

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

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

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

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

5. Lease designation and serial number
FEE

6. If Indian, Allottee or Tribe name
N/A

7. Unit Agreement Name
C.A. WTK 77383

8. Farm or lease name, well no.
NORTH CHAPITA

9. API Well no.
NORTH CHAPITA 103-5N

10. Field and pool, or wildcat
NORTH CHAPITA

11. Sec., T., R., M., or BLK. and survey or area
SEC. 5, T9S, R22E

12. County or parish
UINTAH

13. State
UTAH

17. No. of acres assigned to this well
80

20. Rotary or cable tools
ROTARY

22. Approx. date work will start
APRIL 2000

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 **NENE 771' FNL & 777' FEL LOT 1 4436487 N**
At proposed prod. Zone **631635E**

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

15. Distance from proposed location to nearest property or lease line, ft.
771'
(Also to nearest drig. Unit line, if any)

16. No. of acres in lease
163.11

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

19. Proposed depth
6660'

21. Elevations (show whether DF, RT, GR, etc.)
4746 FEET GRADED GROUND

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#	6660'	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

CONFIDENTIAL

EOG RESOURCES, INC. WILL BE THE DESIGNATED OPERATOR OF THE SUBJECT WELL UNDER NATIONWIDE BOND #JP 1230

Pc: 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 **3-9-2000**

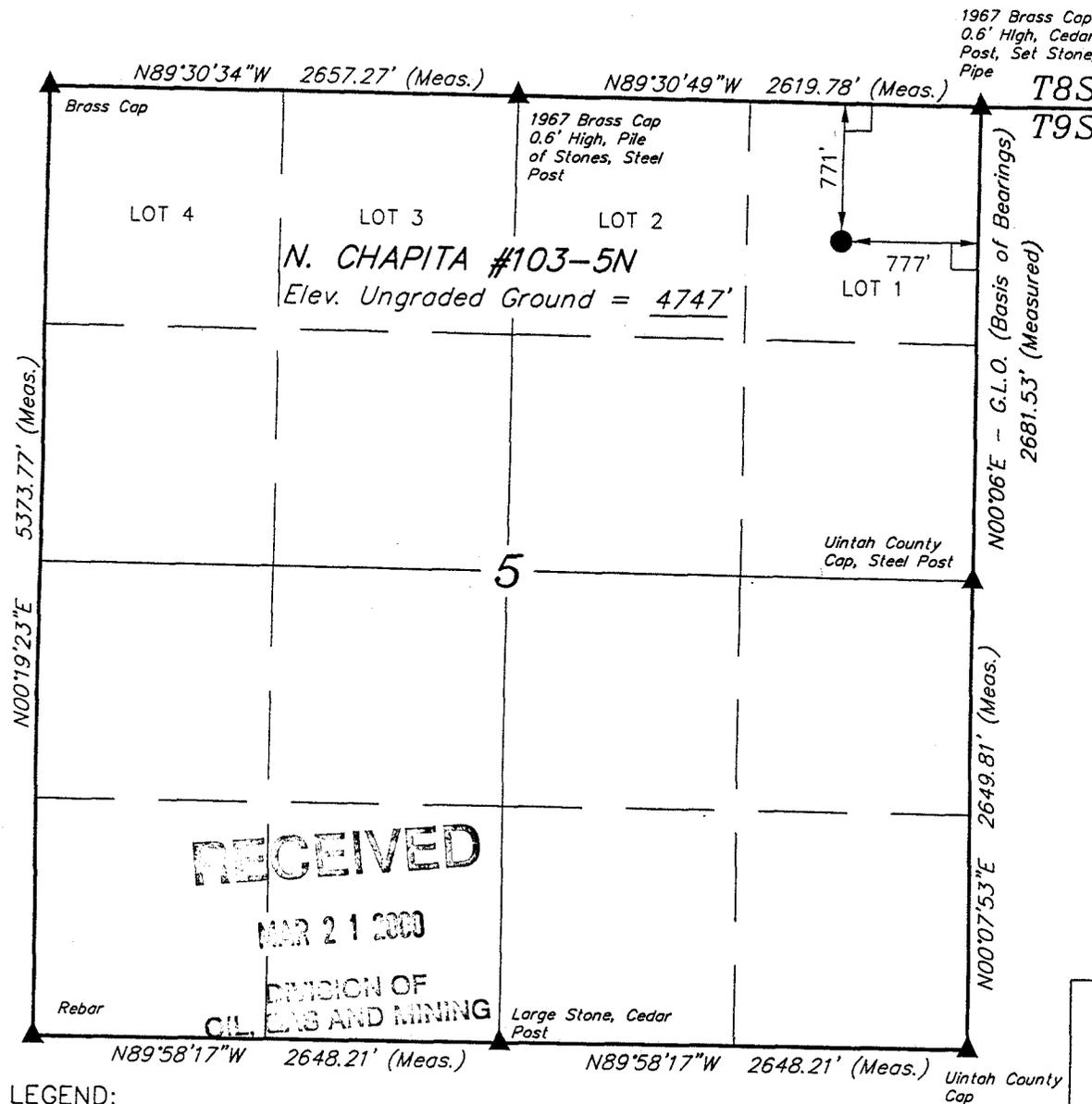
(This space for Federal or State office use)

PERMIT NO. **43-047-33518** APPROVAL DATE **RECEIVED**
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 **MAR 21 2000**
DIVISION OF OIL, GAS AND MINING

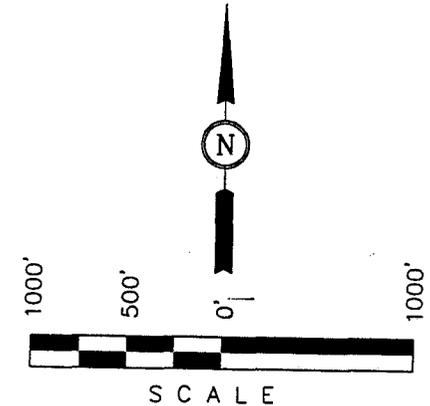
T9S, R22E, S.L.B.&M.

Well location, N. CHAPITA #103-5N, located as shown in Lot 1 of Section 5, T9S, R22E, S.L.B.&M. Uintah County, Utah.



BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHEAST CORNER OF SECTION 5, T9S, R22E, S.L.B.&M. TAKEN FROM THE RED WASH SW, 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 4734 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. Long
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161319
 STATE OF UTAH

LEGEND:

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

LATITUDE = 40°04'13"
 LONGITUDE = 109°27'23"

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

SCALE 1" = 1000'	DATE SURVEYED: 12-23-99	DATE DRAWN: 01-10-00
PARTY G.S. M.A. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE EOG RESOURCES, INC.	

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

March 9, 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 103-5N
LOT 1, SEC. 5, T9S, R22E
UINTAH COUNTY, UTAH
LEASE NO.: FEE
SURFACE OWNER:
EUGENE L. BUCKLEY, ET UX

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

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**DIVISION OF
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EIGHT POINT PLAN

NORTH CHAPITA 103-5N

Lot 1, SEC. 5, T9S, R22E

UINTAH COUNTY, UTAH

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

FORMATION	DEPTH	TYPE ZONES	MAXIMUM PRESSURE
Green River	2107		
Oil Shale	2107		
"H" Marker	3577		
"J" Marker	4242		
Base "M" Marker	4772		
Wasatch	5172		
Peters Point	5172	GAS	
Chapita Wells	5797	GAS	
Buck Canyon	6462	GAS	

EST. TD 6660 Anticipated BHP 2900 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' - 6660'	6660'	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 103-5N
LOT 1, SEC. 5, T9S, R22E
UINTAH COUNTY, UTAH

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'+/-.

