

EOG Resources, Inc.
P.O. Box 250
Big Piney, WY 83113

May 3, 2001

Utah Division of Oil, Gas, & Mining
1594 West North Temple
Box 145801
Salt Lake City, UT 84114-5801

RE: APPLICATION FOR PERMIT TO DRILL
NORTH DUCK CREEK 178-31
SW/4NE/4, SEC. 31, T8S, R21E
UINTAH COUNTY, UTAH
LEASE NO.: U-24230
UTE INDIAN TRIBE LANDS

Enclosed please find a copy of the Application for Permit to Drill and associated attachments for the referenced well.

Please address further communication regarding this matter (including approval) to:

Ed Trotter
P.O. Box 1910
Vernal, UT 84078
Phone: (435)789-4120
Fax: (435)789-1420

Sincerely,



Ed Trotter
Agent
EOG Resources, Inc.

Attachments

RECEIVED

MAY 09 2001

DIVISION OF
OIL, GAS AND MINING

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

001

1a. TYPE OF WORK
DRILL **DEEPEN**

b. TYPE OF WELL
 Oil Gas Single Multiple
 Well Well Other Zone Zone

2. Name of Operator
EOG RESOURCES, INC.

3. Address and Telephone Number
P.O. BOX 1815, VERNAL, UT 84078 (435)789-0790

4. Location of Well (Report location clearly and in accordance with any State requirements.)
 At surface **1892' FNL & 2157' FEL SW/NE 4437544 N 619842 E**

5. Lease designation and serial number
U-24230

6. If Indian, Allottee or Tribe name
UTE INDIAN TRIBE

7. Unit Agreement Name

8. Farm or lease name, well no.
NORTH DUCK CREEK

9. API Well No.
NDC 178-31

10. Field and pool, or wildcat and survey or area
WASATCH - Natural Gas

11. Sec., T., R., M., or BLK. and survey or area
SEC. 31, T8S, R21E

12. County or parish
UINTAH

13. State
UTAH

14. Distance in miles and direction from nearest town or post office
5.2 MILES SOUTHEAST OF OURAY, UTAH

15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. Unit line, if any)
1892'

16. No. of acres in lease
1557.87

17. No. of acres assigned to this well

18. Distance from proposed location to nearest well, drilling, completed, or applied for, on this lease, ft.

19. Proposed depth
7430'

20. Rotary or cable tools
ROTARY

21. Elevations (show whether DF, RT, GR, etc.)
4705.9 FEET GRADED GROUND

22. Approx. date work will start
UPON APPROVAL

23. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8 5/8"	24#	200' - 220'	100-150 SX CLASS "G" + 2%
or 12 1/4"	9 5/8"	32.30#	200 - 220'	CaCl2 + 1/4 #/SX CELLOFLAKE.
7 7/8"	4 1/2"	10.50#	7430'	50/50 POXMIX + 2% GEL + 10% SALT TO 400' ABOVE ALL ZONES OF INTEREST (+10% EXCESS). LIGHT CEMENT (11PPG+) + LCM TO 200' ABOVE OIL SHALE OR FRESH WATER INTERVALS (+ 5% EXCESS).

SEE ATTACHMENTS FOR:

- 8 POINT PLAN
- BOP SCHEMATIC
- SURFACE USE AND OPERATING PLAN
- LOCATION PLAT
- LOCATION LAYOUT
- TOPOGRAPHIC MAPS "A", "B", AND "C"
- GAS SALES PIPELINE—MAP "D"
- FACILITY DIAGRAM



EOG RESOURCES, INC. WILL BE THE DESIGNATED OPERATOR OF THE SUBJECT WELL UNDER BOND #NM 2308

RECEIVED
MAY 03 2001

Pc: UTAH DIVISION OF OIL, GAS, AND MINING
BUREAU OF INDIAN AFFAIRS

DIVISION OF OIL, GAS AND MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface location and measured and true vertical depths. Give blowout preventer program, if any.

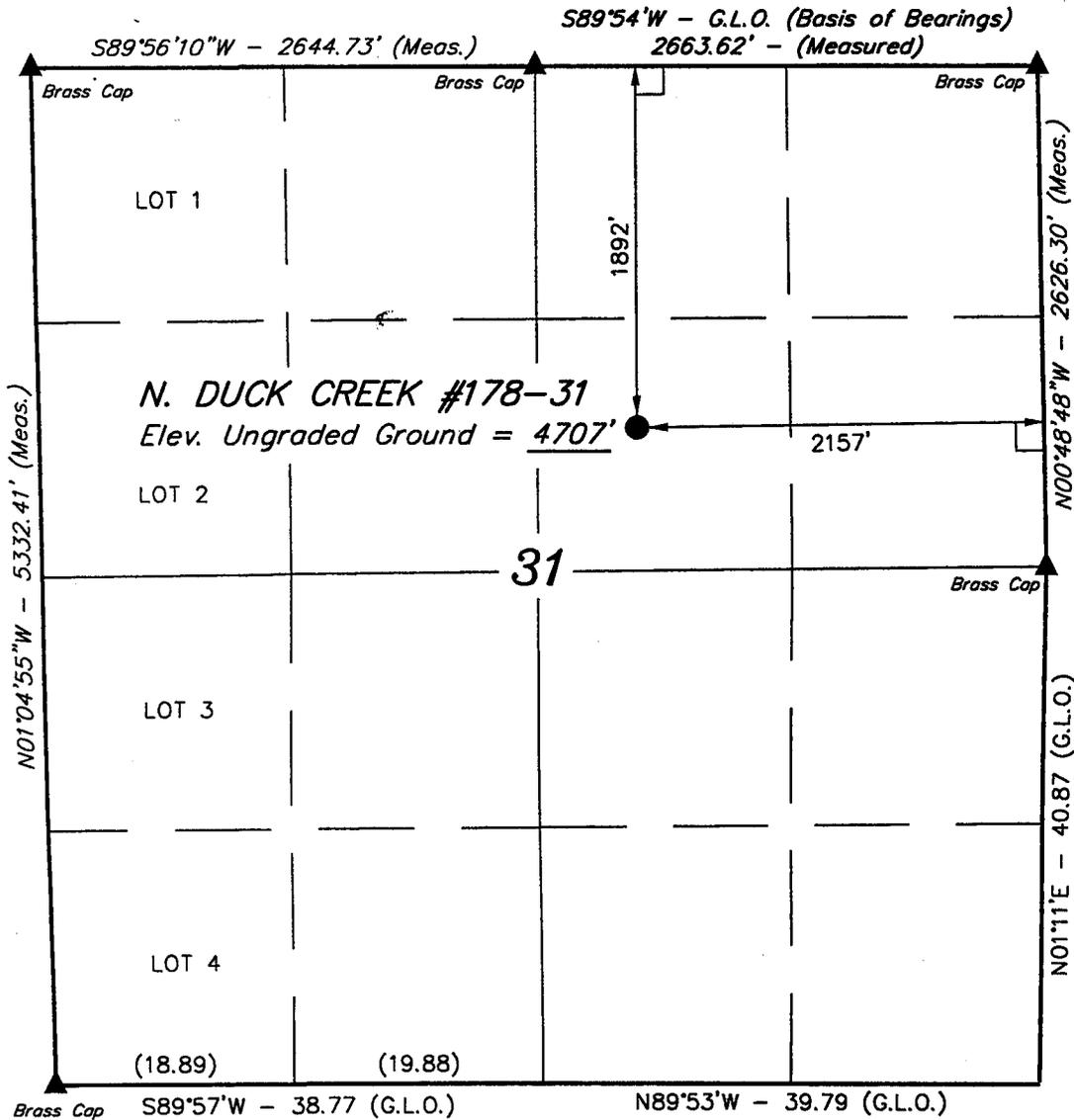
SIGNED *Bradley G. Hill* DATE 5-3-2001
 Federal Approval of this Action is Necessary Agent

(This space for Federal or State office use)
 PERMIT NO. 43-047-34070 APPROVAL DATE _____

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:
 APPROVED BY *Bradley G. Hill* TITLE BRADLEY G. HILL DATE 05-16-01
RECLAMATION SPECIALIST III

T8S, R21E, S.L.B.&M.

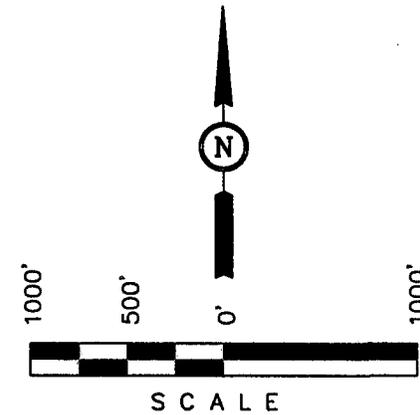


EOG RESOURCES, INC.

Well location, N. DUCK CREEK #178-31, located as shown in the SW 1/4 NE 1/4 of Section 31, T8S, R21E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHEAST CORNER OF SECTION 31, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE QUADRANGLE, UTAH, UINTAH COUNTY 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4753 FEET.



CERTIFICATE

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

Robert J. Cox
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161319
 STATE OF UTAH

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

LEGEND:

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

LATITUDE = 40°04'53"
 LONGITUDE = 109°35'40"

SCALE 1" = 1000'	DATE SURVEYED: 3-12-01	DATE DRAWN: 3-14-01
PARTY B.B. J.W. D.COX	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE EOG RESOURCES, INC.	

EIGHT POINT PLAN

NORTH DUCK CREEK 178-31
SW/NE, SEC. 31, T8S, R21E, S.L.B.&M.
UINTAH COUNTY, UTAH

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

FORMATION	DEPTH	TYPE ZONES	MAXIMUM PRESSURE
Green River	2375		
Oil Shale	2375		
Base "M" Marker	5265		
Wasatch	5730		
Peters Point	5730	GAS	
Chapita Wells	6440	GAS	
Buck Canyon	7205	GAS	

EST. TD: 7430

Anticipated BHP 3200 PSI

3. PRESSURE CONTROL EQUIPMENT: BOP Schematic Diagram attached.

4. CASING PROGRAM:

<u>HOLE SIZE</u>	<u>INTERVAL</u>	<u>LENGTH</u>	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>THREAD</u>	<u>MINIMUM SAFETY FACTOR</u>		
							<u>COLLAPSE</u>	<u>BURST</u>	<u>TENSILE</u>
11	0' - 220'	200' - 220'	8 5/8	24.0 #	J-55	ST&C	1370 PSI	2950 PSI	263,000#
or									
12 1/4	0' - 220'	200' - 220'	9 5/8	32.3 #	H-40	ST&C	1370 PSI	2270 PSI	254,000#
7 7/8	0' - 7430'	7430'	4 1/2	10.5 #	J-55	ST&C	4010 PSI	4790 PSI	146,000#

If conductor drive pipe is used, it will be left in place if its total length is less than 20 feet below the surface. If the total length of the drive pipe is equal to or greater than 20 feet, it will be pulled prior to cementing surface casing, or it will be cemented in place. The minimum diameter of the conductor drive pipe will be 13 3/8".

All casing will be new or inspected.

5. MUD PROGRAM

<u>INTERVAL</u>	<u>MUD TYPE</u>
0' - 220'	Air
240' - 4000'	Air/Mist & Aerated Water
4000' - TD	Air/3% KCL water or KCL substitute

Lost circulation probable from 1500' to 3000'+/-.

EIGHT POINT PLAN

NORTH DUCK CREEK 178-31
SW/NE, SEC. 31, T8S, R21E, S.L.B.&M.
UINTAH COUNTY, UTAH

Sufficient mud inventory will be maintained on location during drilling to handle any adverse conditions that may arise.

6. VARIANCE REQUESTS:

- A. EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line (Where possible, a straight run blooie line will be used).
- B. EOG Resources, Inc. requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line. (Not required on aerated water system).
- B. 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 75' in length.

7. EVALUATION PROGRAM:

Logs: Schlumberger Wireline

Gamma Ray-Neutron

T.D. to base of surface casing

Dipole Sonic-Neutron-GR

T.D. to 5100'

Cores: None Programmed

DST: None Programmed

Completion: To be submitted at a later date.

Note: If hole conditions prevent the running of open hole logs, a cased hole Dipole Sonic/Neutron/GR will be run in lieu of open hole logs.

8. ABNORMAL CONDITIONS:

None anticipated.

9. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Kelly Clock
- C. Stabbing Valve
- D. Visual Mud Monitoring

EIGHT POINT PLAN

NORTH DUCK CREEK 178-31
SW/NE, SEC. 31, T8S, R21E, S.L.B.&M.
UINTAH COUNTY, UTAH

10. 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.

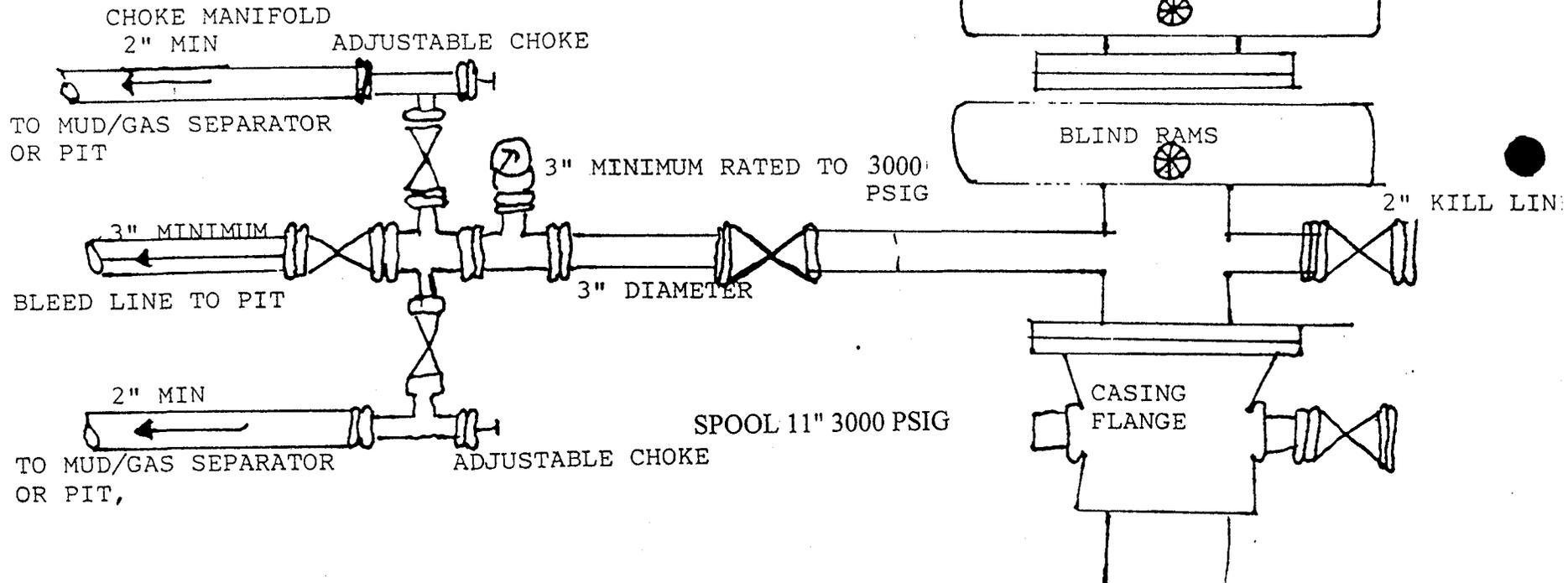
(Attachment: BOP Schematic Diagram)

3000 PSIG DIAGRAM

ANNULAR PREVENTOR AND BOTH RAMS ARE 3000 RATED.
 CASING FLANGE IS 11" 3000 PSIG RATED.
 BOPE 11" 3000 PSIG

TESTING PROCEDURE:

1. BOPE 's will be tested with a professional tester to conform to Onshore Order #2 with retest every 14 days.
2. Blind & Pipe rams will be tested to rated working pressure, 3000 psig
3. Annular preventor will be tested to 50% of working pressure, 1500 psig
4. Casing will be tested to 0.22 psi/ft. or 1500 psig. Not to exceed 70% of burst strength, whichever is greater.
5. All lines subject to well pressure will be pressure tested to the same pressure as blind & pipe rams.
6. All BOPE specifications and configurations will meet Onshore Order #2 requirements for 3000 psig BOPE specifications.



**CONDITIONS OF APPROVAL
FOR THE SURFACE USE PROGRAM OF THE
APPLICATION FOR PERMIT TO DRILL**

Company/Operator: EOG Resources, Inc.
Well Name & Number: North Duck Creek 178-31
Lease Number: U-24230
Location: 1892' FNL & 2157' FEL, SW/NE, Sec.
31, T8S, R21E, S.L.B.&M., Uintah
County
Surface Ownership: Ute Indian Tribe

NOTIFICATION REQUIREMENTS

Location Construction - forty-eight (48) hours prior to construction of location and access roads.

