

**ENRON OIL & GAS COMPANY**

**P.O. Box 250  
Big Piney, WY 83113**

June 6, 1997

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 #484-13F  
NE/SW SEC. 13, T9S, R22E  
UINTAH COUNTY, UTAH  
LEASE NO. U-0282  
FEDERAL LAND-BLM**

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 # (801) 789-4120  
Fax # (801) 789-1420

Sincerely,

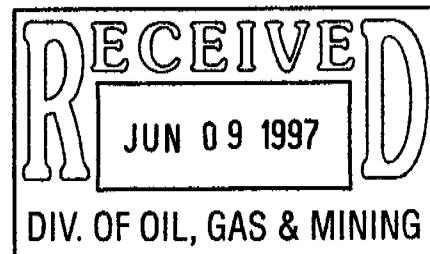


Ed Trotter  
Agent

**Enron Oil & Gas Company**

Attachments

/EHT/dmt



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  
 ENRON OIL & GAS COMPANY

3. ADDRESS AND TELEPHONE NO.  
 P.O. BOX 1815, VERNAL, UTAH 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface 576  
 1890' FSL & 1906' FWL NE/SW  
 At proposed prod. zone 681

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE  
 19.8 MILES SOUTHEAST OF OURAY, UTAH

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
 1890' +

16. NO. OF ACRES IN LEASE  
 2440

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 40

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 6920'

19. PROPOSED DEPTH  
 6920'

20. ROTARY OR CABLE TOOLS  
 ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 4909.2' GRADED GROUND

22. APPROX. DATE WORK WILL START\*  
 JUNE 1997

5. LEASE DESIGNATION AND SERIAL NO.  
 U-0282

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
 CHAPITA WELLS UNIT

8. FARM OR LEASE NAME, WELL NO.  
 CHAPITA WELLS UNIT

9. API WELL NO.  
 #484-13F

10. FIELD AND POOL, OR WILDCAT  
 CWU/WASATCH

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 SEC. 13, T9S, R22E

12. COUNTY OR PARISH  
 UINTAH

13. STATE  
 UTAH

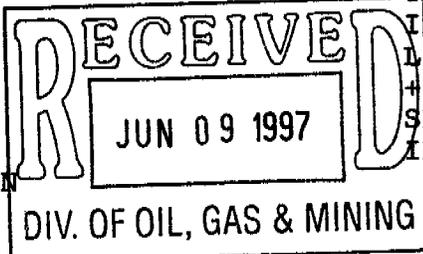
CONFIDENTIAL

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"	32.3#	240'	125 SX CLASS "G" + 2% CaCl <sub>2</sub> + 1/4 #/SX CELLOFLAKE. 50/50 POZMIX + 2% GEL + 10% SALT TO 400' ABOVE ALL ZONES OF INTEREST (+10% EXCESS). LIGHT CEMENT (11 PPG+) + LCM TO 200' ABOVE OIL SHALE OR FRESH WATER INTERVALS (+ 5% EXCESS).
7 7/8"	4 1/2"	10.5#	6920'	

SEE ATTACHMENTS FOR:

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



ENRON OIL & GAS COMPANY WILL BE THE DESIGNATED OPERATOR OF THE SUBJECT WELL UNDER NATIONWIDE BOND #81307603

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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.

24. SIGNED John R. Bay TITLE AGENT DATE 6-5-1997

(This space for Federal or State office use)

PERMIT NO. 43-047-32913 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 John R. Bay TITLE Petroleum Engineer DATE 7/7/97  
 \*See Instructions On Reverse Side

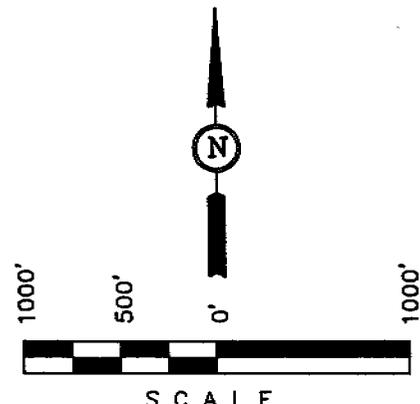
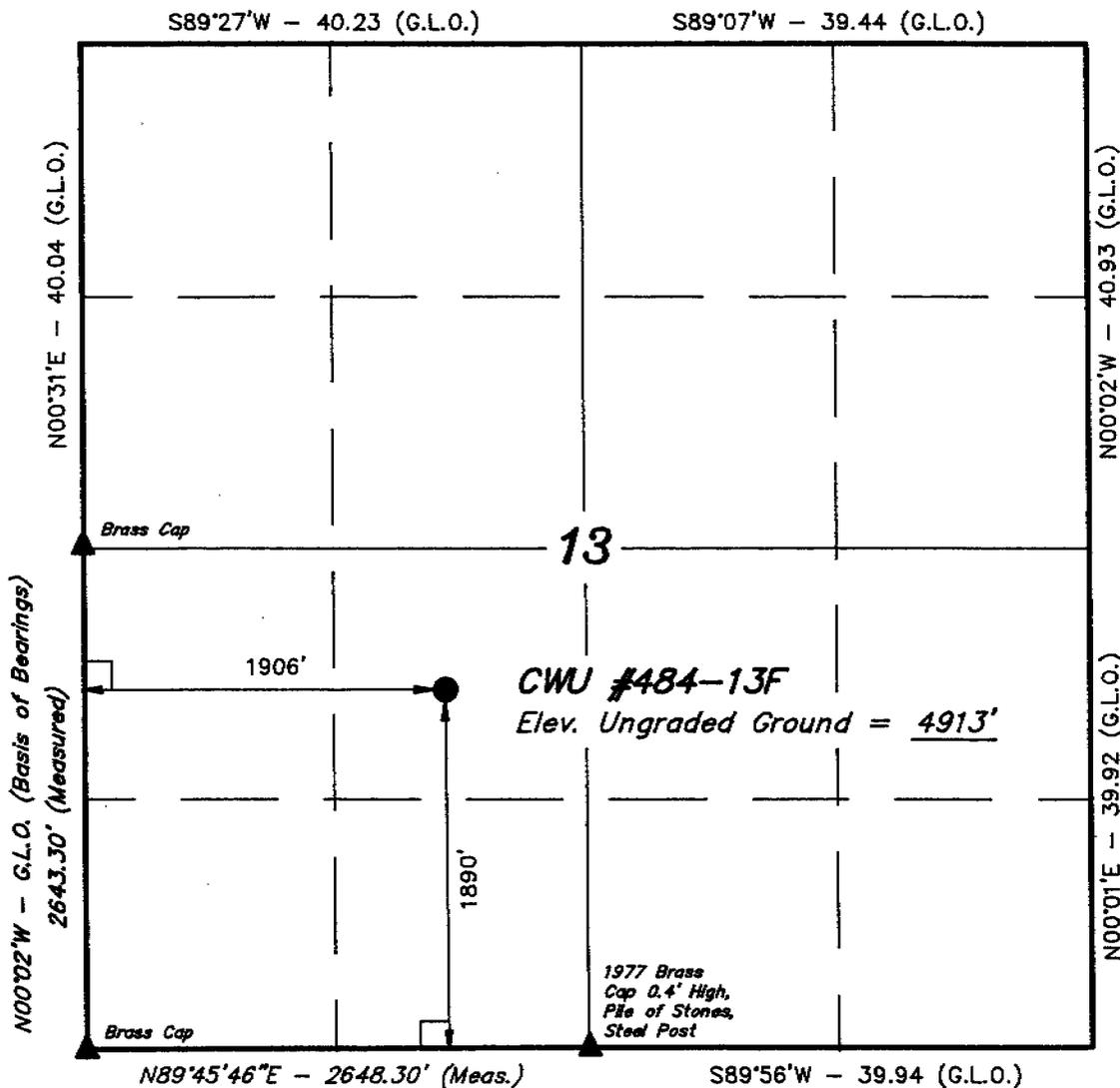
**ENRON OIL & GAS CO.**

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

Well location, CWU #484-13F, located as shown in the NE 1/4 SW 1/4 of Section 25, T9S, R22E, S.L.B.&M. Uintah County, Utah.

