Buttes Unit 629-1E	43-047-39312	UTU01198B	NWSE	1	10S	22E
Natural Buttes Unit 630-1E	43-047-39298	UTU01198B	NESE	1	10S	22E
Natural Buttes Unit 631-1E	43-047-39297	UTU01198B	SESE	1	10S	22E
Natural Buttes Unit 649-26E	43-047-39870	UTU472	NWNE	26	10S	22E
Natural Buttes Unit 651-26E	43-047-39871	UTU472	SENE	26	10S	22E
Natural Buttes Unit 652-6E	43-047-39859	UTU01791	SWSE	6	10S	21E
Natural Buttes Unit 656-1E	43-047-39868	UTU01791	NWNE	1	10S	20E
(1) ~~Natural Buttes Unit 657-1E~~	~~43-047-39856~~	UTU01791	(Lot 1) NENE	1	10S	20E
Natural Buttes Unit 659-1E	43-047-39855	UTU01791	SENE	1	10S	20E
Natural Buttes Unit 669-29E	43-047-50030	U01207ST	SWNE	29	9S	22E

Well Name	API #	Lease #	QQ	Sec	T	R
Natural Buttes Unit 673-25E	43-047-50034	UTU6774	SENW	25	10S	20E
Natural Buttes Unit 674-25E	43-047-50035	UTU6774	NENE	25	10S	20E
Natural Buttes Unit 679-26E	43-047-40221	UTU4476	SENW	26	10S	20E
Natural Buttes Unit 681-26E	43-047-40330	UTU4476	NENE	26	10S	20E
Natural Buttes Unit 682-9E	43-047-40075	UTU01791	NENW	9	10S	21E
Natural Buttes Unit 683-9E	43-047-40072	UTU01791	NESW	9	10S	21E
Natural Buttes Unit 730-36E	43-047-50061	ML3140.5	NWNW	36	9S	20E
(1) ~~Natural Buttes Unit 731-36E~~	~~43-047-50061~~	ML3140.5	NENW	36	9S	20E
Natural Buttes Unit 732-36E	43-047-50060	ML3140.5	SWNW	36	9S	20E
Natural Buttes Unit 734-36E	43-047-50065	ML3140.5	NENE	36	9S	20E
Natural Buttes Unit 735-36E	43-047-50039	ML3140.5	SWNE	36	9S	20E
Natural Buttes Unit 736-36E	43-047-50063	ML3140.5	SENE	36	9S	20E
Natural Buttes Unit 743-31E	43-047-50040	UTU01480AST	(Lot 3) NWSW	31	9S	21E
Natural Buttes Unit 745-31E	43-047-50041	ML224446	Lot 4	31	9S	21E
Natural Buttes Unit 746-31E	43-047-50090	UTU01480ST	NWSE	31	9S	21E
Natural Buttes Unit 747-31E	43-047-50049	UTU01480ST	NESE	31	9S	21E
Natural Buttes Unit 748-31E	43-047-50050	ML22446	(Lot 7) SWSE	31	9S	21E
Natural Buttes Unit 751-32E	43-047-50056	ML3412	SWNW	32	9S	21E
Natural Buttes Unit 752-32E	43-047-50051	ML3412	SENW	32	9S	21E
Natural Buttes Unit 754-32E	43-047-50092	ML3412	SWNE	32	9S	21E
Natural Buttes Unit 755-32E	43-047-50054	ML3412	SENE	32	9S	21E
Natural Buttes Unit 761-5E	43-047-50108	UTU01393B	NWSE	5	10S	21E

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DEC 1 4 2000
DIV. OF OIL, GAS & MINING

API Well No: 43047500310000

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU6774

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 676-25E

2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.

9. API NUMBER: 43047500310000

3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779

PHONE NUMBER: 720 929-6007 Ext

9. FIELD and POOL or WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1978 FNL 0923 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 25 Township: 10.0S Range: 20.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 4/6/2010	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	✓ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

Kerr-McGee Oil & Gas Onshore, L.P. (Kerr-McGee) respectfully requests an extension to this APD for the maximum time allowed. Please contact the undersigned with any questions and/or comments. Thank you.