Location Completion - prior to moving on the drilling rig.

Spud Notice: - at least twenty-four (24) hours prior to spudding the well.

Casing String and Cementing - twenty-four (24) hours prior to running casing and cementing all casing strings.

BOP and related Equipment Tests - twenty-four (24) hours prior to running casing and tests.

First Production Notice - within five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

THIRTEEN POINT SURFACE USE PROGRAM

1. EXISTING ROADS

- A. See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 5.2 miles southeast of Ouray, 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. No off lease Right-of-Way will be required.

2. PLANNED ACCESS ROAD

- A. The access road will be approximately 0.3 miles in length. See attached TOPO Map "B".
- B. The access road has a 30-foot ROW w/ 18 foot running surface.
- C. Maximum grade on access road will be 8%.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No culverts, 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.

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

All travel will be confined to existing access road Right-of-Way. Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service Publication: Surface Operating Standards For Oil & Gas Exploration and Development, (1989).

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, drainage, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot Right-of-Way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossings nor shall the drainages be blocked by the roadbed. Erosion of

drainage ditches by run off water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

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

3. **LOCATION OF EXISTING WELLS WITHIN A ONE MILE RADIUS OF PROPOSED WELL LOCATION**

Producing wells - 12*

(*See attached TOPO map "C" for location)

4. **LOCATION OF EXISTING AND/OR PROPOSED 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 well head valves, separator, dehy, 210 Bbl condensate tank, meter house, and attached piping.

See attached facility diagram.

2. Gas gathering lines - A 3" gathering line will be buried from dehy to the edge of the location.

B. **OFF WELL PAD**

1. Proposed location of attendant off pad flowlines shall be flagged prior to archaeological clearance.
2. A 3" OD steel above ground natural gas pipeline will be laid approximately 500' from proposed location to a point in the SW/NE of Section 31, T8S, R21E, where it will tie into Questar Pipeline Co.'s existing line. Proposed pipeline crosses BIA administered lands, thus a Right-of-Way grant will be required.
3. Proposed pipeline will be a 3" OD steel, welded line laid on the surface.
4. Protective measures and devices for livestock and wildlife will be taken and/or installed where required.

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

The production facilities will be placed on the South side of the location.

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 required will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

The required paint color is Carlsbad Canyon.

If at any time the facilities located on public land and authorized by the terms of the lease are no longer included in the lease (due to a construction in the unit or other lease or unit boundary change), the BIA will process a change in authorization to the appropriate rental or other financial obligation as determined by the authorized officer.

5. LOCATION & TYPE OF WATER SUPPLY

- A. Water supply will be from the Ouray Brine Plant at Ouray, Utah, and/or Target Trucking Inc.'s water source in the SW/SW, Sec. 35, T9S, R22E, Uintah County, Utah (State Water Right #49-1501). Produced water from the Chapita Wells and Stagecoach Units will also be used.
- B. Water will be hauled by Target Trucking Inc..
- C. No water well will be drilled on lease.

6. SOURCE OF CONSTRUCTION MATERIAL

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

7. METHODS OF HANDLING WASTE DISPOSAL

A. METHODS AND LOCATION

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

and then disposed of at one of the following three locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).

5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.

- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in the reserve pit or be 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.

On BIA administered land:

The reserve pit will be constructed so as not to leak, break, or allow discharge.

The reserve pit shall be lined.

8. **ANCILLARY FACILITIES**

- A. No airstrips or camps are planned for this well.

9. **WELLSITE 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 West side of the location, a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.

The stockpiled topsoil will be stored along the East side.

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 distance 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 the 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 BIA or SMA specifications. A cattleguard with an adjacent 16 foot gate shall be installed in any fence where a road is to be regularly traveled. If the well is a producer, the cattleguards (shall/shall not) be permanently mounted on concrete bases. Prior to a new road, crossing any fence located on Tribal land, or any fence between Tribal land and private land, the operator will contact the BIA, 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 RESTORATION OF SURFACE

A. PRODUCING LOCATION

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

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

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

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 12 months from the date of well completion. Before any dirt work takes place, the reserve pit will be completely dry and all cans, barrels, pipe, fluid, and hydrocarbons, will be removed.

Contact appropriate surface management agency for required seed mixture.

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 BIA will attach the appropriate surface rehabilitation conditions of approval.

11. SURFACE OWNERSHIP

Access road: Tribal

Location: Tribal

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 AO. Within five working days the AO 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 AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO 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 AO 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 AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO 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 BIA, or the appropriate County Extension Office. On BIA 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 Tribal Lands after the conclusion of drilling operations or at any other time without BIA authorization. However, if BIA authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BIA does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)

Additional Surface Stipulations

None

LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION

EOG Resources, Inc.	EOG Resources, Inc.	Ed Trotter
P.O. Box 250	P.O. Box 1815	P.O. Box 1910
Big Piney, WY 83113	Vernal, UT 84078	Vernal, UT 84078
Jim Schaefer	George McBride	Telephone: (435)789-4120
Telephone (307)276-3331	Telephone (435)789-0790	Fax: (435)789-1420

All lease 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 approval plan of operations, and any applicable Notice to Lessees. EOG Resources, Inc. is fully responsible for the actions of their subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

A copy of the approved APD and ROW grant, if applicable, shall be on location during construction of the location and drilling activities.

The BIA office shall be notified upon site completion prior to moving on the drilling rig.

Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions that presently exist; that the statements made in the 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.

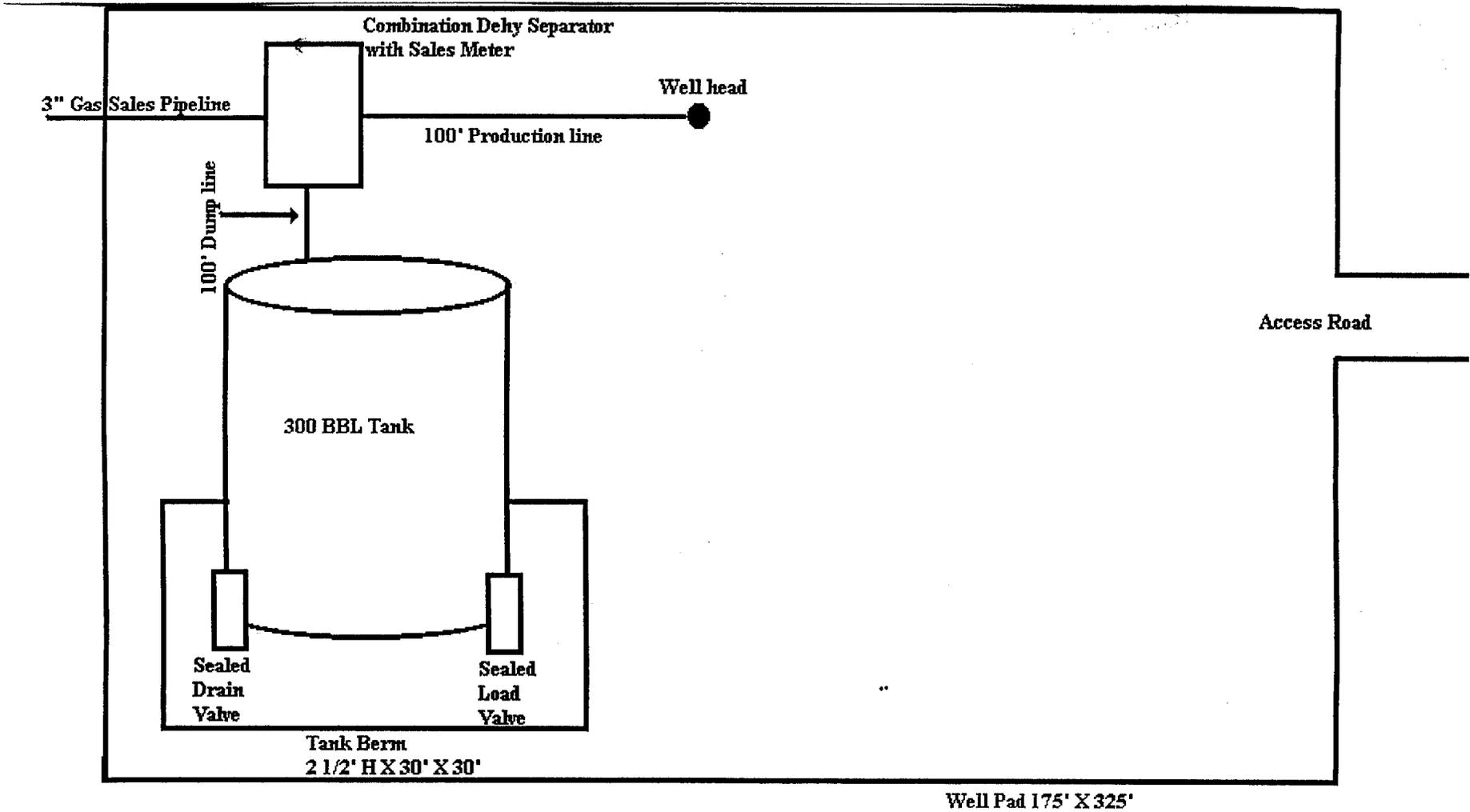
5-3-2001
Date


Agent

SITE FACILITY DIAGRAM
NORTH DUCK CREEK 178-31
SW/NE, SEC. 31, T8S, R21E
UINTAH COUNTY, UTAH
LEASE NO. U-24230
UTE INDIAN TRIBE LANDS



(Site Security Plan is on file at EOG Resources, Inc.'s Vernal Office)



EOG RESOURCES, INC.
N. DUCK CREEK #178-31
 LOCATED IN UINTAH COUNTY, UTAH
 SECTION 31, T8S, R21E, S.L.B.&M.

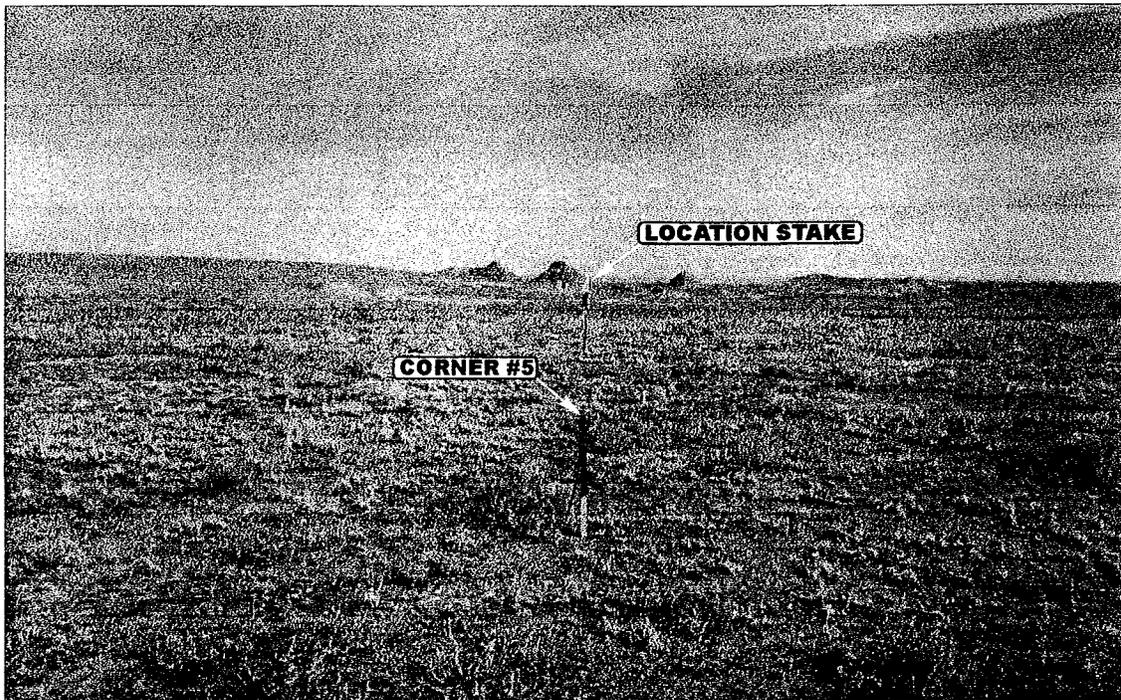


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: EASTERLY

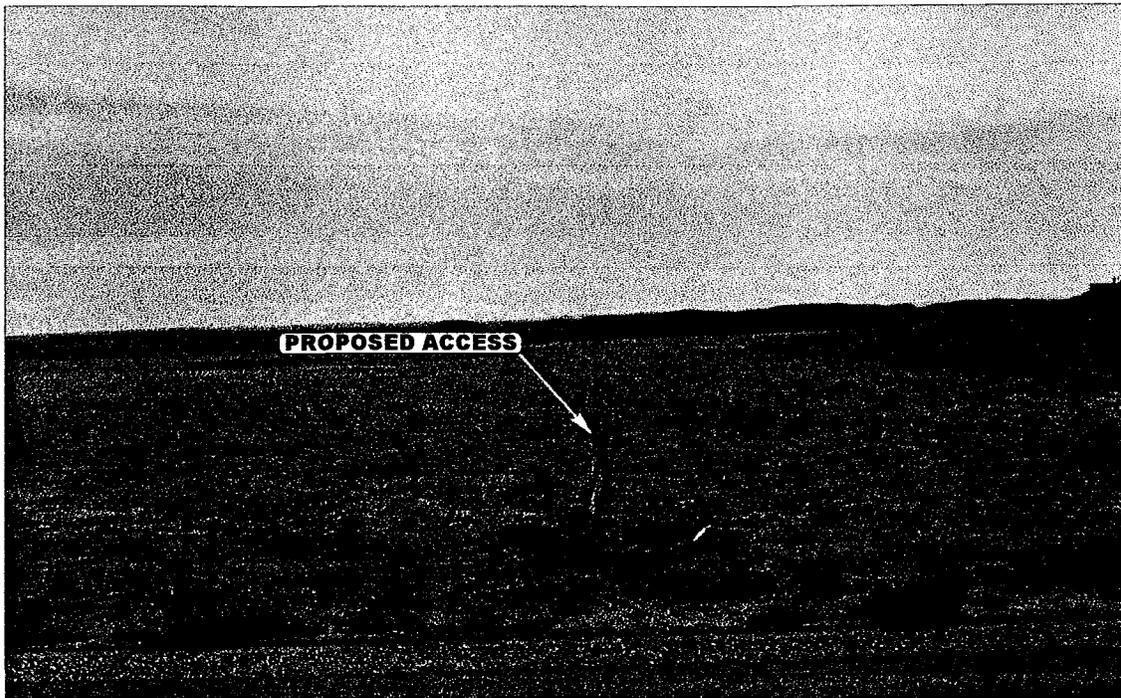


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHERLY



- Since 1964 -

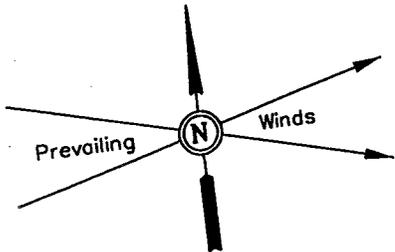
UELS Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 435-789-1017 uels@uelsinc.com

LOCATION PHOTOS	3	15	01	PHOTO
	MONTH	DAY	YEAR	
TAKEN BY: B.B.	DRAWN BY: P.M.	REVISED: 00-00-00		

EOG RESOURCES, INC.