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 T.D. to base of surface casing
FDC-CNL-GR-Cal-PE T.D. to 4600'

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 103-5N
LOT 1, SEC. 5, T9S, 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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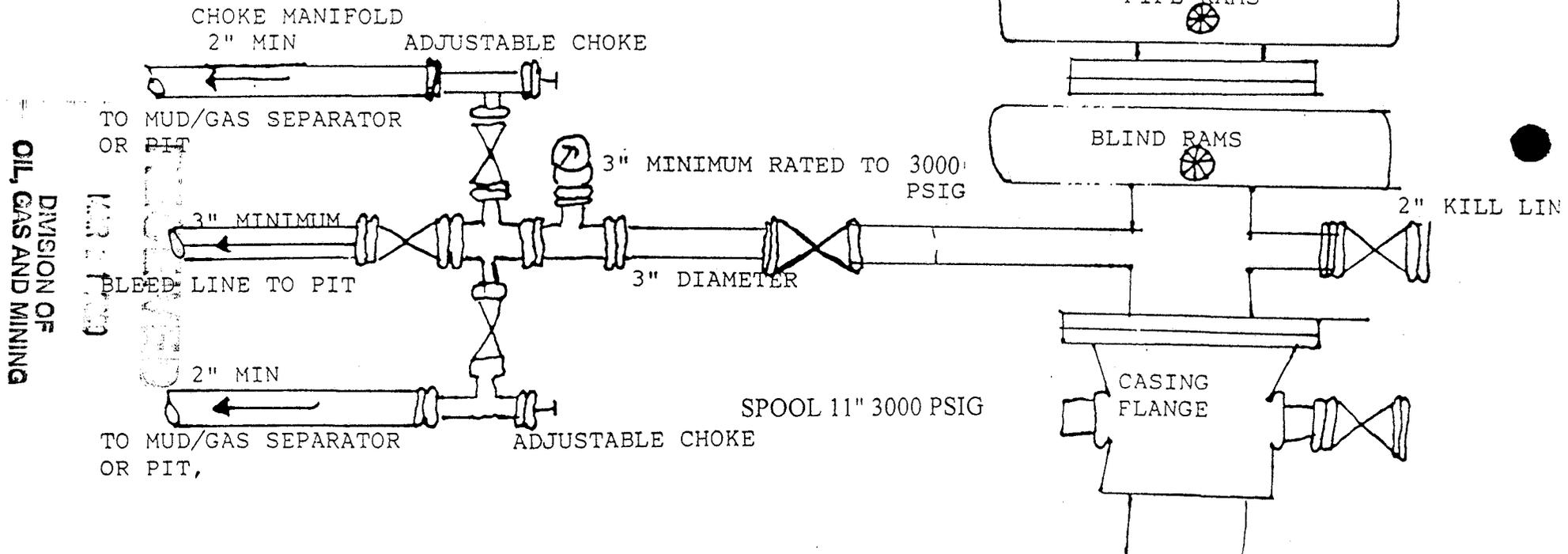
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3000 PSIG DIAGRAM

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.



**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 103-5N
Lease Number: FEE
Location: 771' FNL & 777' FEL, Lot 1, Sec. 5, T9S, R22E,
S.L.B.&M., Uintah County, Utah

Surface Ownership: Eugene L. Buckley, et. ux.

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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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 13.1 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 100 feet 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

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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 - 4*
- 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 attaching 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 4 1/2" OD steel above ground natural gas pipeline will be laid approximately 175' from proposed location to a point in the NE/4 of Section 5, T9S, R22E, where it will tie into Questar Pipeline Co.'s existing line. Proposed pipeline crosses Fee lands within the Chapita Wells Unit, thus a Right-of-Way grant will be required.
- 3. Proposed pipeline will be a 4 1/2" OD steel, welded line laid on the surface.

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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 East end of the location.

5. **LOCATION & TYPE OF WATER SUPPLY**

- A. Water supply will be from permitted water source. 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. 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 an approved waste disposal facility.
 4. 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.

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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.

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

The reserve pit shall not 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 North side of the location. The flare pit will be located downwind of the prevailing wind direction on the North 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 on the Northeast corner of the location.

Access to the well pad will be from the West.

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 _____.

N/A 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).

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- 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.

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.

11. SURFACE OWNERSHIP

Access road: Eugene L. Buckley, et ux

Location: Eugene L. Buckley, et ux

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.

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-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.

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.

LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION

<u>OPERATIONS</u>		<u>PERMITTING</u>
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.

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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.

3-9-2000
Date

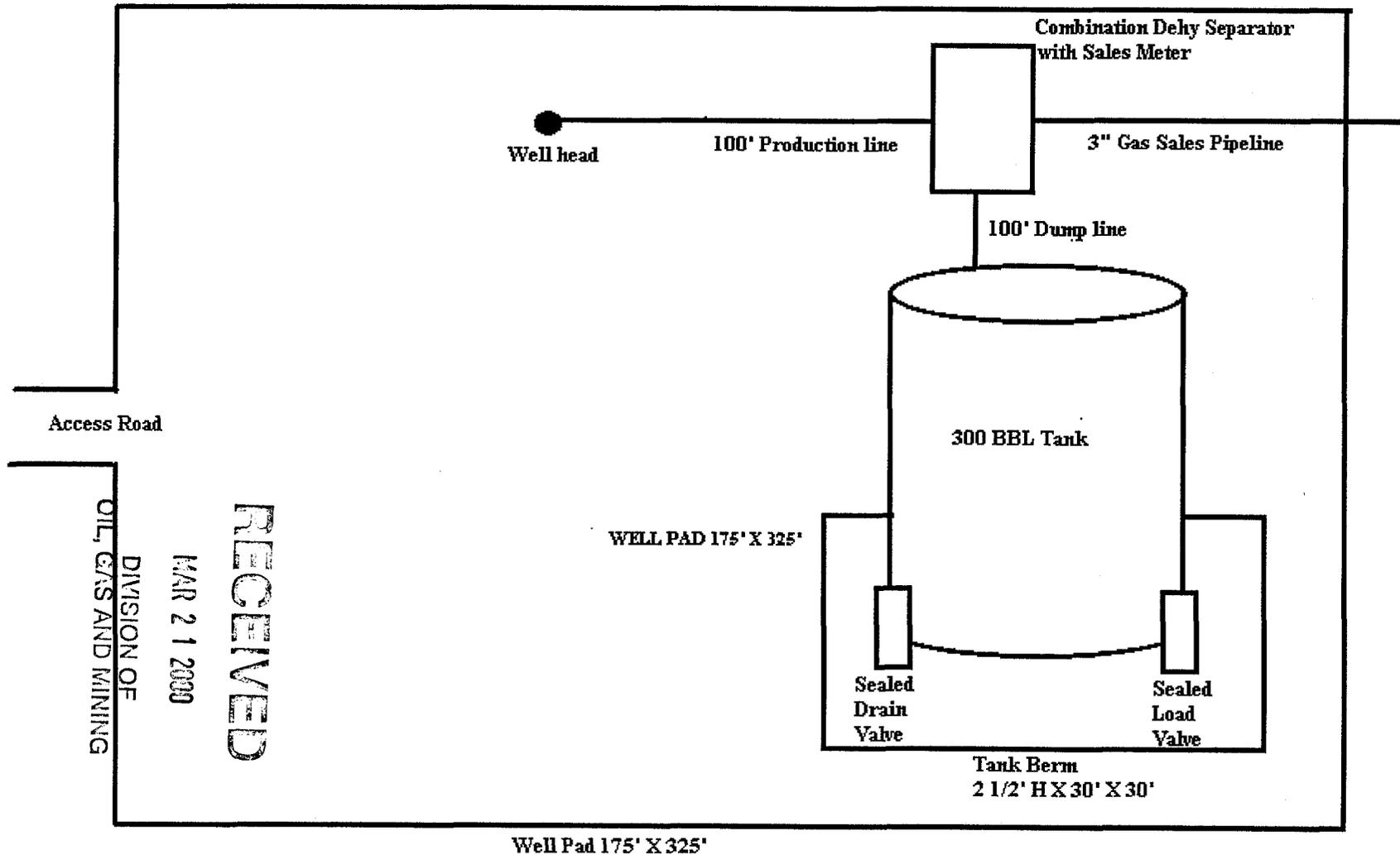

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**SITE FACILITY DIAGRAM
NORTH CHAPITA 103-5N
SECTION 5, T9S, R22 E, LOT 1
UINTAH COUNTY, UTAH
FEE LEASE**



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



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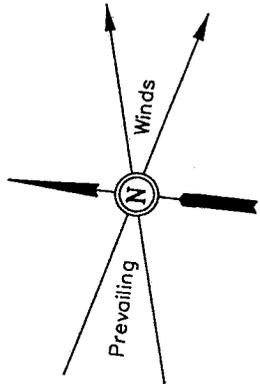
Well Pad 175' X 325'

EOG RESOURCES, INC.

LOCATION LAYOUT FOR

N. CHAPITA #103-5N
SECTION 5, T9S, R22E, S.L.B.&M.
771' FNL 777' FEL

Existing Pipeline



SCALE: 1" = 50'
DATE: 01-10-00
Drawn By: D.R.B.

NOTE:

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

El. 47.3'
C-9.2'
(btm. pit)
FLARE PIT

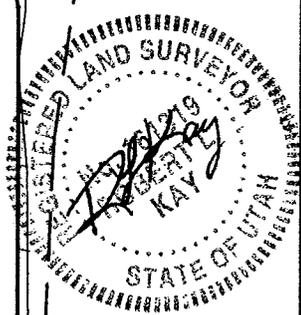
C-3.4'
El. 49.5'

C-5.9'
El. 52.0'

F-4.0'
El. 42.1'

Sta. 3+25

Approx. Toe of Fill Slope



Approx. Top of Cut Slope

Sta. 1+50

C-2.4'
El. 48.5'

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Sta. 0+00

El. 47.2'
C-9.1'
(btm. pit)

El. 44.1'
F-2.0'

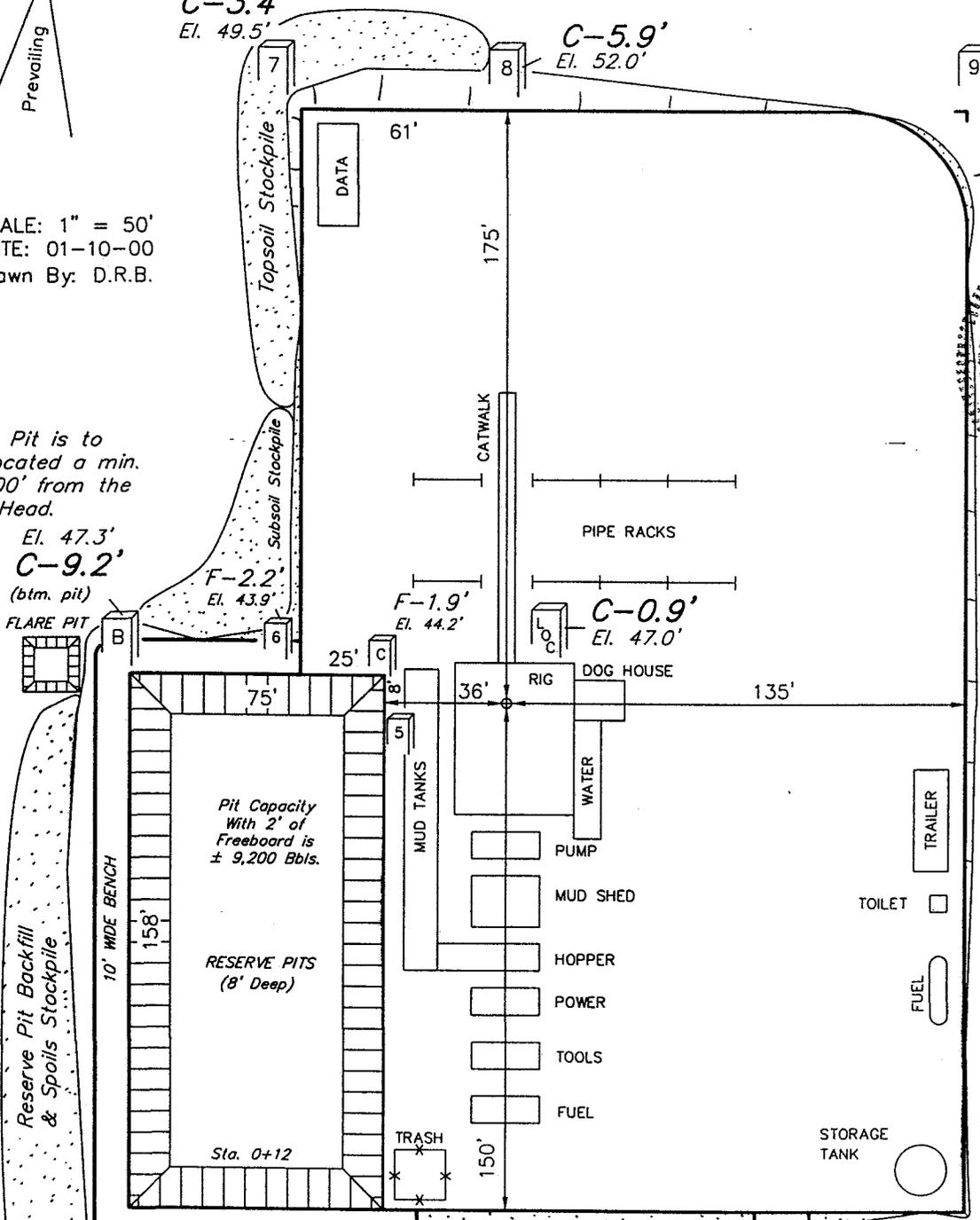
F-3.7'
El. 42.4'

C-1.0'
El. 47.1'

Proposed Access Road

Elev. Ungraded Ground at Location Stake = 4747.0'
Elev. Graded Ground at Location Stake = 4746.1'

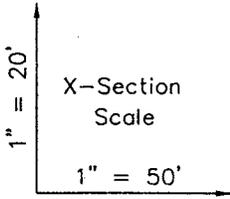
Glen Bench Road
UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017



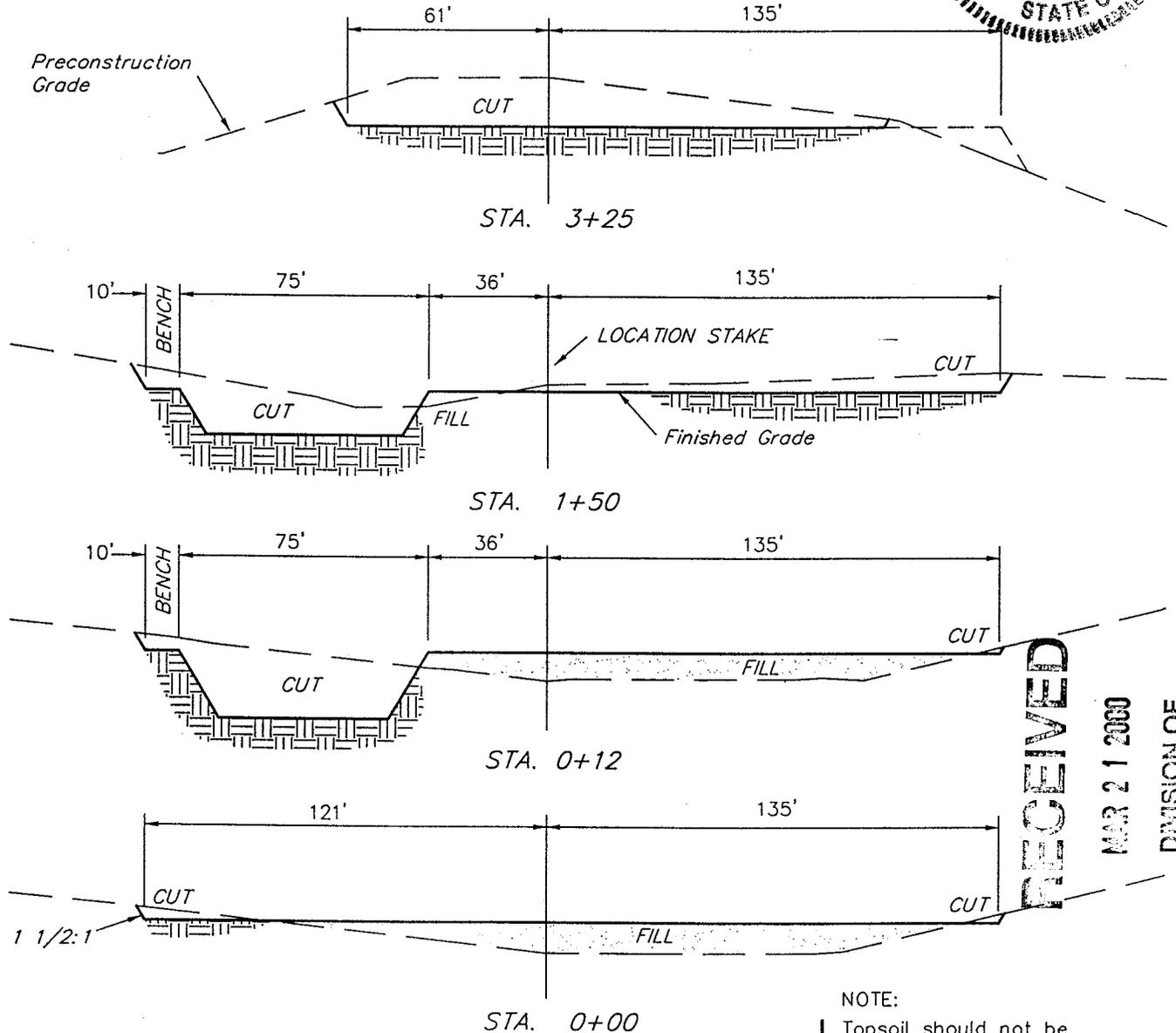
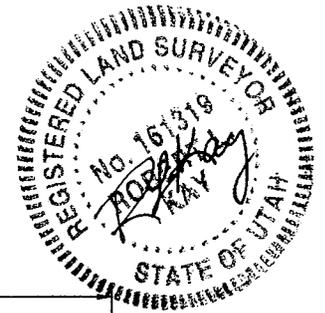
EOG RESOURCES, INC.

TYPICAL CROSS SECTIONS FOR

N. CHAPITA #103-5N
SECTION 5, T9S, R22E, S.L.B.&M.
771' FNL 777' FEL



DATE: 01-10-00
Drawn By: D.R.B.



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MAR 21 2000

DIVISION OF
OIL, GAS AND MINING

NOTE:

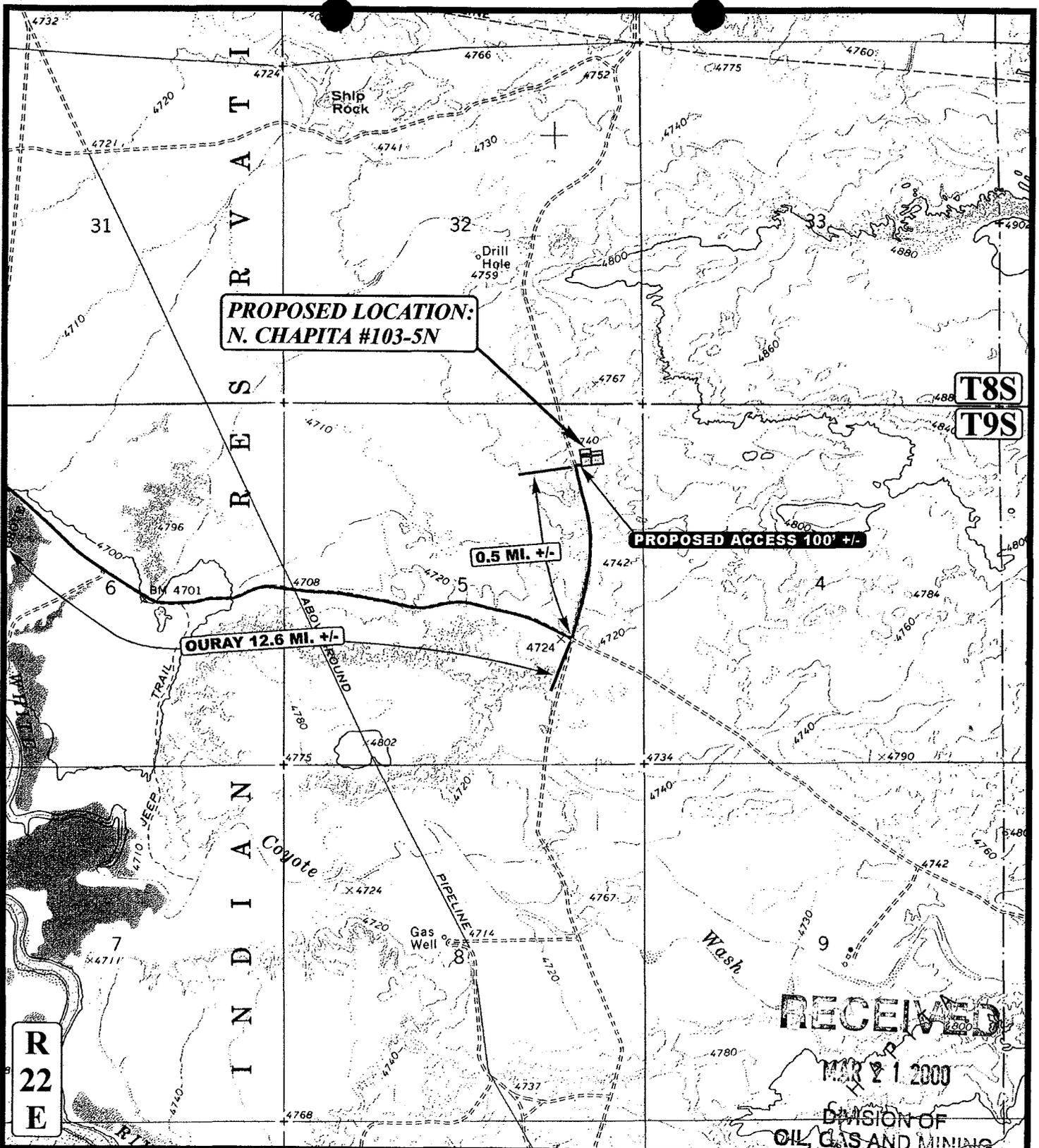
Topsoil should not be Stripped Below Finished Grade on Substructure Area.

APPROXIMATE YARDAGES

(12") Topsoil Stripping	=	2,770 Cu. Yds.
Remaining Location	=	4,040 Cu. Yds.
TOTAL CUT	=	6,810 CU.YDS.
FILL	=	2,540 CU.YDS.

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.



T8S
T9S

R
22
E

RECEIVED

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DIVISION OF
OIL, GAS AND MINING

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING ROAD



EOG RESOURCES, INC.

N. CHAPITA #103-5N
SECTION 5, T9S, R22E, S.L.B.&M.
771' FNL 777' FEL



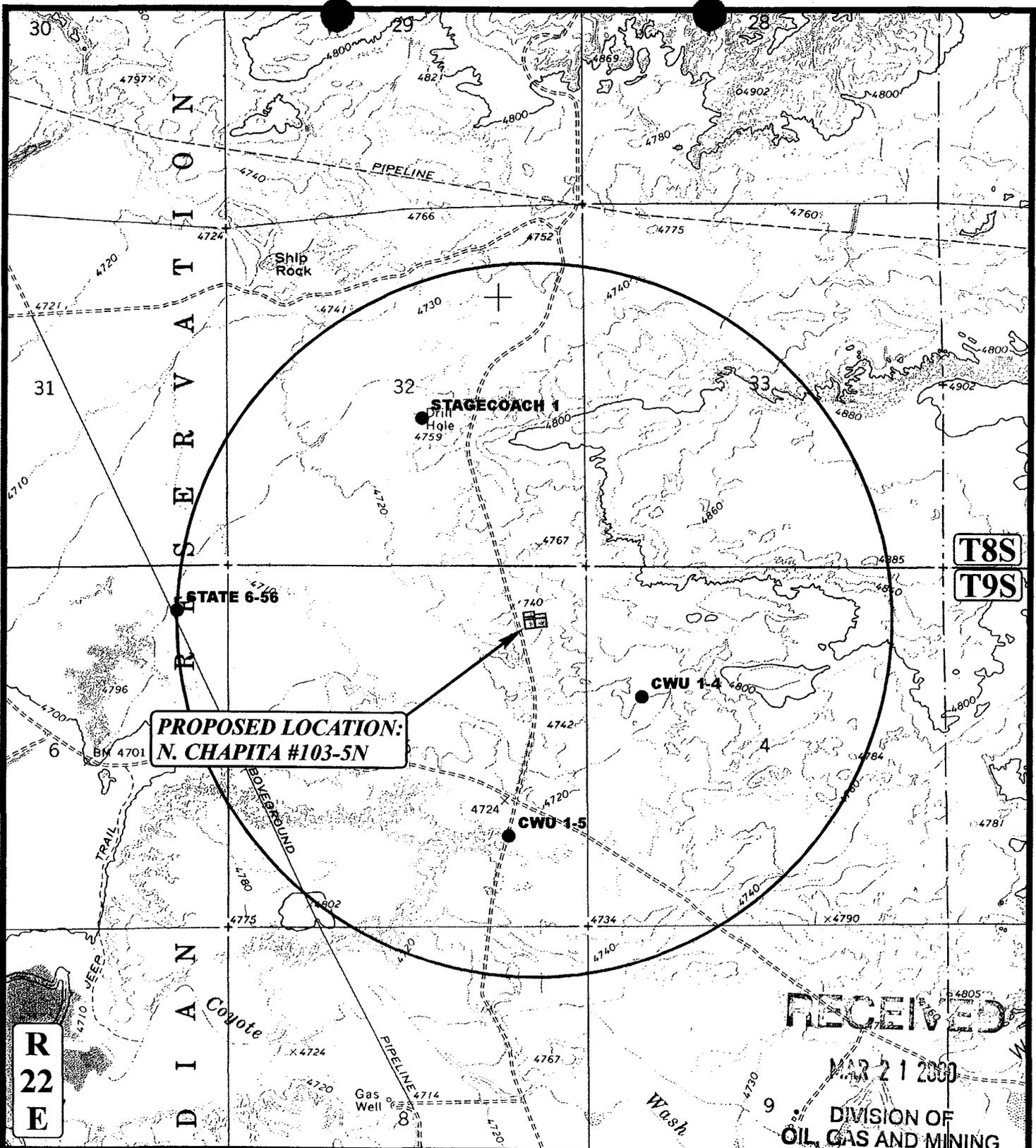
Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

1	7	00
MONTH	DAY	YEAR

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

B
 TOPO



**PROPOSED LOCATION:
N. CHAPITA #103-5N**

**T8S
T9S**

**R
22
E**

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DIVISION OF
OIL, GAS AND MINING

LEGEND:

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

EOG RESOURCES, INC.

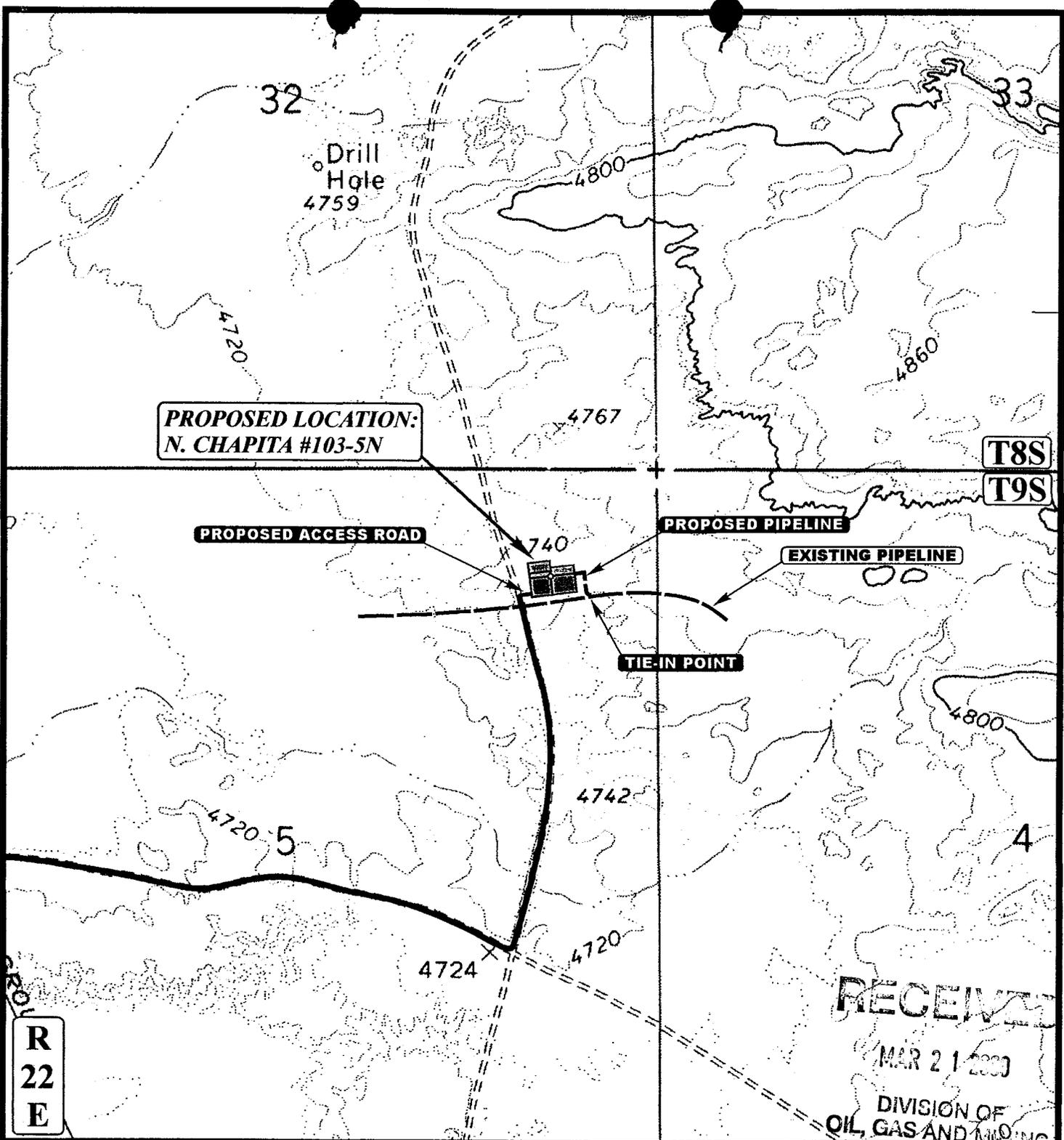
**N. CHAPITA #103-5N
SECTION 5, T9S, R22E, S.L.B.&M.
771' FNL 777' FEL**



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

TOPOGRAPHIC 1 7 00
MAP MONTH DAY YEAR
SCALE: 1" = 2000' DRAWN BY: C.G. REVISED: 00-00-00





APPROXIMATE TOTAL PIPELINE DISTANCE = 175' +/-

LEGEND:

- EXISTING PIPELINE
- PROPOSED PIPELINE
- PROPOSED ACCESS

EOG RESOURCES, INC.

N. CHAPITA #103-5N
 SECTION 5, T9S, R22E, S.L.B.&M.
 771' FNL 777' 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 7 DAY 00 YEAR
 SCALE: 1" = 1000' DRAWN BY: C.G. REVISED: 00-00-00
D
 TOPO

RECEIVED
 MAR 21 2000
 DIVISION OF OIL, GAS AND MINING

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 03/21/2000

API NO. ASSIGNED: 43-047-33518

WELL NAME: NORTH CHAPITA 103-5N
 OPERATOR: EOG RESOURCES INC (N9550)
 CONTACT: ED TROTTER, AGENT

PHONE NUMBER: 435-789-4120

PROPOSED LOCATION:

NENE 05 090S 220E
 SURFACE: 0771 FNL 0777 FEL
 BOTTOM: 0771 FNL 0777 FEL
 UINTAH
 NATURAL BUTTES (630)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	<i>RJK</i>	4-18-00
Geology		
Surface		

LEASE TYPE: 4-Fee
 LEASE NUMBER: FEE
 SURFACE OWNER: 4-Fee

PROPOSED FORMATION: WSTC

RECEIVED AND/OR REVIEWED:

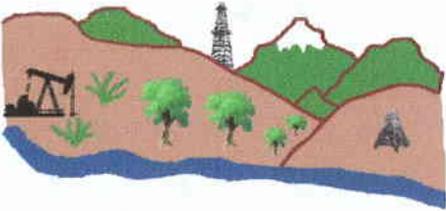
- Flat
- Bond: Fed[] Ind[] Sta[] Fee[4]
(No. QT 1230)
- Potash (Y/N)
- Oil Shale (Y/N) *190 - 5 (B)
- Water Permit
(No. Municipal)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)

LOCATION AND SITING:

- R649-2-3. Unit _____
- R649-3-2. General
- Siting: _____
- R649-3-3. Exception
- Drilling Unit
Board Cause No: 173-16 (8/320')
Eff Date: 1-13-2000
Siting: 1/4 mi. fr. Dr. Unit Boundary & 920' between wells.
- R649-3-11. Directional Drill

COMMENTS: Need Presite. (Conducted 4-6-00)

STIPULATIONS: ① surface casing shall be cemented to surface.
② STATEMENT OF BASIS
③ In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rule R649-3-31 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing in properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.



Utah Oil Gas and Mining

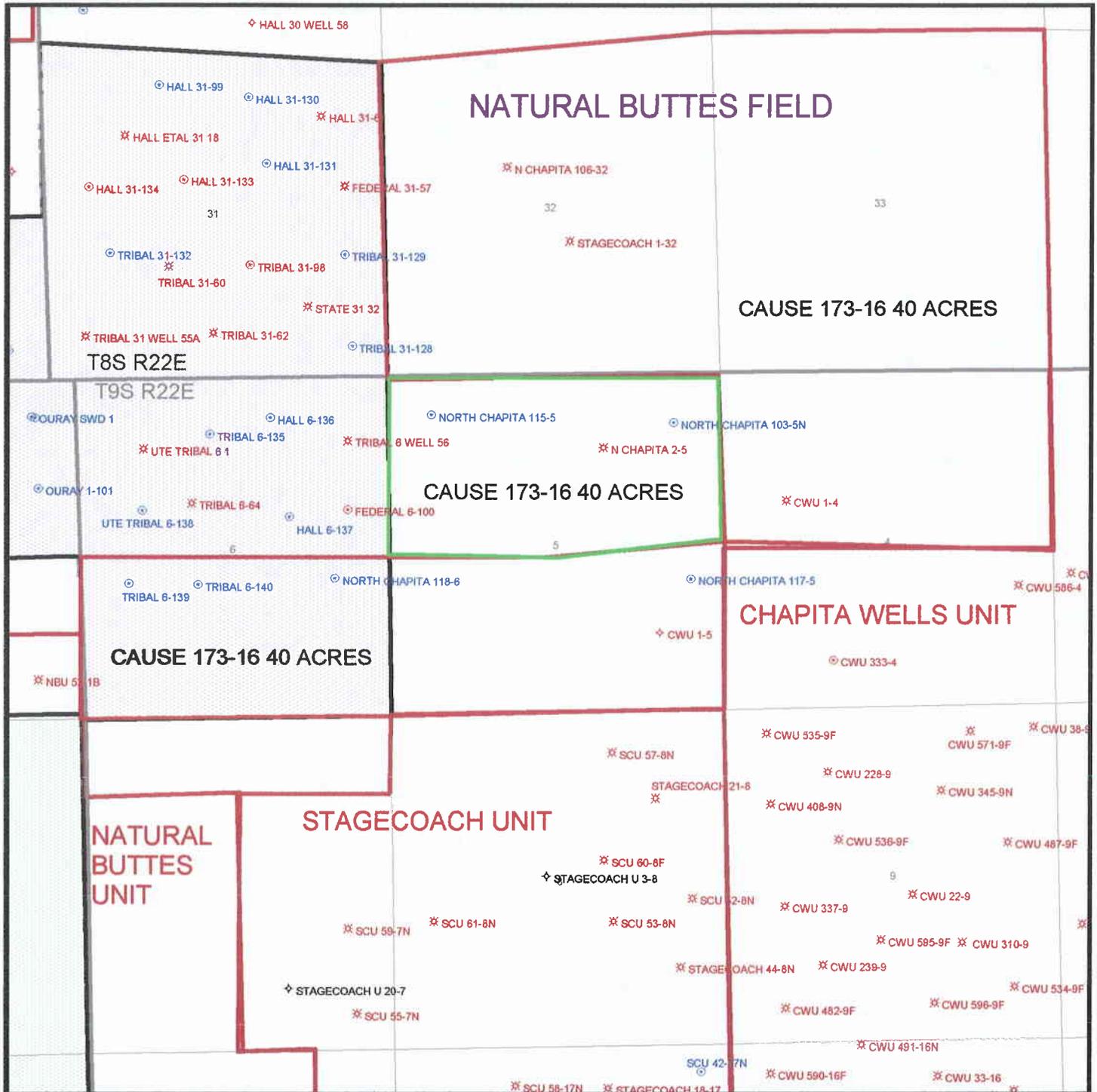
Serving the Industry, Protecting the Environment

OPERATOR: EOG RESOURCES INC. (N9550)

FIELD: NATURAL BUTTES (630)

SEC. 5 & 6, T 9 S, R 20 E

COUNTY: UINTAH CAUSE No: 173-16 40 ACRES



PREPARED
DATE: 23-Mar-2000

FAX COVER SHEET

FROM: ED TROTTER

FAX NO. 435-789-1420

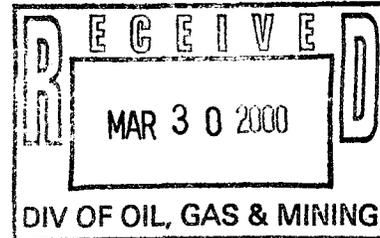
TELEPHONE NO. 435-789-4120

TO: UDOG & M

FAX NO. 801-359-3940

ATTENTION: LESHA CORDOVA

DATE: 3-30-2000



TOTAL NUMBER OF PAGES INCLUDING COVER PAGE: 3

All information contained in this facsimile is confidential and is solely directed to the above named recipient. If you receive this fax in error, or there is a problem with the transmission, please call: 1-435-789-4120. Thank you.

Encls.

Attached please find a copy of the surface agreement for the North Chapita 103-5N and the water supply we will be using for the SCU 42-17, North Chapita 103-5N, North Chapita 115-5 and North Chapita 118-6.

Thank you,

AGREEMENT

KNOW ALL MEN ABY THESE PRESENTS THAT:

In consideration of the sum of \$10.00, and other good and valuable considerations, the receipt of which is due within (10) working days of receipt of this ~~agreement~~ agreement, I, the undersigned hereby grant Operator, its employees, agents and contractors, a right-of-way to construct a drilling location, access road and pipeline for the North Chapita 103-5N well in Lot 1, Section 5, Township 9 South, Range 22 East, S.L.B.M., Uintah County, Utah. Said location and right-of-way on this property will ~~comprise~~ approximately 3.691 acres.

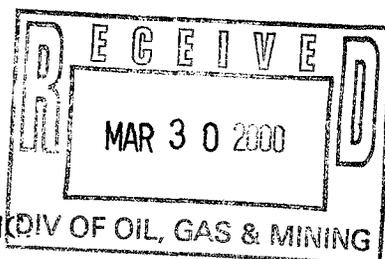
If the well is not a producer, the access road and location will be reclaimed and ~~sowed~~ sowed with a seed mixture common to the area.

If the well is a producer, the reclamation and seeding will take place at such time as the well is abandoned.

I, the undersigned, do hereby further agree that the payment and acceptance of the consideration set forth above is in full and complete payment, settlement, compromise and satisfaction of any and all losses, liabilities, claims, damages, demands and causes of action accrued or accruing to the undersigned, their respective employees and/or tenants arising directly or indirectly in connection with the above-mentioned operations by Operator, its employees, agents and contractors and that such payment is in no way an admission of liability by Operator, its employees, agents and contractors.

Further, I covenant that I am the recorded owner of this property and have the legal authority to enter into this agreement.

EXECUTED this 23rd Day of March, 2000.



EOG RESOURCES, INC. DIV OF OIL, GAS & MINING

Ed Trotter
Ed Trotter, Agent

Eugene L. Buckley
Eugene L. Buckley
P.O. Box 42098
Las Vegas, NV 89116-09080

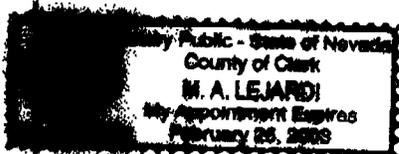
Patricia Buckley
Patricia Buckley

STATE OF NEVADA, COUNTY OF CLARK

This instrument is acknowledged before me on March 27, 2000 by Eugene L. Buckley and Patricia Buckley.

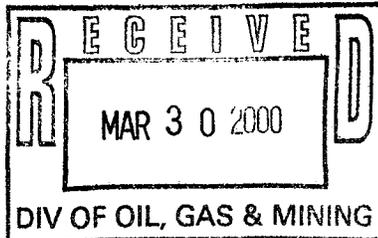
[Signature]
Notary Public

COMMISSION EXPIRES: 2/26/2003



5. LOCATION & TYPE OF WATER SUPPLY

- A. Water supply will be from the Ouray Municipal water plant at Ouray, Utah, and/or Target Trucking Inc.'s water source in the SW/SW, Sec. 35, T9S, R22E, Uintah County, Utah (State Water Right #49-1501). 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.



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

Operator Name: ENRON OIL & GAS CO.

Well Name & Number: NORTH CHAPITA 103-5N

API Number: 43-047-33518

Location: 1/4,1/4 NE/NE Sec. 5 T. 9S R. 22E

Geology/Ground Water:

Enron has proposed setting 200 feet of surface casing at this location. The depth to the base of the moderately saline ground water is estimated to be at 300 feet. A search of Division of Water Rights records indicates that one water well is located within a 10,000 foot radius of the proposed well. This water well is owned by RN Industries. 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: 4/24/2000

Surface:

The pre-drill investigation of the surface was performed on 4/6/00. Surface owner is Eugene Buckley. I was not able to notify Mr. Buckley but Ed Trotter with Enron told me that a landowner agreement has been signed. A power line follows the Glen Bench county road directly adjacent to this site to the west. An existing pipeline is just adjacent to this site to the south. Site is a legal location per general state siting rule. This site appears to be the best spot for a location in the immediate area.

Reviewer: David W. Hackford

Date: 4/18/00

Conditions of Approval/Application for Permit to Drill:

1. A synthetic liner with a minimum thickness of 12 mils shall be properly installed in the reserve pit.

Well name:	4-00 EOG NC 103-5N	
Operator:	EOG	Project ID:
String type:	Surface	43-047-33518
Location:	Uintah Co.	

Design parameters:

Collapse

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

Burst

Max anticipated surface pressure: 0 psi
 Internal gradient: 0.442 psi/ft
 Calculated BHP: 97 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: 193 ft

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

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: April 18,2000
 Salt Lake City, Utah

ENGINEERING STIPULATIONS: SURFACE CASING SHALL BE CEMENTED TO SURFACE.
 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:	4-00 EOG NC 103-5N	
Operator:	EOG	Project ID:
String type:	Production	43-047-33518
Location:	Uintah Co.	

Design parameters:

Collapse

Mud weight: 8.600 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: 168 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 220 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 0 psi
 Internal gradient: 0.447 psi/ft
 Calculated BHP 2,975 psi

No backup mud specified.

Tension:

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

Non-directional string.

Tension is based on buoyed weight.
 Neutral point: 5,807 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	6660	4.5	10.50	J-55	ST&C	6660	6660	3.927	139.2
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	2975	4010	1.35	2975	4790	1.61	61	132	2.16 J

Prepared RJK
 by: Utah Dept. of Natural Resources

Date: April 18,2000
 Salt Lake City, Utah

ENGINEERING STIPULATIONS: SURFACE CASING SHALL BE CEMENTED TO SURFACE.

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.
 Collapse is based on a vertical depth of 6660 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.

ON-SITE PREDRILL EVALUATION
Division of Oil, Gas and Mining

OPERATOR: ENRON OIL & GAS CO.
WELL NAME & NUMBER: NORTH CHAPITA 103-5N
API NUMBER: 43-047-33518
LEASE: FEE FIELD/UNIT: OURAY
LOCATION: 1/4, 1/4 NE/NE SEC: 5 TWP: 9S RNG: 22E
777' F E L 771' F N L
LEGAL WELL SITING: Board Spaced area requiring
460 Setback from unit boundary.
GPS COORD (UTM): 12631545E 4436711N
SURFACE OWNER: EUGENE BUCKLEY
PARTICIPANTS: ED TROTTER (ENRON), DAVID HACKFORD (DOGM).

REGIONAL/LOCAL SETTING & TOPOGRAPHY:

SITE IS JUST EAST OF THE GLEN BENCH COUNTY ROAD IN AN AREA OF
ROLLING HILLS WITH SHALLOW DRAWS DRAINING THRU A CULVERT UNDER
THE COUNTY ROAD TO THE WEST.

SURFACE USE PLAN:

CURRENT SURFACE USE: WILDLIFE AND LIVESTOCK GRAZING.
HUNTING.

PROPOSED SURFACE DISTURBANCE: LOCATION WOULD BE 325' BY 246'
AND ACCESS ROAD WOULD BE 100 FEET.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: SEE
ATTACHED MAP FROM GIS DATABASE

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: _____
ALL PRODUCTION FACILITIES WILL BE ON LOCATION AND ADDED
AFTER DRILLING WELL. GAS PIPELINE WILL TIE INTO EXISTING
PIPELINE ADJACENT TO SITE.

SOURCE OF CONSTRUCTION MATERIAL: ALL CONSTRUCTION MATERIAL
WILL BE BORROWED FROM SITE DURING CONSTRUCTION OF LOCATION.

ANCILLARY FACILITIES: NONE WILL BE REQUIRED.

WASTE MANAGEMENT PLAN:

DRILLED CUTTINGS WILL BE SETTLED INTO RESERVE PIT. LIQUIDS
FROM PIT WILL BE ALLOWED TO EVAPORATE. FORMATION WATER WILL
BE CONFINED TO STORAGE TANKS. SEWAGE FACILITIES, STORAGE
AND DISPOSAL WILL BE HANDLED BY COMMERCIAL CONTRACTOR. TRASH
WILL BE CONTAINED IN TRASH BASKETS AND HAULED TO AN APPROVED
LAND FILL.

ENVIRONMENTAL PARAMETERS:

AFFECTED FLOODPLAINS AND/OR WETLANDS: NONE

FLORA/FAUNA: NATIVE GRASSES, GREASEWOOD, PRICKLY PEAR, CHEAT GRASS, SHADSCALE: RODENTS, COYOTES, SONGBIRDS, RAPTORS, PRONGHORN.

SOIL TYPE AND CHARACTERISTICS: VERY LIGHT SANDY CLAY.

EROSION/SEDIMENTATION/STABILITY: VERY LITTLE NATURAL EROSION. SEDIMENTATION AND STABILITY ARE NOT A PROBLEM AND LOCATION CONSTRUCTION SHOULDN'T CAUSE ANY INCREASE IN STABILITY OR EROSION PROBLEMS.

PALEONTOLOGICAL POTENTIAL: NONE OBSERVED.

RESERVE PIT:

CHARACTERISTICS: 158' BY 75' AND 8' DEEP.

LINER REQUIREMENTS (Site Ranking Form attached): A 12 MIL LINER WILL BE REQUIRED FOR RESERVE PIT.

SURFACE RESTORATION/RECLAMATION PLAN:

AS PER LANDOWNER AGREEMENT OR AS DIRECTED BY DIVISION.

SURFACE AGREEMENT: A SURFACE AGREEMENT HAS BEEN SIGNED.

CULTURAL RESOURCES/ARCHAEOLOGY: SITE IS ON FEE SURFACE.

OTHER OBSERVATIONS/COMMENTS:

THE PRE-DRILL INVESTIGATION TOOK PLACE ON 4/6/00, A COOL, WINDY DAY WITH NO SNOW COVER.

ATTACHMENTS:

PHOTOS OF SITE WILL BE PLACED ON FILE.

DAVID W. HACKFORD
DOGM REPRESENTATIVE

4/6/00 11:00 AM
DATE/TIME

**Evaluation Ranking Criteria and Ranking Score
For Reserve and On-site Pit Liner Requirements**

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>5</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>0</u>
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	15	<u>0</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u>0</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>0</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	15	
TDS >10000 or Oil Base	20	
Mud Fluid containing high levels of hazardous constituents		<u>5</u>
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	<u>0</u>
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
Presence of Nearby Utility		
Conduits		
Not Present	0	
Unknown	10	
Present	15	<u>15</u>
Final Score		<u>25</u>



UTAH DIVISION OF WATER RIGHTS
 NWPLAT POINT OF DIVERSION LOCATION PROGRAM

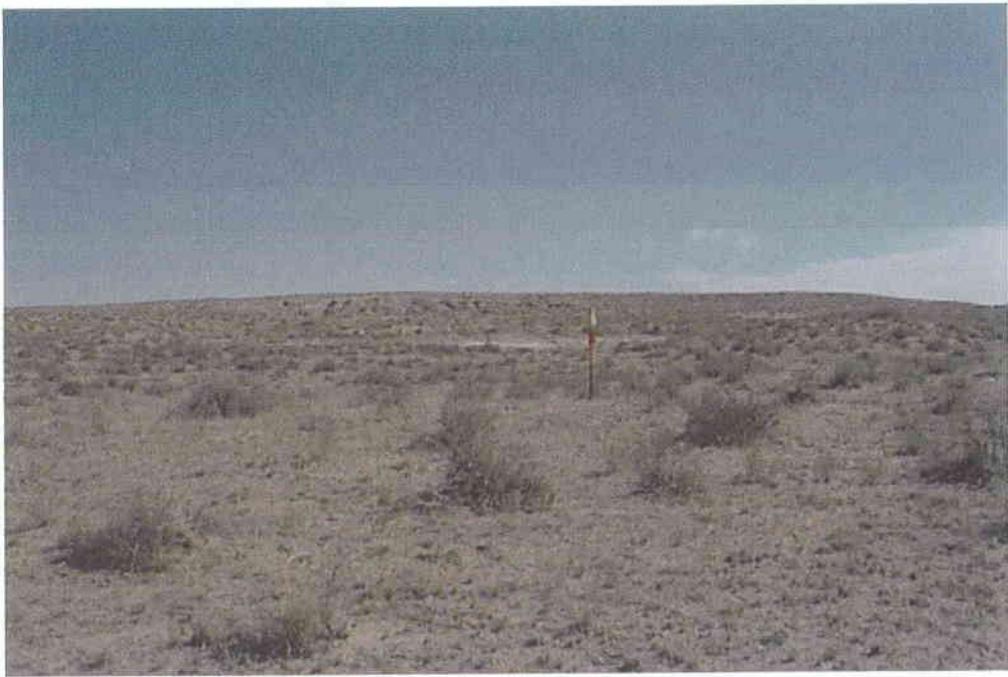
MAP CHAR	WATER RIGHT	QUANTITY CFS AND/OR AC-FT	SOURCE DESCRIPTION or WELL INFO DIAMETER DEPTH YEAR LOG	POINT OF DIVERSION DESCRIPTION NORTH EAST CNR SEC TWN RNG B&M
0	49 1645	.0700 OR WATER USE(S): OTHER R.N. Industries	50.00 Under ground water well P.O. Box 98	S 100 E 850 N4 5 9S 22E SL PRIORITY DATE: 04/10/200 Roosevelt

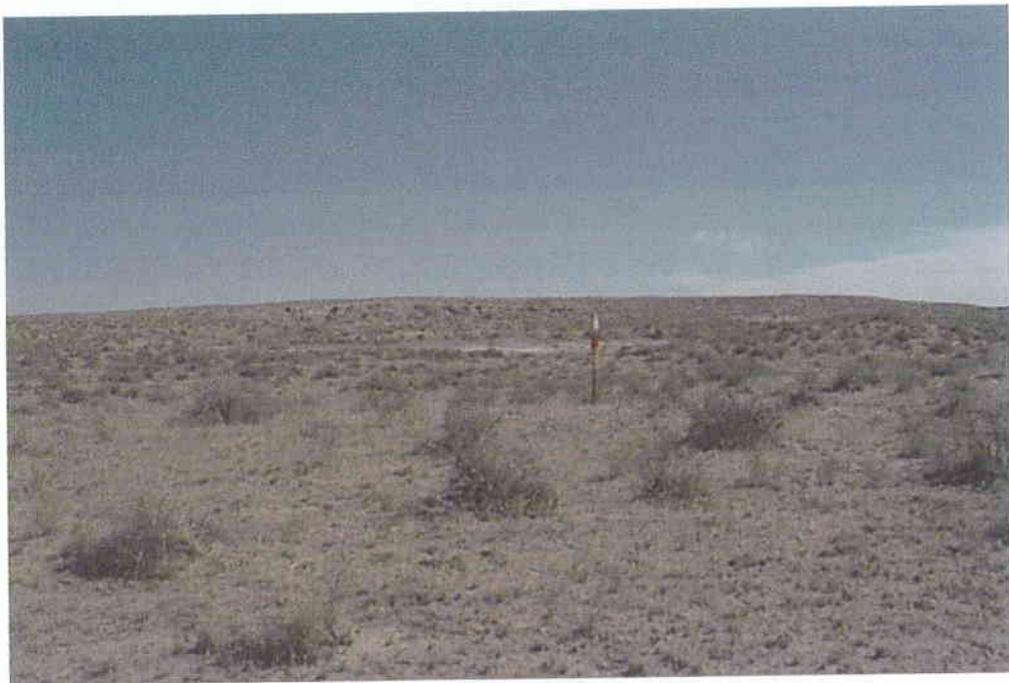














State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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)

April 24, 2000

EOG Resources, Inc
PO Box 1815
Vernal, UT 84078

Re: North Chapita 103-5N Well, 771' FNL, 777' FEL, NE NE, Sec. 5, T. 9S, R. 22E,
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 43-047-33518.

Sincerely,

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

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 Chapita 103-5N

API Number: 43-047-33518

Lease: Fee

Location: NE NE Sec. 5 T. 9S R. 22E

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
- Contact Robert Krueger at (801) 538-5274.

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

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

6. Surface casing shall be cemented to surface.

SPUDDING INFORMATION

Name of Company: EOG RESOURCES INC

Well Name: NORTH CHAPITA 103-5N

Api No. 43-047-33518 Lease Type: FEDERAL

Section 05 Township 09S Range 22E County UINTAH

Drilling Contractor BILLMARTIN RIG # AIR

SPUDDED:

Date 04/23/2000

Time 9:00 AM

How DRY

Drilling will commence _____

Reported by ED TROTTER

Telephone # 1-435-789-4120

Date: 04/24/2000 Signed: CHD

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

CONFIDENTIAL

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)

**771' FNL - 777' FEL (LOT 1)
SECTION 5, T9S, R22E**

5. Lease Designation and Serial No.
FEE

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

NORTH CHAPITA 103-5N

9. API Well No.

43-047-33518

10. Field and Pool or Exploratory Area

CHAPITA WELLS/WASATCH

11. County State

UINTAH, UTAH

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

TYPE OF SUBMISSION

NOTICE OF INTENT
 SUBSEQUENT REPORT
 FINAL ABANDONMENT NOTICE

TYPE OF ACTION

<input type="checkbox"/>	ABANDONMENT	<input type="checkbox"/>	CHANGE OF PLANS
<input type="checkbox"/>	RECOMPLETION	<input type="checkbox"/>	NEW CONSTRUCTION
<input type="checkbox"/>	PLUGGING BACK	<input type="checkbox"/>	NON-ROUTINE FRACTURING
<input type="checkbox"/>	CASING REPAIR	<input type="checkbox"/>	WATER SHUT-OFF
<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>	CONVERSION TO INJECTION
<input checked="" type="checkbox"/>	OTHER		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. 18" surface hole at the subject location 4/12/2000. The contractor was DDD Bucket Rig. Ed Forsman of the Vernal BLM District office and Carol Daniels of the Utah Division of Oil, Gas & Mining were notified of spud 4/12/2000.

RECEIVED

MAY 01 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 *Nate Carlson* TITLE Regulatory Analyst DATE 4/26/2000

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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

OPERATOR ACCT. NO. N
FAX: JIM THOMPSON
(801) 359-3940

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	12741	43-047-33505	NORTH DUCK CREEK 107-25	SWSE	25	8S	21E	UINTAH	4/12/00	
<i>000523 entity added.</i>											
A	99999	12742	43-047-33518	NORTH CHAPITA 103-5N	NE/NE LOT 1	5	9S	22E	UINTAH	4/23/00	
<i>000523 entity added.</i>											
A	99999	12743	43-047-33520	NORTH CHAPITA 117-5	NESE	5	9S	22E	UINTAH	4/22/00	
<i>000523 entity added.</i>											
B	99999 4928	4920	43-047-33432	STAGECOACH UNIT 42-17F	NENE	17	9S	22E	UINTAH	5/01/00	
<i>000523 entity added.</i>											
A	99999	12744	43-047-33521	NORTH CHAPITA 118-6	NESE	6	9S	22E	UINTAH	5/12/00	
<i>000523 entity added.</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.

Raty Carlson

 Signature
 Regulatory Analyst
 Title
 5/23/00
 Date
 (307) 276-3331
 Phone No.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

CONFIDENTIAL

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)

**771' FNL - 777' FEL (LOT 1)
SECTION 5, T9S, R22E**

5. Lease Designation and Serial No.

FEE

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

NORTH CHAPITA 103-5N

9. API Well No.

43-047-33518

10. Field and Pool or Exploratory Area

CHAPITA WELLS/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
	<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
	<input type="checkbox"/> 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:

1. Ace Disposal
2. EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit)
3. Water will be contained in tanks on location until moved to one of the above facilities.

RECEIVED

JUN 02 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 *Ruby Corbett* TITLE Regulatory Analyst DATE 5/30/2000

(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

SUBMIT IN DUPLICATE*
(See the instructions on the back)
CONFIDENTIAL
PERIOD
EXPIRED
ON 6-26-01

Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL GAS WELL DRY OTHER
 b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEPEN PLUG BACK DIFF.RES OTHER

2. NAME OF OPERATOR: **EOG Resources, Inc.**

3. ADDRESS OF OPERATOR: **P.O. BOX 250 BIG PINEY, WYOMING 83113**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
 At surface: **771' FNL - 777' FEL (LOT 1)**
 At top prod. interval reported below: **SAME**
 At total depth: **SAME**

13. DATE SPUNDED: **4/23/2000**
 16. DATE T.D. REACHED: **5/04/2000**
 17. DATE COMPL. (Ready to prod.): **5/26/2000**
 18. ELEVATIONS (DF, RKB, RT, GR, ETC.):* **4761' KB**
 19. ELEV. CASINGHEAD: **4746' PREP. GL.**

20. TOTAL DEPTH, MD & TVD: **6640'**
 21. PLUG, BACK T.D., MD & TVD: **6620'**
 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 5865' - 6432'

26. TYPE ELECTRIC AND OTHER LOGS RUN: **Dipole Sonic Imager, Log Quality Control, Dipole Sonic Imager, Compensated Neutron, GR & Cement Bond Log, Collar Locator, GR**
 27. WAS WELL CORED? **NO**

28. 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	237'	12-1/4"	100 sx Class "G" cement.	NONE
4-1/2"	10.5# J-55	6638'	7-7/8"	400 sx Hi-Lift & 500 sx 50/50 Pozmix.	NONE

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	6444'	

31. PERFORATION RECORD (Interval, size and number)

Interval	Size	Depth	Notes
Wasatch C-13		6301-03', 6307-09', 6324-26' & 6428-32'	w/3 SPF
C-11		6144-46', 6160-64' & 6178-81'	w/3 SPF
C-9 & C-5		5865-69' & 6023-27'	w/3 SPF

32. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6301-6432'	17,388 gals gelled water & 82,000# 20/40 sand.
6144-6181'	20,034 gals gelled water & 68,800# 20/40 sand.
5865-6027'	17,388 gals gelled water & 82,962# 20/40 sand.

33.* PRODUCTION

DATE FIRST PRODUCTION: **5/26/2000**
 PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump): **FLOWING**
 WELL STATUS (Producing or shut-in): **PRODUCING**

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR	OIL-BBL	GAS-MCF	WATER-BBL	GAS-OIL RATIO
3/29/2000	24	14/64"		5 BC	1508 MCFD	12 BW	
FTP 1550 psig	CP 1600 psig			5 BC	1508 MCFD	12 BW	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): **SOLD**
 TEST WITNESSED BY: **JAY ORR**

35. LIST OF ATTACHMENTS: **SOLD**

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

SIGNED: *[Signature]* **JUN 02 2000** Regulatory Analyst DATE: **5/30/2000**

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

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: enf:** 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 its 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, cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):				38. GEOLOGIC MARKERS		
				TOP		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Green River	2097'	
				Base "M" Marker	4756'	
				"N" Limestone	4983'	
				Wasatch		
				Peter's Point	5171'	
				P-4	5375'	
				P-6	5539'	
				P-8	5735'	
				Chapita Wells	5811'	
				C-5	5861'	
				C-9	6021'	
				C-11	6141'	
				C-13	6298'	
				Buck Canyon	6605'	