**BASIS OF ELEVATION**

BENCH MARK 61EAM 1965 LOCATED IN THE NE 1/4 OF SECTION 23, T9S, R22E, S.L.B.&M. TAKEN FROM THE RED WASH SW QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4938 FEET.



**CERTIFICATE**

THIS IS TO CERTIFY THAT THE **NEED LAND SURVEYING** 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 BEING 161319.

**ROBERT J. KAY**

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 008019

**LEGEND:**

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

**UINTAH ENGINEERING & LAND SURVEYING**  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(801) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 5-3-97	DATE DRAWN: 5-7-97
PARTY D.A. C.L. C.B.T.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE ENRON OIL & GAS CO.	

**EIGHT POINT PLAN**

**CHAPITA WELLS UNIT #484-13F**  
**NE/SW SEC. 13, T9S R22E**  
**UINTAH COUNTY, UTAH**

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

FORMATION	DEPTH	TYPE ZONES	MAXIMUM PRESSURE
Green River	2007		
Oil Shale	2007		
"H" Marker	3382		
"J" Marker	4022		
Base "M" Marker	4452		
Wasatch	4802		
Peters Point	4802	GAS	2000
Chapita Wells	5332	GAS	2000
Buck Canyon	5892	GAS	2000
Island	6815	GAS	2000
EST. TD	6920'	Anticipated BHP	2000 PSI

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

**4. CASING PROGRAM :**

HOLE SIZE	INTERVAL	LENGTH	SIZE	WEIGHT	GRADE	THREAD	MINIMUM SAFETY FACTOR		
							COLLAPSE	BURST	TENSILE
12 1/4	0' - 240'	240'	9 5/8	32.3 #	H-40	ST&C	1370 PSI	2270 PSI	254,000#
7 7/8	0' - 6815'	6815'	4 1/2	10.5 #	J-55	ST&C	4010 PSI	4790 PSI	146,000#

All casing will be new or inspected.

**5. MUD PROGRAM**

<u>INTERVAL</u>	<u>MUD TYPE</u>
0' - 240'	Air
240' - 4000'	Air/Mist & Aerated Water
4000' - TD	Air/3% KCL water or KCL substitute
TD	Gel/polyacrylamide polymer w/5-10% LCM

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

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

EIGHT POINT PLAN

CHAPITA WELLS UNIT #484-13F  
NE/SW SEC. 13, T9S R22E  
UINTAH COUNTY, UTAH

6. VARIANCE REQUESTS:

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

7. EVALUATION PROGRAM:

Logs:	Schlumberger Wireline Platform Express with Microlog & SP	From base of surface casing to TD. FDC-CNL-Cal-PE: 3100' to TD
Cores:	None Programmed	
DST':	None Programmed	

Completion: To be submitted at a later date.

8. ABNORMAL CONDITIONS:

None anticipated.

9. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Kelly Cock
- 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.

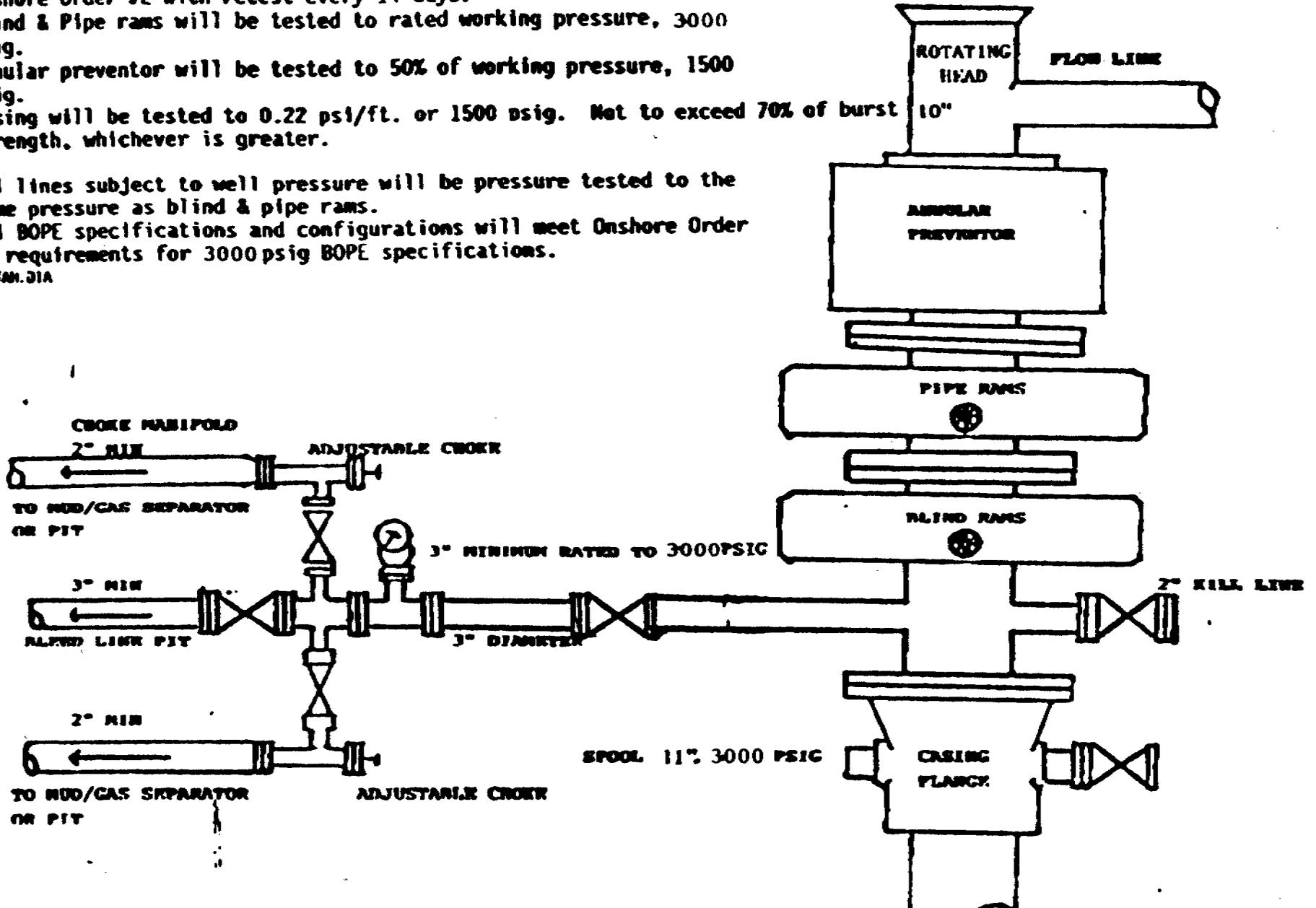
(Attachment: BOP Schematic Diagram)

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

H:VOCV00PUTAH.01A



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

Company/Operator: Enron Oil & Gas Company  
Well Name & Number: Chapita Wells Unit #484-13F  
Lease Number: U-0282  
Location: 1890' FSL & 1906' FWL, NE/SW, Sec. 13, T9S, R22E  
Surface Ownership: Federal Land-BLM

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 19.8 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 0.2 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 & fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards or fences will be required or encountered.

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

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

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, drainage, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed safe road.

Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot Right-of- Way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossings nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by run off water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

As operator, Enron Oil & Gas Company shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

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

- A. Water wells - None
  - B. Abandoned wells - 1\*
  - C. Temporarily abandoned wells - None.
  - D. Disposal wells - None.
  - E. Drilling wells - None.
  - F. Producing wells - 12\*
  - G. Shut in wells - 1\*
  - H. Injection wells - None
- (\*See attached TOPO map "C" for location)

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

A. ON WELL PAD

- 1. Tank batteries - None

2. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of well head valves, separator, dehy, 210 Bbl condensate tank, meter house and attaching piping.  
See attached facility diagram.
3. Oil gathering lines - None
4. Gas gathering lines- A 4 1/2" gathering line will be buried from dehy to the edge of location.
5. Injection lines - None
6. Disposal lines - None
7. Surface pits - None

**B. OFF WELL PAD**

1. Proposed location of attendant off pad flowlines shall be flagged prior to archaeological clearance.
2. A 4 1/2" OD steel above ground natural gas pipeline will be laid approximately 650' from proposed location to a point in the NW/SE of Section 13, T9S, R22E, where it will tie into Questar Pipeline Co's existing line. Proposed pipeline crosses BLM administered lands within the Chapita Wells Unit, thus no Right-of-Way grant will be required.
3. Proposed pipeline will be a 4 1/2" OD steel, welded line laid on the surface.
4. Protective measures and devices for livestock and wildlife will be taken and/or installed where required.

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

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

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities required will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

The required paint color is Carlsbad Canyon.

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

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

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

#### 6. SOURCE OF CONSTRUCTION MATERIAL

- A. All construction material for this location and access road will be of native borrow and soil accumulated during the construction of 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 waste water will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. During the 90 day period, an application for approval of a permanent disposal method and location, together with the required water analysis, will be submitted for the AO's approval.
5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on drilling rig to avoid leakage of oil to pit.

- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in reserve pit or be removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to reserve pit will be avoided by flaring them off in flare pit at 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 will not be lined unless the pit has to be shot.

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

8. ANCILLARY FACILITIES

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

9. WELL SITE LAYOUT

- A. Refer to attached well site plat for related topography cuts and fills & cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation parking areas, and access road.

The reserve pit will be located on the Southeast side of the location.

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

The stockpiled topsoil will be stored between Corners C and 6 and will serve as a dike to divert water around the location.

Access to the well pad will be from the West.

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

X Soil compacted earthen berm(s) shall be placed on the South side of the  
location between Corners C and 6 using the top soil.

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

N/A The reserve pit and/or pad locations shall be constructed long and

• narrow for topographic reasons \_\_\_\_\_

N/A Corner No. will be rounded off to minimize excavation.

### FENCING REQUIREMENTS

All pits will be fenced according to the following minimum standards:

- A. 39 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 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'.
- 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 travelled. 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 reserve pit will be reclaimed within 12 months from the date of well completion. Before any dirt work takes place, the reserve pit will be completely dry and all cans, barrels, pipe, fluid, and hydrocarbons, will be removed.

Contact appropriate surface management agency for required seed mixture.

**B. DRY HOLE/ABANDONED LOCATION**

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

**11. SURFACE OWNERSHIP**

Access road:      Federal

Location:      Federal

**12. OTHER INFORMATION**

A. Enron Oil & Gas Company 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, Enron Oil & Gas Company 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 Federal 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

N/A No construction or drilling activities shall be conducted between \_\_\_\_\_ and \_\_\_\_\_ because of \_\_\_\_\_

N/A No surface occupancy will be allowed within 1,000 feet of any sage grouse strutting ground.

N/A No construction or exploration activities are permitted within 1.5 mile radius of sage grouse strutting grounds from April 1 to June 30.

N/A There shall be no surface disturbance within 600 feet of live water (includes stock tanks, springs, and guzzlers).

N/A No cottonwood trees will be removed or damaged.

X The existing pond will be cleaned out as discussed at the onsite.

LESSEE'S OR OPERATOR'S REPRESENTATIVES AND CERTIFICATION

OPERATIONS

Enron Oil & Gas Company    Enron Oil & Gas Company  
P.O. Box 250                    P.O. Box 1815  
Big Piney, WY 83113        Vernal, UT 84078  
Dennis Brabec                George McBride  
Telephone (307) 276-3331    Telephone (801) 789-0790

PERMITTING

Ed Trotter  
P.O. Box 1910  
Vernal, UT 84078  
Telephone (801) 789-4120  
Fax # (801) 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. Enron Oil & Gas Company is fully responsible for the actions of their subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

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

The BLM Office shall be notified upon site completion prior to moving on the drilling rig.

Certification:

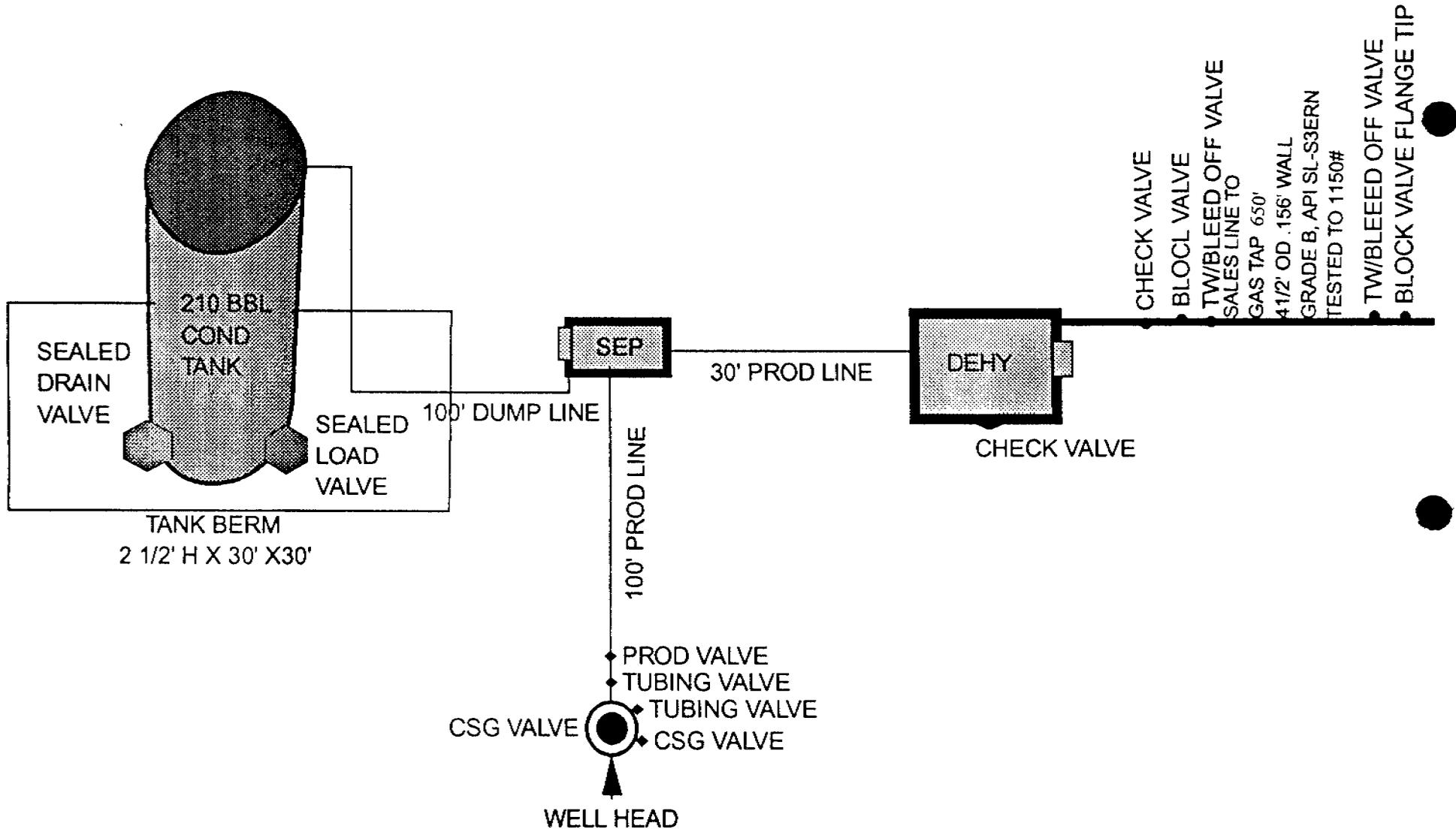
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in the Plan are to the best of my knowledge, true and correct; and that the work associated with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

6-5-97

Date

  
Ed Trotter

CHAPITA WELLS UNIT 484-13F  
SEC. 13, T9S, R22E, NE/4 SW/4  
UINTAH COUNTY, UTAH  
FEDERAL LEASE NO. U-0282





ENRON OIL & GAS CO.