LOCATION LAYOUT FOR

N. DUCK CREEK #178-31
SECTION 31, T8S, R21E, S.L.B.&M.
1892' FNL 2157' FEL

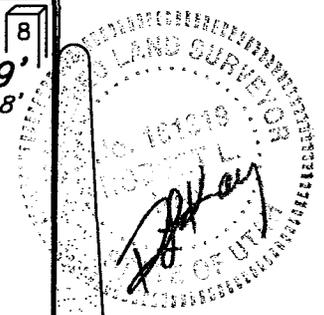
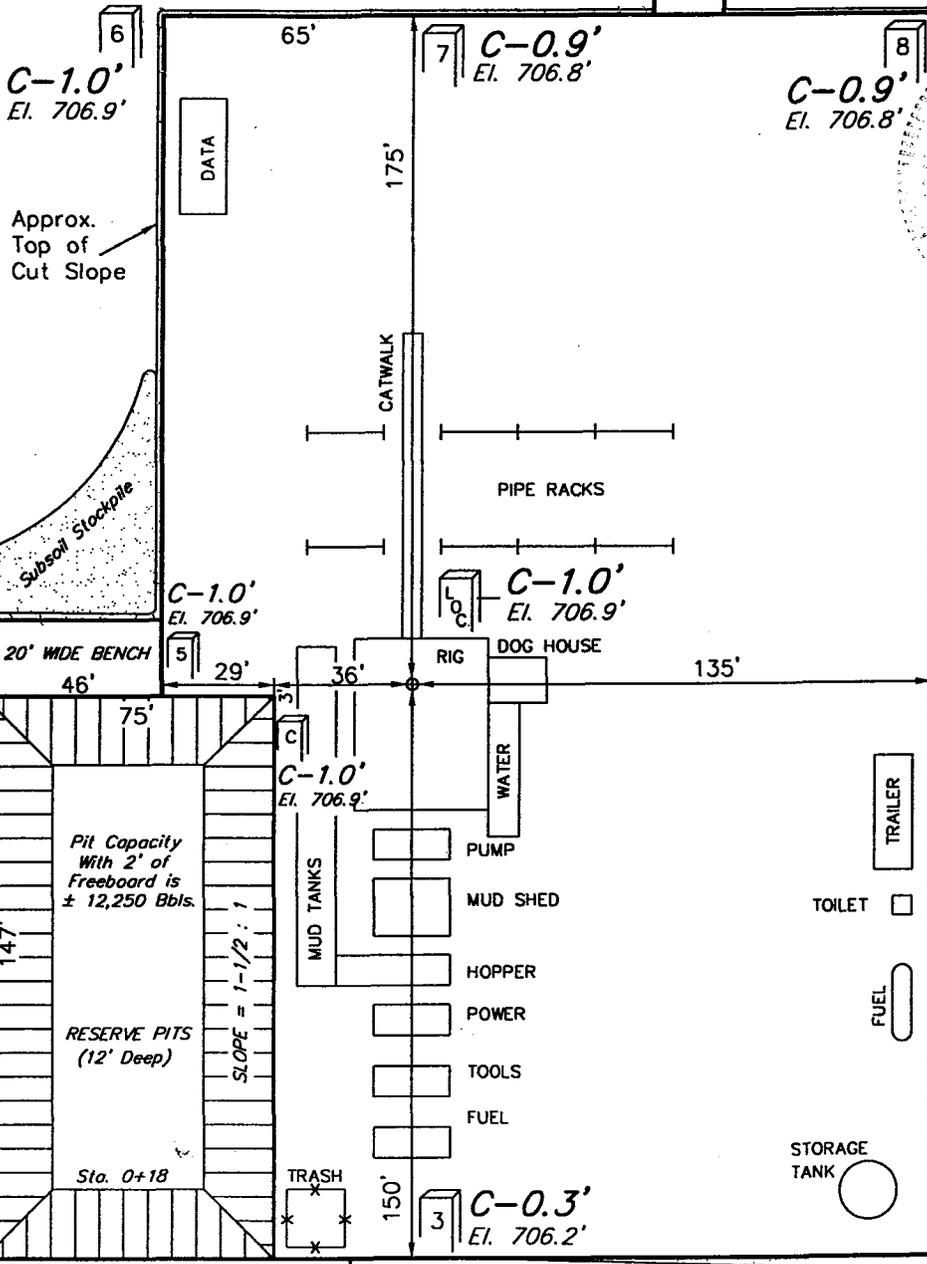


SCALE: 1" = 50'
DATE: 3-14-01
Drawn By: D.COX

Existing Pipeline

Proposed Access Road

Sta. 3+25



Sta. 1+50

F-0.2' El. 705.7'

Sta. 0+00

F-2.2' El. 703.7'

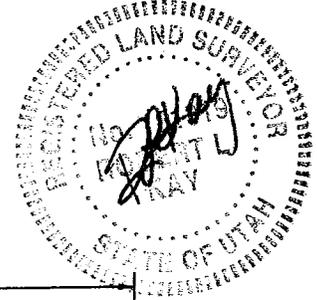
Elev. Ungraded Ground at Location Stake = 4706.9'
Elev. Graded Ground at Location Stake = 4705.9'

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

EOG RESOURCES, INC.

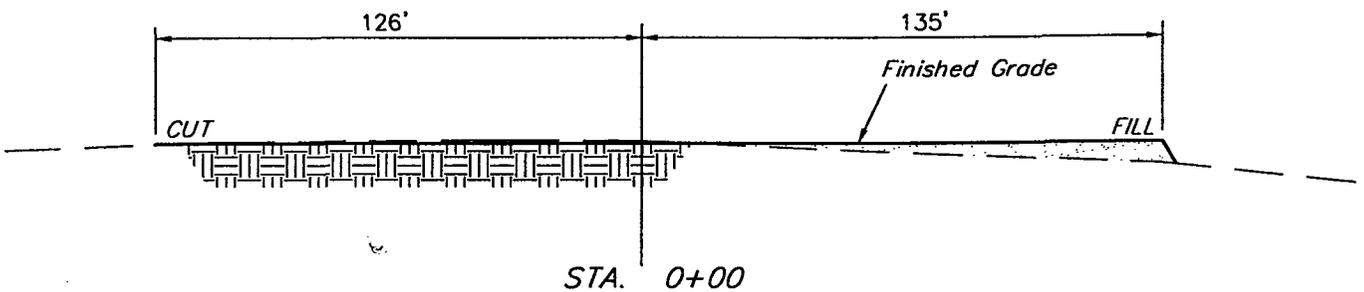
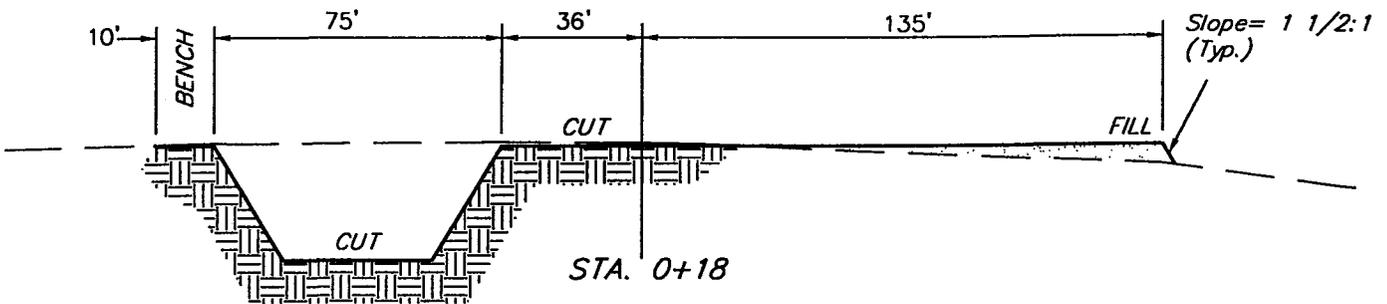
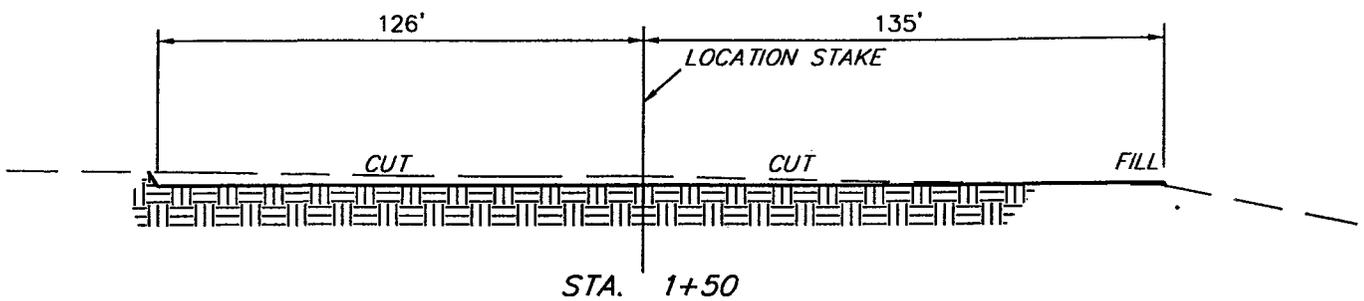
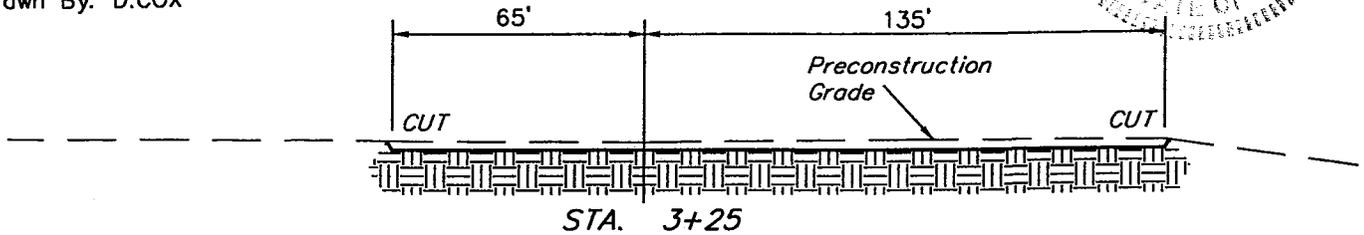
TYPICAL CROSS SECTIONS FOR

**N. DUCK CREEK #178-31
SECTION 31, T8S, R21E, S.L.B.&M.
1892' FNL 2157' FEL**



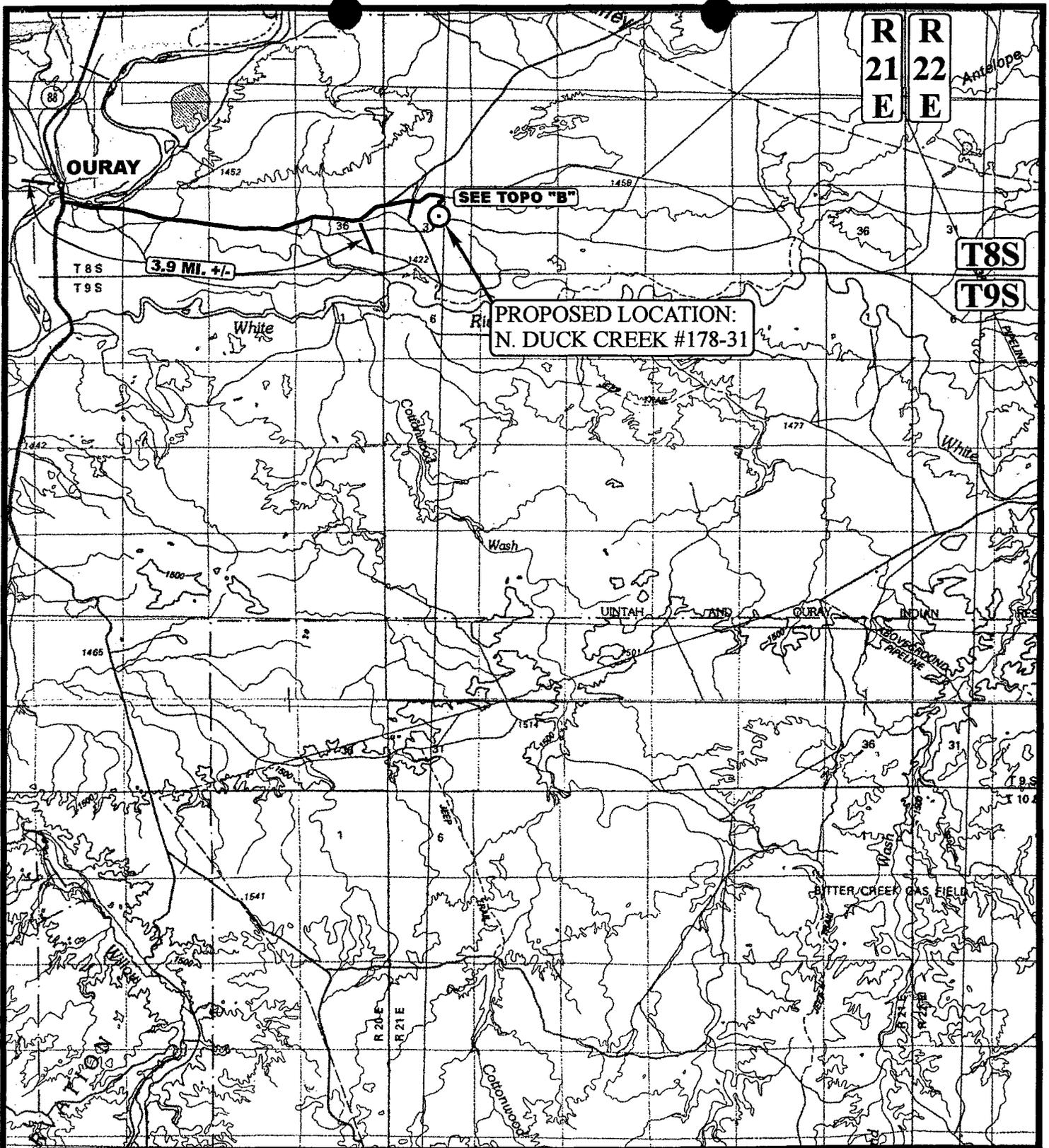
1" = 20'
X-Section
Scale
1" = 50'

DATE: 3-14-01
Drawn By: D.COX



APPROXIMATE YARDAGES

(12") Topsoil Stripping	= 2,860 Cu. Yds.	EXCESS MATERIAL AFTER 5% COMPACTION	= 4,520 Cu. Yds.
Remaining Location	= 3,180 Cu. Yds.	Topsoil & Pit Backfill (1/2 Pit Vol.)	= 4,520 Cu. Yds.
TOTAL CUT	= 6,040 CU.YDS.	EXCESS UNBALANCE (After Rehabilitation)	= 0 Cu. Yds.
FILL	= 1,440 CU.YDS.		



LEGEND:

○ PROPOSED LOCATION



EOG RESOURCES, INC.

N. DUCK CREEK #178-31
SECTION 31, T8S, R21E, S.L.B.&M.
1892' FNL 2157' FEL



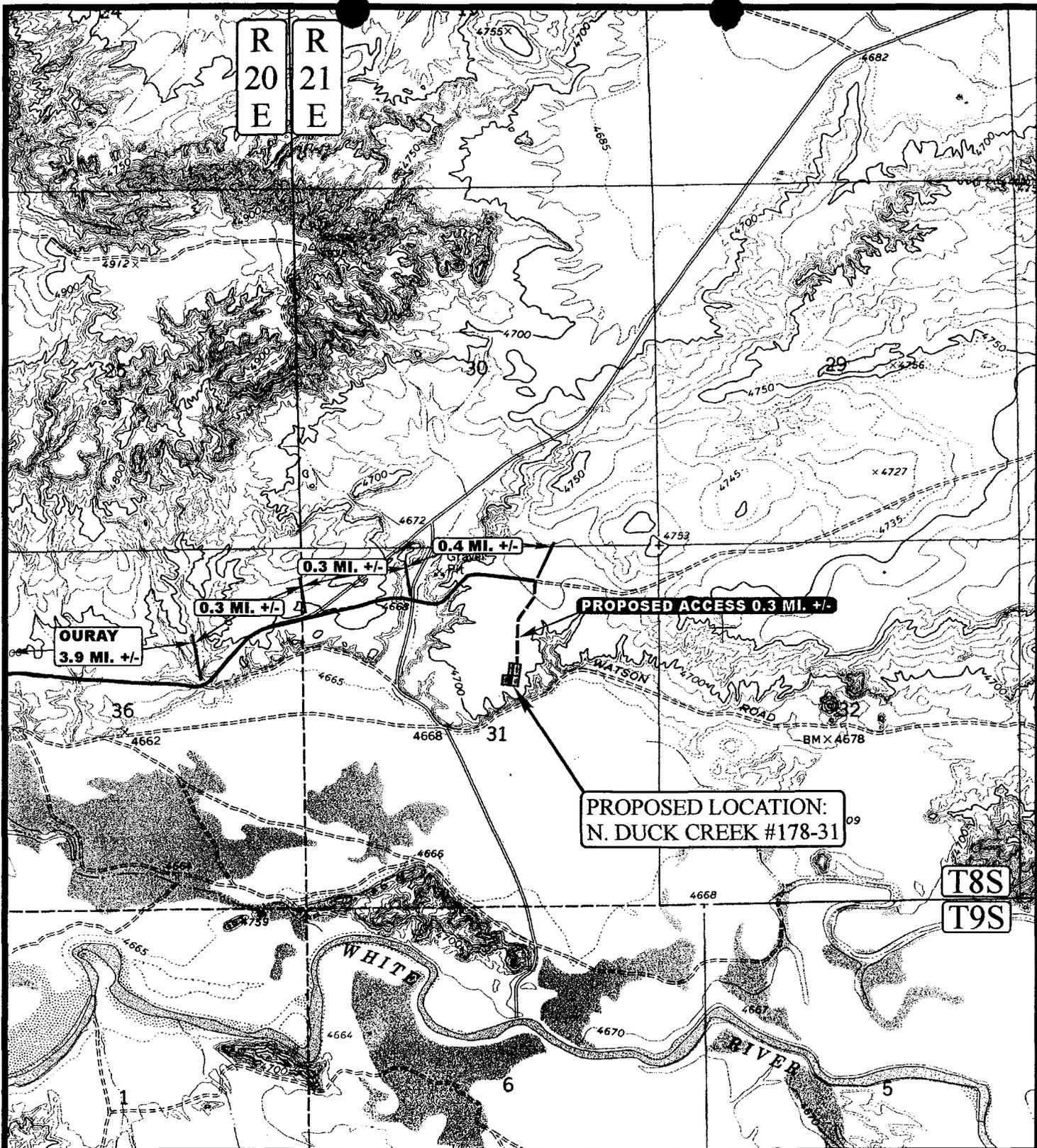
Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

3 15 01
 MONTH DAY YEAR

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





LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING ROAD



EOG RESOURCES, INC.