Approved by the Utah Division of Oil, Gas and Mining

Date: April 13, 2010

By: [signature]

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Danielle Piernot	720 929-6156	Regulatory Analyst

SIGNATURE	DATE
N/A	4/5/2010

RECEIVED April 05, 2010

The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047500310000

API: 43047500310000
Well Name: NBU 676-25E
Location: 1978 FNL 0923 FEL QTR SENE SEC 25 TWNP 100S RNG 200E MER S
Company Permit Issued to: KERR-MCGEE OIL & GAS ONSHORE, L.P.
Date Original Permit Issued: 4/6/2009

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- **If located on private land, has the ownership changed, if so, has the surface agreement been updated?** ○ **Yes** ◉ **No**
- **Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?** ○ **Yes** ◉ **No**
- **Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?** ○ **Yes** ◉ **No**
- **Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?** ○ **Yes** ◉ **No**
- **Has the approved source of water for drilling changed?** ○ **Yes** ◉ **No**
- **Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?** ○ **Yes** ◉ **No**
- **Is bonding still in place, which covers this proposed well?** ◉ **Yes** ○ **No**

Approved by the Utah Division of Oil, Gas and Mining

Signature: Danielle Piernot **Date:** 4/5/2010
Title: Regulatory Analyst **Representing:** KERR-MCGEE OIL & GAS ONSHORE, L.P.

Date: April 13, 2010

By: [signature]

RECEIVED April 05, 2010

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Green River District-Vernal Field Office
170 South 500 East
Vernal, UT 84078
(435) 781-4400 Fax: (435) 781-4410
http://www.blm.gov/ut/st/en/fo/vernal.html

TAKE PRIDE IN AMERICA

IN REPLY REFER TO:
3160
UTG011

April 21, 2010

Kathy Schneebeck Dulnoan
Kerr McGee Oil & Gas Onshore LP
PO Box 173779
Denver, CO 80217-3779

43-047-50031

Re: Request to Return APD
Well No. NBU 676-25E
SENE, Sec. 25, T10S, R20E
Uintah County, Utah
Lease No. UTU-6774
Natural Buttes Unit

Dear Kathy:

The Application for Permit to Drill (APD) for the above referenced well received in this office on February 12, 2008, is being returned unapproved per your request to this office in an email message to Natural Resource Specialist Dave Gordon received on April 12, 2010. If you intend to drill at this location at a future date, a new APD must be submitted.

If you have any questions regarding APD processing, please contact me at (435) 781-4455.

Sincerely,

/s/ Cindy Severson

Cindy Severson
Land Law Examiner

cc: UDOGM

bcc: Well File
Reading File
ES

RECEIVED
MAY 19 2010
DIV. OF OIL, GAS & MINING

GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

April 12, 2011

Julie Jacobson
Kerr-McGee Oil & Gas Onshore, L.P.
P.O. Box 173779
Denver, CO 80217

Re: APDs Rescinded for Kerr McGee Oil & Gas Onshore, L.P
Uintah County

Dear Ms. Jacobson:

Enclosed find the list of APDs that are being rescinded per your request to Kerr-McGee Oil & Gas Onshore, L.P. No drilling activity at these locations has been reported to the division. Therefore, approval to drill these wells is hereby rescinded, effective April 8, 2011.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Diana Mason
Environmental Scientist

cc: Well File
Bureau of Land Management, Vernal
SITLA, Ed Bonner

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114 -5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • www.ogm.utah.gov

UTAH DNR OIL, GAS & MINING

4304750031	NBU 676-25E	State Surface
4304750036	NBU 675-25E	State Surface
4304736569	NBU 1022-14N	
4304738003	NBU 922-33K-4	
4304750053	NBU 744-31E	State Surface and State Minerals
4304750062	NBU 750-32E	State Surface and State Minerals
4304751031	HATCH 923-14O	
4304740058	HATCH 923-13K	
4304739292	NBU 627-35E	
4304739302	NBU 604-35E	
4304740072	NBU 683-09E	
4304740074	NBU 432-09E	
4304740075	NBU 682-09E	
4304739306	NBU 603-35E	
4304740077	OURAY 821-35FD	

GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
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April 12, 2011

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