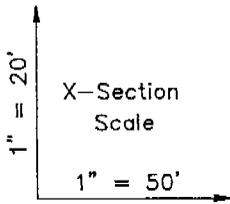
TYPICAL CROSS SECTIONS FOR

CWU #484-13F

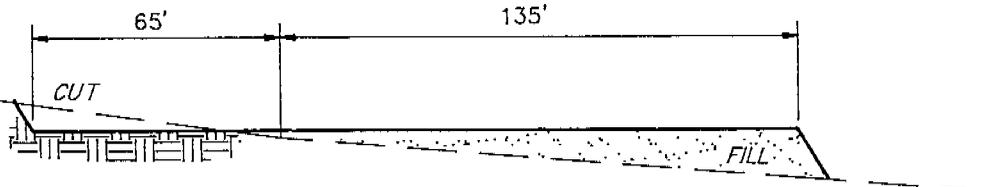
SECTION 13, T9S, R22E, S.L.B.&M.

1890' FSL 1906' FWL

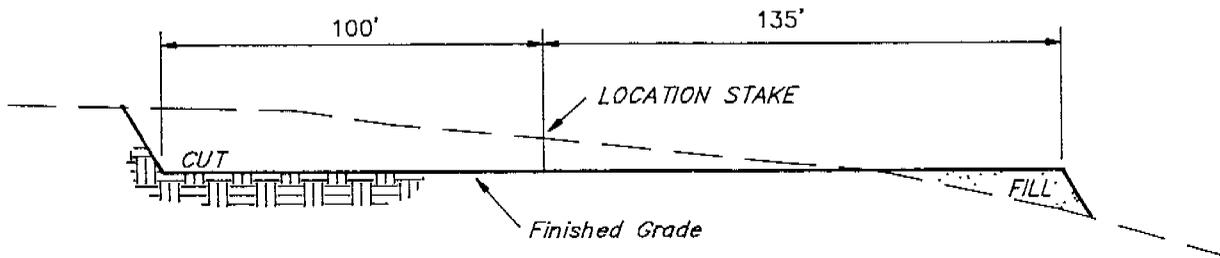
*Handwritten signature*



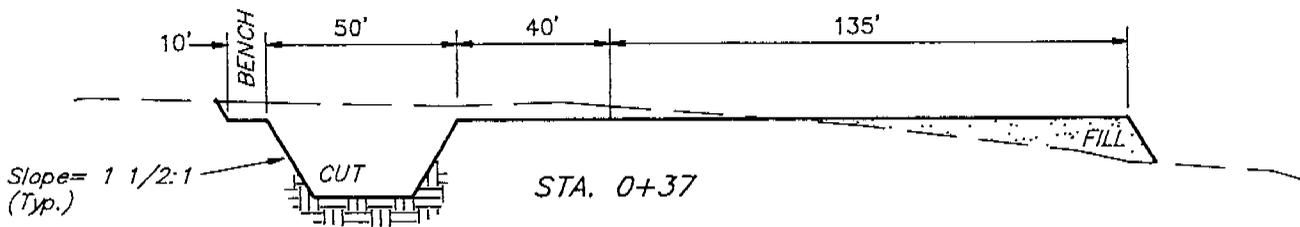
DATE: 5-7-97  
Drawn By: C.B.T.



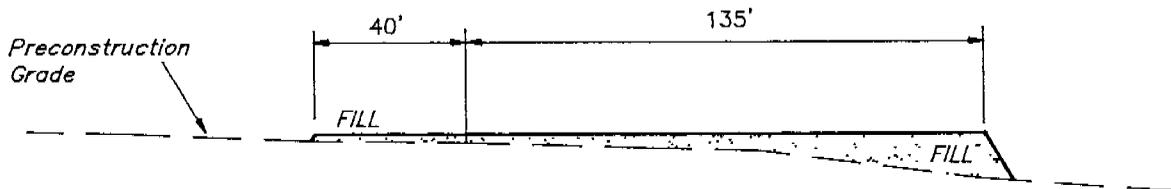
STA. 3+25



STA. 1+50



STA. 0+37

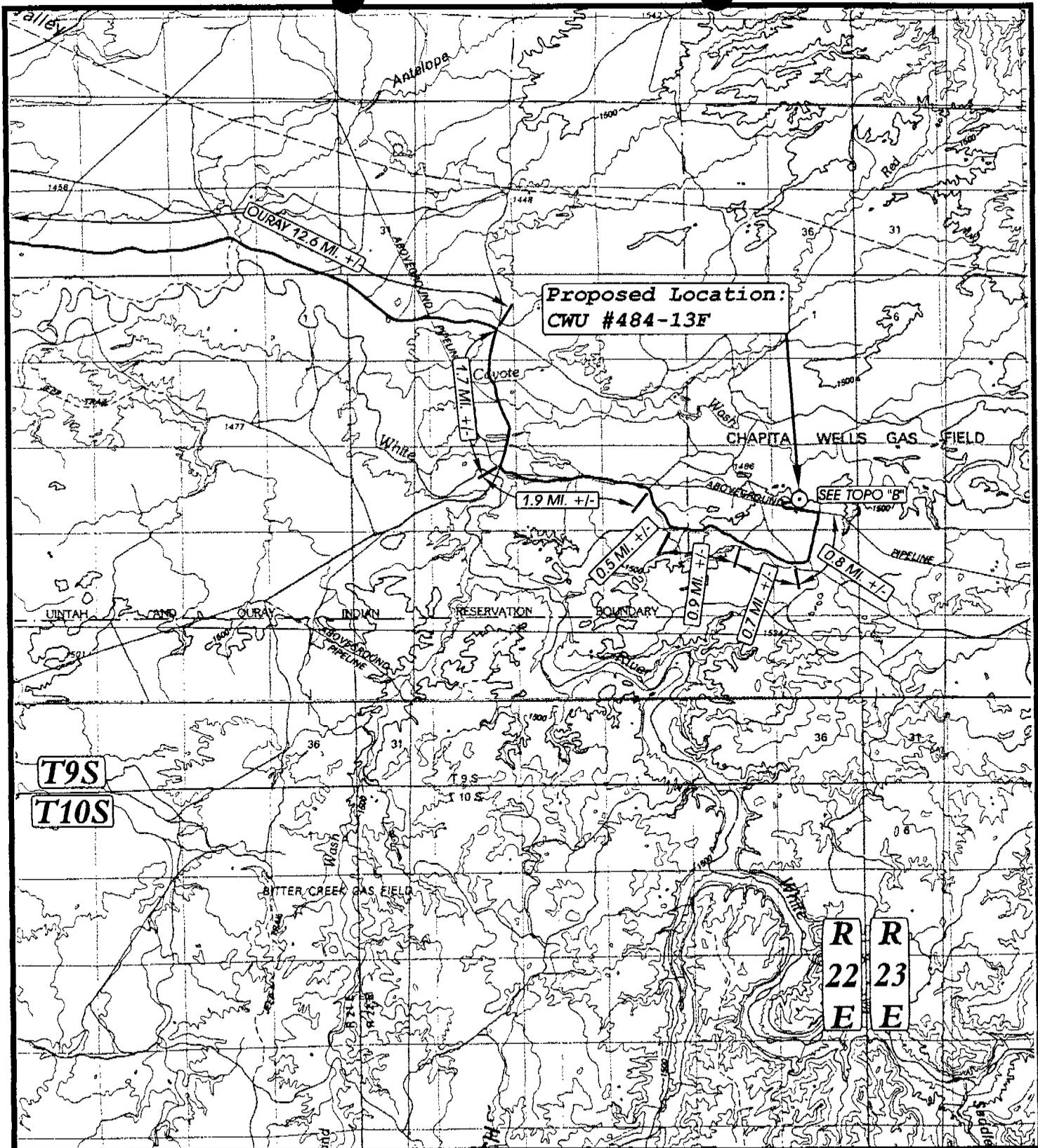


STA. 0+00

APPROXIMATE YARDAGES

(6") Topsoil Stripping	=	1,250 Cu. Yds.
Remaining Location	=	4,300 Cu. Yds.
<b>TOTAL CUT</b>	<b>=</b>	<b>5,550 CU.YDS.</b>
<b>FILL</b>	<b>=</b>	<b>3,470 CU.YDS.</b>

EXCESS MATERIAL AFTER 5% COMPACTION	=	1,900 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	1,900 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	=	0 Cu. Yds.



