

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

**APPLICATION FOR PERMIT TO DRILL OR DEEPEN**

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

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

5. Lease designation and serial number  
**ML-3085**

6. If Indian, Allottee or Tribe name  
**UTE TRIBAL LAND**

7. Unit Agreement Name  
**NORTH CHAPITA**

8. Farm or lease name, well no.  
**NORHT CHAPITA**

9. API Well no.  
**N. Chapita 110-32**

10. Field and pool, or wildcat  
**N. CHAPITA/WASATCH**

11. Sec., T., R., M., or BLK. and survey or area  
**SEC. 32, T8S, R22E**

12. County or parish  
**UINTAH**

13. State  
**UTAH**

17. No. of acres assigned to this well

20. Rotary or cable tools  
**ROTARY**

22. Approx. date work will start  
**MAY 2000**

2. Name of Operator  
**EOG RESOURCES, INC. (307) 276-3331**  
*Jim Schaefer*

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  
**660' FSL & 1980' FEL SW/SE**  
*4436924 N  
631230 E*

At proposed prod. Zone

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

15. Distance from proposed location to nearest property or lease line, ft.  
**660'**  
(Also to nearest drig. Unit line, if any)

16. No. of acres in lease  
**600**

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

19. Proposed depth  
**6820'**

21. Elevations (show whether DF, RT, GR, etc.)  
**4723 FEET GRADED GROUND**

23. PROPOSED CASING AND CEMENTING PROGRAM				QUANTITY OF CEMENT
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	
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#	6820'	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

**CONFIDENTIAL**

EOG RESOURCES, INC. WILL BE THE DESIGNATED OPERATOR OF THE SUBJECT WELL UNDER BOND #JP-0921

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**JUL 12 2000**

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

**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 locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED *[Signature]* TITLE **Agent** DATE 7-10-2000

(This space for Federal or State office use)

PERMIT NO. 43047-33608 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 *[Signature]* TITLE **BRADLEY G. HILL RECLAMATION SPECIALIST III** DATE 7/20/2000

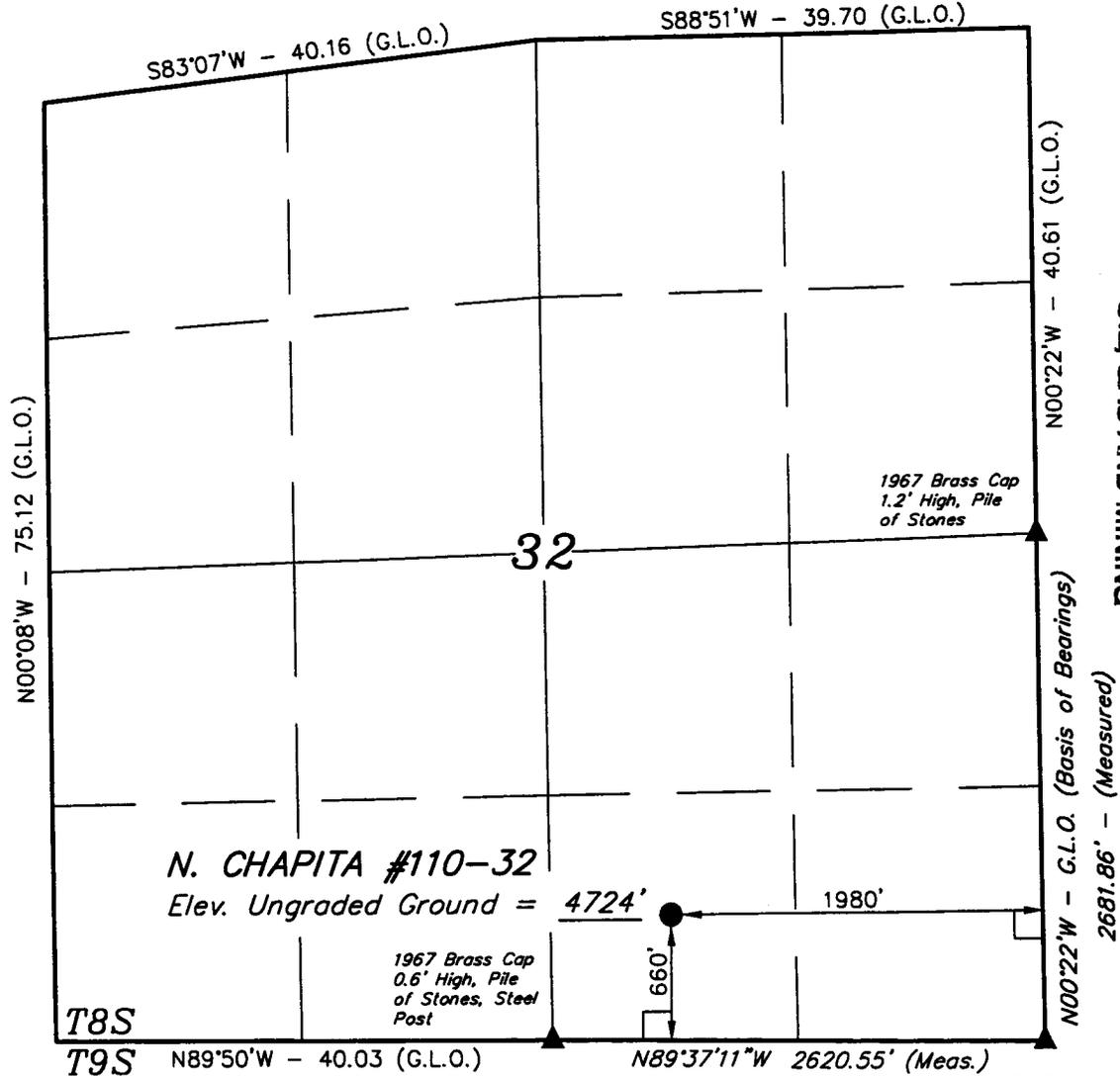
EOG RESOURCES, INC.

T8S, R22E, S.L.B.&M.

Well location, N. CHAPITA #110-32, located as shown in the SW 1/4 SE 1/4 of Section 32, T8S, R22E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHEAST CORNER OF SECTION 5, T8S, R22E, S.L.B.&M. TAKEN FROM THE RED WASH SW, QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4734 FEET.



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SCALE

CERTIFICATE

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

*Robert J. Key*

REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 10139  
 STATE OF UTAH

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

SCALE 1" = 1000'	DATE SURVEYED: 12-22-99	DATE DRAWN: 01-11-00
PARTY B.B. J.H. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE EOG RESOURCES, INC.	

LEGEND:

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

LATITUDE = 40°04'27"  
 LONGITUDE = 109°27'37"

1967 Brass Cap  
 0.6' High, Cedar  
 Post, Set Stone,  
 Pipe

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

July 10, 2000

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 CHAPITA #110-32  
SW/SE , SEC. 32, T8S, R22E  
UINTAH COUNTY, UTAH  
LEASE NO.: ML-3085  
SURFACE OWNER: UTE INDIAN TRIBE

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

BLM-FEE-EOG

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**EIGHT POINT PLAN**

**NORTH CHAPITA #110-32**

**SW/SE, SEC. 32, T8S, R22E**

**UINTAH COUNTY, UTAH**

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

<b>FORMATION</b>	<b>DEPTH</b>	<b>TYPE ZONES</b>	<b>MAXIMUM PRESSURE</b>
Green River	1763		
Oil Shale	1763		
“H” Marker	3408		
“J” Marker	3826		
Base “M” Marker	4756		
Wasatch	5190		
Peters Point	5190	GAS	
Chapita Wells	5850	GAS	
Buck Canyon	6600	GAS	

EST. TD 6820

Anticipated BHP 3000 PSI

**3. PRESSURE CONTROL EQUIPMENT: BOP Schematic Diagram attached.**

**4. CASING PROGRAM:**

<b>HOLE SIZE</b>	<b>INTERVAL</b>	<b>LENGTH</b>	<b>SIZE</b>	<b>WEIGHT</b>	<b>GRADE</b>	<b>THREAD</b>	<b><u>MINIMUM SAFETY FACTOR</u></b>		
							<b>COLLAPSE</b>	<b>BURST</b>	<b>TENSILE</b>
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' - 6820'	6820'	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.

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**EIGHT POINT PLAN**

**NORTH CHAPITA #110-32**  
**SW/SE, SEC. 32, T8S, R22E**  
**UINTAH COUNTY, UTAH**

**5. MUD PROGRAM**

**INTERVAL**

0' - 220'  
240' - 4000'  
4000' - TD

**MUD TYPE**

Air  
Air/Mist & Aerated Water  
Air/3% KCL water or KCL substitute

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

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 Platform Express

AIT-GR-SP-CAL  
FDC-CNL-GR-Cal-PE

T.D. to base of surface casing  
T.D. to 4500'

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.

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**EIGHT POINT PLAN**

**NORTH CHAPITA #110-32**  
**SW/SE, SEC. 32, T8S, R22E**  
**UINTAH COUNTY, UTAH**

**8. ABNORMAL CONDITIONS:**

None anticipated.