N. DUCK CREEK #178-31
 SECTION 31, T8S, R21E, S.L.B.&M.
 1892' FNL 2157' FEL



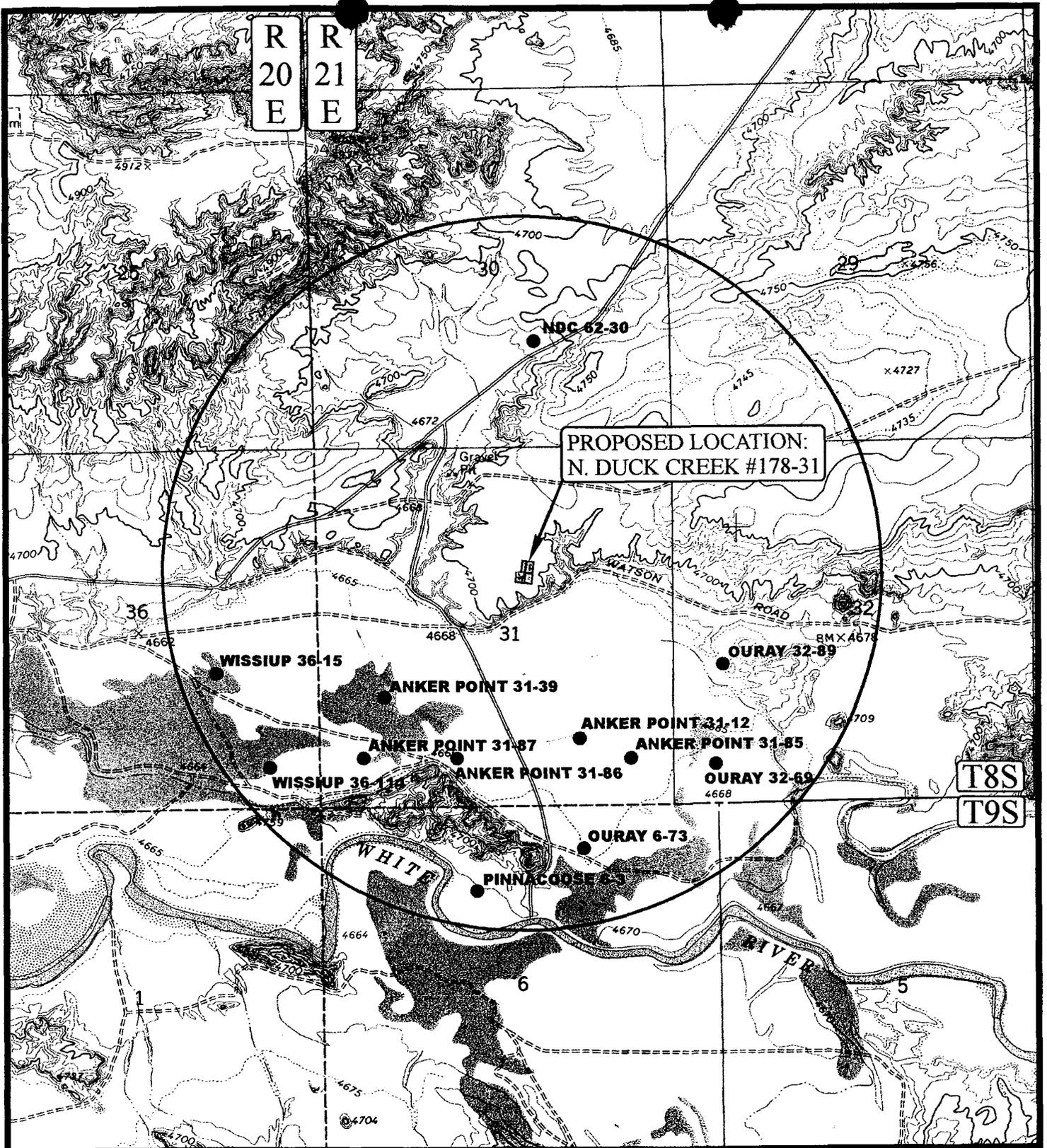
Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
 MAP

3	15	01
MONTH	DAY	YEAR



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



LEGEND:

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



EOG RESOURCES, INC.

N. DUCK CREEK #178-31
 SECTION 31, T8S, R21E, S.L.B.&M.
 1892' FNL 2157' FEL



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

TOPOGRAPHIC
MAP

3	15	01
MONTH	DAY	YEAR

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



WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 05/09/2001

API NO. ASSIGNED: 43-047-34070

WELL NAME: NDC 178-31

OPERATOR: EOG RESOURCES INC (N9550)

CONTACT: ED TROTTER, AGENT

PHONE NUMBER: 435-789-4120

PROPOSED LOCATION:

SWNE 31 080S 210E
SURFACE: 1892 FNL 2157 FEL
BOTTOM: 1892 FNL 2157 FEL
UINTAH
NATURAL BUTTES (630)

LEASE TYPE: 1 - Federal
LEASE NUMBER: U-24230
SURFACE OWNER: 2 - Indian

PROPOSED FORMATION: WSTC

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. NM-2308)
- Potash (Y/N)
- Oil Shale (Y/N) *190-5 (B) or 190-3
- Water Permit
(No. MUNICIPAL)
- RDCC Review (Y/N)
(Date:)
- Fee Surf Agreement (Y/N)

LOCATION AND SITING:

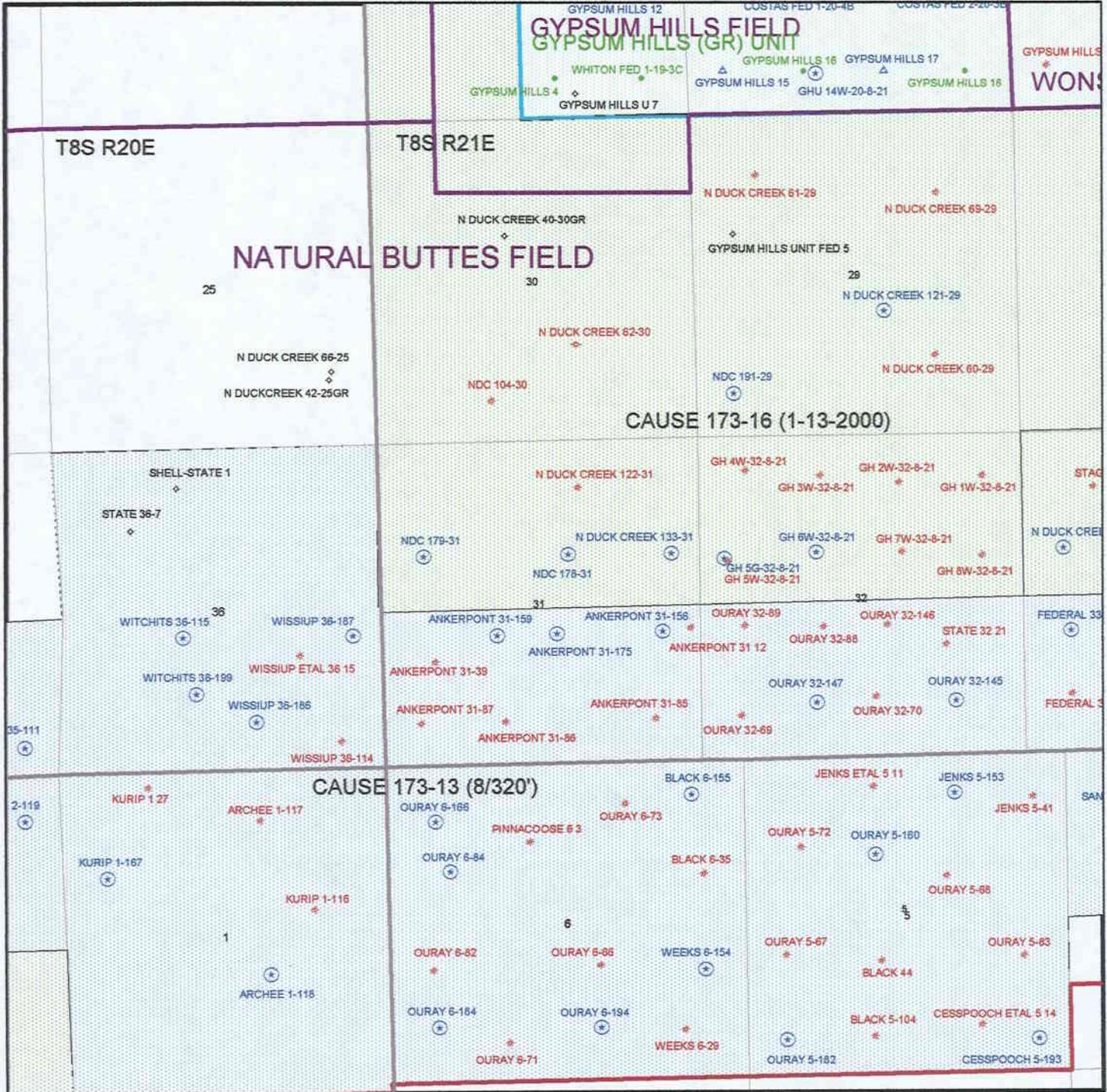
- R649-2-3. Unit
- R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
Board Cause No: 173-16
Eff Date: 1-13-2000
Siting: + Gen. St.
- R649-3-11. Directional Drill

COMMENTS:

STIPULATIONS: ① FEDERAL APPROVAL



OPERATOR: EOG RESOURCES INC (N9550)
 SEC. 31, T8S, R21E
 FIELD: NATURAL BUTTES (630)
 COUNTY: UINTAH CAUSE: 173-16





State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Kathleen Clarke
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

May 16, 2001

EOG Resources, Inc.
PO Box 1815
Vernal, UT 84078

Re: North Duck Creek 178-31 Well, 1892' FNL, 2157' FEL, SW NE, Sec. 31, T. 8 South,
R. 21 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 43-047-34070.

Sincerely,

A handwritten signature in cursive script, appearing to read 'John R. Baza'.

for

John R. Baza
Associate Director

er

Enclosures

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

Operator: EOG Resources, Inc.
Well Name & Number North Duck Creek 178-31
API Number: 43-047-34070
Lease: U 24230

Location: SW NE **Sec.** 31 **T.** 8 South **R.** 21 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 Dan Jarvis at (801) 538-5338

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.

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

005

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. Lease designation and serial number U-24230
b. TYPE OF WELL Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other Well <input type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone <input type="checkbox"/>		6. If Indian, Allottee or Tribe name UTE INDIAN TRIBE
2. Name of Operator EOG RESOURCES, INC.		7. Unit Agreement Name
3. Address and Telephone Number P.O. BOX 1815, VERNAL, UT 84078 (435)789-0790		8. Farm or lease name, well no. NORTH DUCK CREEK
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface 1892' FNL & 2157' FEL SW/NE		9. API Well No. NDC 178-31
At proposed prod. Zone		10. Field and pool, or wildcat WASATCH
14. Distance in miles and direction from nearest town or post office 5.2 MILES SOUTHEAST OF OURAY, UTAH		11. Sec., T., R., M., or BLK. and survey or area SEC. 31, T8S, R21E
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. Unit line, if any) 1892'	16. No. of acres in lease 1557.87	12. County or parish UINTAH
17. No. of acres assigned to this well	18. Distance from proposed location to nearest well, drilling, completed, or applied for, on this lease, ft.	13. State UTAH
19. Proposed depth 7430'	20. Rotary or cable tools ROTARY	
21. Elevations (show whether DF, RT, GR, etc.) 4705.9 FEET GRADED GROUND		22. Approx. date work will start UPON APPROVAL

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8 5/8"	24#	200' - 220'	100-150 SX CLASS "G" + 2%
or 12 1/4"	9 5/8"	32.30#	200 - 220'	CaCl2 + 1/4 #/SX CELLOFLAKE.
7 7/8"	4 1/2"	10.50#	7430'	50/50 POXMIX + 2% GEL + 10%

SEE ATTACHMENTS FOR:

- 8 POINT PLAN
- BOP SCHEMATIC
- SURFACE USE AND OPERATING PLAN
- LOCATION PLAT
- LOCATION LAYOUT
- TOPOGRAPHIC MAPS "A", "B", AND "C"
- GAS SALES PIPELINE—MAP "D"
- FACILITY DIAGRAM



EOG RESOURCES, INC. WILL BE THE DESIGNATED OPERATOR OF THE SUBJECT WELL UNDER BOND #NM 2308

Pc: UTAH DIVISION OF OIL, GAS, AND MINING
BUREAU OF INDIAN AFFAIRS

RECEIVED
MAY - 7 2001

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED [Signature] TITLE Agent DATE 5-3-2001

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE **NOTICE OF APPROVAL**
Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY: _____
APPROVED BY [Signature] TITLE Assistant Field Manager
Mineral Resources DATE 06/28/2001

CONDITIONS OF APPROVAL ATTACHED

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: EOG Resources Inc.

Well Name & Number: NORTH DUCK CREEK 178-31

API Number: 43-047-34070

Lease Number: U - 24230

Location: SWNE Sec. 31 T.08S R. 21E

Agreement: N/A

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application 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.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to this office **prior to setting the next casing string or requesting plugging orders**. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a **3M** system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint. Surface casing setting depths are based on ground level elevations only.

As a minimum, the usable water shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the usable water zone, identified at \pm 680 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to top of the cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form

3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig. The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5(d) shall be submitted to the appropriate Field Office within 60 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (1).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling onlease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and

gas meters will be calibrated in place prior to any deliveries and tested for meter accuracy at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Ed Forsman (435) 789-7077 (HOME) (435) 646-1685 (PAGER)
Petroleum Engineer

Kirk Fleetwood (435) 789-6858 (HOME) (435) 646-1678 (PAGER)
Petroleum Engineer

Jerry Kenczka (435) 781-1190 (HOME) (435) 646-1676 (PAGER)
Petroleum Engineer

BLM FAX Machine (435) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

**SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

EOG Resources, INC. (EOG) will assure the Ute Tribe that any/all contractors and subcontractors have acquired a current Tribal Business License and have updated "Access Permits" prior to construction. All EOG personnel, contractors and subcontractors will have these permits in their vehicles at all times. Companies that have not complied with this COA will be in violation of the Ute Tribal Business License Ordinance, and will be subject to fines and penalties.

EOG employees, representatives, and/or authorized personnel (subcontractors) shall not carry firearms on their person or in their vehicles while working on the Uintah and Ouray Indian Reservation.

EOG employees and/or authorized personnel (subcontractors) in the field will have approved applicable APDs and/or ROW permits/authorizations on their person(s) during all phases of construction.

EOG will notify the Ute Tribe and Bureau of Indian Affairs (BIA) in writing of any requested modification of APDs or Rights-Of Way (ROW). EOG shall receive written notification of authorization or denial of the requested modification. Without authorization, EOG will be subject to fines and penalties.

The Ute Tribe Energy & Minerals Department shall be notified in writing 48 hours in advance of any construction activity. The Ute Tribal office is open Monday through Thursday. A Tribal Technician is to routinely monitor construction. EOG shall make arrangements with the Ute Energy & Minerals Department for all monitoring that will exceed regular working hours for Tribal Technicians. A qualified Archaeologist accompanied by a Tribal Technician will monitor any trenching required for the construction of the pipeline. EOG is to inform contractors to maintain construction of the pipelines within approved 30 foot right of ways.

At the onsite it was agreed that the access road would start at the southeast corner of existing well, EOG Resources North Duck Creek 122-31 well near the tank battery rather than being built adjacent to the east side of the pad. The existing pad and entrance to pad at the EOG Resources North Duck Creek 122-31 well would be used as an existing access route to reach the start of the new access road.

A ROW, 30 feet wide, shall be granted for the pipeline and a ROW, 30 feet wide, shall be granted for the access road. The constructed travel width of the access road will be limited to 18 feet. Upon authorization by the Ute Tribe Energy & Minerals Department, the ROW may be wider where sharp curves; deep cuts and fills occur; or, where intersections with other roads are required.

Upon completion of the pertinent APD and ROWs, EOG will notify the Ute Tribe Energy & Minerals Department for a Tribal Technician to verify the Affidavit of Completion.

Production waters, oil, and other byproducts shall not be placed on access roads or the well pad.

All vehicular traffic, personnel movement, construction and restoration operations will be confined to the areas examined and approved and to the existing roadways and/or evaluated access routes.

EOG will implement "Safety and Emergency Plan" and ensure plan compliance.

EOG shall stop construction activities and notify personnel from the Ute Tribe Energy & Minerals Department and BIA if cultural remains including paleontologic resources (vertebrate fossils) are exposed or identified during construction. The Ute Tribe Department of Cultural Rights and Protection and the BIA will provide mitigation measures prior to allowing construction.

EOG employees and/or authorized personnel (subcontractors) will not be allowed to collect artifacts and paleontologic fossils. No significant cultural resources shall be disturbed.

EOG will control noxious weeds on the well site and ROWs. EOG will be responsible for noxious weed control if weeds spread from the project area onto adjoining land.

Reserve pits will be lined with an impervious synthetic liner. About 17 rods of fence will be constructed around the reserve pit until it is backfilled. Prior to backfilling the reserve pit, all fluids will be pumped from the pit into trucks and hauled to approved disposal sites. When the reserve pits are backfilled, the surplus oil and mud, etc., will be buried a minimum of 3 feet below the surface of the soil.

A closed system will be used during production. This means that production fluids will be contained in leak-proof tanks. All production fluids will be disposed of at approved disposal sites.

Surface pipelines will be constructed to lay on the soil surface. The ROW will not be bladed or cleared of vegetation without authorization of the BIA. The pipeline shall be welded in place at well sites or on access roads then pulled into place with suitable equipment. Vehicles shall not use pipeline ROWs as access roads unless specifically authorized.

Before the site is abandoned, EOG will be required to restore the well site and ROWs to near their original state. The disturbed areas will be reseeded with desirable perennial vegetation.

Soil erosion will be mitigated by reseeded all disturbed areas.

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUNDRY NOTICE AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT --" for such proposals

006

SUBMIT IN TRIPLICATE

FORM APPROVED
Budget Bureau No. 1004-0135
Expires September 30, 1990

<p>1. Type of Well</p> <p>Oil <input type="checkbox"/> WELL Gas <input checked="" type="checkbox"/> Well Other <input type="checkbox"/></p>	<p>5. Lease Designation and Serial No. U-24230</p> <p>6. If Indian, Allottee or Tribe Name UTE INDIAN TRIBE</p> <p>7. If Unit or C.A., Agreement Designation</p>
<p>2. Name of Operator EOG Resources, Inc.</p>	<p>8. Well Name and No. NORTH DUCK CREEK 178-31</p>
<p>3. Address and Telephone No. P.O. BOX 1815, VERNAL, UT 84078 (435) 789-0790</p>	<p>9. API Well No. 43-047-34070</p>
<p>4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1892' FNL 2157' FEL (SW/NE) SECTION 31, T8S, R21E</p>	<p>10. Field and Pool or Exploratory Area WASATCH</p> <p>11. County State UINTAH, UTAH</p>

CONFIDENTIAL

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> NOTICE OF INTENT	<input type="checkbox"/> ABANDONMENT
<input type="checkbox"/> SUBSEQUENT REPORT	<input type="checkbox"/> RECOMPLETION
<input type="checkbox"/> FINAL ABANDONMENT NOTICE	<input type="checkbox"/> PLUGGING BACK
	<input type="checkbox"/> CASING REPAIR
	<input type="checkbox"/> ALTERING CASING
	<input checked="" type="checkbox"/> OTHER: Requesting extension of permit to drill
	<small>(Note: Report results of multiple completion on Well Completions or Recompletion Report and Log Form.)</small>

13. Describe Proposed or Completed Operations (Clearly state all pertinent details and give pertinent dates, including estimated date of starting any proposed work if well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

EOG Resources, Inc. is requesting that the APD for the subject well be extended for one year.

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

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

COPY SENT TO OPERATOR
Date: 05-13-02
Initials: CKD

14. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE Agent

DATE 5/6/2002

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____

DATE

RECEIVED

CONDITIONS OF APPROVAL, IF ANY:

MAY 8 2002

Title 18 U.S.C. Section 1001, makes 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.

DIVISION OF
OIL, GAS AND MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICE AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT --" for such proposals

007

SUBMIT IN TRIPLICATE

FORM APPROVED
Budget Bureau No. 1004-0135
Expires September 30, 1990

1. Type of Well Oil <input type="checkbox"/> WELL <input checked="" type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/>		5. Lease Designation and Serial No. U-24230
2. Name of Operator EOG Resources, Inc.		6. If Indian, Allottee or Tribe Name UTE INDIAN TRIBE
3. Address and Telephone No. P.O. BOX 1815, VERNAL, UT 84078 (435) 789-0790		7. If Unit or C.A., Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1892' FNL 2157' FEL (SW/NE) SECTION 31, T8S, R21E		8. Well Name and No. NORTH DUCK CREEK 178-31
		9. API Well No. 43-047-34070
		10. Field and Pool or Exploratory Area WASATCH
		11. County State UINTAH, UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> NOTICE OF INTENT	<input type="checkbox"/> ABANDONMENT
<input type="checkbox"/> SUBSEQUENT REPORT	<input type="checkbox"/> RECOMPLETION
<input type="checkbox"/> FINAL ABANDONMENT NOTICE	<input type="checkbox"/> PLUGGING BACK
	<input type="checkbox"/> CASING REPAIR
	<input type="checkbox"/> ALTERING CASING
	<input checked="" type="checkbox"/> OTHER: Requesting extension of permit to drill
	<input type="checkbox"/> CHANGE OF PLANS
	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> NON-ROUTINE FRACTURING
	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> CONVERSION TO INJECTION

(Note: Report results of multiple completion on Well Completions or Recompletion Report and Log Form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details and give pertinent dates, including estimated date of starting any proposed work if well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

EOG Resources, Inc. is requesting that the APD for the subject well be extended for one year.

RECEIVED
MAY 06 2002

CONDITIONS OF APPROVAL ATTACHED

14. I hereby certify that the foregoing is true and correct

SIGNED

Ed Grotten

TITLE Agent

DATE 5/6/2002

(This space for Federal or State office use)

APPROVED BY

Kirk Johnson

Petroleum Engineer

DATE

6/5/02

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

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JUN 12 2002

DIVISION OF
OIL, GAS AND MINING

DOGm

EOG Resources, Inc.
APD Extension

Well: NDC 178-31

Location: SWNE Sec. 31, T8S, R21E

Lease: UTU 24230

Conditions of Approval

An extension for the referenced APD is granted with the following condition(s):

1. The extension will expire 6/28/03
2. No other extensions beyond that period will be granted or allowed.

If you have any other questions concerning this matter, please contact Kirk Fleetwood at (435) 781-4486.

RECEIVED

JUN 12 2002

DIVISION OF
OIL, GAS AND MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

008 **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.
U-24230

6. If Indian, Allottee or Tribe Name
UTE INDIAN TRIBE

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
EOG RESOURCES, INC.

3. Address and Telephone No. **(455)789-4120**
P.O. BOX 1910, VERNAL, UT 84078

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1892' FNL, 2157' FEL, SW/NE
SECTION 31, T8S, R21E

8. Well Name and No.
NORTH DUCK CREEK 178-31

9. API Well No.
43-047-34070

10. Field and Pool, or Exploratory Area

11. County or Parish, State
UINTAH COUNTY, UTAH

CONFIDENTIAL

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

TYPE OF SUBMISSION		TYPE OF ACTION			
<input checked="" type="checkbox"/> NOTICE OF INTENT	<input type="checkbox"/> Acidize	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Recomplete		
<input type="checkbox"/> SUBSEQUENT REPORT	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> New Construction	<input type="checkbox"/> Temporarily Abandon		
<input type="checkbox"/> FINAL ABANDONMENT NOTICE	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Water Disposal		
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Shut-Off		
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Well Integrity		
	<input checked="" type="checkbox"/> Deepen	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Other		

13. Describe Proposed or Completed Operations (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 recomplate 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 shall 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 shall be filed once testing is completed. Final Abandonment Notices shall 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. requests authority to drill the subject well to an estimated TD of 12,950 feet. See attachments for revised drilling and casing programs and BOP diagram.

RECEIVED
JAN 02 2003

COPY SENT TO OPERATOR
Date: **01-09-03**
Initials: **CBH**

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed) **Ed Trotter**

Signature *Ed Trotter*

Title **Agent**

Date **12-23-2002**

Federal Approval of this Action is Necessary

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by *Bradley G. Hill*

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.

BRADLEY G. HILL
ENVIRONMENTAL SCIENTIST III

DATE **01-06-03**

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, makes 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.

EIGHT POINT PLAN

CONFIDENTIAL

NORTH DUCK CREEK 178-31
SW/NE, SEC. 31, T8S, R21E, S.L.B.&M.
UINTAH COUNTY, UTAH

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

FORMATION	DEPTH (KB)
Green River Oil Shale	2375'
Kicker Sand	3450'
'M' Marker	5265'
Wasatch	5794'
Chapita Wells	6440'
Buck Canyon	7205'
Island	8993'
KMV Cret. Price River	9453'
KMV Lower Price River	10,888'
Sego	11,268'
KMV Castlegate	11,356'
Black Hawk Shale	11,600'
KMV Black Hawk	11,816'
Mancos	12,371'
Mancos 'B'	12,645'

EST. TD: 12,950

Anticipated BHP 5600 PSI

3. PRESSURE CONTROL EQUIPMENT: BOP Schematic Diagram attached.

4. CASING PROGRAM:

<u>HOLE SIZE</u>	<u>INTERVAL</u>	<u>LENGTH</u>	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>THREAD</u>	<u>MINIMUM SAFETY FACTO</u>		
							<u>COLLAPSE</u>	<u>BURST</u>	<u>TENSILE</u>
17 1/2"	0' - 500' +/- GL	500' +/-	13 3/8"	48.0 #	H-40	ST&C	770 PSI	1730 PSI	322,000#
12 1/4"	500' - 3300' +/- KB	3300' +/-	9 5/8"	36.0 #	J-55	ST&C	2020 PSI	3520 PSI	394,000#
7 7/8"	3300' - TD +/- KB	12,950' +/-	4 1/2"	11.6 #	HC P-110	LT&C	8650 PSI	10,690 PSI	279,000#

All casing will be new or inspected.

5. Float Equipment:

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

Guide Shoe (Float shoe if required for weight capacity to run casing on spud rig)

Wooden wiper plug

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

Have bottom of first collar tack-welded, guide shoe and top of first collar thread-locked.

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JAN 02 2003

EIGHT POINT PLAN

CONFIDENTIAL

NORTH DUCK CREEK 178-31
SW/NE, SEC. 31, T8S, R21E, S.L.B.&M.
UINTAH COUNTY, UTAH

Intermediate Hole Procedure (500-3300')

Float Shoe (PDC drillable)

Float Collar (PDC drillable)

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

Have bottom of collar on jt. #1 tack-welded, thread-lock guide shoe and top of jt. #1.

Production Hole Procedure (3300'-TD):

FS, 1 joint of casing, FC, and balance of casing to surface. Run marker collars at $\pm 12000'$ and $\pm 8800'$ (alter depth if needed to avoid placing across any potentially- productive intervals). Centralize 5' above shoe on joint #1, top of joint #2, then every 2nd joint to 400' above Island top (50 total). Thread lock FS, top and bottom of FC, and top of 2nd joint.

NOTE: Differential pressure rating on internal valves in float equipment is 3000 psi.

6. MUD PROGRAM

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

Air – Air Water Mist

Intermediate Hole Procedure (500-3300')

Water (circulate through reserve pit) with Gel/LCM sweeps. 9.1-9.4 ppg mud with sufficient LCM content may be required to control Trona water flows from the Green River Formation.

Production Hole Procedure (3300'-TD):

3300'-5500' Water (circulate through reserve pit) with Gel/LCM sweeps. Should Kicker Sand present well control problems that cannot be handled by drilling through the gas buster and/or choke, close in pits and weight up as required with mud system set forth below from 5500-8600'.

5500'-8600' Close in mud system (if not already done so for the Kicker Sand) . Mud up with 6 ppb Diammonium Phosphate (DAP). Drill with DAP water and BARACAT for flocculation. Sweep hole periodically w/ Zeo-gel (or barolift) / LCM sweeps to clean the hole and seal loss zones. Add additional LCM as hole dictates. Mud weight and vis as needed, water loss – no control.

8600'-TD Discontinue BARACAT. Mud up with zeogel and PAC-R. Maintain 6 ppb DAP. Do not mix caustic or lime. Maintain 7.5-8.5 pH. Weight up system and add vis as hole conditions require. Run LCM sweep periodically to seal off loss zones or more often as hole dictates. Water loss: 12-15 cc's. Expect increasing gas shows requiring heavier mud weights from top of Island onward. Treat CO2 contamination with Desco and Baracor 95.

EIGHT POINT PLAN

CONFIDENTIAL

NORTH DUCK CREEK 178-31
SW/NE, SEC. 31, T8S, R21E, S.L.B.&M.
UINTAH COUNTY, UTAH

7. VARIANCE REQUESTS:

- A. EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line (Where possible, a straight run blooie line will be used).
- B. EOG Resources, Inc. requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line. (Not required on aerated water system).
- C. 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 75' in length.

8. EVALUATION PROGRAM:

Logs: Schlumberger Platform Express TD – Surface Casing, with Di-pole Sonic from TD to surface in 1 run. FMI and rotary sidewall cores as needed and based upon results from first log run.

9. CEMENT PROGRAM:

Surface Hole Procedure (0-500' Below GL)

Lead: 600 sx. (100% excess volume) Class 'G' cement with 2% S1 (CaCl₂) & 0.25 pps D29 (cellophane flakes), mixed at 15.8 ppg, 1.15 cu. ft./sk., 4.95 gps water.

Top Out: Top out with Class 'G' cement with 2% S1 (CaCl₂) in mix water, 15.8 ppg, 1.15 cu. ft./sk., 4.95 gps via 1" tubing set at 25' if needed.

Intermediate Hole Procedure (500-3300')

Lead: 170 sx. (50% excess volume) Class 'G' lead cement (coverage from 1900-500') with 5% D44 (Salt), 12% D20 (Bentonite), 1% D79% (Extender), 0.25% D112 (Fluid Loss Additive), 0.2% D46 (Anti-Foamer) & 0.25 pps D29 (Cellophane flakes) mixed at 11.0 ppg, 3.91 ft³/sk., 24.5 gps water.

Tail: 410 sx. (50% excess volume) Class 'G' cement (coverage from 3300-1900') with 10% D53 (Gypsum), 2% S1 (CaCl₂) & 0.25 pps D29 (Cellophane flakes) mixed at 14.2 ppg, 1.61 ft³/sk., 7.9 gps water. Bump plug with fresh water. Do not pump over ½ of shoe volume past calculated displacement. Note and record final lift pressure and plug bump pressure.

EIGHT POINT PLAN

CONFIDENTIAL

NORTH DUCK CREEK 178-31
SW/NE, SEC. 31, T8S, R21E, S.L.B.&M.
UINTAH COUNTY, UTAH

Production Hole Procedure (3300' to TD)

Lead: 35:65 Poz G w/ 4% D20 (Bentonite), 2% D174 (Extender), 0.2% D65 (Dispersant), 0.2% D46 (Antifoamer), 0.75% D112 (Fluid Loss Additive), 0.2% D13 (Retarder), 0.25 pps D29 (cellophane flakes), mixed at 13.0 ppg, 1.75 cu. ft./sk., 9.19 gps water.

Middle: 50:50 Poz G w/ 2% D20 (Bentonite), 0.1% D46 (Antifoamer), 0.075% D800 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1 ppg, 1.28 cu. ft./sk., 5.9 gps water.

Tail: 50:50 Poz G w/ 2% D20 (Bentonite), 35.0% D-66 (Silica), 0.1% D46 (Antifoamer), 0.075% D800 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1 ppg, 1.53 cu. ft./sk., 7.0 gps water.

10. ABNORMAL CONDITIONS:

INTERMEDIATE HOLE PROCEDURE (500-3300')

Possible lost circulation and minor amounts of gas will be present. Asphaltic, black oil and Trona water flows may be encountered in the Green River, beginning at 2375'. Monitor for and report any hydrocarbon shows and/or water zones. Although the Kicker Sand, containing potential water and gas flows requiring 9.0-9.7 ppg mud weights to control, is not predicted to come in until 3450' (150' below planned intermediate casing shoe), be alert for any volume gains in the intermediate hole in case it is encountered shallower than expected.

PRODUCTION HOLE PROCEDURE 3300'-TD

Moderate amounts of gas, oil and water have been encountered in the Kicker Sand on offset wells in Section 31, requiring fairly normal mud weights to control (9.0-9.7 ppg). Formation pressures in the Mesa Verde productive zones could require up to 13.0 ppg mud weights to control. At the same time, research indicates that mud losses are possible throughout all of the 7-7/8" hole. Have a variety of LCM particle sizes on location in ample supply to cover your needs. In addition, sloughing shales and keyseat development are possible in the Wasatch Formation. CO2 contamination in the mud is possible in the Price River Mesaverde).

11. STANDARD REQUIRED EQUIPMENT:

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

EIGHT POINT PLAN

CONFIDENTIAL

NORTH DUCK CREEK 178-31
SW/NE, SEC. 31, T8S, R21E, S.L.B.&M.
UINTAH COUNTY, UTAH

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)

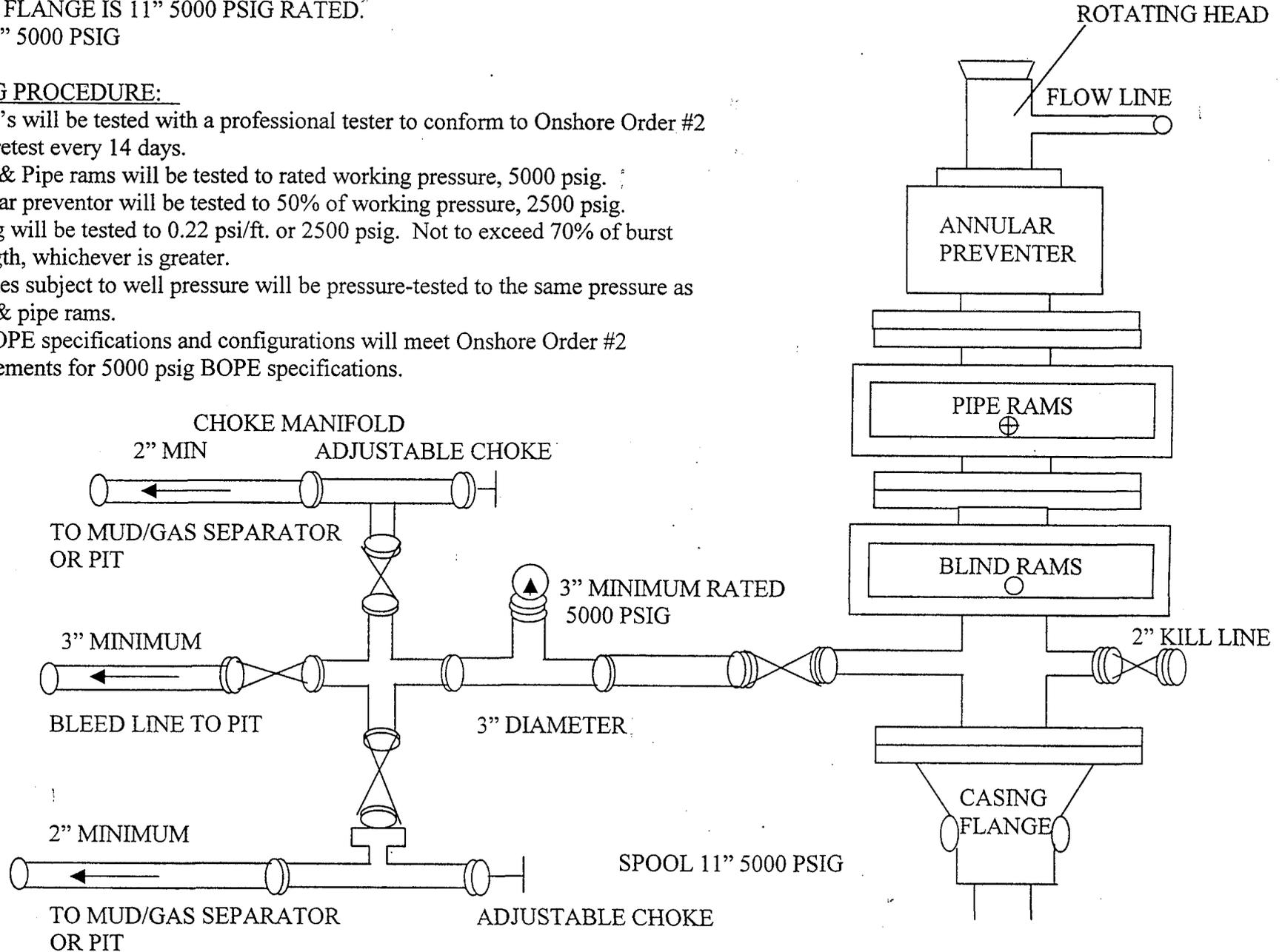
5000 PSIG DIAGRAM

CONFIDENTIAL

ANNULAR PREVENTOR AND BOTH RAMS ARE 5000 PSIG RATED.
CASING FLANGE IS 11" 5000 PSIG RATED.
BOPE 11" 5000 PSIG

TESTING PROCEDURE:

1. BOPE's will be tested with a professional tester to conform to Onshore Order #2 with retest every 14 days.
2. Blind & Pipe rams will be tested to rated working pressure, 5000 psig.
3. Annular preventor will be tested to 50% of working pressure, 2500 psig.
4. Casing will be tested to 0.22 psi/ft. or 2500 psig. Not to exceed 70% of burst strength, whichever is greater.
5. All lines subject to well pressure will be pressure-tested to the same pressure as blind & pipe rams.
6. All BOPE specifications and configurations will meet Onshore Order #2 requirements for 5000 psig BOPE specifications.



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

010

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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

5. Lease Serial No.
U 24230

6. If Indian, Allottee or Tribe Name
UTE INDIAN TRIBE

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

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. NORTH DUCK CREEK 178-31	
2. Name of Operator EOG RESOURCES, INC.		Contact: KATY CARLSON E-Mail: Kathleen_Carlson@EOGResources.com	9. API Well No. 43-047-34070
3a. Address P.O. BOX 250 BIG PINEY, WY 83113	3b. Phone No. (include area code) Ph: 307.276.4842	10. Field and Pool, or Exploratory NORTH DUCK/MANCOS	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 31 T8S R21E SWNE 1892FNL ²¹⁵⁷ 2475FEL		11. County or Parish, and State UINTAH COUNTY, UT	

CONFIDENTIAL

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Well Spud
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> 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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall 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. spud 17-1/2" surface hole at the subject location 2/08/2003. The contractor was Stubbs & Stubbs Air Rig. Ed Forsman of the Vernal BLM office and Carol Daniels of the Utah Division of Oil, Gas & Mining were notified of spud 2/08/2003.

RECEIVED
FEB 12 2003
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #18448 verified by the BLM Well Information System
For EOG RESOURCES, INC., will be sent to the Vernal**

Name (Printed/Typed) KATY CARLSON	Title REGULATORY ANALYST
Signature (Electronic Submission) <i>Katy Carlson</i>	Date 02/10/2003

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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.

**** DRAFT ** DRAFT ** DRAFT ** DRAFT ** DRAFT ** DRAFT ** DRAFT ****

UNITED STATES
DEPARTMENT OF INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

011 **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.

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U-24230

6. If Indian, Allottee or Tribe Name
UTE INDIAN TRIBE

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other **CONFIDENTIAL**

8. Well Name and No.
NORTH DUCK CREEK 178-31

2. Name of Operator
EOG RESOURCES, INC.

9. API Well No.
43-047-34070

3. Address and Telephone No. **(435) 789-4120**
P.O. BOX 1910, VERNAL, UT 84078

10. Field and Pool, or Exploratory Area

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1892' FNL, 2157' FEL, SW/NE
SECTION 31, T8S, R21E

11. County or Parish, State
UINTAH COUNTY, UTAH

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TYPE OF SUBMISSION	TYPE OF ACTION
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<input type="checkbox"/> SUBSEQUENT REPORT	<input type="checkbox"/> Alter Casing
<input type="checkbox"/> FINAL ABANDONMENT NOTICE	<input type="checkbox"/> Casing Repair
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	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Water Disposal
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input type="checkbox"/> Other

13. Describe Proposed or Completed Operations (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 recompletable 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 shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletable in a new interval, a form 3160-4 shall be filed once testing is completed. Final Abandonment Notices shall 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. requests authority to extend intermediate casing depth.
See attachments for revised drilling and casing programs.

RECEIVED
MAR 12 2003

COPY SENT TO OPERATOR
Date: 03-19-03
Initials: CHD

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed) **Ed Trotter**

Signature *Ed Trotter*

Title **Agent**

Date **3-4-2003**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Federal Approval Of This
Action Is Necessary

Accepted by the
Utah Division of
Oil, Gas and Mining

Approved by
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.

TITLE
Office
Date: **3/17/2003**
By: *[Signature]*

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, makes 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.

Collapse inadequate @ EOG's greater than 8600' @ 4000' setting depth for proposed 36" 355 casing

EIGHT POINT PLAN

CONFIDENTIAL

NORTH DUCK CREEK 178-31
SW/NE, SEC. 31, T8S, R21E, S.L.B.&M.
UINTAH COUNTY, UTAH

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

FORMATION	DEPTH (KB)
Green River Oil Shale	2375'
Kicker Sand	3450'
'M' Marker	5265'
Wasatch	5794'
Chapita Wells	6440'
Buck Canyon	7205'
Island	8993'
KMV Cret. Price River	9453'
KMV Lower Price River	10,888'
Sego	11,268'
KMV Castlegate	11,356'
Black Hawk Shale	11,600'
KMV Black Hawk	11,816'
Mancos	12,371'
Mancos 'B'	12,645'

EST. TD: 12,950

Anticipated BHP 5600 PSI

3. PRESSURE CONTROL EQUIPMENT: BOP Schematic Diagram attached.

4. CASING PROGRAM:

<u>HOLE SIZE</u>	<u>INTERVAL</u>	<u>LENGTH</u>	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>THREAD</u>	<u>MINIMUM SAFETY FACTO</u>		
							<u>COLLAPSE</u>	<u>BURST</u>	<u>TENSILE</u>
17 1/2"	0' - 500' +/- GL	500' +/-	13 3/8"	48.0 #	H-40	ST&C	770 PSI	1730 PSI	322,000#
12 1/4"	500' - 4000' +/- KB	4000' +/-	9 5/8"	36.0 #	J-55	ST&C	2020 PSI	3520 PSI	394,000#
7 7/8"	4000' - TD +/-KB	12,950' +/-	4 1/2"	11.6 #	HC P-110	LT&C	8650 PSI	10,690 PSI	279,000#

All casing will be new or inspected.

5. Float Equipment:

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

Guide Shoe (Float shoe if required for weight capacity to run casing on spud rig)

Wooden wiper plug

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

Have bottom of first collar tack-welded, guide shoe and top of first collar thread-locked.

EIGHT POINT PLAN

NORTH DUCK CREEK 178-31 SW/NE, SEC. 31, T8S, R21E, S.L.B.&M. UINTAH COUNTY, UTAH

Intermediate Hole Procedure (500-4000'):

Float Shoe (PDC drillable)

Float Collar (PDC drillable)

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

Have bottom of collar on jt. #1 tack-welded, thread-lock guide shoe and top of jt. #1.

Production Hole Procedure (4000'-TD):

FS, 1 joint of casing, FC, and balance of casing to surface. Run marker collars at $\pm 12000'$ and $\pm 8800'$ (alter depth if needed to avoid placing across any potentially- productive intervals). Centralize 5' above shoe on joint #1, top of joint #2, then every 2nd joint to 400' above Island top (50 total). Thread lock FS, top and bottom of FC, and top of 2nd joint.

NOTE: Differential pressure rating on internal valves in float equipment is 3000 psi.

6. MUD PROGRAM

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

Air – Air Water Mist

Intermediate Hole Procedure (500-4000'):

Water (circulate through reserve pit) with Gel/LCM sweeps. 9.1-9.4 ppg mud with sufficient LCM content may be required to control Trona water flows from the Green River Formation.

Production Hole Procedure (4000'-TD):

4000'-5500' Water (circulate through reserve pit) with Gel/LCM sweeps.

5500'-7900' Close in mud system. Mud up with 6 ppb Diammonium Phosphate (DAP) per Baroid recommendations (May require pre-hydration tank for use of fresh gel). Drill with DAP water and BARACAT for flocculation. Sweep hole periodically as per Baroid recommendation with LCM sweeps to clean the hole and seal loss zones. Add additional LCM as hole dictates. Mud weight and vis as needed, water loss – no control.

7900'-TD Discontinue BARACAT. Mud up with zeogel and PAC-R as per Baroid recommendation. Maintain 6 ppb DAP. Do not mix caustic or lime. Maintain 7.5-8.5 pH. Weight up system and add vis as hole conditions require. Run LCM sweep periodically to seal off loss zones or more often as hole dictates. Water loss: 20 cc's maximum. Expect increasing gas shows requiring heavier mud weights from top of Island onward. Treat CO2 contamination per Baroid recommendation.

EIGHT POINT PLAN

NORTH DUCK CREEK 178-31
SW/NE, SEC. 31, T8S, R21E, S.L.B.&M.
UINTAH COUNTY, UTAH

CONFIDENTIAL

7. VARIANCE REQUESTS:

- A. EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line (Where possible, a straight run blooie line will be used).
- B. EOG Resources, Inc. requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line. (Not required on aerated water system).
- C. 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 75' in length.

8. EVALUATION PROGRAM:

Logs: Schlumberger Platform Express TD – Intermediate Casing, with Di-pole Sonic from TD to surface in 1 run. Rotary sidewall cores as needed and based upon results from first log run.

9. CEMENT PROGRAM:

Surface Hole Procedure (0-500' Below GL)

Lead: 600 sx. (100% excess volume) Class 'G' cement with 2% S1 (CaCl₂) & 0.25 pps D29 (cellophane flakes), mixed at 15.8 ppg, 1.15 cu. ft./sk., 4.95 gps water.

Top Out: Top out with Class 'G' cement with 2% S1 (CaCl₂) in mix water, 15.8 ppg, 1.15 cu. ft./sk., 4.95 gps via 1" tubing set at 25' if needed.

Intermediate Hole Procedure (500-4000')

Lead: 180 sx. (50% excess volume) Class 'G' lead cement (coverage from 2000-500') with 5% D44 (Salt), 12% D20 (Bentonite), 1% D79% (Extender), 0.25% D112 (Fluid Loss Additive), 0.2% D46 (Anti-Foamer) & 0.25 pps D29 (Cellophane flakes) mixed at 11.0 ppg, 3.91 ft³/sk., 24.5 gps water.

Tail: 580 sx. (50% excess volume) Class 'G' cement (coverage from 4000-2000') with 10% D53 (Gypsum), 1% S1 (CaCl₂) & 0.25 pps D29 (Cellophane flakes) mixed at 14.2 ppg, 1.61 ft³/sk., 7.9 gps water.

EIGHT POINT PLAN

CONFIDENTIAL

NORTH DUCK CREEK 178-31 SW/NE, SEC. 31, T8S, R21E, S.L.B.&M. UINTAH COUNTY, UTAH

Production Hole Procedure (4000' to TD)

Lead (Scavenger): 100 sx. 35:65 Poz G w/ 4% D20 (Bentonite), 2% D174 (Extender), 0.2% D65 (Dispersant), 0.2% D46 (Antifoamer), 0.75% D112 (Fluid Loss Additive), 0.15 % D13 (Retarder), 0.25 pps D29 (cellophane flakes), mixed at 13.0 ppg, 1.75 cu. ft./sk., 9.19 gps water.

Middle: 50:50 Poz G w/ 2% D20 (Bentonite), 0.1% D46 (Antifoamer), 0.15% D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.0 ppg, 1.29 cu. ft./sk., 5.9 gps water.

Tail: 50:50 Poz G w/ 2% D20 (Bentonite), 35.0% D-66 (Silica), 0.1% D46 (Antifoamer), 0.075% D800 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1 ppg, 1.53 cu. ft./sk., 7.0 gps water.

10. ABNORMAL CONDITIONS:

INTERMEDIATE HOLE PROCEDURE (500-4000')

Possible lost circulation and minor amounts of gas will be present. Asphaltic, black oil and Trona water flows may be encountered in the Green River, beginning at 2375'. Monitor for and report any hydrocarbon shows and/or water zones. Although the Kicker Sand, containing potential water and gas flows requiring 9.0-9.7 ppg mud weights to control, is not predicted to come in until 3450' (150' below planned intermediate casing shoe), be alert for any volume gains in the intermediate hole in case it is encountered shallower than expected.

PRODUCTION HOLE PROCEDURE 4000'-TD

Moderate amounts of gas, oil and water have been encountered in the Kicker Sand on offset wells in Section 31, requiring fairly normal mud weights to control (9.0-9.7 ppg). Formation pressures in the Mesa Verde productive zones could require up to 13.0 ppg mud weights to control. At the same time, research indicates that mud losses are possible throughout all of the 7-7/8" hole. Have a variety of LCM particle sizes on location in ample supply to cover your needs. In addition, sloughing shales and keyseat development are possible in the Wasatch Formation. CO2 contamination in the mud is possible in the Price River Mesaverde).

11. STANDARD REQUIRED EQUIPMENT:

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

EIGHT POINT PLAN

NORTH DUCK CREEK 178-31
SW/NE, SEC. 31, T8S, R21E, S.L.B.&M.
UINTAH COUNTY, UTAH

CONFIDENTIAL

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)

CONFIDENTIAL

Form 3160-4
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: November 30, 2000

012

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
U 24230

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

6. If Indian, Allottee or Tribe Name
UTE INDIAN TRIBE

7. Unit or CA Agreement Name and No.

2. Name of Operator
EOG RESOURCES, INC. Contact: KATY CARLSON
E-Mail: Kathleen_Carlson@EOGResources.com

8. Lease Name and Well No.
NORTH DUCK CREEK 178-31

3. Address P.O. BOX 250
BIG PINEY, WY 83113 3a. Phone No. (include area code)
Ph: 307.276.4842

9. API Well No.
43-047-34070

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface SWNE 1892FNL 2157FEL
At top prod interval reported below SWNE 1892FNL 2157FEL
At total depth SWNE 1892FNL 2157FEL

10. Field and Pool, or Exploratory
NORTH DUCK CREEK/MESAVERDE

11. Sec., T., R., M., or Block and Survey
or Area Sec 31 T8S R21E Mer SLB

12. County or Parish
UINTAH 13. State
UT

14. Date Spudded
02/08/2003 15. Date T.D. Reached
04/25/2003 16. Date Completed
 D & A Ready to Prod.
06/02/2003

17. Elevations (DF, KB, RT, GL)*
4707 GL

18. Total Depth: MD 12888 TVD 12888 19. Plug Back T.D.: MD 12833 TVD 12833 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
SEE ADDITIONAL INFORMATION 22. Was well cored? No Yes (Submit analysis)
Was DST run? No Yes (Submit analysis)
Directional Survey? No Yes (Submit analysis)

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J-55	54.5	0	491		600			
12.500	9.625 J-55	36.0	0	3994		760			
7.875	4.500 P-110	11.6	0	12878		2135			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	12295							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	11911	12260	12110 TO 12260	0.380	32	PRODUCING
B)			11911 TO 11973	0.380	24	PRODUCING
C)						
D)						

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

Depth Interval	Amount and Type of Material
12110 TO 12260	58,222 GALS GELLED WATER & 200.000# 20/40 SAND.
11911 TO 11973	53,646 GALS GELLED WATER & 168,600# 20/40 SAND.

CONFIDENTIAL
PERIOD
EXPIRED
ON 7-2-04

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
06/02/2003	06/06/2003	24	→	0.0	285.0	46.0			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
8/64	1400 SI	2000.0	→	0	285	46		PGW	

28a. Production - Interval B

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

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JUN 13 2003

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #22994 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** DRAFT **

DIV. OF OIL, GAS & MINING

28b. Production - Interval C

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

28c. Production - Interval D

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

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

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
WASATCH	5794	8993	SANDSTONE	WASATCH	5749
ISLAND	8993	9453	SANDSTONE	NORTH HORN	7697
KMV PRICE RIVER	9453	10888	SANDSTONE	ISLAND	8300
PRICE RIVER LOWER	10888	11268	SANDSTONE	KMV TOP PRICE RIVER	9128
SEGO	11268	11356	SANDSTONE	MIDDLE PRICE RIVER	10009
KMV CASTLEGATE	11356	11816	SANDSTONE	LOWER PRICE RIVER	10853
KMV BLACKHAWK	11816	12371	SANDSTONE	SEGO	11305
MANCOS	12371	12645	SHALE	CASTLEGATE	11393
MANCOS B	12645	12950	SANDSTONE	BASE CASTLEGATE SAND	11699
				BLACKHAWK	11826
				MANCOS	12340
				MANCOS B	12589
				BASE MANCOS B	12718

32. Additional remarks (include plugging procedure):

LOGS: Array Induction w/Linear Correlation, GR, Compensated Neutron, Triple Litho Density, GR, Dipole Sonic Imager, Compensated Neutron, GR, Platform Express Composite Print w/Sonic, Sonic Porosity, GR, Microlog. -5-1-03

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)
2. Geologic Report
3. DST Report
4. Directional Survey
5. Sundry Notice for plugging and cement verification
6. Core Analysis
7. Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #22994 Verified by the BLM Well Information System.
For EOG RESOURCES, INC., will be sent to the Vernal

Name (please print) KATY CARLSON Title REGULATORY ANALYST

Signature (Electronic Submission)  Date 06/09/2003

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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires: January 31, 2004

013

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.
U 24230

6. If Indian, Allottee or Tribe Name
UTE INDIAN TRIBE

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

8. Well Name and No.
NORTH DUCK CREEK 178-31

9. API Well No.
43-047-34070

10. Field and Pool, or Exploratory Area
NORTH DUCK CREEK/MESAVERDE

11. County or Parish, State
UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
EOG RESOURCES, INC.

3a. Address
P.O. BOX 250, BIG PINEY, WYOMING 83113

3b. Phone No. (include area code)
(307) 276-4842

4. Location of Well (Footage, Sec., T, R., M., or Survey Description)
SW/NE 1892' FNL - 2157' FEL
SECTION 31, T8S, 21E

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

3. 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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall 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. continued the completion of the subject well as follows:

1. Perforated Lower Price River from 11,065-66', 11,091-93', 11,129-30', 11,142-43', 11,158-59', 11,167-69', 11,187-89' & 11,202-04'. Fracture stimulated w/55,134 gals gelled water & 192,439# 20/40 sand.
2. Perforate the Lower Price River from 10,813-15', 10,847-49', 10,879-80', 10,901-04', 10,933-34', 10,972-73' & 10,983-85'. Fracture stimulated w/53,637 gals gelled water & 189,269# 20/40 sand.
3. Perforated Middle Price River from 10,565-66', 10,573-74', 10,612-13', 10,644-45', 10,665,66', 10,721-23', 10,737-38 & 10,765-66'. Fracture stimulated w/55,797 gals gelled water & 196,000# 20/40 sand.
4. Returned well to production 7/15/2003, from all intervals from 10,565' to 12,260'.

TEST: 8/04/2003, 489 MCFD, 6 BC, 43 BW in 24 hours on a 10/64" choke, FTP 1300 psig, CP 1750 psig.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed) KATY CARLSON Title REGULATORY ANALYST

Signature *Katy Carlson* Date SEPTEMBER 23, 2003

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by (Signature) _____ Name (Printed Typed) _____ Title _____

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 _____ Date _____

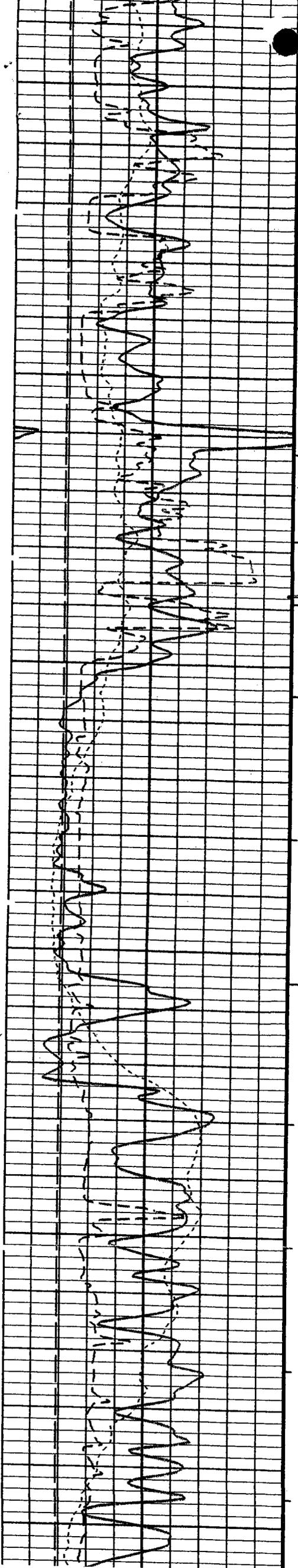
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly to provide false information to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on next page)

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SEP 26 2003

DIV. OF OIL, GAS & MINING



9000

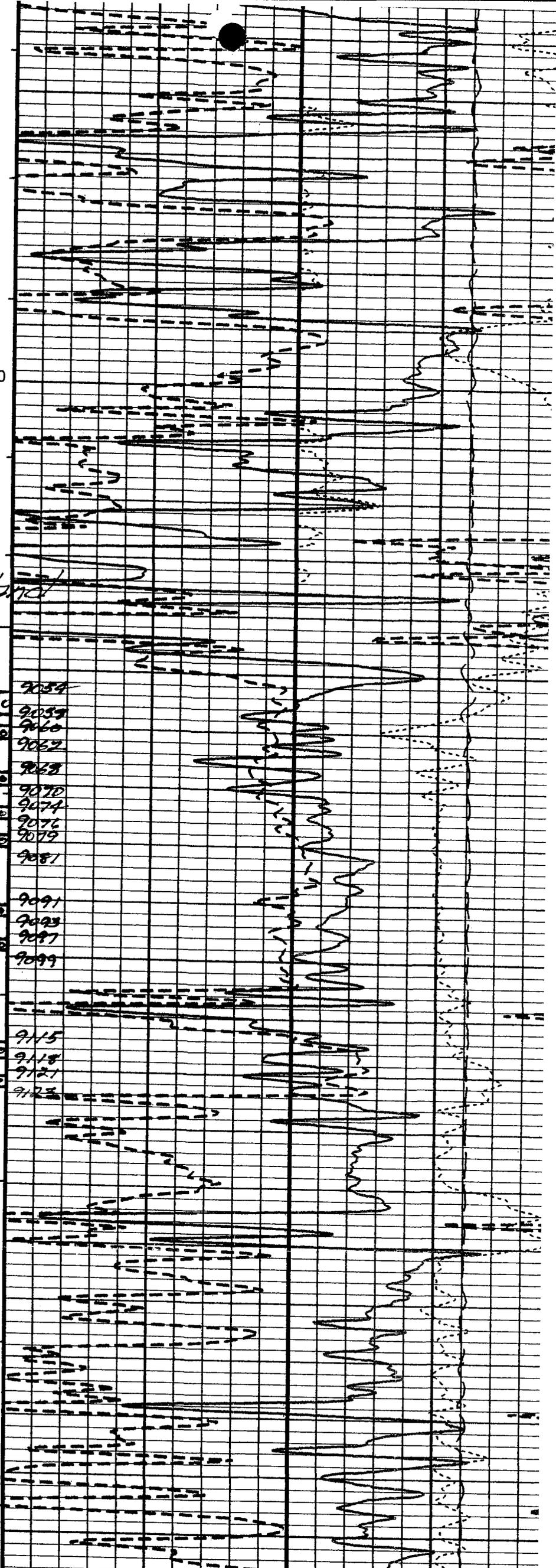
TKM

- 9034
- 9039
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- 9079
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- 9091
- 9093
- 9097
- 9099

9100

- 9115
- 9118
- 9121
- 9123

9200



Frac Procedure

NDC 178-31

Island Perfs: 9054'-9123''

Frac down casing w/720 bbls borate x-linked, gelled water (excluding flush) and 128,100# 20/40 sand as follows: (Treat @ 50 BPM. Mark flush @ 6 ppg on inline densiometer. Slow rate to 10 BPM for final 5 bbls flush. Maximum pressure 8500 psig.)

STAGE	GEL	VOL (bbls)	CUM. VOL. (bbls)	PROP (lbs)	CUM. PROP	TYPE PROP
Pad	35# (40 bbls linear, 80 bbls XL)	120	120			
1 ppg	35#	50	170	2100	2100	20/40 Sand
2 ppg	35#	50	220	4200	6300	20/40 Sand
3 ppg	35#	50	270	6300	12600	20/40 Sand
4 ppg	35#	100	370	16800	29400	20/40 Sand
5 ppg	35#	150	520	31500	60900	20/40 Sand
6 ppg	35#	200	720	67200	128100	20/40 Sand
Flush	Slick					

COMPLETION PROGRAM

Addendum

CONFIDENTIAL

North Duck Creek 178-31
1892' FNL & 2157' FEL (SW/NE)
Section 31, T8S, R21E
Uintah County, Utah

October 8, 2003
EOG WI: 100%
NRI: 81.25%
API# 43-047-34070
AFE# 301793

WELL DATA:

ELEVATION: 4706' GL KB: 4721 (15' KB)
TOTAL DEPTH: 12,888' KB PBD: 12,833' KB (Float Collar)
CASING: 13-3/8", 54.5#, J-55 set @ 491' KB. Cemented w/600 sx Class "G" to surface.
9-5/8", 36#, J-55 set @ 3994' KB. Cemented w/180 sx Hi-Lift & 580 sx 10/1 RFC.
4-1/2", 11.6#, HC P-110 set @ 12,878'. Cemented w/100 sx 35/65 Pozmix & 2035 sx 50/50 Pozmix. (Marker joints @ 5199' & 9130').
TUBING: Bit sub, 1 jt 2 3/8" 4.7# N-80 tbg., XN nipple, 376 jts 2 3/8" 4.7# N-80 tbg. Landed at 12,295'KB.

EXISTING PERFS	SPF/Phasing	INTERVAL	FRAC #
12010-12', 12017-18', 12025-28', 12073-74', 12134-36', 12164-65', 12171-72', 12192-93', 12213-14', 12222-24', 12259-60'	2/180°	Blackhawk	1
11855-58', 11877-78', 11911-12', 11921-24', 11949-50', 11954-55', 11960-61', 11972-73'	2/180°	Blackhawk	2
11065-66', 11091-93', 11129-30', 11142-43', 11158-59', 11167-69', 11187-89', 11202-204'	2/180°	Lower Price River	3
10813-15', 10847-49', 10879-80', 10902-04', 10933-44', 10972-73', 10983-85'	2/180°	Lower Price River	4
10565-66', 10573-74', 10612-13', 10644-45', 10665-66', 10721-23', 10737-38', 10765-66'	3/120°	Middle Price River	5

PROPOSED PERFS	SPF/Phasing	INTERVAL	FRAC #
9054-58', 9060-62', 9068-70', 9074-76', 9079-81', 9091-93', 9097-99', 9155-18', 9121-23'	2/180°	Island	6

PROCEDURE:

1. MIRUSU. Kill well w/treated water. ND tree. NU 10M psig BOPE. POH. Note any scale build up on report.
2. RUWL. Set 10K composite plug @ 9200'±. Test BP to 4000 psig. Perforate Island intervals as shown using 3-1/8" HSC ported casing guns. RDWL.
3. RU Schlumberger. Frac down casing per attached procedure. RD Schlumberger. Flow back immediately. Following flowback, RIH

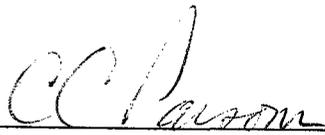
w/production string. Land tubing below Island perfs. ND BOPE. NU
tree. Swab/flow test.

4. RDMOSU. Place well on production.

PREPARED BY:


JIM SCHAEFER, DIVISION PRODUCTION MANAGER

APPROVED BY:


C. C. PARSONS, DIVISION OPERATIONS MANAGER

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires: January 31, 2004

014

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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. U 24230
2. Name of Operator EOG RESOURCES, INC.		6. If Indian, Allottee or Tribe Name
3a. Address P.O. BOX 250, BIG PINEY, WYOMING 83113	3b. Phone No. (include area code) (307) 276-4842	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T. R., M., or Survey Description) SW/NE 1892' FNL - 2157' FEL SECTION 31, T8S, R21E		8. Well Name and No. NORTH DUCK CREEK 178-31
		9. API Well No. 43-047-34070
		10. Field and Pool, or Exploratory Area NORTH DUCK CREEK/WASATCH
		11. County or Parish, State UINTAH, UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>CONTINUE</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>COMPLETION</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

3. 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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall 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. proposes to continue the completion of the subject well as follows:

- Set BP @ 9200'.
- Perforate Wasatch Island formation from 9054-58', 9060-62', 9068-70', 9074-76', 9079-81', 9091-93', 9097-99', 9115-18' and 8121-23'. Fracture stimulate w/720 bbls gelled water & 128,100# 20/40 sand.
- Return well to production.

COPY SENT TO OPERATOR
Date: 10-27-03
Initials: CTD

RECEIVED
OCT 16 2003
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed) KATY CARLSON Title REGULATORY ANALYST
Signature *Katy Carlson* Date OCTOBER 13, 2003

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

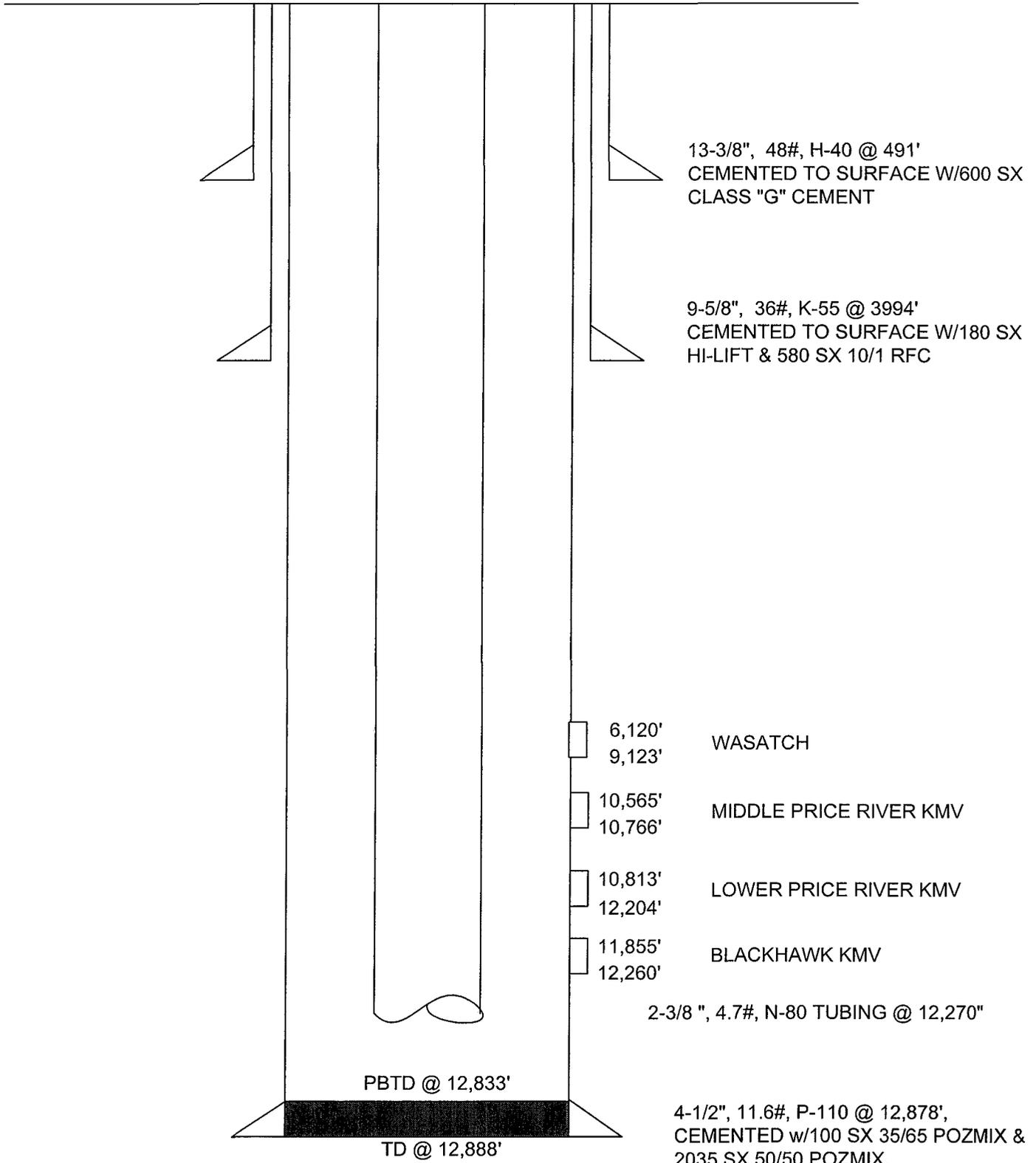
Approved by (Signature) _____
Name (Printed/Typed) Accepted by the Utah Division of Oil, Gas and Mining
Title _____
Date: 10/24/03
Federal Approval Of This Action Is Necessary

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.

WELLBORE

WELLBORE
WELLBORE

NORTH DUCK CREEK 178-31
SW/NE, SECTION 31, T8S, R21E
UINTAH COUNTY, UTAH



STATE OF UTAH)
)ss
COUNTY OF UINTAH)

AFFIDAVIT

Jim Schaefer, of lawful age, being first duly sworn upon oath, deposes and says:
He is the Division Production Manager of EOG Resources, Inc., of Big Piney, Wyoming. EOG Resources, Inc. is the operator of following described well:

**NORTH DUCK CREEK 178-31
1892' FNL - 2157' FEL (SW/NE)
SECTION 31, T8S, R21E
UINTAH COUNTY, UTAH**

EOG Resources, Inc. and Westport Oil and Gas Company, L.P. are the only owners in the well and/or of all contiguous oil and gas leases or drilling units overlying the pool.

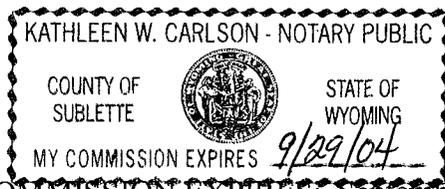
On the 22nd day of October, 2003, he placed in the United States mail, with postage prepaid, a copy of the attached Application for Commingling in one wellbore for the subject well.

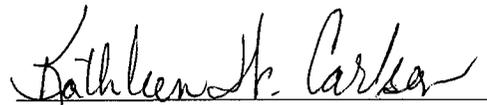
Said envelope which contained these instruments was addressed to the Utah Division of Oil, Gas & Mining, Bureau of Land Management and Westport Oil & Gas Company, L.P.

Further this affiant saith not.


Jim Schaefer
Division Production Manager

Subscribed and sworn to before me this 22nd day of October, 2003.

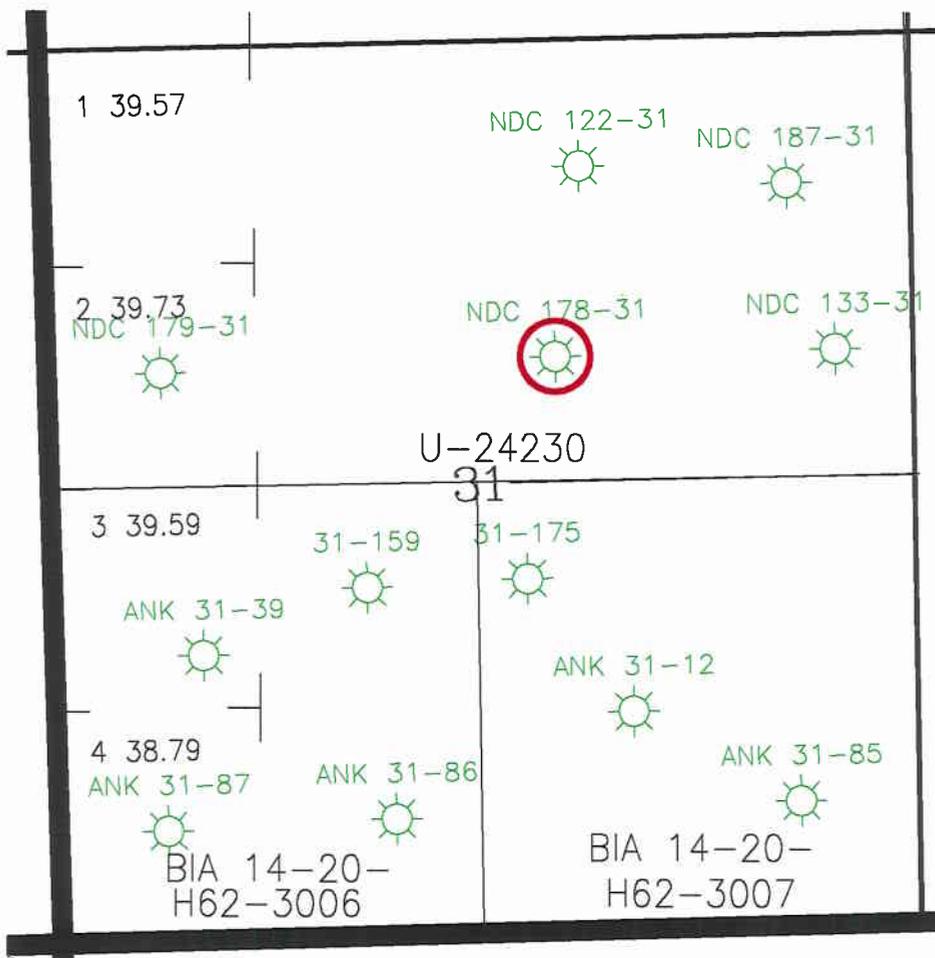



Kathleen W. Carlson
Notary Public

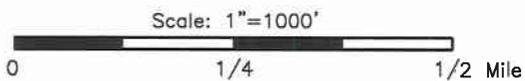
MY COMMISSION EXPIRES: September 29, 2004

R 21 E

T 8 S



○ North Duck Creek 178-31



eog resources
Denver Division

EXHIBIT "A"
NORTH DUCK CREEK 178-31
Commingling Application
Uintah County, Utah

Scale: 1" = 1000'	Map ID page_ndc213_178	Author commingled	TLM	Date: 10-7-03
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STATE OF UTAH
DIVISION OF OIL, GAS & MINING

COPY SENT TO OPERATOR
Date: 10-29-03
Initials: [Signature]

SUNDRY NOTICES AND REPORTS OF WELLS

CONFIDENTIAL

Do not use this form for proposals to drill new wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals

5. Lease Designation and Serial Number:
U 24230

6. If Indian, Allottee or Tribe Name:
UTE INDIAN TRIBE

7. Unit Agreement Name:

8. Well Name and Number:
NORTH DUCK CREEK 178-31

9. API Well Number:
43-047-34070

10. Field and Pool, or Wildcat:
NATURAL BUTTES

1. Type of Well: Oil Gas Other

2. Name of Operator: **EOG RESOURCES, INC.**

3. Address and Telephone Number: **P.O. BOX 250
(307) 276-3331 BIG PINEY, WYOMING 83113**

4. Location of Well
Footage's: **1892' FNL - 2157' FEL SW/NE**
County: **UINTAH**
State: **UTAH**
QQ, Sec., T., R., M.: **SECTION 31, T8S, R21E**

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

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandonment	<input type="checkbox"/> Abandonment*
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Casing Repair
<input type="checkbox"/> Change of Plans (Gas)	<input type="checkbox"/> change of Plans
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Conversion to Injection
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Fracture Treat
<input type="checkbox"/> Multiple completion	<input type="checkbox"/> Other
<input type="checkbox"/> New Construction	<input type="checkbox"/> New construction
<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Recompletion	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Water Shut -Off
<input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> COMMINGLING

Approximate date work will start _____ Date of work completion _____

COMPLETIONS OR RECOMPLETIONS AND LOG form 8
* Must be accompanied by a cement verification report.

12. Describe proposed or completed operations (Clearly state all details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.

EOG Resources, Inc. requests authorization for commingling of production from the Wasatch and Mesaverde formations in the referenced wellbore. In the event allocation of production is necessary, the allocation will be based on proportionate net pay as calculated from open hole logs. As shown on the attached wellbore schematic, production from the Wasatch and Mesaverde formations will be commingled in the wellbore and produced through open ended 2-3/8" tubing landed below all perforations in the 4-1/2" production casing..

Also find attached a map showing the location of all wells, gas oil and gas leases or drilling units and an affidavit showing that this application has been approved by the owners of all contiguous oil and gas leases or drilling units overlying the pool.

RECEIVED

OCT 24 2003

DIV. OF OIL, GAS & MINING

Accepted by the
Utah Division of
Oil, Gas and Mining
Date: 10/24/03
By: [Signature]

Federal Approval Of This
Action Is Necessary

13. Name & Signature: **Katy Carlson** Title: **Regulatory Analyst** Date: **22-Oct-03**
Cause No. 173-20

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

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.
U-24230

6. If Indian, Allottee or Tribe Name
UTE INDIAN TRIBE

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well
 Oil Well Gas Well Other

CONFIDENTIAL

8. Well Name and No.
NORTH DUCK CREEK 178-31

2. Name of Operator
EOG RESOURCES, INC

Contact: ALFREDA SCHULZ
E-Mail: alfreda_schulz@eogresources.com

9. API Well No.
43-047-34070

3a. Address
P. O. BOX 250
BIG PINEY, WY 83113

3b. Phone No. (include area code)
Ph: 307.276.4833

10. Field and Pool, or Exploratory
NORTH DUCK CREEK

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

Sec 31 T8S R21E SWNE 1892FNL 2157FEL
40.08154 N Lat, 109.59442 W Lon

11. County or Parish, and State
UINTAH COUNTY, UT

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> 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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall 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. completed additional pay in the Wasatch formation of the subject well as follows:

- Set composite plug @ 9200. Perforated Island formation from 9054-58, 9060-62, 9068-70, 9074-76, 9079-81, 9091-93, 9097-99, 9115-18, 9121-23 @ 2 SPF. Fracture stimulated w/867 bbls gelled water and 124,405# 20/40 sand. Interval was non-commercial and was cemented w/50 sx Class "G".
- Perforated Island formation from 8470-74, 8577-78, 8626-28 @ 2 SPF. No stimulation.
- Set composite bridge plug @ 7470. Perforated from 7126-28, 7130-33, 7140-42 7429-32 @ 2 SPF. Fracture stimulated w/552 bbls gelled water and 77,543# 20/40 sand.
- Set retrievable bridge plug @ 6700. Perforated Cc interval from 6606-10, 6647-49 @ 3 SPF. Fracture stimulated w/370 bbls gelled water & 64,278# 20/40 sand.
- Set retrievable plug @ 6170. Perforated from 6120-24 & 6126-30 @ 3 SPF. Fracture stimulated

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #28097 verified by the BLM Well Information System
For EOG RESOURCES, INC, sent to the Vernal

Name (Printed/Typed) ALFREDA SCHULZ

Title SR. REGULATORY ASSISTANT

Signature (Electronic Submission)

Date 02/20/2004

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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.

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

RECEIVED

FEB 23 2004

Additional data for EC transaction #28097 that would not fit on the form

CONFIDENTIAL

32. Additional remarks, continued

w/353 bbls gelled water and 63,599# 20/40 sand. Retrieved bridge plugs @ 6170 & 6700. Landed tubing @ 7462.

6. Returned well to sales 11/12/03 producing from the Wasatch formation.

TEST: 11/24/03 570 MCF, 1 BC & 8 BW in 24 hours on 12/64" choke. FTP 825 psig, FCP 1050 psig.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

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.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator **EOG Resources, Inc.**

3a. Address
600 17th Street, Suite 1000N, Denver, CO 80202

3b. Phone No. (include area code)
303-824-5526

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

**1892' FNL & 2157' FEL (SW/NE)
 Sec. 31-T8S-R21E 40.08154 LAT 109.59442 LON**

5. Lease Serial No.
U-24230

6. If Indian, Allottee or Tribe Name
Ute Indian Tribe

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

8. Well Name and No.
North Duck Creek 178-31

9. API Well No.
43-047-34070

10. Field and Pool, or Exploratory Area
Natural Buttes/Wasatch/MV/Mancos

11. County or Parish, State
Uintah County, Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Pit reclamation
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> 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 recomplate 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.)

The reserve pit for the referenced location was closed on 6/15/2006 as per the APD procedure.

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

Mary A. Maestas

Title **Regulatory Assistant**

Signature

Mary A. Maestas

Date

01/11/2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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)

RECEIVED

JAN 12 2007

DIV. OF OIL, GAS & MINING