**UELS**

**TOPOGRAPHIC  
MAP "A"**

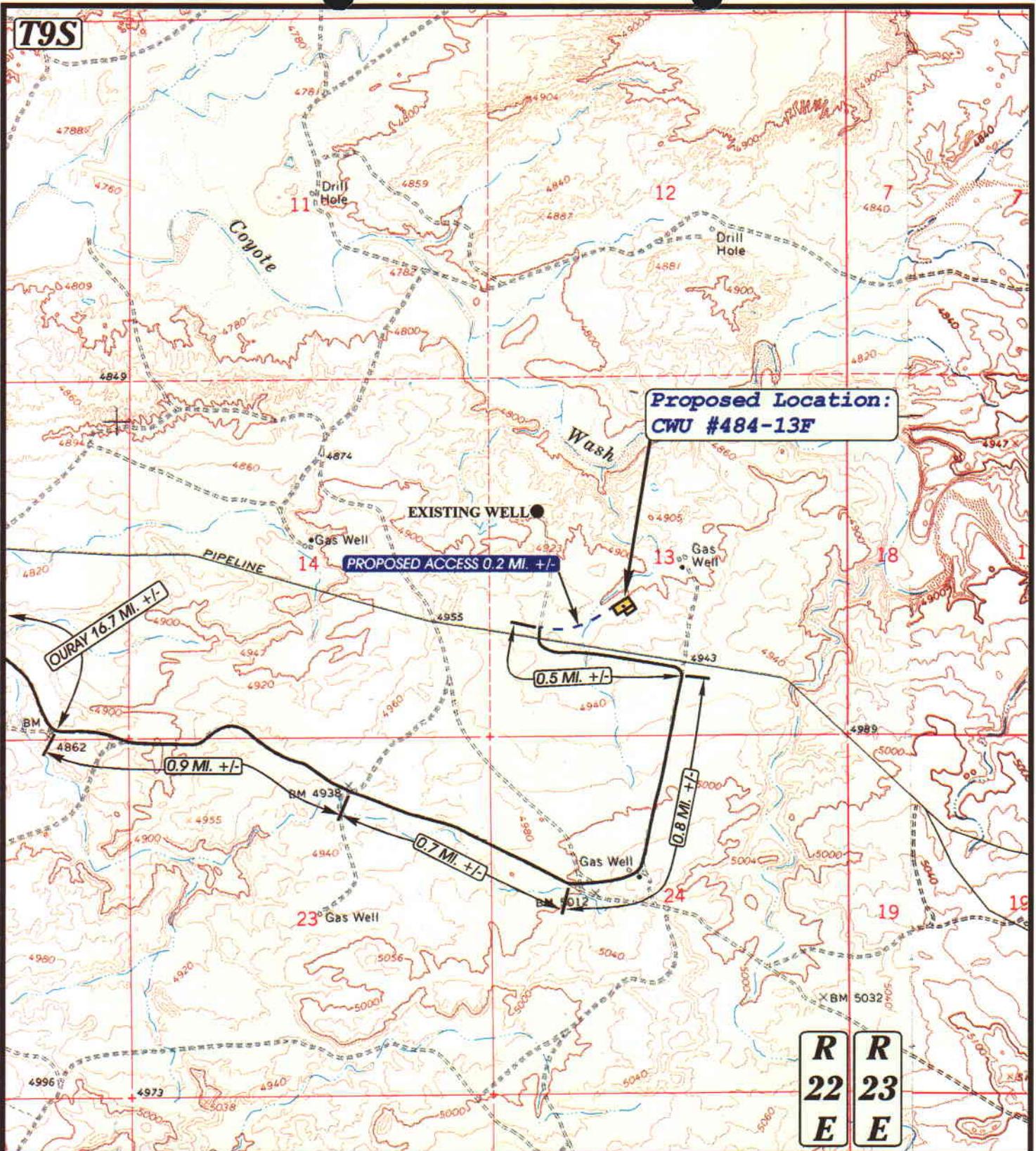
DATE: 5-6-97  
Drawn by: D.COX



**ENRON OIL & GAS COMPANY**

CWU #484-13F  
SECTION 13, T9S, R22E, S.L.B.&M.  
1890' FSL 1906' FWL

**T9S**



**UELS**

**TOPOGRAPHIC  
MAP "B"**

DATE: 5-6-97  
Drawn by: D.COX

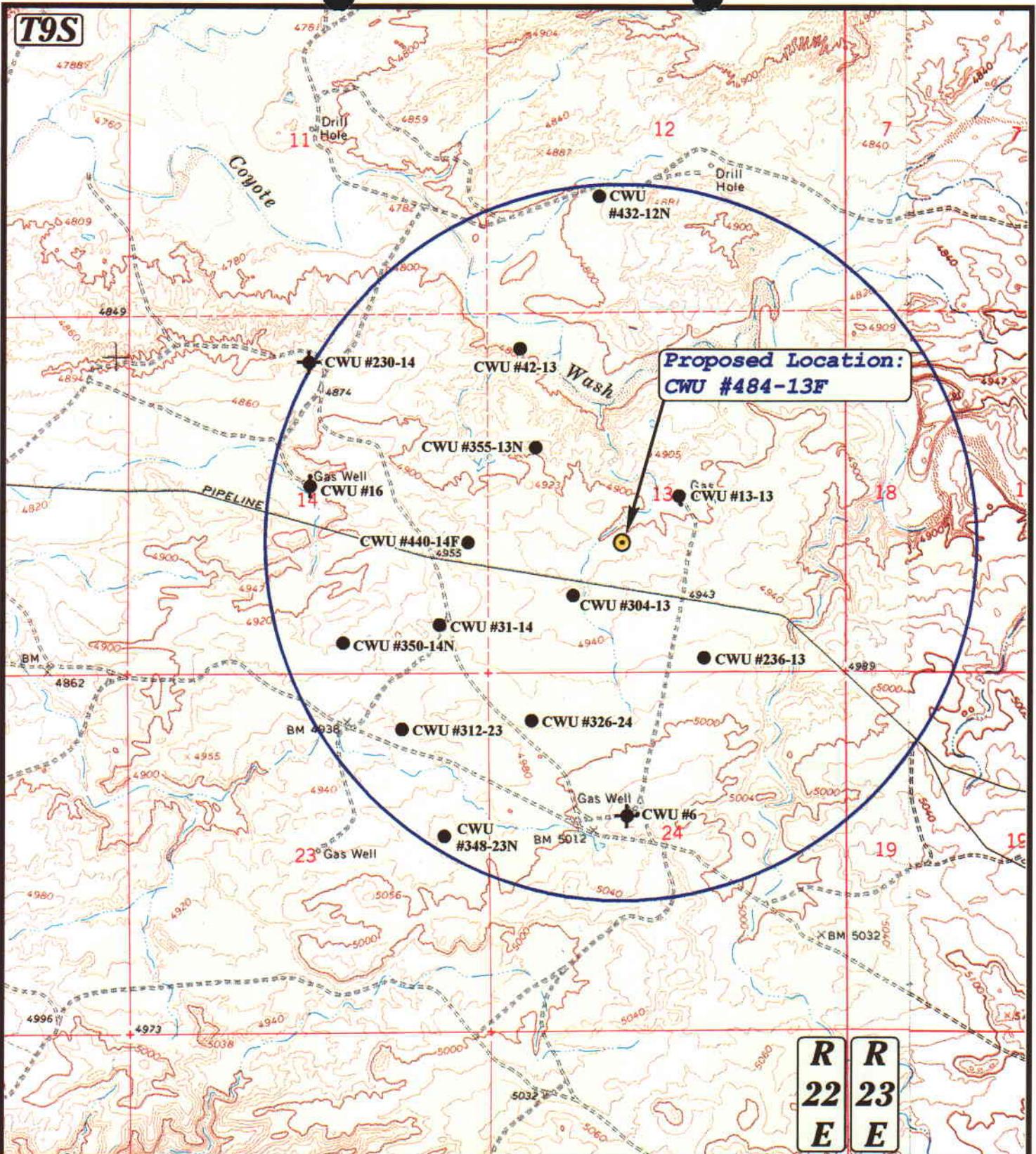


**ENRON OIL & GAS CO.**  
**CWU #484-13F**  
**SECTION 13, T9S, R22E, S.L.B.&M.**  
**1890' FSL 1906' FWL**

Uintah Engineering & Land Surveying  
 85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017

SCALE: 1" = 2000'

T9S



Proposed Location:  
CWU #484-13F

R	R
22	23
E	E

**LEGEND:**

UELS

- Water Wells
- Abandoned Wells
- Temporarily Abandoned Wells
- Disposal Wells
- Drilling Wells
- Producing Wells
- Shut-In Wells



ENRON OIL & GAS CO.

CWU #484-13F

SECTION 13, T9S, R22E, S.L.B.&M.

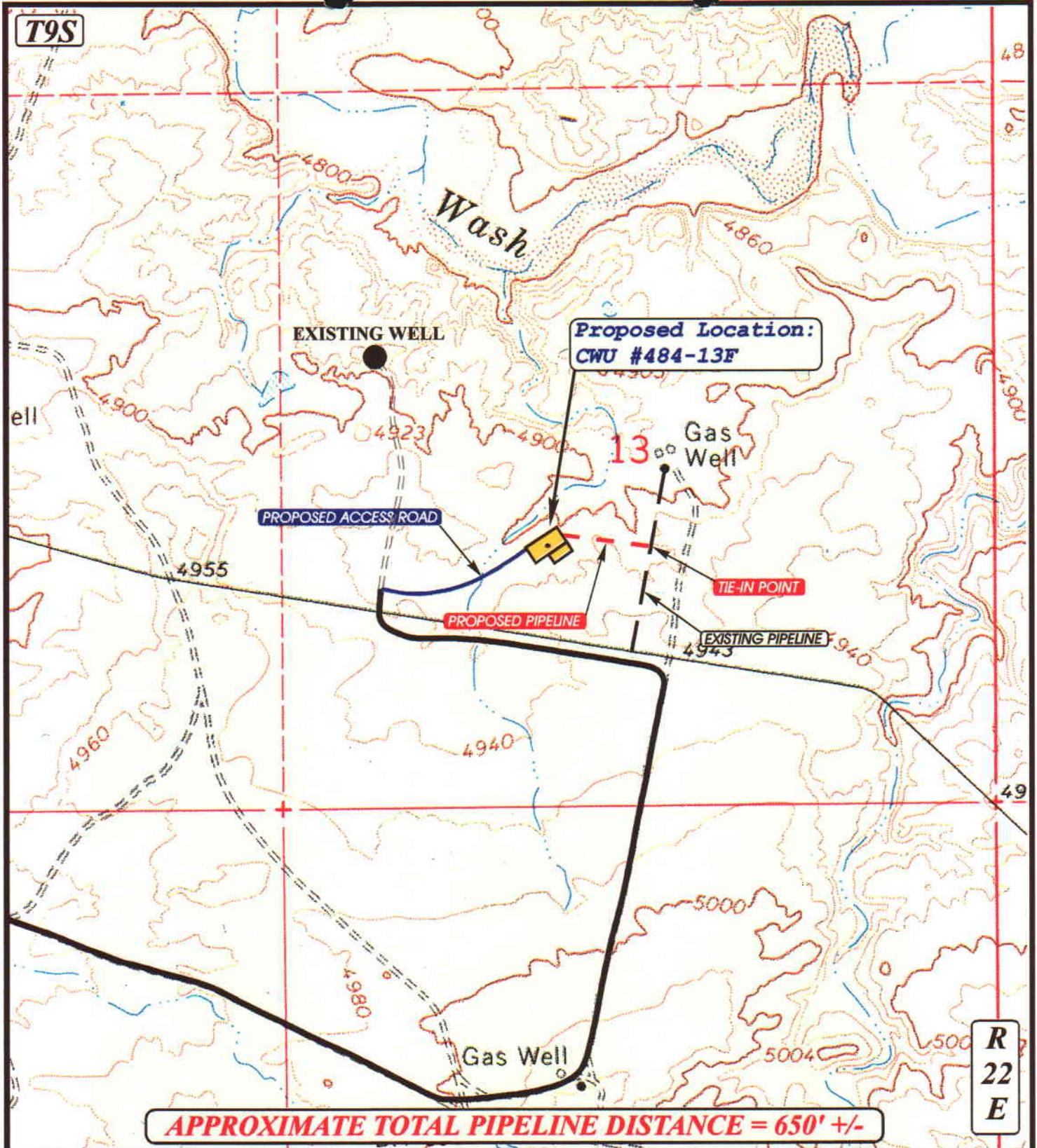
TOPOGRAPHIC MAP "C"

DATE: 5-6-97

Drawn by: D.COX

Uintah Engineering & Land Surveying  
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017

SCALE: 1" = 2000'



**UELS**

**TOPOGRAPHIC  
MAP "D"**

- Existing Pipeline
- - - Proposed Pipeline