**9. STANDARD REQUIRED EQUIPMENT:**

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

**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)

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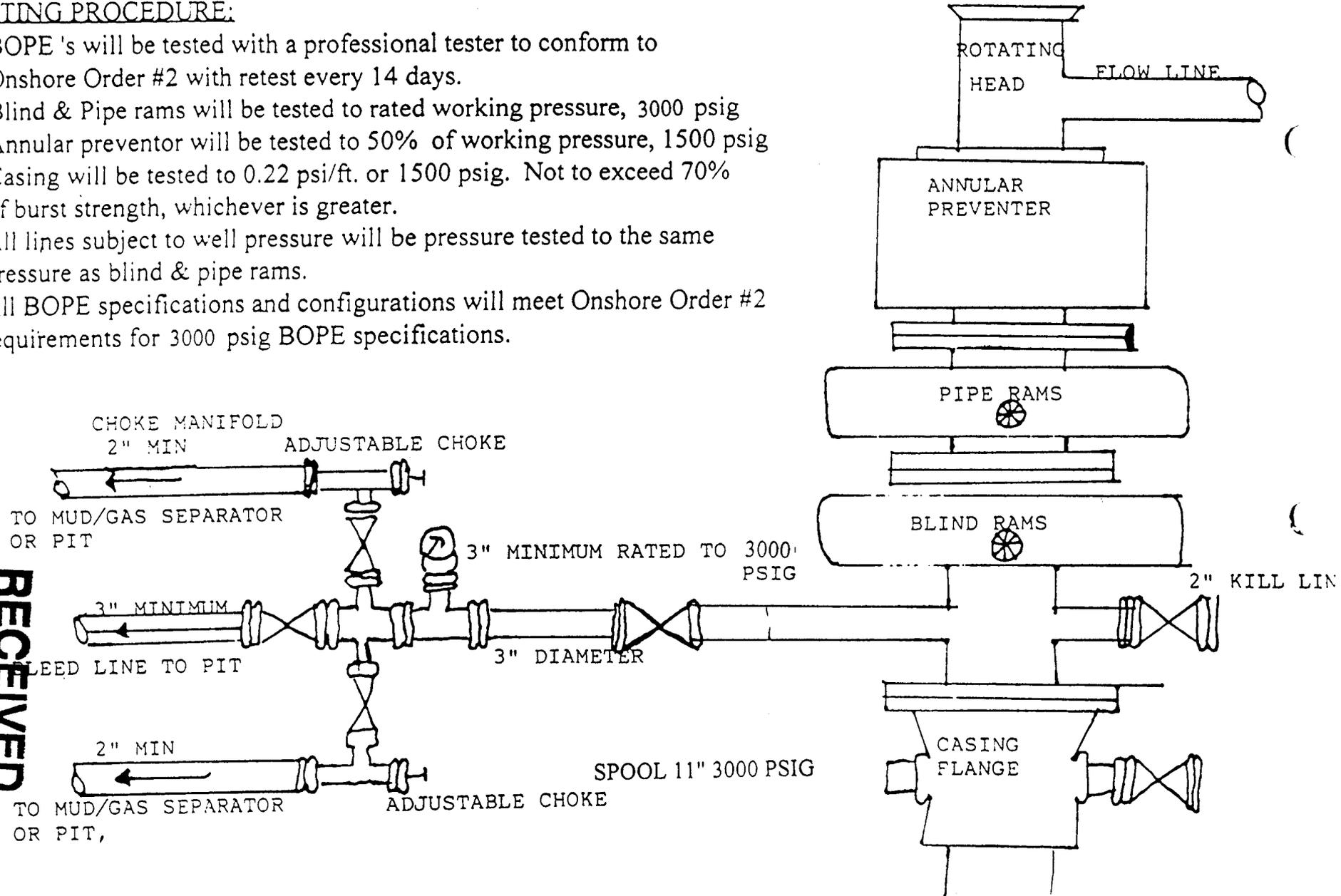
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# 3000 PSIG DIAGRAM

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.



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

Company/Operator: EOG Resources, Inc.  
Well Name & Number: North Chapita #110-32  
Lease Number: ML-3085  
Location: 660' FSL & 1980' FEL, SW/SE, Sec. 32, T8S, R22E, S.L.B.&M.,  
Uintah County, Utah  
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 well - 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.

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OIL, GAS AND MINING**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 13.4 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 0.1 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**

- A. Water wells - None
- B. Abandoned wells - None
- C. Temporarily abandoned wells - None
- D. Disposal wells - None
- E. Drilling wells - None
- F. Producing wells - 7\*
- G. Shut in wells - None
- H. Injection wells - None

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

**4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

**A. ON WELL PAD**

- 1. Tank batteries - None
- 2. 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.
- 3. Oil gathering lines - None
- 4. Gas gathering lines - A 4 1/2" gathering line will be buried from dehy to the edge of the location.
- 5. Injection lines - None
- 6. Disposal lines - None
- 7. Surface pits - None

**B. OFF WELL PAD**

- 1. Proposed location of attendant off pad flowlines shall be flagged prior to archaeological clearance.
- 2. A 41/2" OD steel above ground natural gas pipeline will be laid approximately 485' from proposed location to a point in the SW/SE of Section 32, T8S, R22E, where it will tie into Questar Pipeline Co.'s existing line. Proposed pipeline crosses BIA administered lands

within the Chapita Wells Unit, thus a Right-of -Way grant will be required.

3. Proposed pipeline will be a 4 ½ “ 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 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 a licensed trucking company.
- 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.

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## 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 an approved waste disposal facility.
4. Produced waste water will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. During the 90 day period, an application for approval of a permanent disposal method and location, together with the required water analysis, will be submitted for the AO's approval.
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.

Burning of trash will not be allowed. All trash must be contained in a trash cage and hauled away to an approved disposal site at the completion of the drilling activities.

#### 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.

After first production, produced waste water will be confined to a lined pit or storage tank for a period not to exceed ninety (90) days. During the 90 day period, in accordance with Onshore Order No. 7, an application for approval of a permanent disposal method and location, along with required water analysis, shall be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.

## 8. ANCILLARY FACILITIES

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

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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 East side of the location. The flare pit will be located downwind of the prevailing wind direction on the East 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 at corner 2 and 9.

Access to the well pad will be from the South.

N/A Diversion ditch(es) shall be constructed on the \_\_\_\_\_ side of the location (above/below) the cut slope, draining to the \_\_\_\_\_.

N/A Soil compacted earthen berm(s) shall be placed on the \_\_\_\_\_ side(s) of the location between the \_\_\_\_\_.

N/A The drainage(s) shall be diverted around the sides of the well pad location.

N/A The reserve pit and/or pad locations shall be constructed long and narrow for topographic reasons \_\_\_\_\_.

NA Corner # \_\_\_ will be rounded off to minimize excavation.

**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.

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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.

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OIL, GAS AND MINING**11. SURFACE OWNERSHIP**Access road: TribalLocation: 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**

- N/A No construction or drilling activities shall be conducted between \_\_\_\_\_ and \_\_\_\_\_ because of \_\_\_\_\_.
- N/A No surface occupancy will be allowed within 1,000 feet of any sage grouse strutting ground.
- N/A No construction or exploration activities are permitted within a 1.5 mile radius of sage grouse strutting grounds from April 1 to June 30.
- N/A There shall be no surface disturbance within 600 feet of live water (includes stock tanks, springs, and guzzlers).
- N/A No cottonwood trees will be removed or damaged.
- N/A Pond will be constructed according to BIA specifications approximately \_\_\_\_\_ feet \_\_\_\_\_ of the location, as flagged on the onsite.

**RECEIVED**

**JUL 12 2000**

**DIVISION OF  
OIL, GAS AND MINING**

**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.

7-10-2000  
Date

Ed Trotter  
Agent

**RECEIVED**

JUL 12 2000

DIVISION OF  
OIL, GAS AND MINING

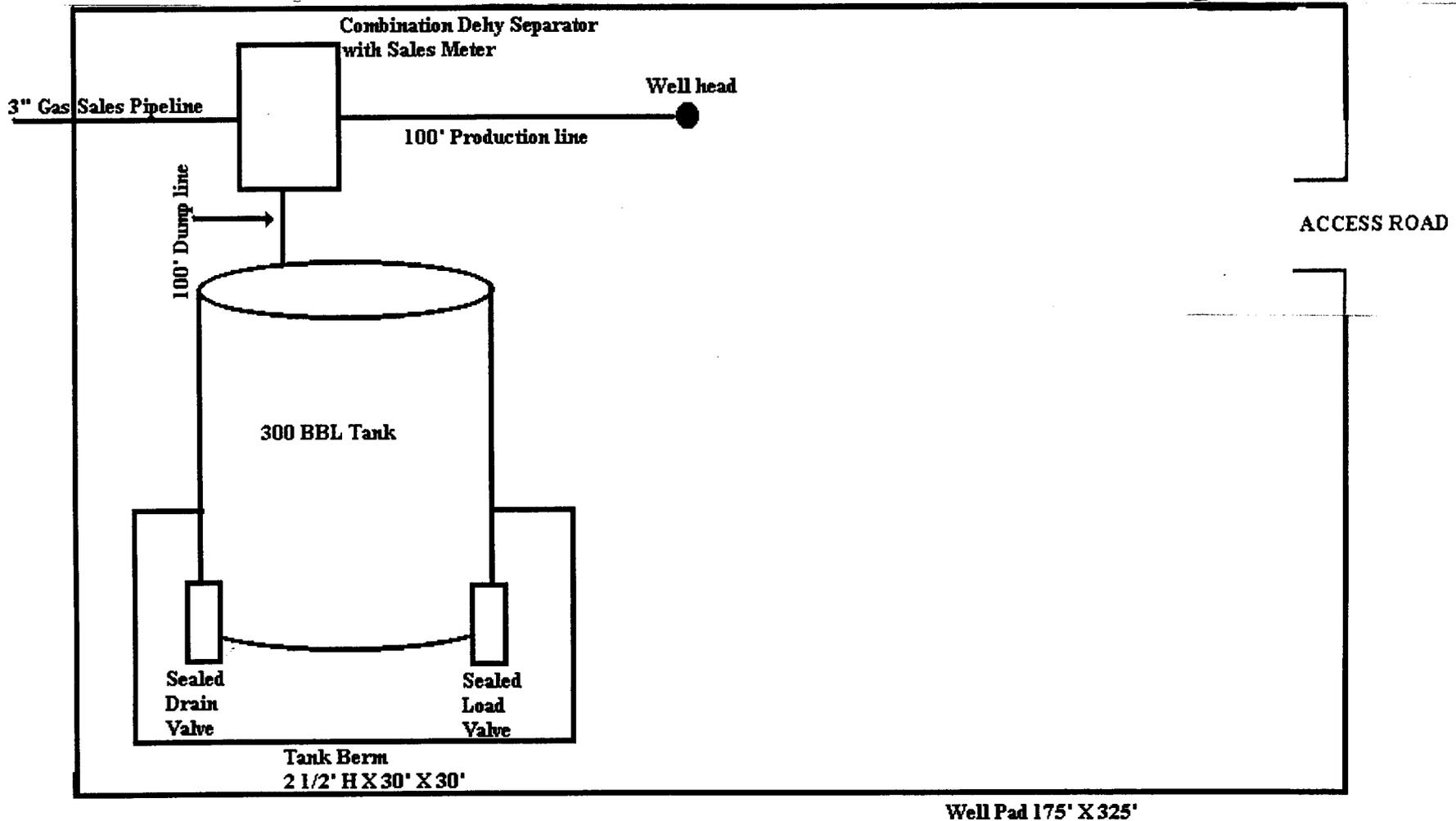
DIVISION OF  
OIL, GAS AND MINING

JUL 12 2000

RECEIVED

**SITE FACILITY DIAGRAM**  
**NORTH CHAPITA #110-32**  
**SECTION 32, T8S, R22E, SW/4 SE/4**  
**UINTAH COUNTY, UTAH**  
**LEASE NUMBER: ML-3085**

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



EOG RESOURCES, IN.C

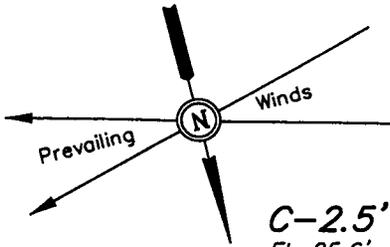
LOCATION LAYOUT FOR

N. CHAPITA #110-32  
SECTION 32, T8S, R22E, S.L.B.&M.

660' FSL 1980' FEL

JUL 12 2000

DIVISION OF  
OIL, GAS AND MINING



C-2.5'  
El. 25.6'

C-0.5'  
El. 23.6'

Proposed Access Road

F-1.3'  
El. 24.4'

SCALE: 1" = 50'  
DATE: 01-11-00  
Drawn By: D.R.B.

Approx. Top of Cut Slope

NOTE:

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

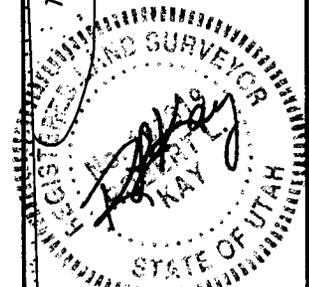
Subsoil Stockpile  
El. 29.9'  
C-14.8'  
(btm. pit)  
C-1.6'  
El. 24.7'

FLARE PIT

C-1.5'  
El. 24.6'

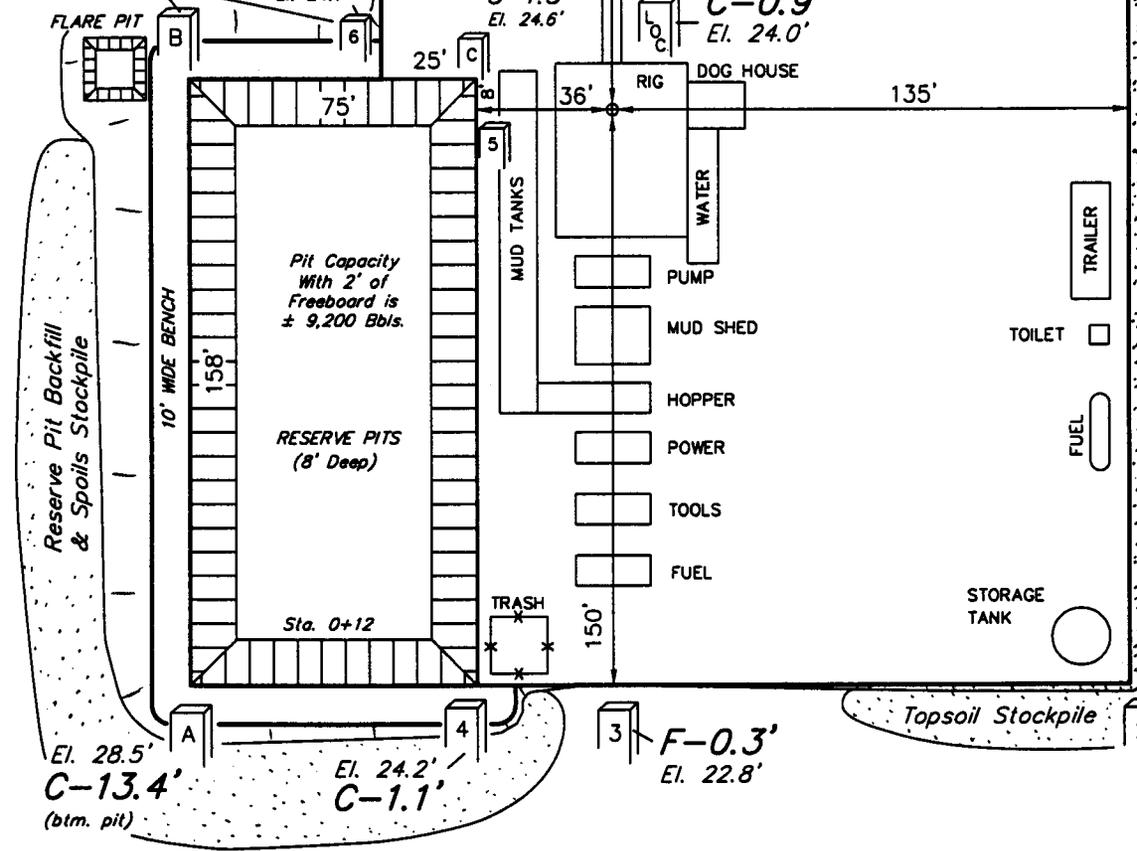
C-0.9'  
El. 24.0'

Approx. Toe of Fill Slope



Sta. 1+50

F-3.0'  
El. 20.1'



Pit Capacity With 2' of Freeboard is ± 9,200 Bbls.

RESERVE PITS (8' Deep)

Reserve Pit Backfill & Spoils Stockpile

10' WIDE BENCH

El. 28.5'  
C-13.4'  
(btm. pit)

El. 24.2'  
C-1.1'

F-0.3'  
El. 22.8'

F-1.8'  
El. 21.3'

Elev. Ungraded Ground at Location Stake = 4724.0'

Elev. Graded Ground at Location Stake = 4723.1'

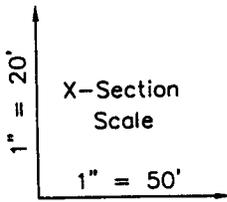
## EOG RESOURCES, INC.

### TYPICAL CROSS SECTIONS FOR

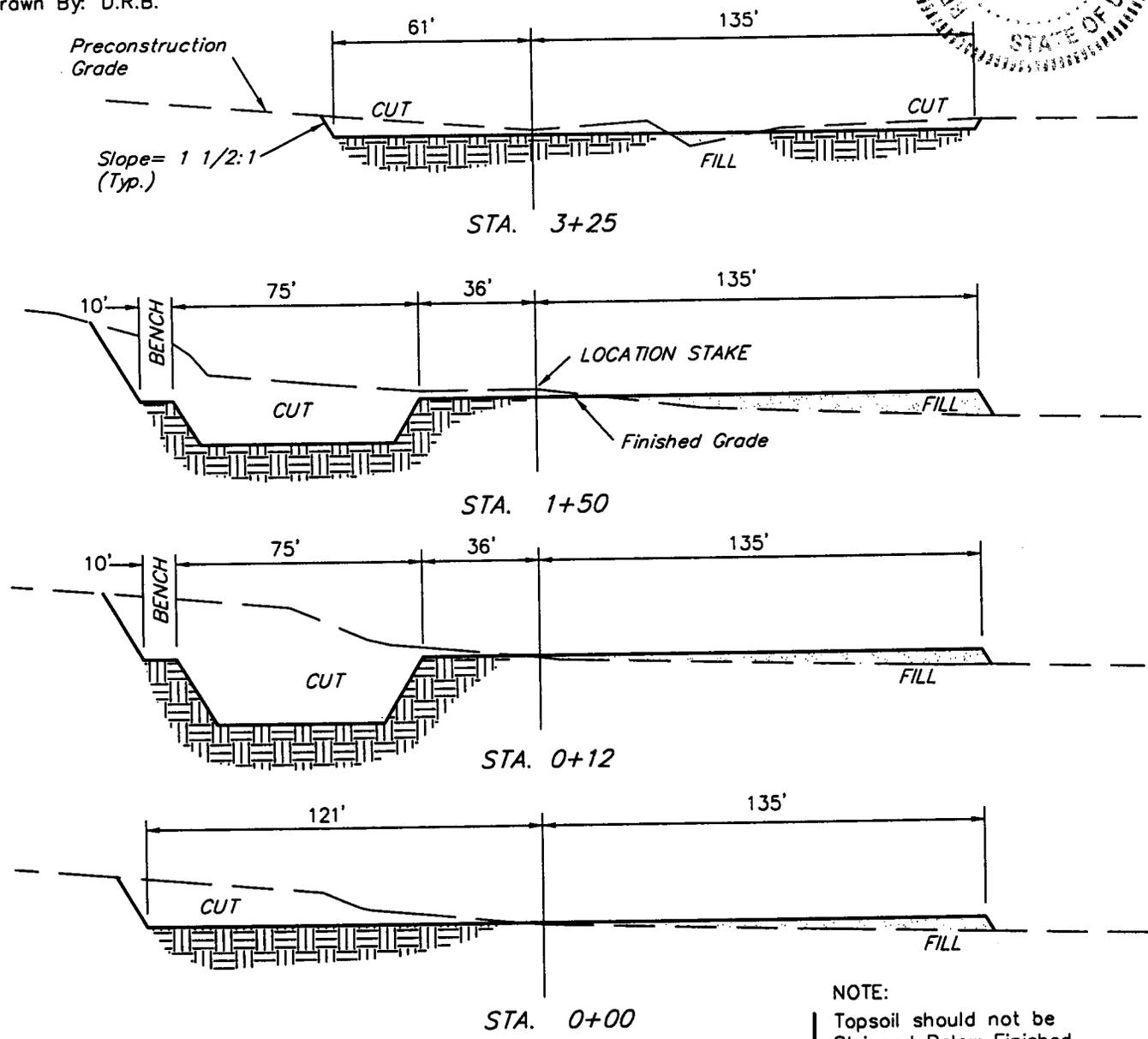
N. CHAPITA #110-32  
SECTION 32, T8S, R22E, S.L.B.&M.  
660' FSL 1980' FEL

JUL 12 2000

DIVISION OF  
OIL GAS AND MINING



DATE: 01-11-00  
Drawn By: D.R.B.



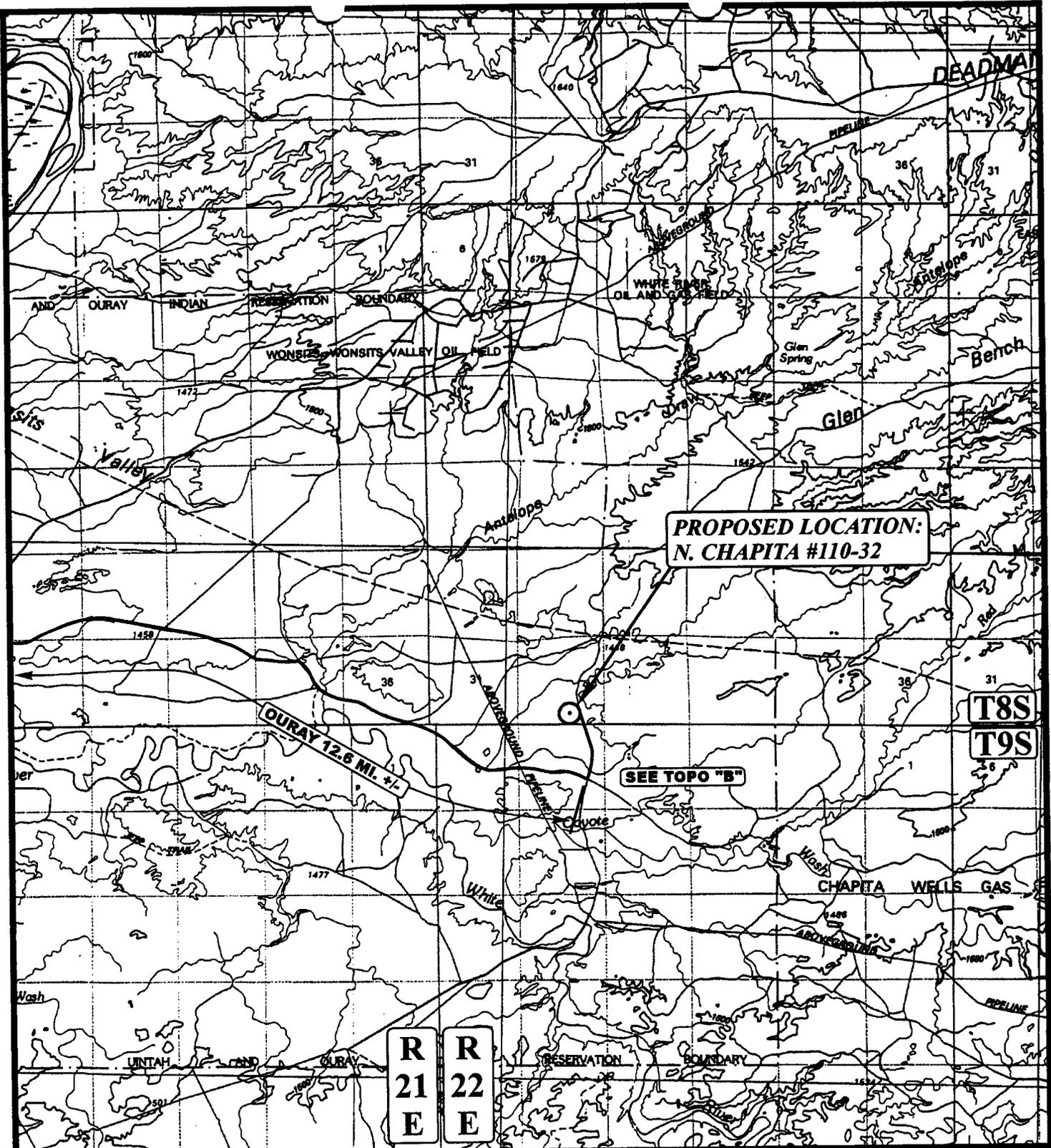
NOTE:  
Topsoil should not be Stripped Below Finished Grade on Substructure Area.

#### APPROXIMATE YARDAGES

(12") Topsoil Stripping	=	2,770 Cu. Yds.
Remaining Location	=	5,450 Cu. Yds.
<b>TOTAL CUT</b>	<b>=</b>	<b>8,220 CU.YDS.</b>
<b>FILL</b>	<b>=</b>	<b>3,880 CU.YDS.</b>

EXCESS MATERIAL AFTER 5% COMPACTION	=	4,140 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	4,140 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	=	0 Cu. Yds.

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



**LEGEND:**

○ PROPOSED LOCATION



**EOG RESOURCES, INC.**

**N. CHAPITA #110-32  
SECTION 32, T8S, R22E, S.L.B.&M.  
660' FSL 1980' FEL**



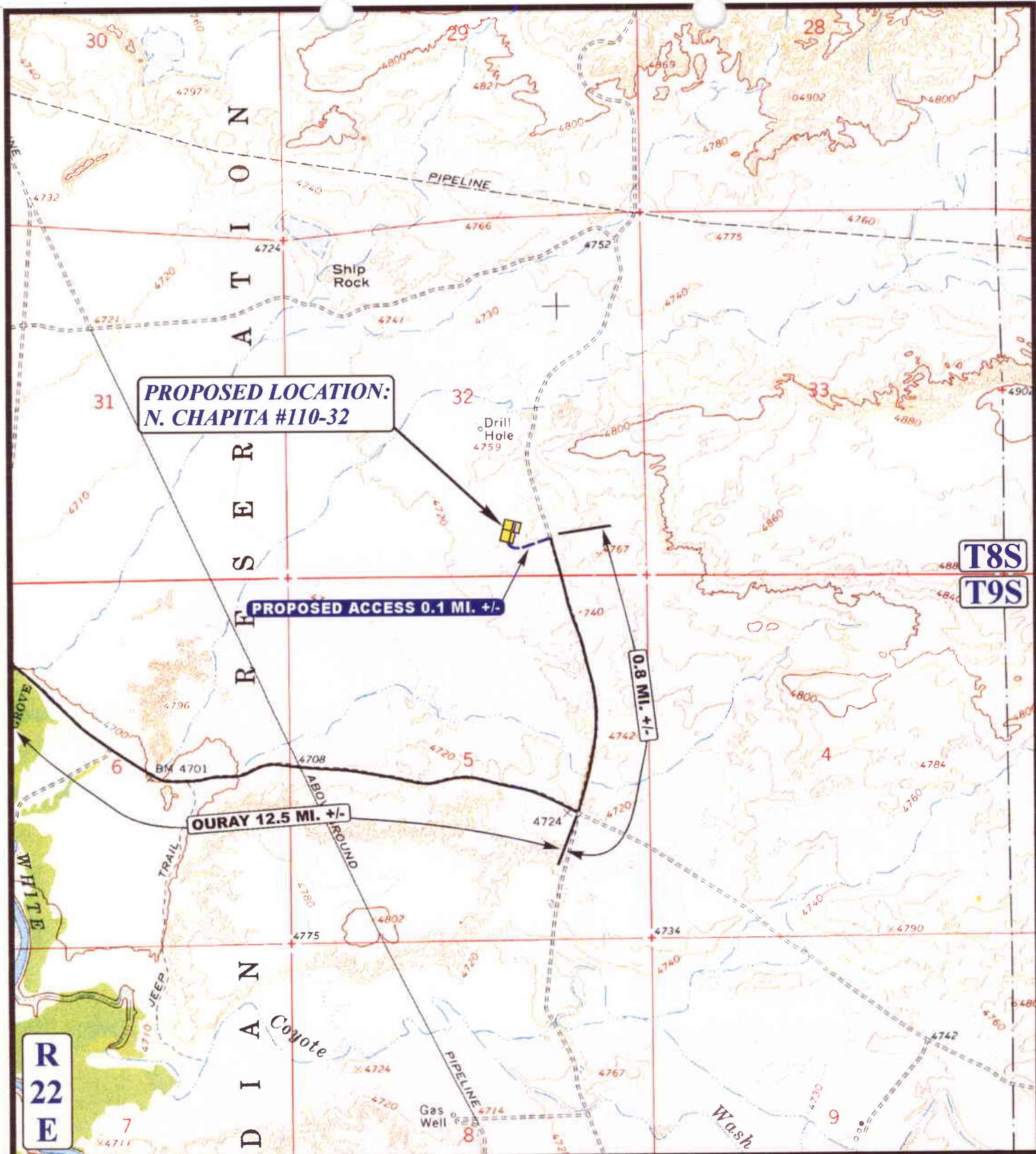
**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC  
MAP**

**1 1000**  
MONTH DAY YEAR

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





**PROPOSED LOCATION:  
N. CHAPITA #110-32**

**PROPOSED ACCESS 0.1 MI. +/-**

**OURAY 12.5 MI. +/-**

**0.8 MI. +/-**

**R  
22  
E**

**T8S  
T9S**

**LEGEND:**

- PROPOSED ACCESS ROAD
- EXISTING ROAD

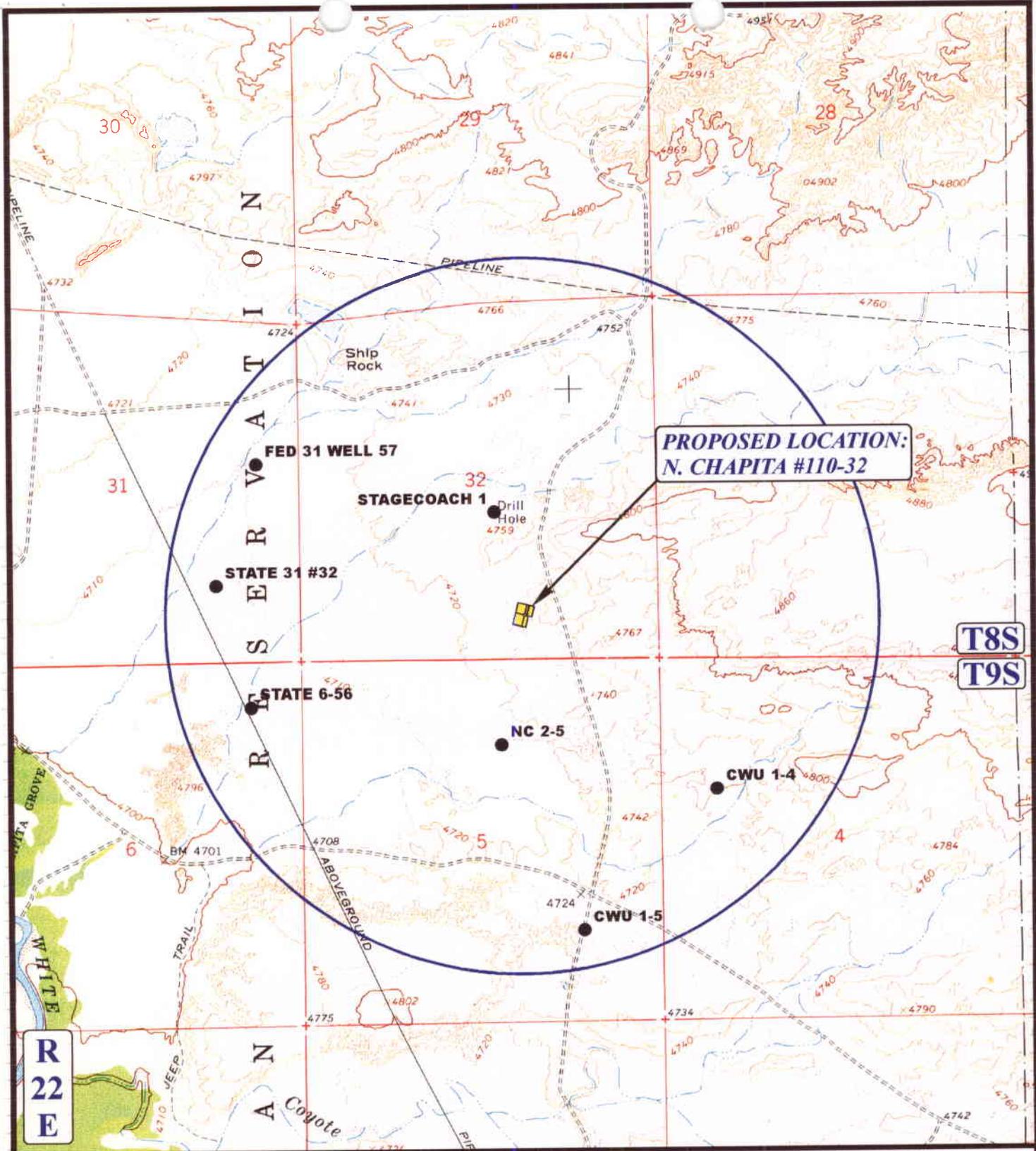


**EOG RESOURCES, INC.**

**N. CHAPITA #110-32  
SECTION 32, T8S, R22E, S.L.B.&M.  
660' FSL 1980' FEL**

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

**TOPOGRAPHIC MAP**  
**1 MONTH 10 DAY 00 YEAR**  
 SCALE: 1" = 2000' DRAWN BY: C.G. REVISED: 00-00-00 **B TOPO**



**LEGEND:**

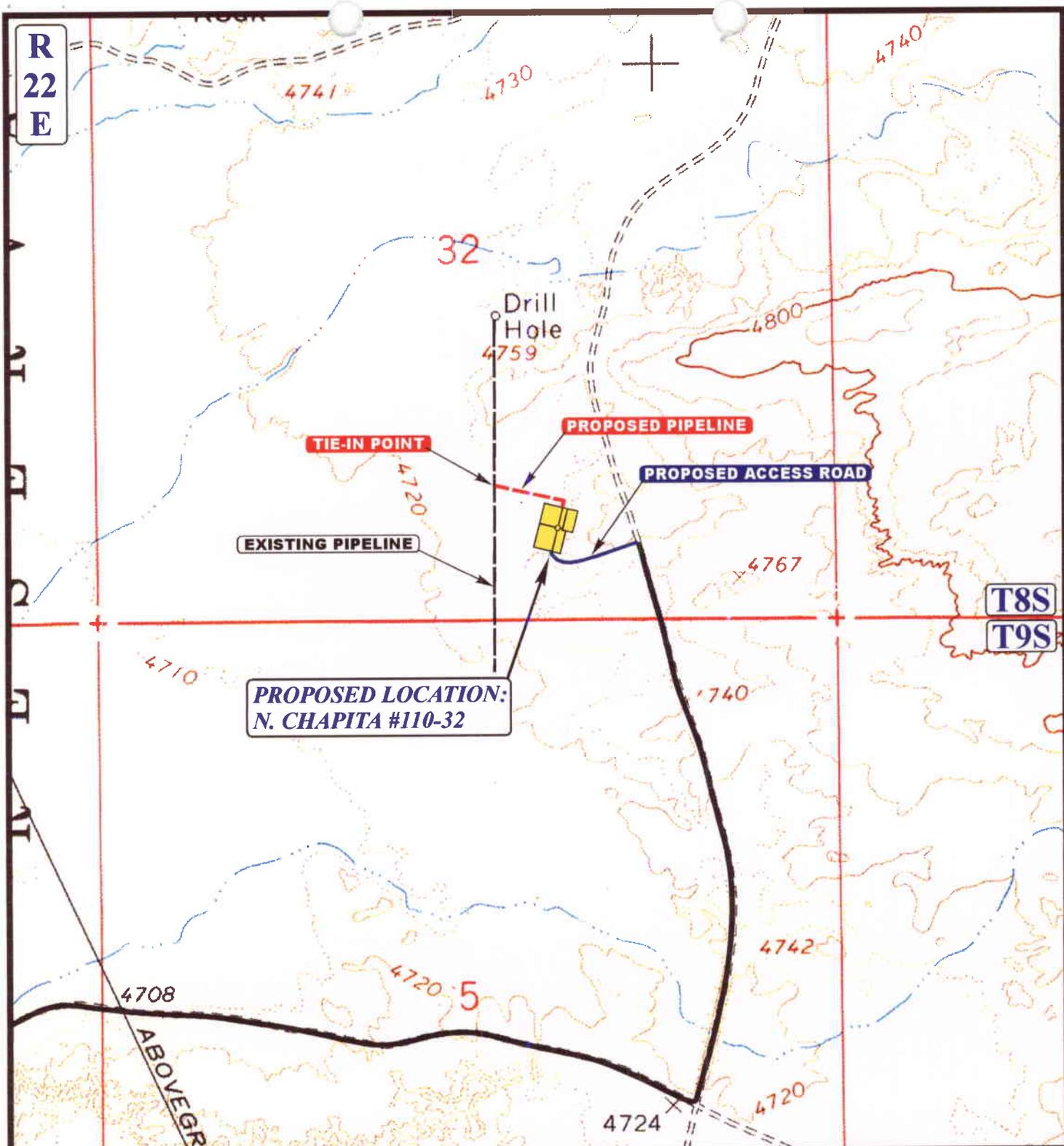
- ⊗ DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- ⊗ WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

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



**EOG RESOURCES, INC.**  
**N. CHAPITA #110-32**  
**SECTION 32, T8S, R22E, S.L.B.&M.**  
**660' FNL 1980' FEL**

<b>TOPOGRAPHIC MAP</b>	<b>1</b>	<b>10</b>	<b>00</b>	<b>C TOPO</b>
	MONTH	DAY	YEAR	
SCALE: 1" = 2000'	DRAWN BY: C.G.		REVISED: 00-00-00	



**APPROXIMATE TOTAL PIPELINE DISTANCE = 485' +/-**

**LEGEND:**

-  EXISTING PIPELINE
-  PROPOSED PIPELINE
-  PROPOSED ACCESS



**EOG RESOURCES, INC.**

**N. CHAPITA #110-32  
SECTION 32, T8S, R22E, S.L.B.&M.  
660' FSL 1980' FEL**



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

**TOPOGRAPHIC MAP**  
SCALE: 1" = 1000' DRAWN BY: C.G. REVISED: 00-00-00

<b>1</b>	<b>10</b>	<b>00</b>
MONTH	DAY	YEAR



**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 07/12/2000

API NO. ASSIGNED: 43-047-33628

WELL NAME: NORTH CHAPITA 110-32  
 OPERATOR: EOG RESOURCES INC ( N9550 )  
 CONTACT: ED TROTTER, AGENT

PHONE NUMBER: 435-789-4120

PROPOSED LOCATION:

SWSE 32 080S 220E  
 SURFACE: 0660 FSL 1980 FEL  
 BOTTOM: 0660 FSL 1980 FEL  
 UINTAH  
 NATURAL BUTTES ( 630 )

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	<i>ET</i>	7-19-00
Geology		
Surface		

LEASE TYPE: 3-State  
 LEASE NUMBER: ML-3085  
 SURFACE OWNER: 2-Indian

PROPOSED FORMATION: WSTC

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[] Ind[] Sta[3] Fee[]  
(No. JP-0921 )
- Potash (Y/N)
- Oil Shale (Y/N) \*190 - 5 (B)
- Water Permit  
(No. 49-1501 )
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- Fee Surf Agreement (Y/N)

LOCATION AND SITING:

- R649-2-3. Unit \_\_\_\_\_
- R649-3-2. General  
Siting: \_\_\_\_\_
- R649-3-3. Exception
- Drilling Unit  
Board Cause No: 173-16  
Eff Date: 1-13-2000  
Siting: \* Gen. St. / Vacates Previous Orders.
- R649-3-11. Directional Drill

COMMENTS: BIA Row # 2000107 e.H. 3/2/2000.

STIPULATIONS: ~~# Surface casing shall be cemented to surface~~ 1) Bloopie line variances must be approved by the Utah State Industrial Commission.

② STATEMENT OF BASIS



**DIVISION OF OIL, GAS AND MINING**  
**APPLICATION FOR PERMIT TO DRILL**  
**STATEMENT OF BASIS**

Operator Name: EOG RESOURCES

Well Name & Number: NORTH CHAPITA 110-32

API Number: 43-047-33628

Location: 1/4,1/4 SW/SE Sec. 32 T. 8S R. 22E

**Geology/Ground Water:**

Enron has proposed setting 200-220 feet of surface casing at this location. The depth to the base of the moderately saline ground water is estimated to be at 700 feet. A search of Division of Water Rights records indicates that one water well is located within a 10,000 foot radius of the center of Section 32. This water well is owned by RN Industries. RN Industries states in the Water Rights file that the intended use for this water is "oil and gas exploration and drilling". The surface formation at this location is the Uinta Formation. The Uinta Formation is made up of interbedded sandstones and shales. The sandstones are not generally continuous over a large area and should not constitute a significant aquifer. The proposed surface casing should adequately protect any useable ground water.

Reviewer: Brad Hill

Date: 7/20/2000

**Surface:**

Surface rights at the proposed location are owned by the Ute Indian Tribe. EOG Resources is responsible for obtaining any rights-of-way or surface permits needed from the Ute Tribe.

Reviewer: Brad Hill

Date: 7/20/2000

**Conditions of Approval/Application for Permit to Drill:**

1. None

Well name:

**7-00 EOG NC 110-32**

Operator: **Enron**  
String type: **Surface**

Project ID:  
43-047-33628

Location: **Uintah Co.**

**Design parameters:**

**Collapse**

Mud weight: 8.400 ppg  
Design is based on evacuated pipe.

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
Surface temperature: 75 °F  
Bottom hole temperature: 78 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 220 ft

Cement top: Surface

**Burst**

Max anticipated surface pressure: 0 psi  
Internal gradient: 0.442 psi/ft  
Calculated BHP 97 psi

No backup mud specified.

**Tension:**

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

Tension is based on buoyed weight.  
Neutral point: 193 ft

Non-directional string.

**Re subsequent strings:**

Next setting depth: 6,300 ft  
Next mud weight: 8.500 ppg  
Next setting BHP: 2,782 psi  
Fracture mud wt: 19.250 ppg  
Fracture depth: 6,300 ft  
Injection pressure 6,300 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	220	9.625	32.30	H-40	ST&C	220	220	8.876	13.9
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	96	1370	14.27	97	2270	23.37	6	254	40.77 J

Prepared RJK  
by: Utah Dept. of Natural Resources

Date: July 19,2000  
Salt Lake City, Utah

**ENGINEERING STIPULATIONS: NONE**

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.  
Collapse is based on a vertical depth of 220 ft, a mud weight of 8.4 ppg The casing is considered to be evacuated for collapse purposes.  
Burst strength is not adjusted for tension.

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

Well name:	<b>7-00 EOG NC 110-32</b>	
Operator:	<b>Enron</b>	Project ID:
String type:	Production	43-047-33628
Location:	Uintah Co.	

**Design parameters:**

**Collapse**

Mud weight: 8.600 ppg  
 Design is based on evacuated pipe.

**Burst**

Max anticipated surface pressure: 0 psi  
 Internal gradient: 0.447 psi/ft  
 Calculated BHP: 3,047 psi

No backup mud specified.

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Tension:**

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

Tension is based on buoyed weight.  
 Neutral point: 5,947 ft

**Environment:**

H2S considered? No  
 Surface temperature: 75 °F  
 Bottom hole temperature: 170 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 220 ft

Cement top: 1,580 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	6820	4.5	10.50	J-55	ST&C	6820	6820	3.927	142.5
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	3047	4010	1.32	3047	4790	1.57	62	132	2.11 J

Prepared RJK  
 by: Utah Dept. of Natural Resources

Date: July 19,2000  
 Salt Lake City, Utah

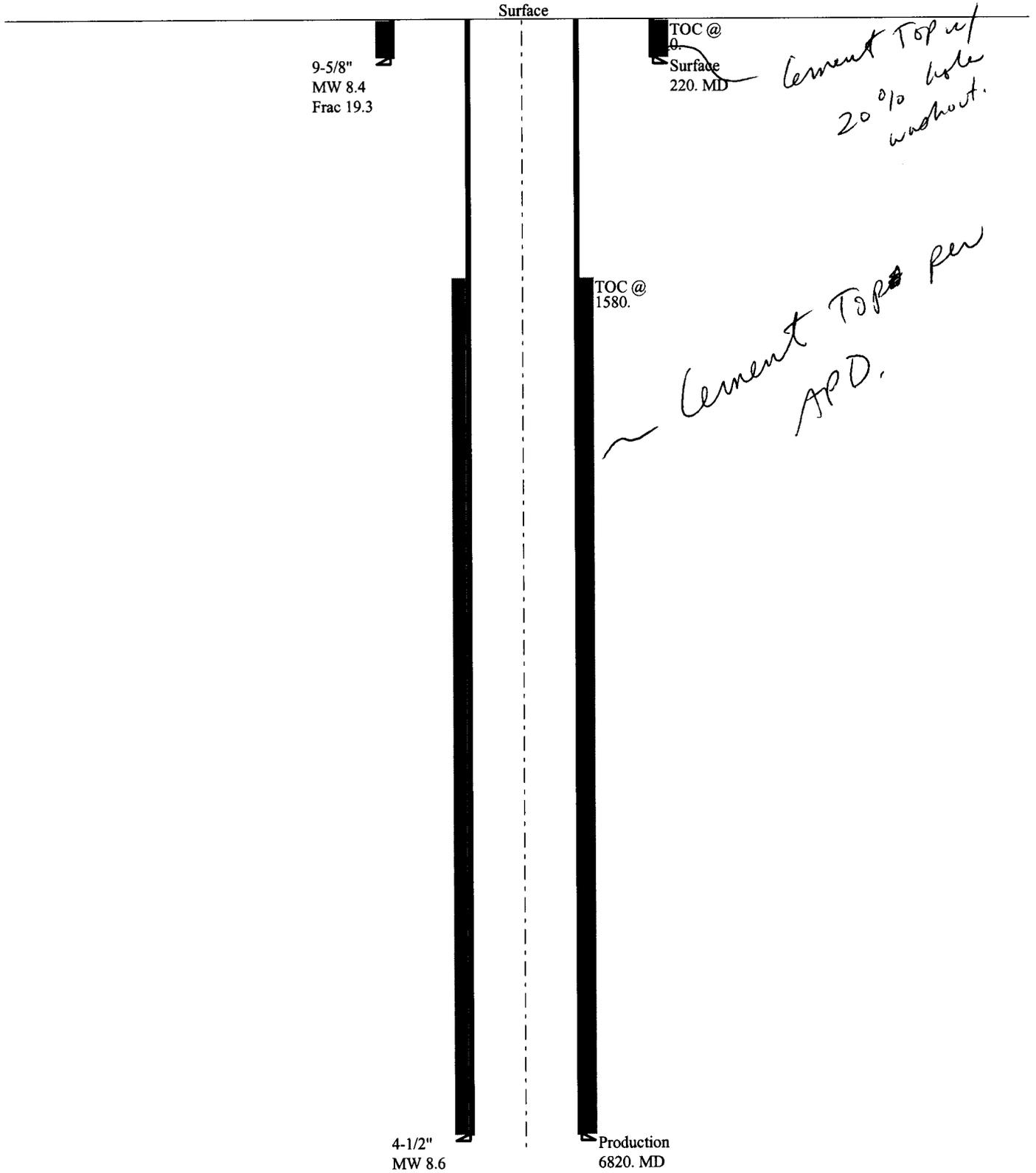
**ENGINEERING STIPULATIONS: NONE**

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.  
 Collapse is based on a vertical depth of 6820 ft, a mud weight of 8.6 ppg The casing is considered to be evacuated for collapse purposes.  
 Burst strength is not adjusted for tension.

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

7-00 EOG NC 110-32

Casing Schematic





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)

July 20, 2000

EOG Resources, Inc.  
PO Box 1815  
Vernal UT 84078

Re: North Chapita 110-32 Well, 660' FSL, 1980' FEL, SW SE, Sec. 32, T. 8 South,  
R. 22 East, Uintah County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-33628.

Sincerely,

A handwritten signature in black ink that reads "John R. Baza".

John R. Baza  
Associate Director

er

Enclosures

cc: Uintah County Assessor  
SITLA

**Operator:** EOG Resources, Inc.  
**Well Name & Number** North Chapita 110-32  
**API Number:** 43-047-33628  
**Lease:** ML-3085

**Location:** SW SE      **Sec.** 32      **T.** 8 South      **R.** 22 East

### **Conditions of Approval**

1.    **General**  
Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.
  
2.    **Notification Requirements**  
The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:
  - 24 hours prior to cementing or testing casing
  - 24 hours prior to testing blowout prevention equipment
  - 24 hours prior to spudding the well
  - within 24 hours of any emergency changes made to the approved drilling program
  - prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

  - Dan Jarvis at (801) 538-5338
  - Robert Krueger at (801) 538-5274 (plugging)
  - Carol Daniels at (801) 538-5284 (spud)
  
3.    **Reporting Requirements**  
All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.
  
4.    Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.
  
5.    Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)
  
6.    Proposed blooie line configuration should meet Utah Occupational Safety & Health Division requirements. Contact them at (801) 530-6901.

SPUDDING INFORMATION

Name of Company: EOG RESOURCES INC

Well Name: NORTH CHAPITA 110-32

Api No. 43-047-33628 LEASE TYPE: STATE

Section 32 Township 08S Range 22E County UINTAH

Drilling Contractor DAL COOK RIG # AIR

SPUDDED:

Date 08/23/2000

Time 3:00 PM

How DRY

Drilling will commence \_\_\_\_\_

Reported by ED TROTTER

Telephone # 1-435-789-4120

Date 08/28/2000 Signed: CHD

OPERATOR: EOG Resources, Inc.  
ADDRESS: P.O. BOX 250  
BIG PINEY, WYOMING 83113

ENTITY ACTION FORM - FORM 6

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SEC.	TP	RG			
A	99999	4905	43.047-33628	NORTH CHAPITA 110-32	SW/SE	32	8S	22E	UINTAH	8/23/2000	9-23-00
1 COMMENTS: 9-15-00 <b>CONFIDENTIAL</b>											
2 COMMENTS: CWU 546-2F, 594-10F & 335-2F NOT SPUD											
3 COMMENTS:											
4 COMMENTS:											
5 COMMENTS:											

ACTIONS CODES (See instructions on back of form)

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

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

Katy Carlson  
Signature  
Regulatory Analyst      9/15/2000  
Title      Date  
Phone No.      (307) 276-3331

Sep-15-00 09:39am From:EOG - BIG PINEY, WY. 3072763335 T-721 P.02/02 F-871

ENTITY ACTION FORM - FORM 6

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SEC.	TP	RG			
A	99999	4905	43-047-33628	NORTH CHAPITA 110-32	SW/SE	32	8S	22E	UINTAH	8/23/2000	
1 COMMENTS: 9-15-00 <b>CONFIDENTIAL</b>											
A	99999	12916	43-047-33669	NORTH CHAPITA 136-33	SW/SW	33	8S	22E	UINTAH	9/16/00	
2 COMMENTS: 10-11-00 <b>CONFIDENTIAL</b>											
B	99999	4905	43-047-33629	CHAPITA WELLS UNIT 335-2F	LOT 4	2	9S	22E	UINTAH	9/8/00	
3 COMMENTS: 10-11-00 <b>CONFIDENTIAL</b>											
B	99999	4905	43-027-33637	CHAPITA WELLS UNIT 597-3F	LOT 1	3	9S	22E	UINTAH	9/21/2000	
4 COMMENTS: 10-11-00 <b>CONFIDENTIAL</b>											
5 COMMENTS:											

ACTIONS CODES (See instructions on back of form)

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

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

STATE OF UTAH

Kate Carlson  
 Signature  
 Regulatory Analyst  
 Title  
 9/15/2000  
 Date  
 (307) 276-3331  
 Phone No.

OPERATOR ACCT. NO. N

Oct-11-00 02:22pm

From-EOG - BIG PINEY, WY.

3072763335

T-118 P.02/02 F-478

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**CONFIDENTIAL**

**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  
**SUBMIT IN TRIPLICATE**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Designation and Serial No. <b>ML 3085</b>
2. Name of Operator <b>EOG Resources, Inc.</b>		6. If Indian, Allottee or Tribe Name <b>UTE TRIBAL LAND</b>
3. Address and Telephone No. <b>P.O. BOX 250, BIG PINEY, WY 83113    (307) 276-3331</b>		7. If Unit or C.A., Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>660' FSL - 1980' FEL (SW/SE) SECTION 32, T8S, R22E</b>		8. Well Name and No. <b>NORTH CHAPITA 110-32</b>
		9. API Well No. <b>43-047-33628</b>
		10. Field and Pool or Exploratory Area <b>STAGECOACH/WASATCH</b>
		11. County                      State <b>UINTAH,                      UTAH</b>

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"/> ABANDONMENT
<input checked="" 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
	<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
	SPUD DATE

(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. spud 11" surface hole at the subject location 8/23//2000. The contractor was Bill Martins Air Drilling. Ed Forsman of the Vernal BLM District office and Carol Daniels of the Utah Division of Oil, Gas & Mining were notified of spud 8/23/2000.

**RECEIVED**

SEP 20 2000

DIVISION OF  
OIL, GAS AND MINING

\*NOTE: EOG Resources, Inc. will be using Nationwide Bond #NM 2308

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

SIGNED Kate Carlson TITLE Regulatory Analyst DATE 9/11/2000

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

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

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

**CONFIDENTIAL**

**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

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil  WELL Gas  Well Other

2. Name of Operator

**EOG Resources, Inc.**

3. Address and Telephone No.

**P.O. BOX 250, BIG PINEY, WY 83113 (307) 276-3331**

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

**660' FSL - 1980' FEL (SW/SE)  
SECTION 32, T8S, R22E**

5. Lease Designation and Serial No.

**ML 3085**

6. If Indian, Allottee or Tribe Name

**UTE TRIBAL LAND**

7. If Unit or C.A., Agreement Designation

8. Well Name and No.

**NORTH CHAPITA 110-32**

9. API Well No.

**43-047-33628**

10. Field and Pool or Exploratory Area

**STAGECOACH/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

NOTICE OF INTENT  
 SUBSEQUENT REPORT  
 FINAL ABANDONMENT NOTICE

ABANDONMENT  
 RECOMPLETION  
 PLUGGING BACK  
 CASING REPAIR  
 ALTERING CASING  
 OTHER

CHANGE OF PLANS  
 NEW CONSTRUCTION  
 NON-ROUTINE FRACTURING  
 WATER SHUT-OFF  
 CONVERSION TO INJECTION

**DISPOSAL OF PRODUCED WATER**

(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. requests authorization for disposal of produced water from the referenced well to any of the following locations:

- Natural Buttes Unit 21-20B SWD
- Ace Disposal
- EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit)

**RECEIVED**

COPIES SENT TO OPERATOR  
DATE 10-20-00  
BY CJD

OCT 23 2000  
DIVISION OF  
OIL, GAS AND MINING

\*NOTE: EOG Resources, Inc. will be using Nationwide Bond #NM 2308

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

SIGNED Doty Carlson TITLE Regulatory Analyst DATE 10/09/2000

(This space for Federal or State office use)

APPROVED BY

Accepted by the  
TITLE **Utah Division of  
Oil, Gas and Mining**

DATE

CONDITIONS OF APPROVAL, IF ANY:

Federal Approval Of This  
Action Is Necessary

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

**FOR RECORD ONLY**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1. LEASE DESIGNATION AND SERIAL NO. ML 3085  
 2. IF INDIAN, ALLOTTEE OR TRIBE NAME UTE TRIBAL LAND  
 3. UNIT AGREEMENT NAME  
 4. FARM OR LEASE NAME NORTH CHAPITA  
 5. WELL NO. 110-32  
 6. FIELD AND POOL, OR WILDCAT STAGECOACH/WASATCH  
 7. SEC., T., R., M., OR BLOCK AND SURVEY SECTION 32, T8S, R22E  
 8. COUNTY OR PARISH UINTAH, 13. STATE UTAH  
 9. PERMIT NO. 43-047-33628  
 10. DATE PERMIT ISSUED 7/20/2000

11. TYPE OF WELL:  
 a. OIL WELL  GAS WELL  DRY  OTHER   
 b. TYPE OF COMPLETION:  
 NEW WELL  WORK OVER  DEEPEN  PLUG BACK  DIFF. RES.  OTHER

12. NAME OF OPERATOR EOG Resources, Inc.  
 13. ADDRESS OF OPERATOR P.O. BOX 250 BIG PINEY, WYOMING 83110  
 14. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)  
 At surface 660' FSL - 1980' FEL (SW/SE)  
 At top prod. interval reported below SAME  
 At total depth SAME

15. DATE SPUDDED 8/23/2000  
 16. DATE T.D. REACHED 9/18/2000  
 17. DATE COMPL. (Ready to prod.) 10/06/2000  
 18. ELEVATIONS (DE, ELEV. TO GR., ETC.) 4739' KB  
 19. ELEV. CASINGHEAD 4723' PREP. GL.

20. TOTAL DEPTH, MD & TVD 6770'  
 21. PLUG, BACK T.D., MD & TVD 6743'  
 22. IF MULTIPLE COMPLETIONS, HOW MANY? 1  
 23. ROTARY TOOLS ROTARY  
 CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)  
 WASATCH 5852' - 6196'

25. WAS DIRECTIONAL SURVEY MADE? NO  
 26. TYPE ELECTRIC AND OTHER LOGS RUN  
 Dipole Sonic Imager, Compensated Neutron, GR & Cement Bond Log, Collar Locator, GR. 10-5-00  
 27. WAS WELL CORED? NO

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24.0# J-55	238'	12-1/4"	100 sx Class "G" cement	NONE
4-1/2"	10.5# J-55	6766'	7-7/8"	400 sx Hi-Lift & 600 sx 50/50 Pozmix.	NONE

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	6629	

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
Interval	Size	Number	Notes	Depth Interval (MD)	Amount and Kind of Material Used
Wasatch	C-9 (Cf)	6174-78', 6183-88' & 6194-96'	All w/3 SPF	6174-6196'	19,236 gals gelled water & 94,000# 20/40 sand.
	C-13 (Basal)	6614-18'		6614-6618'	14,868 gals gelled water & 62,000# 20/40 sand.
	P-8 (Ph) &	5852-60' & 5877-80'		5852-5880'	23,436 gals gelled water & 68,820# 20/40 sand.
	C-5 (Ca)				

33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)				WELL STATUS (Producing or shut-in)	
10/06/2000		FLOWING				PRODUCING	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR	OIL-BBL.	GAS-MCF	WATER-BBL.	GAS-OIL RATIO
10/08/2000	24	14/64"		10 BC	1664 MCFD	17 BW	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED	OIL-BBL.	GAS-MCF	WATER-BBL.	OIL GRAVITY-API (CORR.)	
FTP 1550 psig	CP 1650 psig		10 BC	1664 MCFD	17 BW		
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	
SOLD						JAY ORR	

35. LIST OF ATTACHMENTS

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

SIGNED \_\_\_\_\_ TITLE Regulatory Analyst DATE 10/19/2000

\*(See Instructions and Spaces for Additional Data on Reverse Side)

**RECEIVED**

DIVISION OF  
OIL, GAS AND MINING

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "net":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

## PRIVACY ACT

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

**AUTHORITY:** 30 U.S.C. 181 et. seq., 25 U.S.C. et. seq., 43 CFR 3160

**PRINCIPLE PURPOSE:** The information is to be used to evaluate the actual operations performed in the drilling of an oil or gas well on a Federal or Indian lease.

**ROUTINE USES:** (1) Evaluate the equipment and procedures used during the drilling of the well. (2) The review of geologic zones and formation encountered during drilling. (3) Analyze future applications to drill in light of data obtained and methods used. (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

**EFFECT OF NOT PROVIDING INFORMATION:** Filing of this report and disclosure of hte information is mandatory once an oil or gas well is drilled.

The Paperwork Reduction Act of 1980 (44 U.S.C. 3501, et. seq.) requires us to inform you that:

This information is being collected to allow evaluation of the technical, safety, and environmental factors involved with drilling and producing oil and gas on Federal and Indian oil and gas leases.

This information will be used to analyze operations and compare equipment and procedures actually used with the proposals applied for.

Response to this request is mandatory once an oil or gas well is drilled.

SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; core intervals; and an annul-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	TOP		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Green River	2100'	
				Base "M" Marker	4758'	
				"N" Limestone	4970'	
				Wasatch		
				Peter's Point	5184'	
				P-2 (Pa)	5261'	
				P-8 (Ph)	5775'	
				P-8 (Ph)	5840'	
				Chapita Wells	5868'	
				C-5 (Ca)	5875'	
				C-9 (Cc)	6079'	
				C-9 (Cf)	6171'	
				C-13 (c Basal)	6609'	
				Buck Canyon	6654'	

ENTITY ACTION FORM - FORM 6

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SEC.	TP	RG			
D e	4905	14026	43-047-33628	North Chapita 110-32	SWSE	32	9S	22E	UINTAH	8/23/2000	9/15/00
<i>W2TC</i>										<i>changed 3/4/04</i>	

ACTIONS CODES (See instructions on back of form)

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

NOTE: Use COMMENT section to explain why each Action Code was selected.

*Arlynda Schulz*  
Signature  
Sr. Regulatory Assistant  
Title

3/4/2004

Phone No. (307) 276-4833

MAR 04 2004

F-545 P. 01/01 T-732

307276335

NEY, WY.

From-EOG - B.I.

Mar-04-04 03:41pm