

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

May 8, 2001

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

RE: APPLICATION FOR PERMIT TO DRILL  
CHAPITA WELLS UNIT 804-18  
SW/4SW/4, SEC. 18, T9S, R23E  
UINTAH COUNTY, UTAH  
LEASE NO.: U-0337  
FEDERAL LANDS

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

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

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

Sincerely,



Ed Trotter  
Agent  
EOG Resources, Inc.

Attachments

**RECEIVED**

MAY 14 2001

DIVISION OF  
OIL, GAS AND MINING

**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

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      **607' FSL & 710' FWL      SW/SW      4432202 N      638580 E**

At proposed prod. Zone

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

15. Distance from proposed location to nearest property or lease line, ft.  
(Also to nearest drig. Unit line, if any)      **607'**

16. No. of acres in lease      **2344.08**

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

19. Proposed depth      **9550'**

20. Rotary or cable tools  
**ROTARY**

21. Elevations (show whether DF, RT, GR, etc.)  
**4971.6 FEET GRADED GROUND**

22. Approx. date work will start  
**UPON APPROVAL**

5. Lease designation and serial number  
**U-0337**

6. If Indian, Allottee or Tribe name

7. Unit Agreement Name  
**CHAPITA WELLS UNIT**

8. Farm or lease name, well no.

9. API Well No.  
**CWU 804-18**

10. Field and pool, or wildcat  
**WASATCH - Natural Buttes**

11. Sec., T., R., M., or BLK. and survey or area  
**SEC. 18, T9S, R23E**

12. County or parish  
**UINTAH**

13. State  
**UTAH**

17. No. of acres assigned to this well

23. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	48#	120' +/-	Cement with 50 sx Class "G" plus 2% CaCl <sub>2</sub> . (Casing will be preset.) Cement interval from 2800' to 1800' with Class "G" plus 2% CaCl <sub>2</sub> & 1/4#/sx Celloflake.
12 1/4"	9 5/8"	36.0#	2800' +/-	Cement interval from 1800' to surface With light weight cement plus specified additives. 1" top 25' with Class "G" cement plus 3% CaCl <sub>2</sub> . Cement interval from TD to 500'+/- above uppermost pay interval with 50/50 Pozmix w/2% gel & 10% salt. Volume to be calculated from Caliper log annular volume plus 5% excess. Circulate casing before cementing. Reciprocate casing during Cementing.
7 7/8"	4 1/2"	11.6#	9550'	

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

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

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 *Kelli Justice* TITLE Agent DATE 5-8-2001

(This space for Federal or State office use)

PERMIT NO. 43047-34077 APPROVAL DATE 5-8-2001

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

CONDITIONS OF APPROVAL, IF ANY:

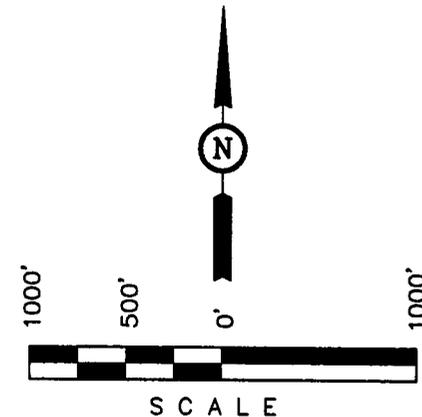
APPROVED BY *Bradley G. Hill* TITLE BRADLEY G. HILL 4 2001 RECLAMATION SPECIALIST III DATE 05-29-01  
DIVISION OF OIL, GAS AND MINING

**EOG RESOURCES, INC.**

Well location, CHAPITA WELLS UNIT #804-18, located as shown in the SW 1/4 SW 1/4 of Section 18, T9S, R23E, S.L.B.&M. Uintah County, Utah.

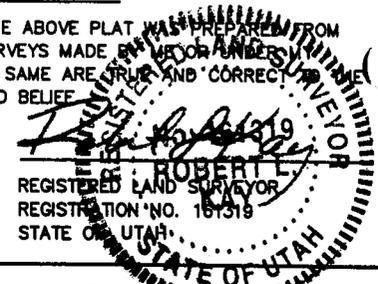
**BASIS OF ELEVATION**

60 eam (1965) BENCH MARK LOCATED IN THE NW 1/4 OF SECTION 24, 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 5012 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.



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

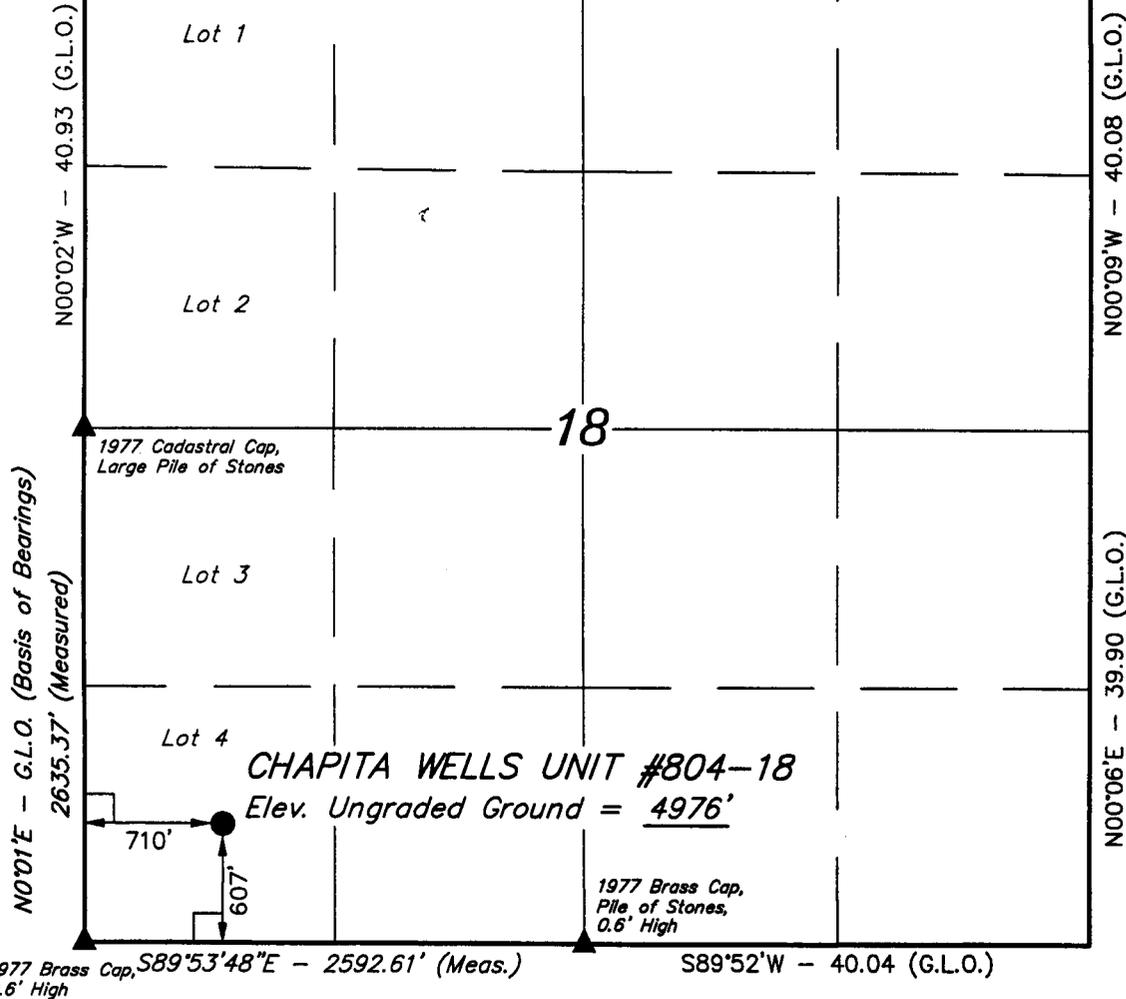
SCALE 1" = 1000'	DATE SURVEYED: 4-6-01	DATE DRAWN: 4-9-01
PARTY J.F. P.J. C.G.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE EOG RESOURCES, INC.	

**T9S, R23E, S.L.B.&M.**

R 22  
E  
R 23  
E

N88°54'W - 39.09 (G.L.O.)

N89°50'W - 40.21 (G.L.O.)



1977 Brass Cap, S89°53'48"E - 2592.61' (Meas.)  
 0.6' High

1977 Brass Cap,  
 Pile of Stones,  
 0.6' High

**LEGEND:**

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

LATITUDE = 40°01'50"  
 LONGITUDE = 109°22'33"

**EIGHT POINT PLAN**

**CHAPITA WELLS UNIT 804-18**  
**SW/SW, SEC. 18, T9S, R23E, S.L.B.&M.**  
**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	1842		
Base "M" Limestone	4410		
Wasatch	4741		
Peters Point	4741	GAS	
Chapita Wells	5024	GAS	
Buck Canyon	5571	GAS	
North Horn	6327		
Lower North Horn	6934		
Mesa Verde –			
Price River	7466		
Lower Price River	8300		
Sego	8824		
Castlegate	9134		
Mancos	9545		

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EST. TD: 9550

Anticipated BHP 4100 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>
17 1/2"	0' -120'+/- GL	200' - 220'	13 3/8"	48.0 #	H-40	ST&C	770 PSI	1730 PSI	322,000#
12 1/4"	0' - 2800'+/- KB	200' - 220'	9 5/8"	36.0 #	J-55	ST&C	2020 PSI	3520 PSI	394,000#
7 7/8"	0' - 9550'+/- KB	9550'	4 1/2"	11.6 #	N-80	LT&C	6350 PSI	7780 PSI	223,000#

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.

**EIGHT POINT PLAN**

**CHAPITA WELLS UNIT 804-18**  
**SW/SW, SEC. 18, T9S, R23E, S.L.B.&M.**  
**UINTAH COUNTY, UTAH**

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**5. MUD PROGRAM**

<b>Depth INTERVAL From To</b>	<b>Mud Weight</b>	<b>Vis</b>	<b>WL (cc)</b>	<b>MUD TYPE</b>
0' - 120'	N/A	N/A	N/A	Air
120' - 2800'	N/A	N/A	N/A	Air/Mist or Aerated Water
2800' - TD	As Needed	As Needed	<8	Aerated 4% KCL water, salt gel

**NOTE:** Add 400 sx KCL to system over 24 hour period after reaching 4000'. Maintain 4% system to TD. (Convert to salt gel mud system as hole conditions dictate.)

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

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

**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  
HALS/GR/CAL, FDC/CNL/GR/CAL/PE/Dipole Sonic

T.D. to base of surface casing

Cores: None Programmed  
DST: None Programmed

Completion: To be submitted at a later date.

**EIGHT POINT PLAN**

**CHAPITA WELLS UNIT 804-18**  
**SW/SW, SEC. 18, T9S, R23E, S.L.B.&M.**  
**UINTAH COUNTY, UTAH**

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

**8. ABNORMAL CONDITIONS:**

Lost circulation probable from 1500' to 3000'+/-. Underbalanced circulation system will require rotating head. Potential gas kicks in Green River, Wasatch & Mesa Verde. Potential Shale swelling/sloughing problems. Drilling jars may be utilized depending on hole conditions, projected TD, and exposure time in the Wasatch formation. Use 4% KCL in water to stabilize the shales. Meter air and add foamer to maximize consistency of returns and maintain stable pit levels. After converting to mud system, maintain water loss at <8cc.

Possible lost circulation near top of Green River  
Mesa Verde Section slightly over-pressured

**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.

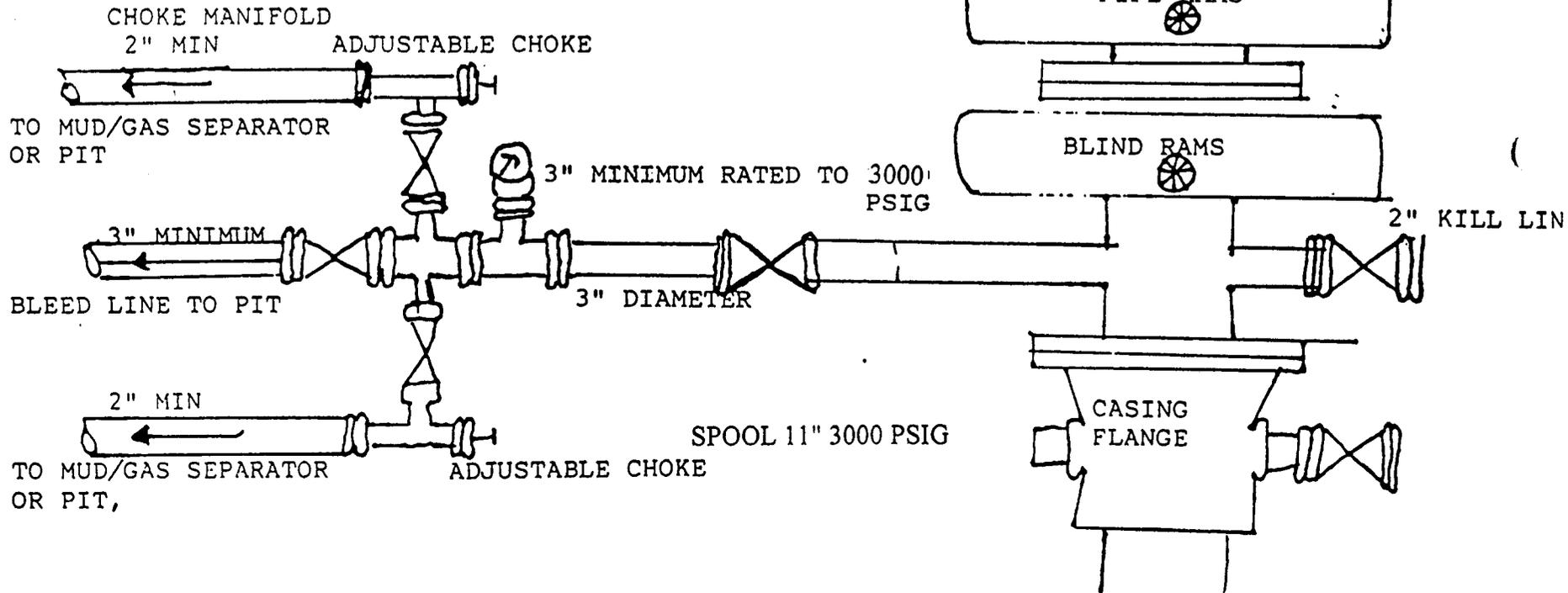
(Attachment: BOP Schematic Diagram)

## 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: Chapita Wells Unit 804-18  
Lease Number: U-0337  
Location: 607' FSL & 710' FWL, SW/SW, Sec. 18, T9S,  
R23E, S.L.B.&M., Uintah County, Utah  
Surface Ownership: Federal

**NOTIFICATION REQUIREMENTS**

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

Location Completion - prior to moving on the drilling rig.

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

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

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

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

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

## **THIRTEEN POINT SURFACE USE PROGRAM**

### **1. EXISTING ROADS**

- A. See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 20.2 miles southeast of Ouray, Utah - See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary. No off lease Right-of-Way will be required.

### **2. PLANNED ACCESS ROAD**

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

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

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. Abandoned wells – 7\*
- B. Producing wells - 13\*  
(\*See attached TOPO map “C” for location)

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

**A. ON WELL PAD**

- 1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of wellhead valves, combo separator-dehy unit with meter, 300 Bbl vertical or 200 Bbl low profile, condensate tank, and attaching piping. See attached facility diagram.
- 2. Gas gathering lines - A 3” gathering line will be buried from dehy to the edge of the location.

**B. OFF WELL PAD**

- 1. Proposed location of attendant off pad flowlines shall be flagged prior to archaeological clearance.
- 2. A 3” OD steel above ground natural gas pipeline will be laid approximately 2944’ from proposed location to a point in the NW/NW of Section 19, T9S, R23E, where it will tie into Questar Pipeline Co.’s existing line. Proposed pipeline crosses Federal lands within the Chapita Wells Unit, thus a Right-of -Way grant will not be required.
- 3. Proposed pipeline will be a 3” OD steel, welded line laid on the surface.
- 4. Protective measures and devices for livestock and wildlife will be taken and/or installed where required.

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

The production facilities will be placed on the West 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 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 contraction in the unit or other lease or unit boundary change), BLM will process a change in authorization to the appropriate statute. The authorization will be subject to appropriate rental or other financial obligation as determined by the authorized officer.

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

- A. Water supply will be from 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.

**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 Federal Land.
- C. No mineral materials will be required.

**7. METHODS OF HANDLING WASTE DISPOSAL**

**A. METHODS AND LOCATION**

- 1. Cuttings will be confined in the reserve pit.
- 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
- 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at an approved waste disposal facility.
- 4. Produced wastewater will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be disposed of at one of the following three locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).

5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.
- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in the reserve pit or be removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

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 BLM administered land:**

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

**The reserve pit shall be lined.**

**8. ANCILLARY FACILITIES**

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

**9. WELLSITE LAYOUT**

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.
- D. The approved seed mixture for this location is:
  - 4 pounds 4-Wing Salt Bush per acre
  - 4 pounds Shad Scale per acre
  - 4 pounds Western Wheat Grass per acre

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

The stockpiled pit topsoil will be stored separate from the location topsoil between Corners B and 5. The stockpiled location topsoil will be stored along the North side. Upon completion of construction, the stockpiled topsoil from the location will be broadcast seeded with the approved seed mixture for this location and then walked down with a cat.

Access to the well pad will be from the East.

Corners #2 & #8 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.

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 BLM 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 Federal land, or any fence between Federal land and private land, the operator will contact the BLM, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

### **10. PLANS FOR 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 stockpiled pit topsoil will then be spread over the pit area and broadcast seeded with the prescribed seed mixture for this location. The seeded area will then be walked down with a cat.

**B. DRY HOLE/ABANDONED LOCATION**

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BLM will attach the appropriate surface rehabilitation conditions of approval.

**11. SURFACE OWNERSHIP**

Access road: Federal

Location: Federal

**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 BLM, or the appropriate County Extension Office. On BLM administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.
  
- C. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on BLM lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)

**Additional Surface Stipulations**

**No construction or drilling activities shall be conducted between April 1<sup>st</sup> and July 15<sup>th</sup> because of Red-Tailed Hawk stipulations.**

**The existing “dry hole” marker will be cut off and a subsurface plate will be placed on the old hole.**

**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.

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

**Certification**

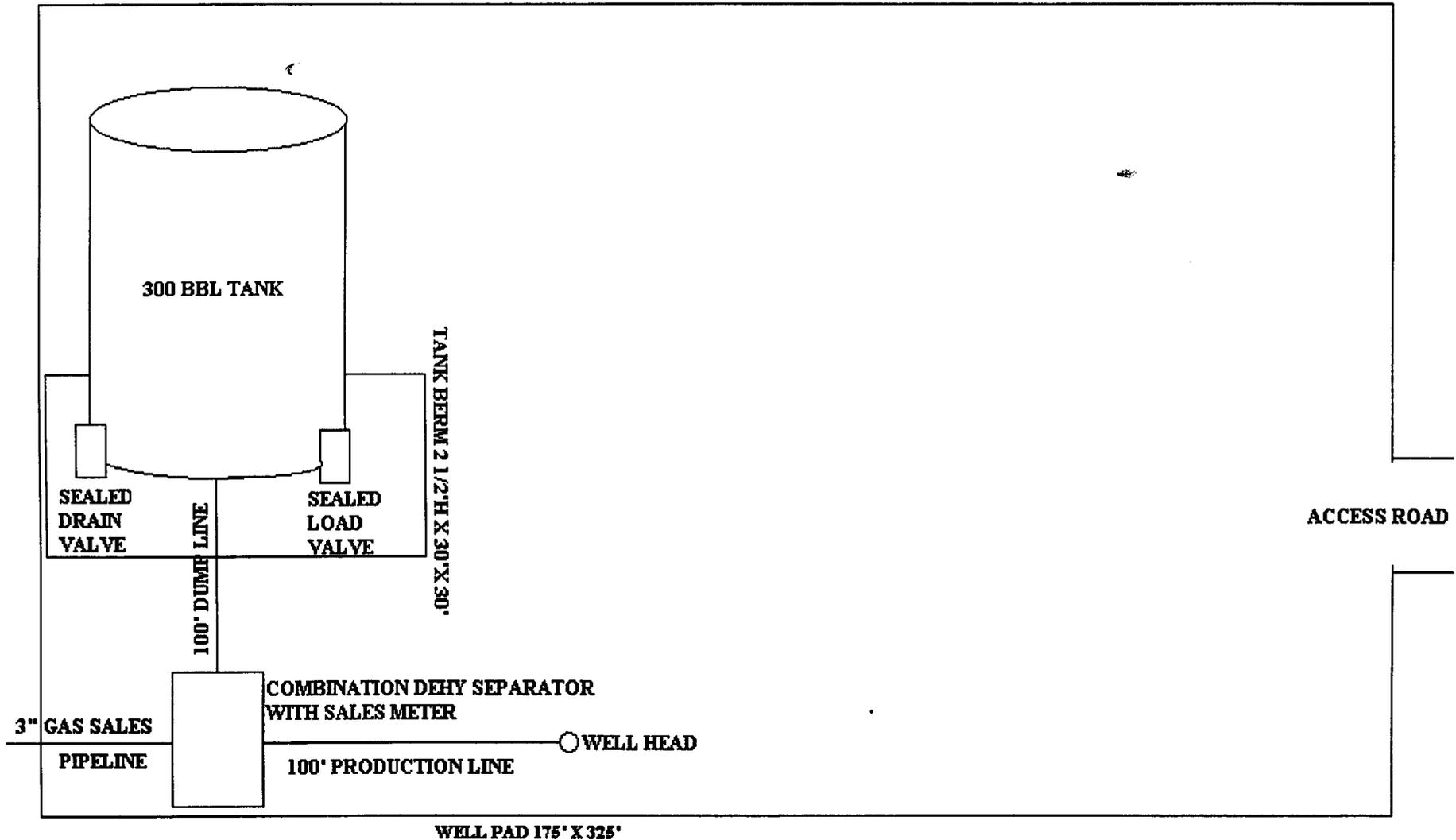
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions that presently exist; that the statements made in the Plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this Plan and the terms and conditions under which it is approved.

5-8-2001

Date

  
Agent

**SITE FACILITY DIAGRAM**  
**CHAPITA WELLS UNIT#804-18**  
**SECTION 18, T9S, R23E, S.L.B.M. SW1/4SW1/4**  
**UNITAH COUNTY, UTAH**  
**FEDERAL LEASE NUMBER U-0337**  
(Site Security Plan is on file at EOG Resources, Inc.'s Vernal Office)



**EOG RESOURCES, INC.**  
**CHAPITA WELLS UNIT #804-18**  
 LOCATED IN UTAH COUNTY, UTAH  
 SECTION 18, T9S, R23E, S.1.B.&M.



PHOTO: VIEW OF WELL LOCATION STAKE

CAMERA ANGLE: NORTHERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHWESTERLY

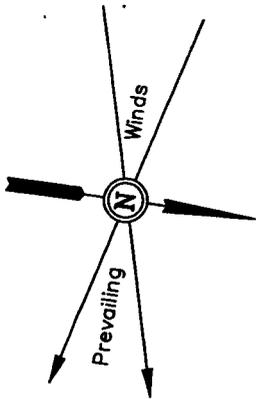


**E&L S** Uintah Engineering & Land Surveying  
 85 South 200 East Vernal, Utah 84078  
 435-789-1017 uels@uelsinc.com

LOCATION PHOTOS	4	10	01	PHOTO
TAKEN BY JF	MONTH	DAY	YEAR	
DRAWN BY K G	REVISED 00-00-00			

EOG RESOURCES, INC.

LOCATION LAYOUT FOR  
 CHAPITA WELLS UNIT #804-18  
 SECTION 18, T9S, R23E, S.L.B.&M.  
 607' FSL 710' FWL

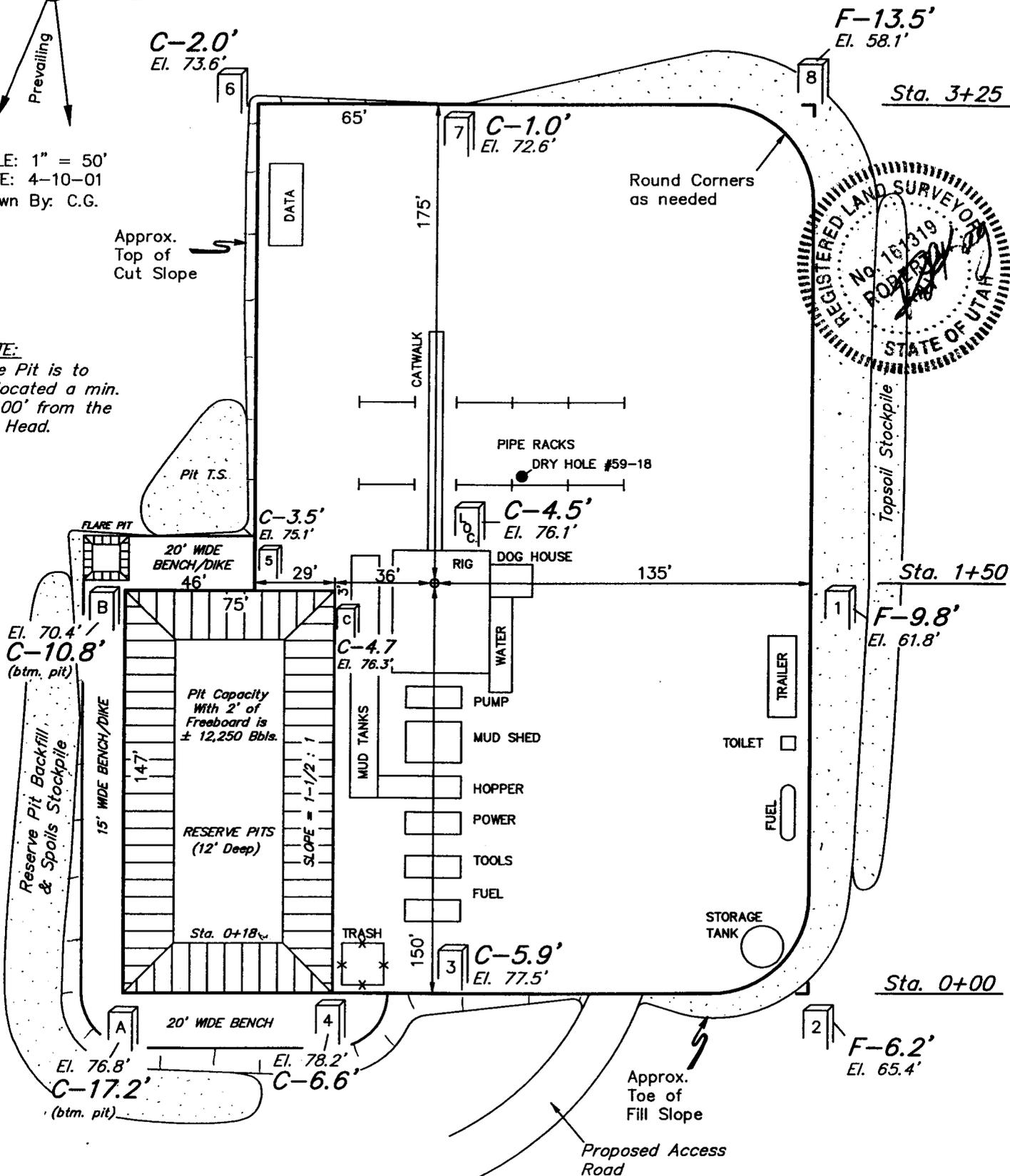


SCALE: 1" = 50'  
 DATE: 4-10-01  
 Drawn By: C.G.

Approx.  
 Top of  
 Cut Slope

NOTE:

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

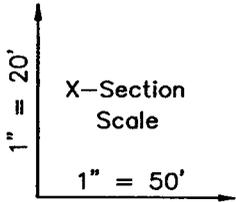


Elev. Ungraded Ground at Location Stake = 4976.1'  
 Elev. Graded Ground at Location Stake = 4971.6'

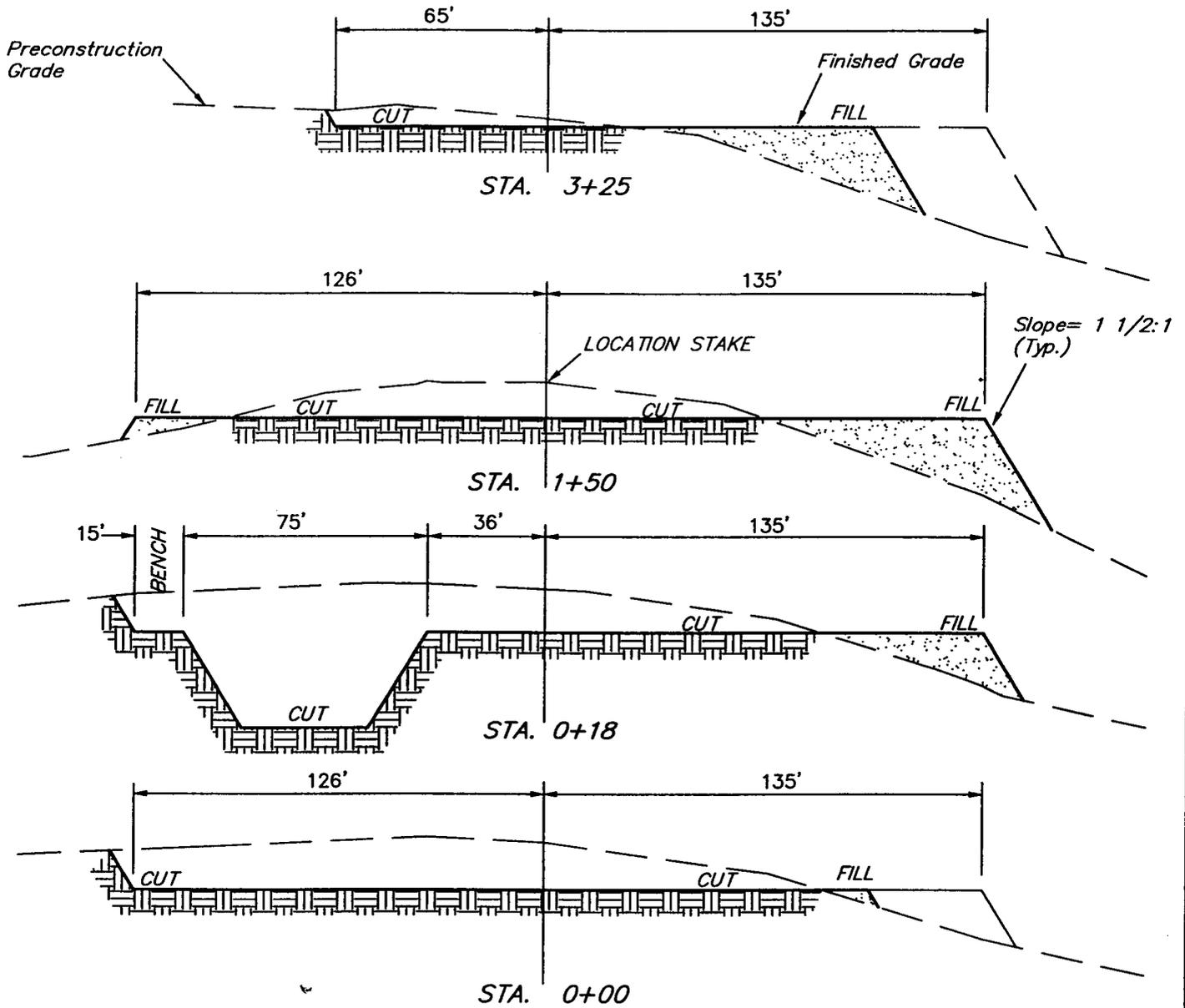
UINTAH ENGINEERING & LAND SURVEYING  
 85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

**EOG RESOURCES, INC.**

TYPICAL CROSS SECTIONS FOR  
 CHAPITA WELLS UNIT #804-18  
 SECTION 18, T9S, R23E, S.L.B.&M.  
 607' FSL 710' FWL

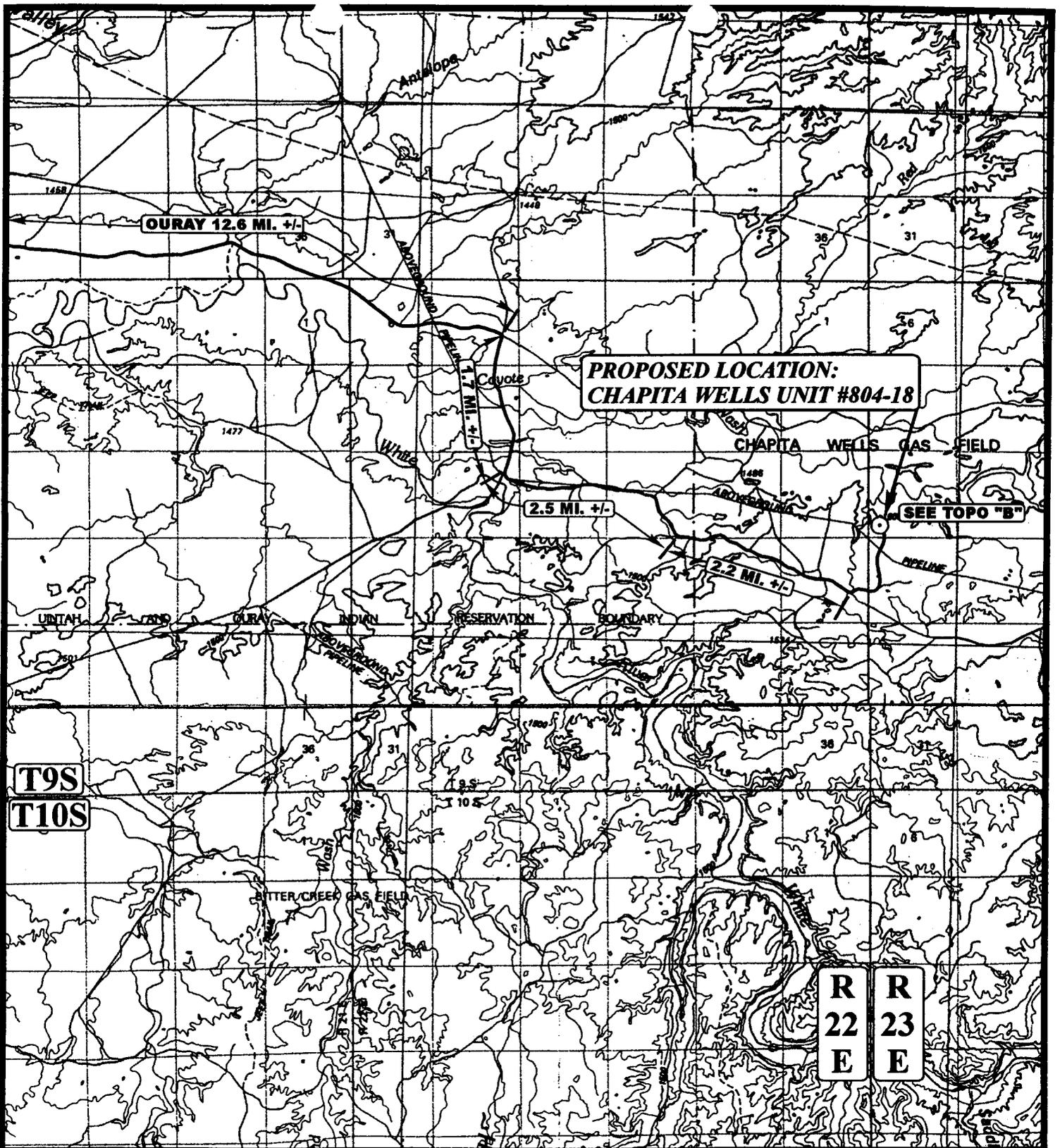


DATE: 4-10-01  
 Drawn By: C.G.



**APPROXIMATE YARDAGES**

(6") Topsoil Stripping	= 1,430 Cu. Yds.	EXCESS MATERIAL AFTER 5% COMPACTION	= 3,090 Cu. Yds.
Remaining Location	= 8,310 Cu. Yds.	Topsoil & Pit Backfill (1/2 Pit Vol.)	= 3,090 Cu. Yds.
TOTAL CUT	= 9,740 CU.YDS.	EXCESS UNBALANCE (After Rehabilitation)	= 0 Cu. Yds.
FILL	= 6,320 CU.YDS.		



**PROPOSED LOCATION:  
CHAPITA WELLS UNIT #804-18**

**SEE TOPO "B"**

**T9S  
T10S**

**R 22  
E**     **R 23  
E**

**LEGEND:**

○ PROPOSED LOCATION



**EOG RESOURCES, INC.**

**CHAPITA WELLS UNIT #804-18  
SECTION 18, T9S, R23E, S.L.B.&M.  
607' FSL 710' FWL**



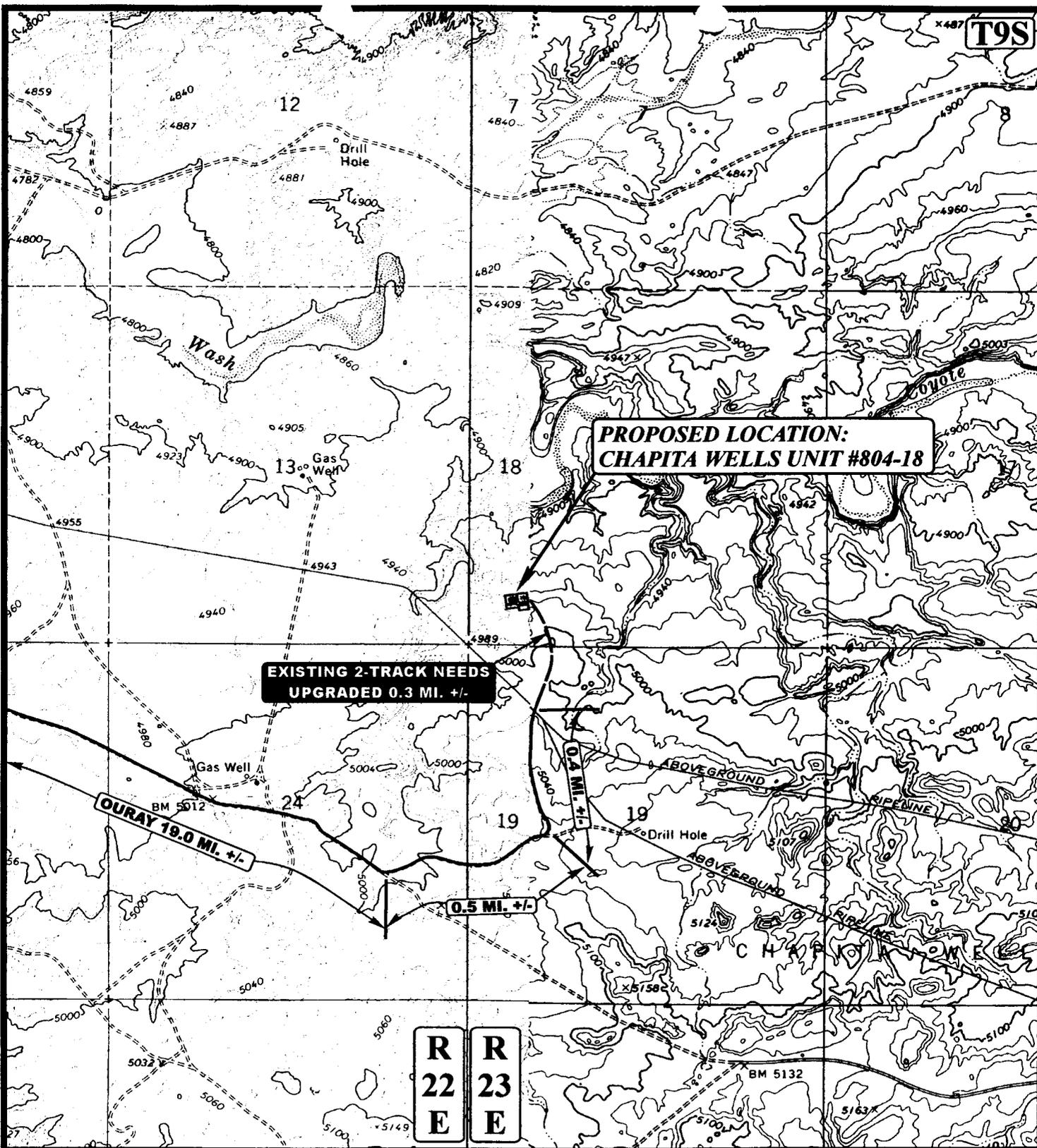
**Utah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC  
MAP**

**4 10 01**  
MONTH DAY YEAR

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





**PROPOSED LOCATION:  
CHAPITA WELLS UNIT #804-18**

**EXISTING 2-TRACK NEEDS  
UPGRADED 0.3 MI. +/-**

**OURAY 19.0 MI. +/-**

**0.5 MI. +/-**

**R 22 E R 23 E**

**LEGEND:**

- PROPOSED ACCESS ROAD
- EXISTING ROAD NEEDS UPGRADED
- EXISTING ROAD

**EOG RESOURCES, INC.**

**CHAPITA WELLS UNIT #804-18  
SECTION 18, T9S, R23E, S.L.B.&M.  
607' FSL 710' FWL**



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

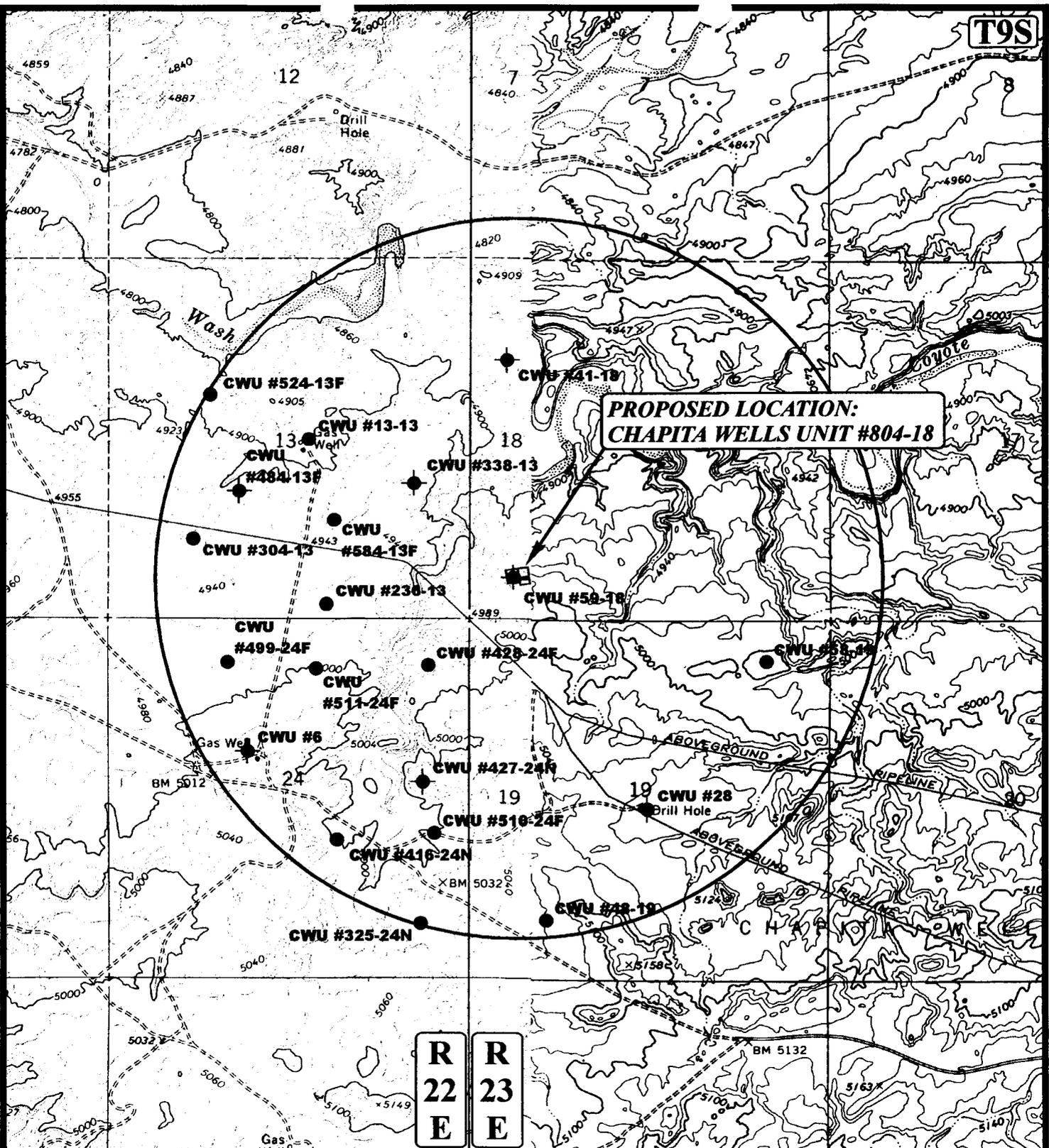


**TOPOGRAPHIC  
MAP**

<b>4</b>	<b>10</b>	<b>01</b>
MONTH	DAY	YEAR

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





**PROPOSED LOCATION:  
CHAPITA WELLS UNIT #804-18**

**R  
22  
E**    **R  
23  
E**

**LEGEND:**

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

**EOG RESOURCES, INC.**

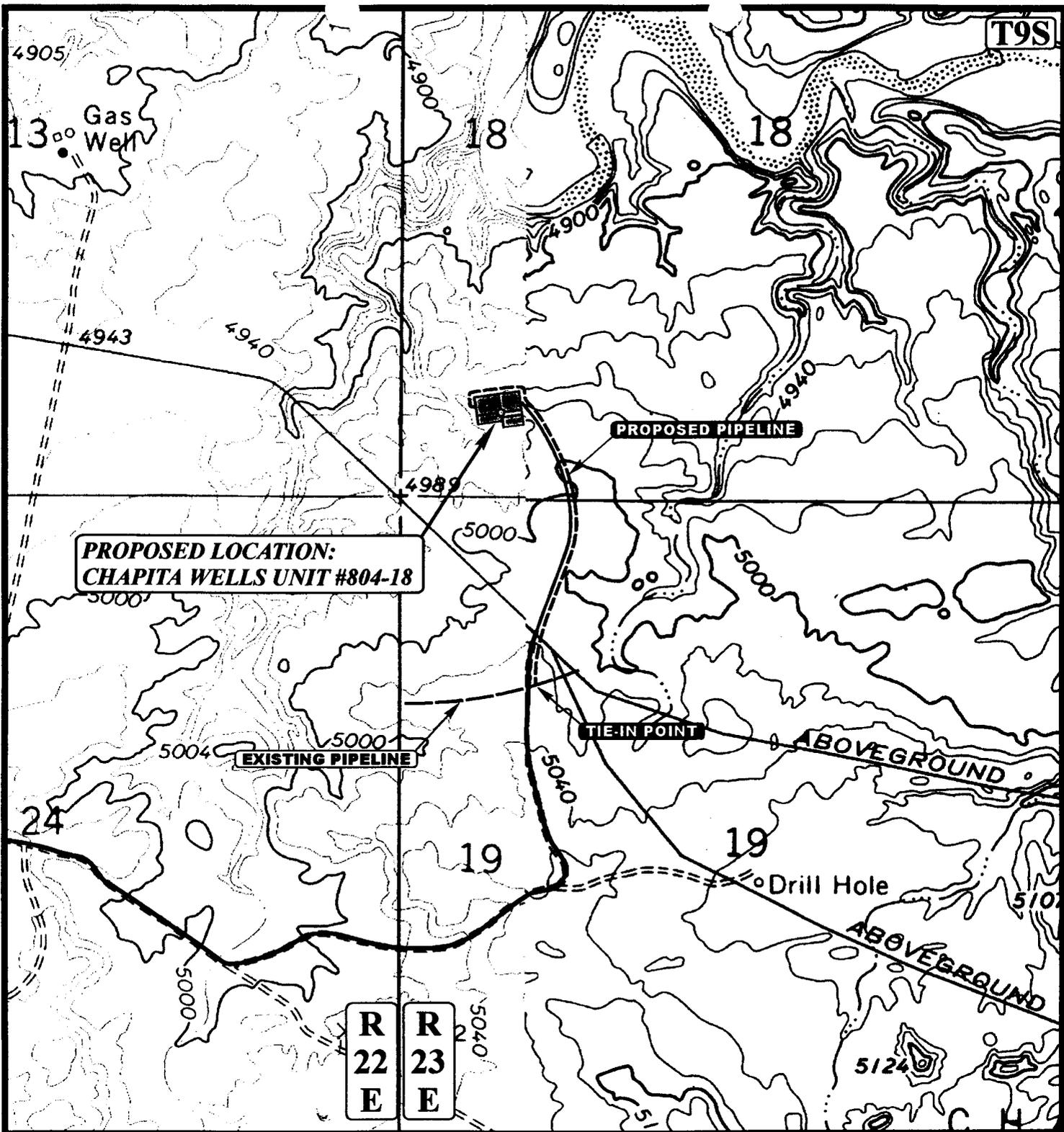
**CHAPITA WELLS UNIT #804-18  
SECTION 18, T9S, R23E, S.L.B.&M.  
607' FSL 710' FWL**

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



**TOPOGRAPHIC** **4 10 01**  
**MAP** MONTH DAY YEAR  
SCALE: 1" = 2000' DRAWN BY: K.G. REVISED: 00-00-00

**C**  
**TOPO**



APPROXIMATE TOTAL PIPELINE DISTANCE = 2944' +/-

**LEGEND:**

- EXISTING PIPELINE
- - - - - PROPOSED PIPELINE
- ..... PROPOSED ACCESS

**EOG RESOURCES, INC.**

**CHAPITA WELLS UNIT #804-18**  
**SECTION 18, T9S, R23E, S.L.B.&M.**  
**607' FSL 710' FWL**



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

**TOPOGRAPHIC**  
**MAP**

<b>4</b>	<b>10</b>	<b>01</b>
MONTH	DAY	YEAR

SCALE: 1" = 1000' DRAWN BY: K.G. REVISED: 00-00-00



**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 05/14/2001

API NO. ASSIGNED: 43-047-34077
--------------------------------

WELL NAME: CWU 804-18  
 OPERATOR: EOG RESOURCES INC ( N9550 )  
 CONTACT: ED TROTTER, AGENT

PHONE NUMBER: 435-789-4120

PROPOSED LOCATION:

SWSW 18 090S 230E  
 SURFACE: 0607 FSL 0710 FWL  
 BOTTOM: 0607 FSL 0710 FWL  
 UINTAH  
 NATURAL BUTTES ( 630 )

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

LEASE TYPE: 1 - Federal  
 LEASE NUMBER: U-0337  
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: WSTC

RECEIVED AND/OR REVIEWED:

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

LOCATION AND SITING:

- R649-2-3. Unit CHAPITA WELLS
- R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit  
Board Cause No: 179-8  
Eff Date: 8-10-99  
Siting: \*Suspends siting rule
- R649-3-11. Directional Drill

COMMENTS:

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

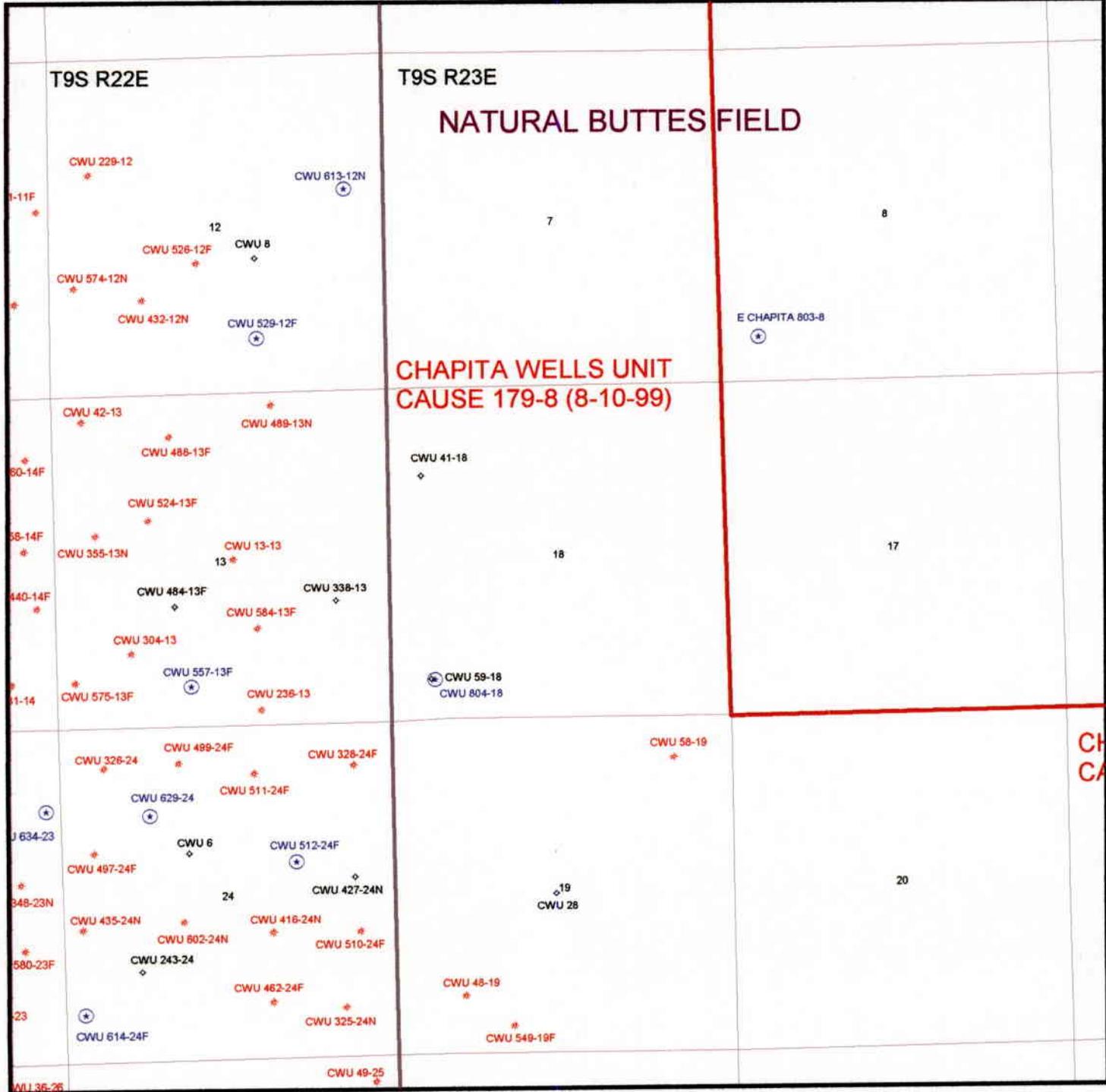
STIPULATIONS:

① FEDERAL APPROVAL

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



OPERATOR: EOG RESOURCES INC (N9550)  
 SEC. 18, T9S, R23E  
 FIELD: NATURAL BUTTES (630)  
 COUNTY: UINTAH UNIT: CHAPITA WELLS  
 CAUSE: 179-8



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:  
3160  
(UT-922)

May 25, 2001

### Memorandum

To: Assistant District Manager Minerals, Vernal District  
From: Michael Coulthard, Petroleum Engineer  
Subject: 2001 Plan of Development Chapita Wells Unit,  
Uintah County, Utah.

Pursuant to email between Lisha Cordova, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management. The following wells are planned for calendar year 2001 within the Chapita Wells Unit, Uintah County, Utah.

Api Number	Well	Location
(Proposed PZ Wasatch)		
43-047-34074	CWU 801-28	Sec. 28, T9S, R23E 1811 FNL 0757 FEL
43-047-34075	CWU 802-22	Sec. 22, T9S, R22E 0381 FSL 1084 FWL
* 43-047-34077	CWU 804-18	Sec. 18, T9S, R23E 0607 FSL 0710 FWL
* 43-047-34078	CWU 805-32	Sec. 32, T9S, R23E 0584 FNL 0755 FEL

\*Well currently outside of an existing Participating Area.

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Chapita Wells Unit  
Division of Oil Gas and Mining  
Agr. Sec. Chron  
Fluid Chron

MCoulthard:mc:5-25-1



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

Michael O. Leavitt  
Governor  
Kathleen Clarke  
Executive Director  
Lowell P. Braxton  
Division Director

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

May 29, 2001

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

Re: Chapita Wells Unit 804-18 Well, 607' FSL, 710' FWL, SW SW, Sec. 18, T. 9 South,  
R. 23 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 43-047-34077.

Sincerely,

A handwritten signature in black ink, appearing to read "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** Chapita Wells Unit 804-18  
**API Number:** 43-047-34077  
**Lease:** U 0337

**Location:** SW SW      **Sec.** 18      **T.** 9 South      **R.** 23 East

### **Conditions of Approval**

**1. General**

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

**2. Notification Requirements**

Notify the Division within 24 hours of spudding the well.

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

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

- Contact Dan Jarvis at (801) 538-5338

**3. Reporting Requirements**

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

**4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.**

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

**APPLICATION FOR PERMIT TO DRILL OR DEEPEN**

1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>		5. Lease designation and serial number <b>U-0337</b>	
b. TYPE OF WELL Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/>		6. If Indian, Allottee or Tribe name	
2. Name of Operator <b>EOG RESOURCES, INC.</b>		7. Unit Agreement Name <b>CHAPITA WELLS UNIT</b>	
3. Address and Telephone Number <b>P.O. BOX 1815, VERNAL, UT 84078 (435)789-0790</b>		8. Farm or lease name, well no.	
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface <b>607' FSL &amp; 710' FWL      SW/SW</b>		9. API Well No. <b>CWU 804-18</b>	
At proposed prod. Zone <b>20.2 MILES SOUTHEAST OF OURAY, UTAH</b>		10. Field and pool, or wildcat <b>WASATCH</b>	
14. Distance in miles and direction from nearest town or post office		11. Sec., T., R., M., or BLK. and survey or area <b>SEC. 18, T9S, R23E</b>	
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. Unit line, if any) <b>607'</b>		12. County or parish <b>UINTAH</b>	
16. No. of acres in lease <b>2344.08</b>		13. State <b>UTAH</b>	
18. Distance from proposed location to nearest well, drilling, completed, or applied for, on this lease, ft.		17. No. of acres assigned to this well	
19. Proposed depth <b>9550'</b>		20. Rotary or cable tools <b>ROTARY</b>	
21. Elevations (show whether DF, RT, GR, etc.) <b>4971.6 FEET GRADED GROUND</b>		22. Approx. date work will start <b>UPON APPROVAL</b>	

**RECEIVED  
MAY 11 2001**

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	48#	120' +/-	Cement with 50 sx Class "G" plus 2%
12 1/4"	9 5/8"	36.0#	2800' +/-	CaCl2. (Casing will be preset.) Cement interval from 2800' to 1800' with Class
7 7/8"	4 1/2"	11.6#	9550'	"G" plus 2% CaCl2 & 1/4#/sx Celloflake.

- 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  
RECEIVED  
AUG 03 2001**

Cement interval from 1800' to surface With light weight cement plus specified additives. 1" top 25' with Class "G" cement plus 3% CaCl2. Cement interval from TD to 500'+/- above uppermost pay interval with 50/50 Pozmix w/2% gel & 10% salt. Volume to be calculated from Caliper log annular volume plus 5% excess. Circulate casing before cementing. Reciprocate casing during Cementing.

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

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 *Kelli J. [Signature]* TITLE Agent DATE 5-8-2001

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ 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 Assistant Field Manager DATE 08/01/2001  
Mineral Resources

**CONDITIONS OF APPROVAL ATTACHED**

**CONDITIONS OF APPROVAL**  
**APPLICATION FOR PERMIT TO DRILL**

Company/Operator: EOG Resources Inc.

Well Name & Number: CWU 804-18

API Number: 43-047-34077

Lease Number: U - 0337

Location: SWSW Sec. 18 T.9S R. 23E

Agreement: Chapita Wells Unit

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

**CONDITIONS OF APPROVAL**

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

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

**A. DRILLING PROGRAM**

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

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

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

**2. Pressure Control Equipment**

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

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

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

The variances requested in section 6 of the 8 point drilling plan are granted with the following conditions:

If a mist system is being utilized then the requirement for a deduster shall be waived.

Where the location and rig layout allows, the bloopie line shall be straight and extend 100' from the wellbore. This requirement will be waived only in the case where the location is too small to accommodate it.

### 3. Casing Program and Auxiliary Equipment

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

The surface and intermediate casing strings must be cemented back to surface. The production casing must be cemented back to a minimum of 500' above the top of the Wasatch (+4741').

All casing strings below the conductor shall be pressure tested to 0.22 psi/ft of casing string length or 1500 psi, whichever is greater but not to exceed 70% of the minimum internal yield.

### 4. Mud Program and Circulating Medium

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

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

### 5. Coring, Logging and Testing Program

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

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

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

6. Notifications of Operations

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

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

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

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Written notification of such must be submitted to this office not later than five (5) days following the date on which the well is placed on

production.

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

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

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

7. Other Information

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

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

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

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

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

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

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

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

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

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

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

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

BLM FAX Machine      (435) 781-4410

## EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

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

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

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

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

Refinery wastes

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

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

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

- The road shall be crowned at between 2 to 3 %.
  
- When plowing snow during the winter months, the snow shall be plowed outside of the borrow ditches to prevent the snow melt from saturating the road during the spring.
  
- See **bolded** conditions of approval within the Application to Drill.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Bureau No. 1004-0133  
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)

607' FSL 710' FWL (SW/SW)  
SECTION 18, T9S, R23E

5. Lease Designation and Serial No.  
U-0337

6. If Indian, Allottee or Tribe Name

7. If Unit or C.A., Agreement Designation  
CHAPITA WELLS UNIT

8. Well Name and No.

CWU 804-18

9. API Well No.

43-047-34077

10. Field and Pool or Exploratory Area

11. County State  
UINTAH, UTAH

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

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

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

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

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

Approved by the  
Utah Division of  
Oil, Gas and Mining

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

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

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

SIGNED *[Signature]* TITLE Agent

DATE 5/6/2002

(This space for Federal or State office use)

APPROVED BY TITLE

DATE MAY 08 2002

CONDITIONS OF APPROVAL, IF ANY:

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

RECEIVED

DIVISION OF  
OIL, GAS AND MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICE AND REPORTS ON WELLS

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

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

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)  
**607' FSL 710' FWL (SW/SW)  
SECTION 18, T9S, R23E**

5. Lease Designation and Serial No.  
**U-0337**

6. If Indian, Allottee or Tribe Name

7. If Unit or C.A., Agreement Designation  
**CHAPITA WELLS UNIT**

8. Well Name and No.  
**CWU 804-18**

9. API Well No.  
**43-047-34077**

10. Field and Pool or Exploratory Area

11. County                      State  
**UINTAH,                      UTAH**

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

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

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

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

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

RECEIVED  
MAY 06 2002

CONDITIONS OF APPROVAL ATTACHED

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

SIGNED *Ed L. Grotte* TITLE Agent DATE 5/6/2002

(This space for Federal or State office use)

APPROVED BY *Kirk F. ...* TITLE Petroleum Engineer DATE 6/6/02

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED  
JUN 12 2002

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

DIVISION OF  
OIL, GAS AND MINING

DOG/M

EOG Resources, Inc.  
APD Extension

Well: CWU 804-18

Location: SWNE Sec. 18, T9S, R23E

Lease: UTU 0337

**Conditions of Approval**

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

1. The extension will expire 08/01/03
2. No other extensions beyond that period will be granted or allowed.

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

**RECEIVED**

JUN 12 2002

DIVISION OF  
OIL, GAS AND MINING

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
U-0337

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  
N/A

7. UNIT or CA AGREEMENT NAME:  
CHAPITA WELLS UNIT

8. WELL NAME and NUMBER:  
CHAPITA WELLS UNIT 804-18

9. API NUMBER:  
047-34077

10. FIELD AND POOL, OR WILDCAT:  
NATURAL BUTTES

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. TYPE OF WELL  
OIL WELL  GAS WELL  OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
EOG RESOURCES, INC.

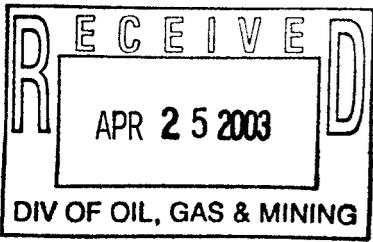
3. ADDRESS OF OPERATOR:  
P.O. Box 1910 CITY Vernal STATE UT ZIP 84078

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: 607' FSL, 710' FWL COUNTY: Uintah  
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 18 9S 23E STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: <u>Extend APD</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
EOG RESOURCES, INC. requests that the APD for the subject well be extended for one year.



Approved by the  
Utah Division of  
Oil, Gas and Mining  
Date: 05-01-03  
By: [Signature]

NAME (PLEASE PRINT) Ed Trotter TITLE Agent

SIGNATURE [Signature] DATE 4/23/2003

(This space for State use only)

COPY SENT TO OPERATOR  
Date: 05-02-03  
Initials: CHO

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

OPERATOR ACCT. NO. N 9550  
FAX: EARLENE RUSSELL  
(801) 359-3940

ENTITY ACTION FORM - FORM 6

F-020 P.01/01 T-049

3072763335

From-EOG - BIG PINEY, WY.

May-13-03 08:21am

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SEC.	TP	RG			
X8	99999	13780	43-047-34077	CHAPITA WELLS UNIT 804-18	SWSW	18	9S	23E	UINTAH	5/9/2003	5/14/03
<b>CONFIDENTIAL</b>											

**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.

*Kate Carlson*  
\_\_\_\_\_  
Signature  
Regulatory Analyst  
Title

5/13/2003  
\_\_\_\_\_  
Date

Phone No. (307) 276-4842  
\_\_\_\_\_

(3/89)

To: CD

RECEIVED  
MAY 13 2003  
DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
U 0337

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

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

8. Well Name and No.  
CHAPITA WELLS UNIT 804-18

9. API Well No.  
43-047-34077

10. Field and Pool, or Exploratory  
CHAPITA WELLS/MESAVERDE

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

CONFIDENTIAL

1. Type of Well  
 Oil Well  Gas Well  Other

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

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

3b. Phone No. (include area code)  
Ph: 307.276.4842  
Fx: 307.276.4842

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 18 T9S R23E SWSW 607FSL 710FWL

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

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

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

EOG Resources, Inc. spud 12-1/4" surface hole at the subject location 5/09/2003. The contractor was Dall Cook's Air Drilling. Ed Forsman of the Vernal BLM office and Carol Daniels of the Utah Division of Oil, Gas & Mining were notified of spud 5/09/2003.

14. I hereby certify that the foregoing is true and correct.  
**Electronic Submission #21746 verified by the BLM Well Information System For EOG RESOURCES, INC., will be sent to the Vernal**

Name (Printed/Typed) KATY CARLSON Title REGULATORY ANALYST

Signature (Electronic Submission) *Katy Carlson* Date 05/13/2003

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office _____	<b>RECEIVED</b>

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

MAY 15 2003

**\*\* DRAFT \*\* DRAFT \*\* DRAFT \*\* DRAFT \*\* DRAFT \*\* DRAFT \*\* DRAFT \*\***

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
U 0337

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

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

8. Well Name and No.  
CHAPITA WELLS UNIT 804-18

9. API Well No.  
43-047-34077

10. Field and Pool, or Exploratory  
CHAPITA WELLS/MESAVERDE

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

**CONFIDENTIAL**

1. Type of Well  
 Oil Well  Gas Well  Other

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

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

3b. Phone No. (include area code)  
Ph: 307.276.4842  
Fx: 307.276.4842

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 18 T9S R23E SWSW 607FSL 710FWL

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

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

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

**AMENDED**

EOG Resources, Inc. spud 17-1/2" surface hole at the subject location 5/09/2003. The contractor was Dall Cook's Air Drilling. Ed Forsman of the Vernal BLM office and Carol Daniels of the Utah Division of Oil, Gas & Mining were notified of spud 5/09/2003.

**RECEIVED**  
**MAY 16 2003**  
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.  
**Electronic Submission #21849 verified by the BLM Well Information System For EOG RESOURCES, INC., will be sent to the Vernal**

Name (Printed/Typed) KATY CARLSON Title REGULATORY ANALYST

Signature (Electronic Submission) *Katy Carlson* Date 05/14/2003

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

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

Office \_\_\_\_\_

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Serial No.  
**U-0337**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
**CHAPITA WELLS UNIT**

8. Well Name and No.  
**CWU 804-18**

9. API Well No.  
**43-047-34077**

10. Field and Pool, or Exploratory Area

11. County or Parish, State  
**UINTAH UTAH**

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well  
 Oil Well     Gas Well     Other

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**607' FSL, 710' FWL, SW/SW**  
**SECTION 18, T9S, R23E**

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

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

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

**EOG RESOURCES, INC. IS REQUESTING AUTHORIZATION TO DRILL THE SUBJECT WELL TO A TOTAL DEPTH OF 10,865'.**

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

**COPY SENT TO OPERATOR**  
Date: 6-10-03  
Initials: CHD

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

Name (Printed/Typed)    **Ed Trotter**                      Date: 06-10-03                      Agent

Signature                      *Ed Trotter*                      By: *[Signature]*                      Date                      05/06/03

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

**RECEIVED**

Approved by                      TITLE                      DATE                      **MAY 21 2003**

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

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

(Instructions on reverse)

**EIGHT POINT PLAN**

**CHAPITA WELLS UNIT 804-18**  
**SW/SW, SEC. 18, T9S, R23E, S.L.B.&M.**  
**UINTAH COUNTY, UTAH**

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

<b>FORMATION</b>	<b>DEPTH (KB)</b>
Green River	1842'
Wasatch	4731'
Island	7193'
KMV Cret. Price River	7401'
KMV Middle Price River	7956'
KMV Lower Price River	8691'
Sego	9166'
KMV Castlegate	9321'
Base of Castlegate Sandstone (Top of Black Hawk Shale)	9551'
KMV Black Hawk	9821'
Mancos	10366'
Mancos 'B'	10541'

EST. TD: 10,865

Anticipated BHP 4700 PSI

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

**4. CASING PROGRAM:**

<b><u>HOLE SIZE</u></b>	<b><u>INTERVAL</u></b>	<b><u>LENGTH</u></b>	<b><u>SIZE</u></b>	<b><u>WEIGHT</u></b>	<b><u>GRADE</u></b>	<b><u>THREAD</u></b>	<b><u>MINIMUM SAFETY FACTO</u></b>		
							<b><u>COLLAPSE</u></b>	<b><u>BURST</u></b>	<b><u>TENSILE</u></b>
17 1/2"	0' - 250' +/- GL	250' +/-	13 3/8"	48.0 #	H-40	ST&C	770 PSI	1730 PSI	322,000#
12 1/4"	250' - 2700' +/- KB	2700' +/-	9 5/8"	36.0 #	J-55	ST&C	2020 PSI	3520 PSI	394,000#
7 7/8"	2700' -- TD +/--KB	10,865' +/-	4 1/2"	11.6 #	N-80	LT&C	6350 PSI	7780 PSI	223,000#

All casing will be new or inspected.

**5. Float Equipment:**

**Surface Hole Procedure (0-250' Below GL):**

Guide Shoe  
Wooden wiper plug  
Centralizers: 1 - 5-10' above shoe, every collar for next 3 joints (4 total).  
Have bottom of first collar tack-welded, guide shoe and top of first collar thread-locked.

**Intermediate Hole Procedure (250-2700'):**

Guide Shoe  
Insert Float Collar (PDC drillable)  
Cents.: 1-5' above shoe, top of jts. #2 and #3 then every 5<sup>th</sup> joint to surface. (15 total)  
Have bottom of collar on jt. #1 tack-welded, thread-lock guide shoe and top of jt. #1.

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MAY 21 2003

DIV. OF OIL, GAS & MINING

## EIGHT POINT PLAN

### CHAPITA WELLS UNIT 804-18 SW/SW, SEC. 18, T9S, R23E, S.L.B.&M. UINTAH COUNTY, UTAH

#### Float Equipment (Continued):

##### Production Hole Procedure (2700'-TD):

FS, 1 joint of casing, FC, and balance of casing to surface (DFFS and DFFC are ok, if preferred). Run marker collars or short casing joints at  $\pm 7400'$  (top of Price River) and  $\pm 4200'$  (500' above top of Wasatch). If marker collars are used, alter depth if needed to avoid placing across any potentially-productive intervals. Centralize 5' above shoe on joint #1, top of joint #2; then every 2nd joint to 400' above Island top (50 total). Thread lock FS, top and bottom of FC, and top of 2<sup>nd</sup> joint.

NOTE: Differential pressure rating on internal valves in float equipment is 4000 psi, Burst on float equipment body: 9625 psi, Collapse: 9900 psi.

#### 6. MUD PROGRAM

##### Surface Hole Procedure (0-250' below GL):

Air – Air Water Mist

##### Intermediate Hole Procedure (250-2700'):

Water (circulate through reserve pit) with Gel/LCM sweeps.

##### Production Hole Procedure (2700'-TD):

2700' - 4500' Water (circulate through reserve pit) with Gel/LCM sweeps.

4500' - 6900' Close in mud system. "Mud up" with **6.0 ppb** Diammonium Phosphate (DAP). Drill with DAP water, POLYPLUS for viscosity and hole cleaning, adding KLA-GARD B for supplemental inhibition. Also sweep hole periodically w/ Durogel / LCM sweeps to clean the hole and seal loss zones. Add additional LCM as hole dictates. Mud weight and vis as needed, water loss – no control.

6900' - TD Discontinue KLA-GARD B. Utilize POLYPAC-R for fluid loss control. Maintain **5.5 ppb** DAP. **Do not mix caustic or lime.** Maintain 7.5-8.5 pH. Weight up system and add vis as hole conditions require. Run LCM sweep periodically to seal off loss zones or more often as hole dictates. Water loss: 20 cc's maximum. Expect increasing gas shows requiring heavier mud weights from top of Island onward. Treat CO<sub>2</sub> contamination with DESCO CF and OSIL (Oxygen scavenger) if mud properties dictate.

**EIGHT POINT PLAN**

**CHAPITA WELLS UNIT 804-18**  
**SW/SW, SEC. 18, T9S, R23E, S.L.B.&M.**  
**UINTAH COUNTY, UTAH**

**7. VARIANCE REQUESTS:**

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

**8. EVALUATION PROGRAM:**

Logs: SCHLUMBERGER PLATFORM EXPRESS from TD to base of surface casing & BHC Sonic from TD to surface in One run.

**9. CEMENT PROGRAM:**

**Surface Hole Procedure (0-250' Below GL)**

**Lead:** 300 sx. (100% excess volume) Class 'G' cement with 2% S1 (CaCl<sub>2</sub>) & 0.25 pps D29 (cellophane flakes), mixed at 15.8 ppg, 1.15 cu. ft./sk., 4.95 gps water.

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

Install 6' x 4' cellar ring, drill rat and mouse holes, RDMO Rocker spud rig.

**Intermediate Hole Procedure (250-2700')**

**Lead:** 85 sx. (50% excess volume) Class 'G' lead cement (coverage from 1700-1000') with 5% D44 (Salt), 12% D20 (Bentonite), 1% D79% (Extender), 0.25% D112 (Fluid Loss Additive), 0.2% D46 (Anti-Foamer) & 0.25 pps D29 (Cellophane flakes) mixed at 11.0 ppg, 3.91 ft<sup>3</sup>/sk., 24.5 gps water.

**Tail:** 290 sx. (50% excess volume) Class 'G' cement (coverage from 2700-1700') with 10% D53 (Gypsum), 2% S1 (CaCl<sub>2</sub>) & 0.25 pps D29 (Cellophane flakes) mixed at 14.2 ppg, 1.61 ft<sup>3</sup>/sk., 7.9 gps water.

Bump plug with fresh water. Do not pump over ½ of shoe volume past calculated displacement. Note and record final lift pressure and plug bump pressure.

**EIGHT POINT PLAN**

**CHAPITA WELLS UNIT 804-18**  
**SW/SW, SEC. 18, T9S, R23E, S.L.B.&M.**  
**UINTAH COUNTY, UTAH**

**9. CEMENT PROGRAM (Continued):**

**Production Hole Procedure (2700' to TD)**

**Lead:** 35:65 Poz G w/ 4% D20 (Bentonite), 2% D174 (Extender), 0.2% D65 (Dispersant), 0.2% D46 (Antifoamer), 0.75% D112 (Fluid Loss Additive), 0.15% D13 (Retarder), 0.25 pps D29 (celloflakes). mixed at 13.0 ppg, 1.73 cu. ft./sk., 9.06 gps water.

**Tail:** 50:50 Poz G w/ 2% D20 (Bentonite), 0.1% D46 (Antifoamer), 0.15% D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1 ppg, 1.28 cu. ft./sk., 5.9 gps water.

**10. ABNORMAL CONDITIONS:**

**INTERMEDIATE HOLE PROCEDURE (250-2700')**

**Potential Problems:** Lost circulation below 1800' and minor amounts of gas may be present. Monitor for and report any hydrocarbon shows and/or water zones. (One offset well located ½ mi. southwest of the CWU 804-18, experienced a strong water flow at 1561' while drilling with air/mist). A very few wells in the general region have experienced severe deviation (up to 18° inclination) beginning around 2000'. This deviation problem has been determined to be associated with gilsonite-filled vertical faults, whose existence and extent are not able to be predicted beforehand.

**PRODUCTION HOLE PROCEDURE 2700'-TD**

**Potential Problems:** Research indicates that mud losses are possible throughout all of the 7-7/8" hole and are almost a certainty when weights exceed 10.8 ppg. (Lost circulation was encountered in several wells around the CWU 804-18). Have a variety of LCM particle sizes on location in ample supplies to cover your needs. At the same time, formation pressures in productive zones could require up to 13.0 ppg mud weights to control. Also, an offset well located ½ mi. north of the CWU 804-18 experienced an increase in hole angle to 8° at 4300', requiring use of stabilization, high RPM's and minimal WOB's with resulting loss of ROP to correct. Sloughing shales and keyseat development are possible in the Wasatch Formation. CO2 contamination in the mud is possible in the Price River (Mesaverde).

**11. STANDARD REQUIRED EQUIPMENT:**

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

**EIGHT POINT PLAN**

**CHAPITA WELLS UNIT 804-18**  
**SW/SW, SEC. 18, T9S, R23E, S.L.B.&M.**  
**UINTAH COUNTY, UTAH**

**12. HAZARDOUS CHEMICALS:**

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

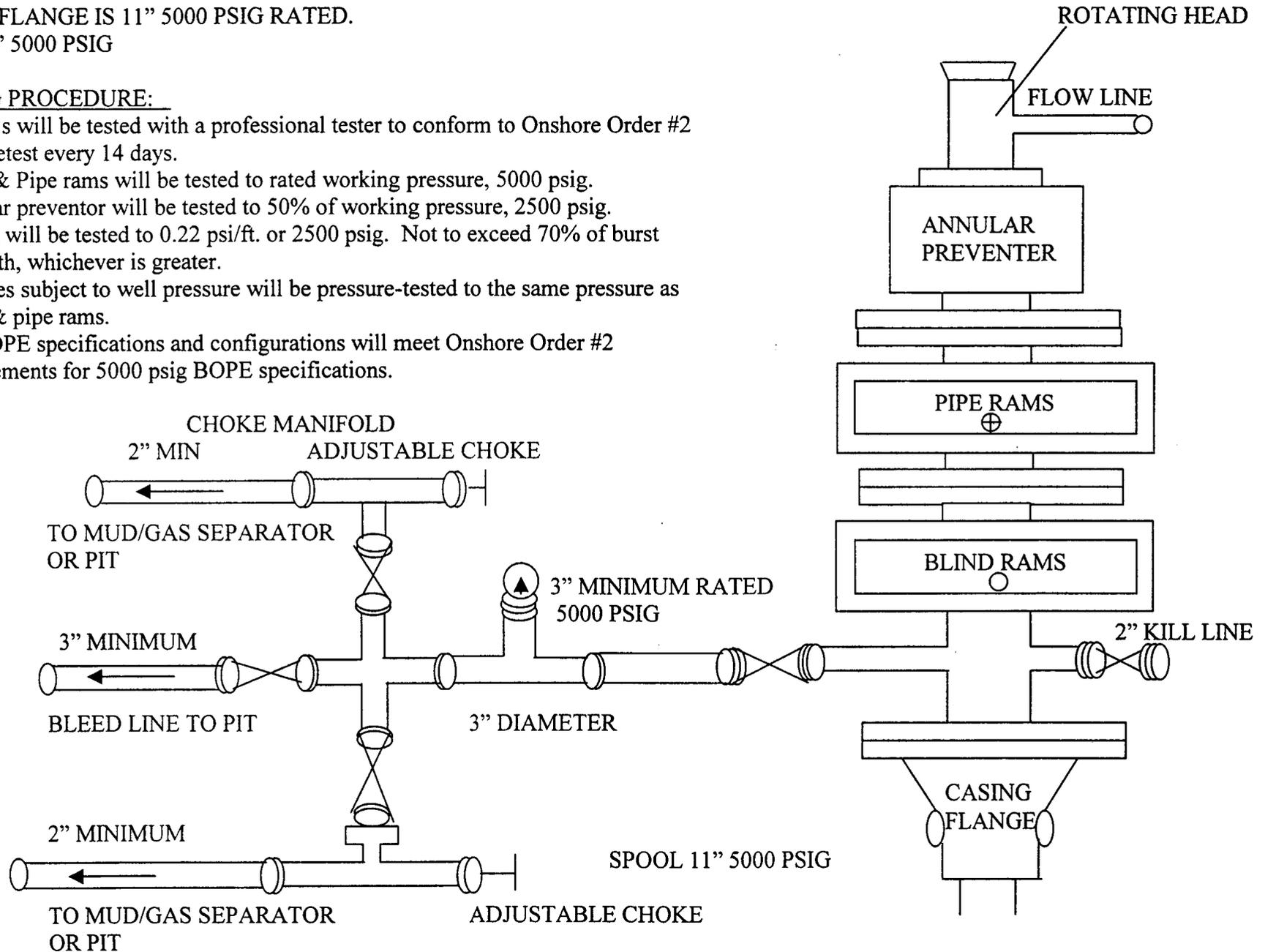
(Attachment: BOP Schematic Diagram)

## 5000 PSIG DIAGRAM

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

### TESTING PROCEDURE:

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



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**CONFIDENTIAL**

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

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
U 0337

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
CHAPITA WELLS UNIT 804-18

9. API Well No.  
43-047-34077

10. Field and Pool, or Exploratory  
CHAPITA WELLS/MANCOS

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

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well  
 Oil Well  Gas Well  Other

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

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

3b. Phone No. (include area code)  
Ph: 307.276.4842

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 18 T9S R23E SWSW 607FSL 710FWL  
40.03060 N Lat, 109.37580 W Lon

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

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

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

EOG Resources, Inc. 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).
- RN Industries.

14. I hereby certify that the foregoing is true and correct.  
**Electronic Submission #23691 verified by the BLM Well Information System For EOG RESOURCES, INC., will be sent to the Vernal**

Name (Printed/Typed) KATY CARLSON Title REGULATORY ANALYST

Signature (Electronic Submission) *Katy Carlson* Date 06/26/2003

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

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

Office \_\_\_\_\_

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

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**JUN 30 2003**

**DIV. OF OIL, GAS & MINING**

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**CONFIDENTIAL**

FORM APPROVED  
OMB No. 1004-0137

Expires: November 30, 2000

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
U 0337

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

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.  
CHAPITA WELLS

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

8. Lease Name and Well No.  
CHAPITA WELLS UNIT 804-18

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

3a. Phone No. (include area code)  
Ph: 307.276.4842

9. API Well No.  
43-047-34077

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface SWSW Lot 4 607FSL 710FWL 40.03060 N Lat, 109.37580 W Lon  
At top prod interval reported below SWSW Lot 4 607FSL 710FWL 40.03060 N Lat, 109.37580 W Lon  
At total depth SWSW Lot 4 607FSL 710FWL 40.03060 N Lat, 109.37580 W Lon

10. Field and Pool, or Exploratory  
CHAPITA WELLS/MANCOS

11. Sec., T., R., M., or Block and Survey  
or Area Sec 18 T9S R23E Mer SLB

12. County or Parish  
UINTAH 13. State  
UT

14. Date Spudded  
05/09/2003

15. Date T.D. Reached  
05/29/2003

16. Date Completed  
 D & A  Ready to Prod.  
06/17/2003

17. Elevations (DF, KB, RT, GL)\*  
4976 GL

18. Total Depth: MD 10849  
TVD 10849

19. Plug Back T.D.: MD 10814  
TVD 10814

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
PLATFORM EXPRESS LOGS & CBL/DL/GR/CCL 6-13-03  
DIL/C/GR, CNIT/DIGR, MICROLOG/GR-6-4-03

22. Was well cored?  No  Yes (Submit analysis)  
Was DST run?  No  Yes (Submit analysis)  
Directional Survey?  No  Yes (Submit analysis)

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H-40	48.0	0	215		275			
12.250	9.625 K-55	36.0	0	2698		375			
7.875	4.500 N-80	10.6	0	10849		2778			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	10753							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MANCOS	10593	10733	10593 TO 10733	0.380	22	PRODUCING
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material	PERIOD EXPIRED
10593 TO 10733	54,371 GALS GELLED WATER & 191,732# 20/40 SAND.	ON 7-10-04

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
06/17/2003	06/25/2003	24	→	0.0	334.0	40.0			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
12/64	SI 720	1300.0	→	0	334	40		PGW	

28a. Production - Interval B

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

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

ELECTRONIC SUBMISSION #23640 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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JUN 30 2003

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28b. Production - Interval C

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

28c. Production - Interval D

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

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

30. Summary of Porous Zones (Include Aquifers):

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

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
WASATCH	4731	7193	SANDSTONE	WASATCH	4752
ISLAND	7193	7401	SANDSTONE	NORTH HORN	6591
MIDDLE PRICE RIVER	7401	7956	SANDSTONE	UPPER PRICE RIVER	7288
LOWER PRICE RIVER	7956	8691	SANDSTONE	MIDDLE PRICE RIVER	7915
BIT TRIP SEGO	8691	9166		LOWER PRICE RIVER	8719
SEGO	9166	9321	SANDSTONE	SEGO	9197
KMV CASTLEGATE	9321	9551	SANDSTONE	CASTLEGATE	9363
BIT TRIP BLACKHAWK	9551	9754	SHALE	BLACKHAWK	9845
BASE CASTLEGATE	9754	9821	SHALE	MANCOS	10318
KMV BLACKHAWK	9821	10356	SANDSTONE	MANCOS B	10610
MANCOS	10356	10541	SHALE		
MANCOS "B"	10541	10865	SANDSTONE		

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

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

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

Electronic Submission #23640 Verified by the BLM Well Information System.  
For EOG RESOURCES, INC., will be sent to the Vernal

Name (please print) KATY CARLSON Title REGULATORY ANALYST

Signature (Electronic Submission)  Date 06/26/2003

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2004

5. Lease Serial No.  
U 0337

1a. Type of Well:  Oil Well  Gas Well  Dry  Other  
 b. Type of Completion:  New Well  Work Over  Deepen  Plug Back  Diff. Resv.  
 Other: \_\_\_\_\_

6. If Indian, Allottee or Tribe Name

2. Name of Operator

7. Unit or CA Agreement Name and No.

EOG RESOURCES, INC.

CHAPITA WELLS UNIT

3. Address

3a. Phone No. (include area code)

8. Lease Name and Well No.

P.O. BOX 250, BIG PINEY, WYOMING 83112

(307) 276-4842

CHAPITA WELLS UNIT 804-18

9. API Well No.

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

43-047-34077

At surface 607' FSL - 710' FWL (SW/SW, LOT 4)

10. Field and Pool, or Exploratory

At top prod. interval reported below SAME

CHAPITA WELLS/MESAVERDE

At total depth SAME

11. Sec., T., R., M., on Block and Survey or Area  
SECTION 18, T9S, R23E

12. County or Parish UINTAH 13. State UTAH

14. Date Spudded

15. Date T.D. Reached

16. Date Completed

17. Elevations (DF, RKB, RT, GL)\*

5/09/2003

5/30/2003

D&A  Ready to Prod.

5242' GL

8/25/2003

18. Total Depth: MD 10,849'  
TVD

19. Plug Back T.D.: MD 10,814'  
TVD

20. Depth Bridge Plug Set: MD 9350'  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

22. Was well cored?  No  Yes (Submit analysis)  
 Was DST run?  No  Yes (Submit report)  
 Directional Survey?  No  Yes (Submit copy)

SEE ADDITIONAL INFORMATION

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/4"	13-3/8"	48# H40	0	215'		275 G			
12-1/4"	9-5/8"	36# K55	0	2698'		375 RFC &	HI-LIFT		
7-7/8"	4-1/2"	11.6# N80	0	10.858		2778 POZ			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-3/8"	9250'							

25. Producing Intervals

MURD/BGH

26. Perforation Record

Formation	TOP	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) LOWER PRICE RIVER	9099	9227	9099-9227	0.380	30	PRODUCING
B)	8822	9017	8822-9017	0.380	33	PRODUCING
C) MIDDLE PRICE RIVER	8536	8755	8536-8755	0.380	27	PRODUCING
D)						

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

Depth Interval	Amount and Type of Material
9099-9227	55,973 GALS GELLED WATER & 192.816# 20/40 SAND.
8822-9017	54,752 GALS GELLED WATER & 190,212# 20/40 SAND.
8536-8755	53,824 GALS GELLED WATER & 189,780# 20/40 SAND.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
8/25/03	9/08/03	24	<input type="checkbox"/>	33	506	92			
Choke Size	Tbg. Press. Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
14/64"	1000	1650	<input type="checkbox"/>	33	506	92			

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DIV. OF OIL, GAS & MINING

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			<input type="checkbox"/>						
Choke Size	Tbg. Press. Flwg. SI	Call Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			<input type="checkbox"/>						

28b. Production - Interval C

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

28c. Production - Interval D

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

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

30. Summary of Porous Zones (Include Aquifers):

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

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
WASATCH	4731	7193	SANDSTONE	WASATCH	4752
ISLAND	7193	7401	SANDSTONE	NORTH HORN	6591
PRICE RIVER	7401	9106	SANDSTONE	UPPER PRICE RIVER	7288
SEGO	9106	9321	SANDSTONE	MIDDLE PRICE RIVER	7915
CASTLEGATE	9321	9551	SANDSTONE	LOWER PRICE RIVER	8719
CASTLEGATE BS	9551	9821	SHALE	SEGO	9197
BLACKHAWK	9821	10,366	SANDSTONE	CASTLEGATE	9363
MANCOS	10,366	10,541	SHALE	BLACKHAWK	9845
MANCOS	10,541	10,865	SANDSTONE	MANCOS	10,318
				MANCOS "B"	10,610

32. Additional remarks (include plugging procedure):

LOGS: Compensated Neutron Triple Litho Density, GR, Borehole Compensated Sonic/GR, Microlog, GR, Array Induction w/Linear Correlation, GR, CBL, VDL, GR, CCL

33. Circle enclosed attachments:

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

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

Name (please print) KATY CARLSON Title REGULATORY ANALYST

Signature *Katy Carlson* Date September 9, 2003

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
U 0337

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

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

1. Type of Well  
 Oil Well  Gas Well  Other

8. Well Name and No.  
CHAPITA WELLS UNIT 804-18

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

9. API Well No.  
43-047-34077

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

3b. Phone No. (include area code)  
Ph: 307.276.4842

10. Field and Pool, or Exploratory  
CHAPITA WELLS, MESAVERDE

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 18 T9S R23E SWSW 607FSL 710FWL  
40.03060 N Lat, 109.37580 W Lon

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

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

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

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

EOG Resources, Inc. continued the completion of additional pay in the Mesaverde formation of the subject well as follows:

1. Perforated Middle Price River formation from <sup>3165' to Katy</sup> 8205-07', 8254-56', 8292-93', 8328-31', 8373-74', 8450-52' & 8482-83'. Fracture stimulated w/54,518 gals gelled water & 191,265# 20/40 sand.
2. Perforated Middle Price River formation from 7858-61', 7933-35', 7943-44', 7994-95', 8014-15', 8077-80' & 8111-12'. Fracture stimulated w/54,091 gals gelled water & 191,793# 20/40 sand.
3. Perforated Lower Price River from formation 7535-38', 7584-85', 7652-53', 7688-91', 7741-42', 7764-65' & 7788-89'. Fracture stimulated w/56,349 gals gelled water & 202,778# 20/40 sand.
4. Returned well to production 8/24/2003.

TEST: 9/17/2003, 438 MCFD, 40 BC, 58 BW in 24 hours on a 14/64" choke, FTP 1000 psig, CP 1550' psig.

14. I hereby certify that the foregoing is true and correct.  
**Electronic Submission #24939 verified by the BLM Well Information System For EOG RESOURCES, INC., sent to the Vernal**

Name (Printed/Typed) KATY CARLSON Title REGULATORY ANALYST

Signature (Electronic Submission) *Katy Carlson* Date 11/12/2003

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

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

Office \_\_\_\_\_

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

**RECEIVED**  
NOV 17 2003

**\*\* ORIGINAL \*\* ORIGINAL \*\***

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
U 0337

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

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

1. Type of Well  
 Oil Well  Gas Well  Other

CONFIDENTIAL

8. Well Name and No.  
CHAPITA WELLS UNIT 804-18

2. Name of Operator  
EOG RESOURCES, INC.

Contact: KATY CARLSON  
E-Mail: Kathleen\_Carlson@EOGResources.com

9. API Well No.  
43-047-34077

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

3b. Phone No. (include area code)  
Ph: 307.276.4842

10. Field and Pool, or Exploratory  
CHAPITA WELLS, MESAVERDE

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

Sec 18 T9S R23E SWSW 607FSL 710FWL  
40.03060 N Lat, 109.37580 W Lon

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

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

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

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

**AMENDED 11/18/2003**

EOG Resources, Inc. continued the completion of additional pay in the Mesaverde formation of the subject well as follows:

1. Perforated Middle Price River formation from 8205-07', 8254-56', 8292-93', 8328-31', 8373-74', 8450-52' & 8482-83'. Fracture stimulated w/54,518 gals gelled water & 191,265# 20/40 sand.
2. Perforated Middle Price River formation from 7858-61', 7933-35', 7943-44', 7994-95', 8014-15', 8077-80' & 8111-12'. Fracture stimulated w/54,091 gals gelled water & 191,793# 20/40 sand.
3. Perforated Lower Price River from formation 7535-38', 7584-85', 7652-53', 7688-91', 7741-42', 7764-65' & 7788-89'. Fracture stimulated w/56,349 gals gelled water & 202,778# 20/40 sand.
4. Returned well to production 8/24/2003.

TEST: 9/17/2003, 438 MCFD, 40 BC, 58 BW in 24 hours on a 14/64" choke, FTP 1000 psig, CP 1550' psig.

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

**Electronic Submission #25237 verified by the BLM Well Information System  
For EOG RESOURCES, INC., sent to the Vernal**

Name (Printed/Typed) KATY CARLSON

Title REGULATORY ANALYST

Signature (Electronic Submission) 

Date 11/18/2003

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

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

Office \_\_\_\_\_

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

\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL

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NOV 20 2003

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

REVISED 1/13/04

**CONFIDENTIAL**

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No. U-0337

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No. CHAPITA WELLS

8. Lease Name and Well No. CHAPITA WELLS UNIT 804-18

9. API Well No. 43-047-34077

10. Field and Pool, or Exploratory CHAPITA WELLS/MANCOS

11. Sec., T., R., M., or Block and Survey or Area Sec 18 T9S R23E Mer SLB

12. County or Parish UINTAH 13. State UT

14. Date Spudded 05/09/2003 15. Date T.D. Reached 05/29/2003 16. Date Completed  D & A  Ready to Prod. 06/17/2003 17. Elevations (DF, KB, RT, GL)\* 5257 KB

18. Total Depth: MD 10858 TVD 10849 19. Plug Back T.D.: MD 10814 TVD 10814 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) PLATFORM EXPRESS LOGS & CBL/VDL/GR/CCL 22. Was well cored?  No  Yes (Submit analysis) Was DST run?  No  Yes (Submit analysis) Directional Survey?  No  Yes (Submit analysis)

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H-40	48.0	0	217		275			
12.250	9.625 J-55	36.0	0	2698		375			
7.875	4.500 N-80	11.6	0	10858		2778			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	10753							

25. Producing Intervals 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MANCOS	10593	10733	10593 TO 10733	0.380	22	PRODUCING
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
10593 TO 10733	54,371 GALS GELLED WATER & 191,732# 20/40 SAND.

**RECEIVED**  
**JAN 15 2004**  
DIV. OF OIL, GAS & MINING

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
06/17/2003	06/25/2003	24	→	0.0	334.0	40.0			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
12/64	SI 720	1300.0	→	0	3344	40		PGW	

28a. Production - Interval B

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

(See Instructions and spaces for additional data on reverse side)  
ELECTRONIC SUBMISSION #23640 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
\*\* DRAFT \*\*

XC: BLM Orig + 2 DOGM (3) GMS Bride (1) TMILLER  
TWYsocki, EBrown

28b. Production - Interval C

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

28c. Production - Interval D

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

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

30. Summary of Porous Zones (Include Aquifers):

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

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
WASATCH	4731	7193	SANDSTONE	WASATCH	4752
ISLAND	7193	7401	SANDSTONE	NORTH HORN	6591
MIDDLE PRICE RIVER	7401	7956	SANDSTONE	UPPER PRICE RIVER	7288
LOWER PRICE RIVER	7956	8691	SANDSTONE	MIDDLE PRICE RIVER	7915
BIT TRIP SEGO	8691	9166		LOWER PRICE RIVER	8719
SEGO	9166	9321	SANDSTONE	SEGO	9197
KMV CASTLEGATE	9321	9551	SANDSTONE	CASTLEGATE	9363
BIT TRIP BLACKHAWK	9551	9754	SHALE	BLACKHAWK	9845
BASE CASTLEGATE	9754	9821	SHALE	MANCOS	10318
KMV BLACKHAWK	9821	10356	SANDSTONE	MANCOS B	10610
MANCOS	10356	10541	SHALE		

32. Additional remarks (include plugging procedure):

Perforated the Mancos formation from 10,593-95', 10,601-02', 10,646-48', 10,666-67', 10,684-85', 10,704-05', 10,713-14', 10,719-20' & 10,732-33 @ 2 SPF.

Turned to Sales through Questar Meter #5862. Condensate Production will be purchased by Teppco. Two 400 bbl tanks #'s 80082 & 80083 were set on location.

33. Circle enclosed attachments:

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

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

Electronic Submission #23640 Verified by the BLM Well Information System.  
For EOG RESOURCES, INC., will be sent to the Vernal

Name (please print) ALFREDA SCHULZ

Title SR. REGULATORY ASSISTANT

Signature \_\_\_\_\_ (Electronic Submission)

Date 01/13/2004

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

**REVISED 1/20/04**  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
U- 0337

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

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

1. Type of Well  
 Oil Well  Gas Well  Other

CONFIDENTIAL

8. Well Name and No.  
CHAPITA WELLS UNIT 804-18

2. Name of Operator  
EOG RESOURCES, INC.

Contact: ALFREDA SCHULZ  
E-Mail: alfreda\_schulz@eogresources.com

9. API Well No.  
43-047-34077

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

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

10. Field and Pool, or Exploratory  
CHAPITA WELLS/MESAVERDE

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
  
Sec 18 T9S R23E SWSW 607FSL 710FWL  
40.03060 N Lat, 109.37580 W Lon

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

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

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

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

EOG Resources, Inc. continued the completion of additional pay in the Mesaverde formation of the referenced well as follows:

1. Set 10K composite bridge plug 8510'. Perforated Middle Price River formation from 8205-07', 8254-56', 8292-93', 8328-31', 8373-74', 8450-52' & ~~8482-83'~~ @ 2 SPF. Fracture stimulated w/54,518 gals gelled water & 191,265# 20/40 sand.
2. Perforated Middle Price River formation from 7858-61', 7933-35', 7943-44', 7994-95', 8014-15', 8077-80' & 8111-12' @ 2 SPF. Set 10K Composite bridge plug @ 8150'. Fracture stimulated w/54,091 gals gelled water & 191,793# 20/40 sand.
3. Set 10K composite bridge plug @ 7825'. Perforated Upper Price River formation from ~~7535-38'~~ 7584-85', 7652-53', 7688-91', 7741-42', 7764-65' & 7788-89' @ 2 SPF. Fracture stimulated w/56,349 gals gelled water & 202,778# 20/40 sand. Drilled out bridge plugs. Bridge Plug over the Mancos formation left in place.

RECEIVED

JAN 15 2004

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

Electronic Submission #26734 verified by the BLM Well Information System  
For EOG RESOURCES, INC., will be sent to the Vernal

Name (Printed/Typed) ALFREDA SCHULZ

Title SR. REGULATORY ASSISTANT DIV. OF OIL, GAS & MINING

Signature (Electronic Submission)

Date 01/13/2004

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

<p>Approved By _____</p> <p>Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.</p>	<p>Title _____</p> <p>Office _____</p>	<p>Date _____</p>
---	--	-------------------

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

\*\* DRAFT \*\*

Additional data for EC transaction #26734 that would not fit on the form

CONFIDENTIAL

**32. Additional remarks, continued**

4. Returned well to sales @ 4:00 p.m. 8/25/2003 producing from Lower, Middle and Upper Price formations through Questar Meter #5862.

TEST: 9/17/2003, 438 MCFD, 40 BC, 58 BW in 24 hours on a 14/64" choke, FTP 1000 psig, CP 1550' psig.



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155



IN REPLY REFER TO  
UT-922

February 27, 2004

EOG Resources, Inc.  
Attn: Debbie Spears  
600 Seventeenth Street  
Suite 100N  
Denver, Colorado 80202

Re: Initial Mesaverde Formation PA "C"  
Chapita Wells Unit  
Uintah County, Utah

Gentlemen:

The Initial Mesaverde Formation Participating Area "C", Chapita Wells Unit, CRS No. UTU63013G, AFS No. 892000905G, is hereby approved effective as of July 31, 2003, pursuant to Section 11 of the Chapita Wells Unit Agreement, Uintah County, Utah.

The Initial Mesaverde Formation Participating Area results in an Initial Participating Area of 156.92 acres and is based upon the completion of Well No. 804-18, API No. 43-047-34077, located in the SW $\frac{1}{4}$ SW $\frac{1}{4}$  of Section 18, Township 9 South, Range 23 East, SLM&B, Federal Unit Tract No. 7, Lease No. UTU0337, as being a well capable of producing unitized substances in paying quantities.

Copies of the approved request are being distributed to the appropriate agencies and one copy is returned herewith. Please advise all interested parties of the approval of the Initial Mesaverde Formation Participating Area, Chapita Wells Unit, and the effective date.

Sincerely,

/s/ Terry Catlin

Terry Catlin  
Acting Chief, Branch of Fluid Minerals

### Enclosure

bcc: Minerals Adjudication Group w/exhibit b  
Division of Oil, Gas & Mining  
Chapita Wells Unit w/enclosure  
MMS - Data Management Division (Attn: Rose Davalos)  
Field Manager - Vernal w/enclosure  
Agr. Sec. Chron.  
Fluid Chron.

UT922:TATHOMPSON:tt:2/27/04

MAR 17 2004

- k

**ENTITY ACTION FORM**

Operator: EOG Resources Operator Account Number: N 9550  
 Address: PO Box 250  
city Big Piney  
state WY zip 83113 Phone Number: (307) 276-4833

**Well 1**

API Number	Well Name	QQ	Sec	Twp	Rng	County
4304734077	CWU 804-18	SWSW	18	09S	23E	Uintah
Action Code	Current Entity Number	New Entity Number		Spud Date		Entity Assignment Effective Date
D	13780	14074				3/18/2004
<b>Comments:</b> Reperft to MVRD 9/17/2003; BLM new PA MVRD "C" effective 2/27/04. Entity # 13780 is for non-PA formation (previously used for MNCS). Corrected by DOGM 3/18/04. ER						

**Well 2**

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

**Well 3**

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

**ACTION CODES:**

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

Earlene Russell For DOGM

Name (Please Print)

*Earlene Russell*

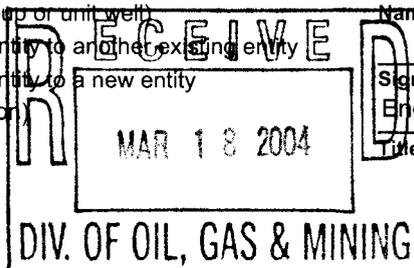
Signature

Engineering Tech

3/18/2004

Title

Date



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

FORM 6

**ENTITY ACTION FORM**

Operator: EOG Resources, Inc. Operator Account Number: N 9550  
 Address: 600 17th St., Suite 1000N  
city Denver  
state CO zip 80202 Phone Number: (303) 824-5526

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-34077	CWU 804-18		SWSW	18	9S	23E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
C	14074	13650				10/1/2006	
Comments: <u>MVRD</u> <u>12/31/07</u>							

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-36757	CWU 1048-18		SESW	18	9S	23E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
C	14074	13650	2/11/2007			10/1/2006	
Comments: <u>MVRD</u> <u>12/31/07</u>							

**Well 3**

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-36759	CWU 305-18		NWSW	18	9S	23E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
C	14074	13650	1/10/2007			10/1/2006	
Comments: <u>MVRD</u> <u>12/31/07</u>							

**ACTION CODES:**

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

Mary A. Maestas

Name (Please Print)

Signature

Regulatory Assistant

Title

12/26/2007

Date

**RECEIVED**

**DEC 26 2007**

(5/2000)

DIV. OF OIL, GAS & MINING