**ENRON OIL & GAS CO.**

**CWU #484-13F  
SECTION 13, T9S, R22E, S.L.B.&M.**

**DATE: 5-6-97  
Drawn by: D.COX**

**Uintah Engineering & Land Surveying**  
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017

**SCALE: 1" = 1000'**

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 06/09/97

API NO. ASSIGNED: 43-047-32913

WELL NAME: CWU 484-13F  
OPERATOR: ENRON OIL & GAS (N0401)

PROPOSED LOCATION:

NESW 13 - T09S - R22E  
SURFACE: 1890-FSL-1906-FWL  
BOTTOM: 1890-FSL-1906-FWL  
UINTAH COUNTY  
NATURAL BUTTES FIELD (630)

INSPECT LOCATION BY:    /    /		
TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: FED  
LEASE NUMBER: U-0282

PROPOSED PRODUCING FORMATION: WSTC

RECEIVED AND/OR REVIEWED:

Plat  
 Bond: Federal  State  Fee   
          (Number 81307603 )  
 Potash (Y/N)  
 Oil shale (Y/N)  
 Water permit  
          (Number 49-1501 )  
 RDCC Review (Y/N)  
          (Date: \_\_\_\_\_ )

LOCATION AND SITING:

R649-2-3. Unit: CLARITA WELLS  
 R649-3-2. General.  
 R649-3-3. Exception.  
 Drilling Unit.  
          Board Cause no: \_\_\_\_\_  
          Date: \_\_\_\_\_

COMMENTS:

Oil shale stip. needed

STIPULATIONS:

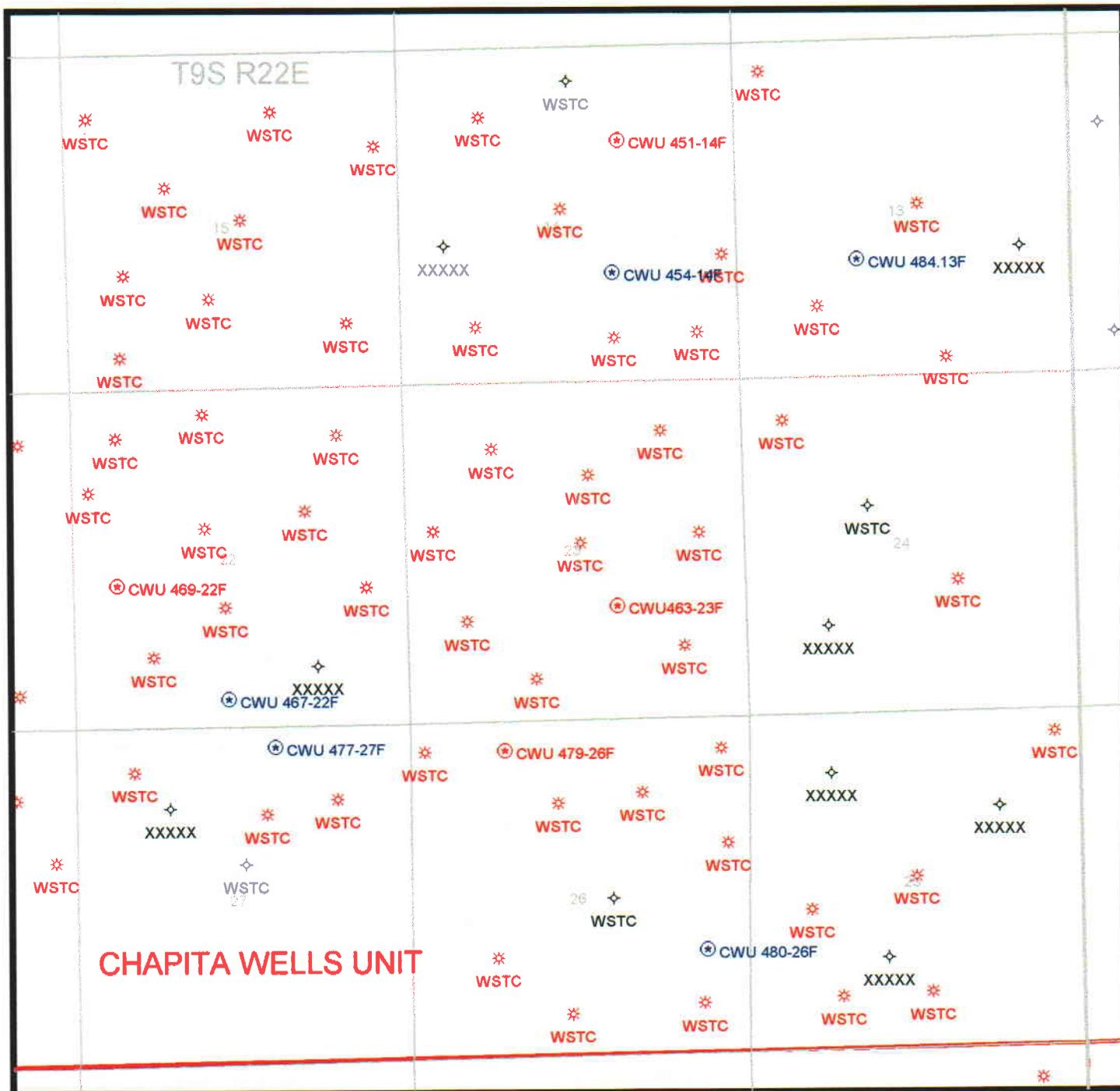
1. Oil shale stip.

OPERATOR: ENRON OIL & GAS (N0401)

FIELD: NATURAL BUTTES (630)

SEC, TWP, RNG: 13,14, & 22, T9S, R22E

COUNTY: UINTAH UAC: R649-2-3 CHAPITA WELLS UNIT



PREPARED:  
DATE: 10-JUNE-97



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

Michael O. Leavitt  
Governor  
Ted Stewart  
Executive Director  
James W. Carter  
Division Director

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

July 7, 1997

Enron Oil & Gas Company  
P.O. Box 1815  
Vernal, Utah 84078

Re: Chapita Wells Unit 484-13F Well, 1890' FSL, 1906' FWL,  
NE SW, Sec. 13, T. 9 S., R. 22 E., 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 43-047-32913.

Sincerely,

  
Lowell P. Braxton  
Deputy Director

lwp

Enclosures

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

Operator: Enron Oil & Gas Company  
Well Name & Number: Chapita Wells Unit 484-13F  
API Number: 43-047-32913  
Lease: U-0282  
Location: NE SW Sec. 13 T. 9 S. R. 22 E.

### 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 following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact John R. Baza (801)538-5334 or Mike Hebertson at (801) 538-5333.

3. Reporting Requirements

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

4. In accordance with the Order in Cause No. 190-5(b) dated October 28, 1982, the operator shall comply with the requirements of Rule R649-3-31 pertaining to Designated Oil Shale Areas. Additionally, the operators shall ensure that the 4½" casing is cemented over the entire oil shale section as defined by Rule R649-3-31.



CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Enron Oil & Gas Company

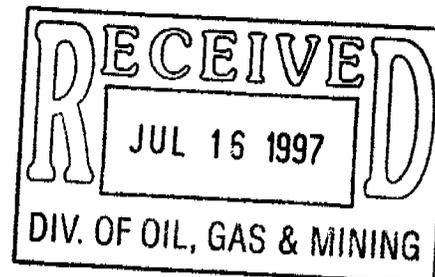
Well Name & Number: CWU 484-13F

API Number: 43-047-32913

Lease Number: U - 0282

Location: NESW Sec. 13 T.9S R. 22E

Agreement: Chapita Wells Unit UTU-63013X



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

## CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

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

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

### A. DRILLING PROGRAM

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

Report ALL water shows and water-bearing sands to Tim Ingwell 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. If a mist system is being utilized then the requirement for a deduster shall be waived.

#### 3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

As a minimum, the usable water shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the usable water zone, identified at 924 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

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

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

5. Coring, Logging and Testing Program

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

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

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

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

6. Notifications of Operations

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

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

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

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

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

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

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

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within thirty (30) 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 3162.7-4.

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, please contact one of the following individuals:

Ed Forsman (801) 789-7077  
Petroleum Engineer

Wayne P. Bankert (801) 789-4170  
Petroleum Engineer

Jerry Kenczka (801) 789-1190  
Petroleum Engineer

BLM FAX Machine (801) 781-4410

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

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

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

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

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

Refinery wastes

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

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

**SURFACE USE PROGRAM**  
**Conditions of Approval (COAs)**

-The topsoil shall be windrowed along the south side of the location between pit corner C and corner 6. This berm of soil will act as a water diversion which will naturally channel runoff water around the location to the west.

-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 burrow ditches to prevent the snow melt from saturating the road during the spring.

-The erosion dam that was identified to be cleaned in the APD, only needs to be cleaned if it is dry enough to do so.

SPUDDING INFORMATION

Name of Company: ENRON OIL AND GAS

Well Name: CHAPITA WELLS UNIT 484-13F

Api No. 43-047-32913

Section: 13 Township: 9S Range: 22E County: UINTAH

Drilling Contractor: CHANDLER

Rig # 1

SPUDDED:

Date: 8/1/97

Time: 8:30 AM

How: DRY HOLE

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

Reported by: ED TROTTER

Telephone NO.: 1-801-789-4120

Date: 8/1/97 Signed: C. DANIELS

✓

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

AMENDED

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

ENRON OIL & GAS COMPANY

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)

1890' FSL - 1906' FWL (NE/SW)  
SECTION 13, T9S, R22E

CONFIDENTIAL

5. Lease Designation and Serial No.

U 0282

6. If Indian, Allottee or Tribe Name

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

CHAPITA WELLS UNIT

8. Well Name and No.

CHAPITA WELLS UNIT 484-13F

9. API Well No.

43-047-32913

10. Field and Pool or Exploratory Area

CHAPITA WELLS/WASATCH

11. COUNTY

UINTAH,

STATE

UTAH

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

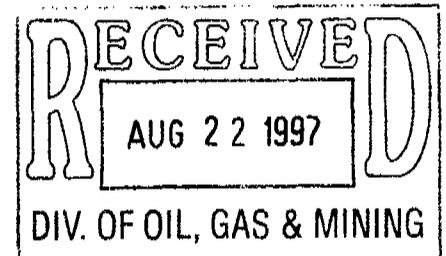
TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> NOTICE OF INTENT	<input type="checkbox"/> ABANDONMENT
<input checked="" type="checkbox"/> SUBSEQUENT REPORT	<input type="checkbox"/> RECOMPLETION
<input type="checkbox"/> FINAL ABANDONMENT NOTICE	<input type="checkbox"/> PLUGGING BACK
	<input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

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

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

Enron Oil & Gas Company spudded 11" surface hole at the subject location 8-18-97. The contractor was Bill Martin Drilling. Ed Forsman, of the Vernal BLM District office was notified of spud by the telephone 8-18-97.

CONFIDENTIAL



\*NOTE: Enron will be using Nationwide Bond #NM 2308

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

SIGNED

*Toty Corha*

TITLE

Regulatory Analyst

DATE

8-19-97

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

LEASE IDENTIFICATION AND SERIAL NO.

U 0282

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

UNIT ACQUISITION NAME  
CHAPITA WELLS UNIT

FARM OR LEASE NAME  
CHAPITA WELLS UNIT

1. TYPE OF WELL:

2. TYPE OF COMPLETION:

NEW WELL  WORK OVER  DEEPEN  PLUG BACK  DIFF. RES.  OTHER

3. NAME OF OPERATOR

ENRON OIL & GAS COMPANY

4. ADDRESS OF OPERATOR

P.O. BOX 250 BIG PINEY, WYOMING 83113

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface  
At top prod. interval reported below  
At total depth

1890' FSL - 1906' FWL (327)  
SAME  
SAME

7. WELL NO.

484-13F

10. FIELD AND POOL, OR WELDCAT

CHAPITA WELLS/WASATCH

11. SEC., T., R., OR SECC. AND SURVEY

SECTION 13, T9S, R22E

12. COUNTY OR PARISH

UINTAH,

13. STATE

UTAH

14. PERMIT NO.

43-047-32913

DATE PERMIT ISSUED

7-7-97

15. DATE SPudded

8-18-97

16. DAYS T.D. REACHED

9-1-97

17. DAYS COMPL. (Ready to prod.)

9-16-97

18. ELEVATIONS (OF BORE, RT, OR ETC.)\*

4923' KB

19. RESV. CASINGHEAD

4909' PREP. GL.

20. TOTAL DEPTH, MD & TVD

6795'

21. PLUG, BACK T.D., MD & TVD

P&A'D

22. IF MULTIPLE COMPLETIONS, HOW MANY?

1

23. ROTARY TOOLS

ROTARY

CABLE TOOLS

24. PRODUCING INTERVAL(S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)\*

P&A'D

25. WAS DIRECTIONAL SURVEY MADE?

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

1/2 SCALE  
ARRAY INDUCTION

PLATFORM EXPRESS LOG  
QUICKLOOK ANSWER LOG 9-8-97  
ARRAY INDUCTION, MICROLOG, CULLOG

27. WAS WELL CORDED?

NO

28.

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24.0# J-55	235' KB	12-1/4"	120 sx Class "G" cement.	

29.

LINER RECORD

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

30.

TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

P&A'D

CONFIDENTIAL

32.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	CONFIDENTIAL
	PERIOD EXPIRED
	ON 10-16-98

33.\*

PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping-oase and type of pump)	WELL STATUS (Producing or shut-in)					
P&A'D 9-16-97							
DATE OF TEST	HOURS TESTED	CROCK SIZE	PROD'N FOR	OIL-BBL.	GAS-MCF.	WATER-BBL.	GAS-OIL RATIO
			TEST PERIOD				
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED	OIL-BBL.	GAS-MCF.	WATER-BBL.	OIL GRAVITY-API (CORR.)	
		24-HOUR RATE					

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

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

SIGNED

*Ruby Carbo*

RECEIVED  
SEP 23 1997

TITLE

Regulatory Analyst

DATE

9-19-97

# INSTRUCTIONS

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

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

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

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

**Item 28:** *avr*: Attached supplemental records for this well should show the details of every multiple stage cementing and the location of the cementing tool.

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

## PRIVACY ACT

The Privacy Act of 1974 and the regulation in 43 CFR 2.49(a) provide that you be furnished the following information in connection with information required by its application.

**AUTHORITY:** 30 U.S.C. 181 et. seq., 25 U.S.C. et. seq., 43 CFR 3169

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

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

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

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

This information is being collected to allow evaluation of the technical, safety, and environmental aspects of operations on oil and gas leases.

This information will be used to analyze operations and compare equipment and procedures used on other oil and gas leases.

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

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SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cased intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries)				38.	GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	TOP			
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH	
				TOP GREEN RIVER	1767		
				BASE "M" MARKER	4438'		
				"N" Ls	4658'		
				PETERS POINT	4784'		
				CHAPITA WELLS	5314'		
				BUCK CANYON	5874'		
				ISLAND	6797'		

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**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  
Bureau No. 1004-0135  
Expires September 30, 1990

<p>1. Type of Well</p> <p style="text-align: center;">Oil                      Gas</p> <p><input type="checkbox"/> WELL    <input checked="" type="checkbox"/> Well            <input type="checkbox"/> Other</p>	<p>5. Lease Designation and Serial No. <b>U 0282</b></p>
<p>2. Name of Operator <b>ENRON OIL &amp; GAS COMPANY</b></p>	<p>6. If Indian, Allottee or Tribe Name</p>
<p>3. Address and Telephone No. <b>P.O. BOX 250, BIG PINEY, WY 83113      (307) 276-3331</b></p>	<p>7. If Unit or C.A., Agreement Designation <b>CHAPITA WELLS UNIT</b></p>
<p>4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>1890' FSL - 1906' FWL (NE/SW) SECTION 13, T9S, R22E</b></p>	<p>8. Well Name and No. <b>CHAPITA WELLS UNIT 484-13F</b></p>
<p>9. API Well No. <b>43-047-32913</b></p>	<p>10. Field and Pool or Exploratory Area <b>CHAPITA WELLS/WASATCH</b></p>
<p>11. COUNTY                      STATE <b>UINTAH,                      UTAH</b></p>	

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

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

(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).**

Enron Oil & Gas Company changed the surface casing from 9-5/8" to 8-5/8", 24.0#, J-55 @ 235' KB & cemented w/120 sx Class "G" cement.

Enron plugged & abandoned the referenced well as follows:

- Set 1st plug from 4975' - 4725' w/173 sx Class "G" cement.
- Set 2nd plug from 1810' - 1610' w/300 sx Class "G" cement.
- Set 3rd plug from 1024' - 824' w/145 sx Class "G" cement.
- Set 4th plug from 295' - surface w/130 sx Class "G" cement.
- Casing is cut off 3' below recontoured surface level. The dry hole marker is a flat plate and installed per BLM regulations 9-16-97.

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**RECEIVED**  
SEP 23 1997  
DIV. OF OIL, GAS & MINING

\*NOTE: Enron will be using Nationwide Bond #NM 2308

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

SIGNED *Raty Carls* TITLE Regulatory Analyst DATE 9-19-97

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY: