

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG _____ ELECTRIC LOGS _____ FILE WATER SANDS _____ LOCATION INSPECTED GAS SUB. REPORT/abd. _____

* Location Abandoned - ~~June 28-82~~ 7-6-82

DATE FILED 2-19-82
 LAND: FEE & PATENTED _____ STATE LEASE NO. _____ PUBLIC LEASE NO. _____ INDIAN 1420-H62-2888

DRILLING APPROVED: 3-10-82

SPUDDED IN: _____
 COMPLETED: _____ PUT TO PRODUCING: _____

INITIAL PRODUCTION: _____
 GRAVITY A.P.I. _____

GOR: _____
 PRODUCING ZONES: _____

TOTAL DEPTH: _____
 WELL ELEVATION: _____

DATE ABANDONED: LA 6-28-82 7-6-82

FIELD: NATURAL BUTTES 3/86

UNIT: _____
 COUNTY: UINTAH

WELL NO. CONOCO UTE TRIBAL 35#43 API NO. 43-047-31184
 LOCATION 1948 FT. FROM * (S) LINE. 736 FT. FROM (E) * LINE. NE SE 1/4 - 1/4 SEC. 35

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				<u>8S</u>	<u>21E</u>	<u>35</u>	<u>CONOCO INC.</u>

9

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
 Conoco Inc.

3. ADDRESS OF OPERATOR
 907 Rancho Road Casper, WY 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface 1,948 FSL, 736' FEL (NE/SE)
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 Approx. 31 mi. SW of Vernal, 9 mi. E of Hwy. 88

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 736'

16. NO. OF ACRES IN LEASE 324.16

17. NO. OF ACRES ASSIGNED TO THIS WELL 320

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 399'

19. PROPOSED DEPTH 3,500'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 4,697' Ungraded ground.

22. APPROX. DATE WORK WILL START*
 July 15, 1982

5. LEASE DESIGNATION AND SERIAL NO.
 1420-H62-2888

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 Ute

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 Conoco Ute Tribal 35

9. WELL NO.
 43

10. FIELD AND POOL, OR WILDCAT
 Natural Butte
 Durray - Green River

11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA
 "Kicker"
 Section 35, T8S, R21E

12. COUNTY OR PARISH 13. STATE
 Uintah Utah

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	54.5#	60'	85 sacks
12 1/4"	9 5/8"	36#	500'	245 sacks
7 7/8"	5 1/2"	15.5#	3,500'	400 sacks

It is proposed to drill Conoco Ute Tribal 35 No. 43 as a Green River "Kicker" gas producer. There are no cores planned. All appropriate logs will be run.

A completion rig will be used for completion operations and all conditions of this plan will be applicable during those operations.

Conoco Inc. has current and correct Corporate Qualifications on file in the Cheyenne, Wyoming Office of Bureau of Land Management as required by WY 2800-39 (April, 1981) covering Right-of-Way requirements. Reference No. W-56943 dated May 14, 1981.

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS AND MINING

DATE: 7-19-82
 BY: [Signature]

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

24. SIGNED J.C. Thompson TITLE Administrative Supervisor DATE 2-19-82

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

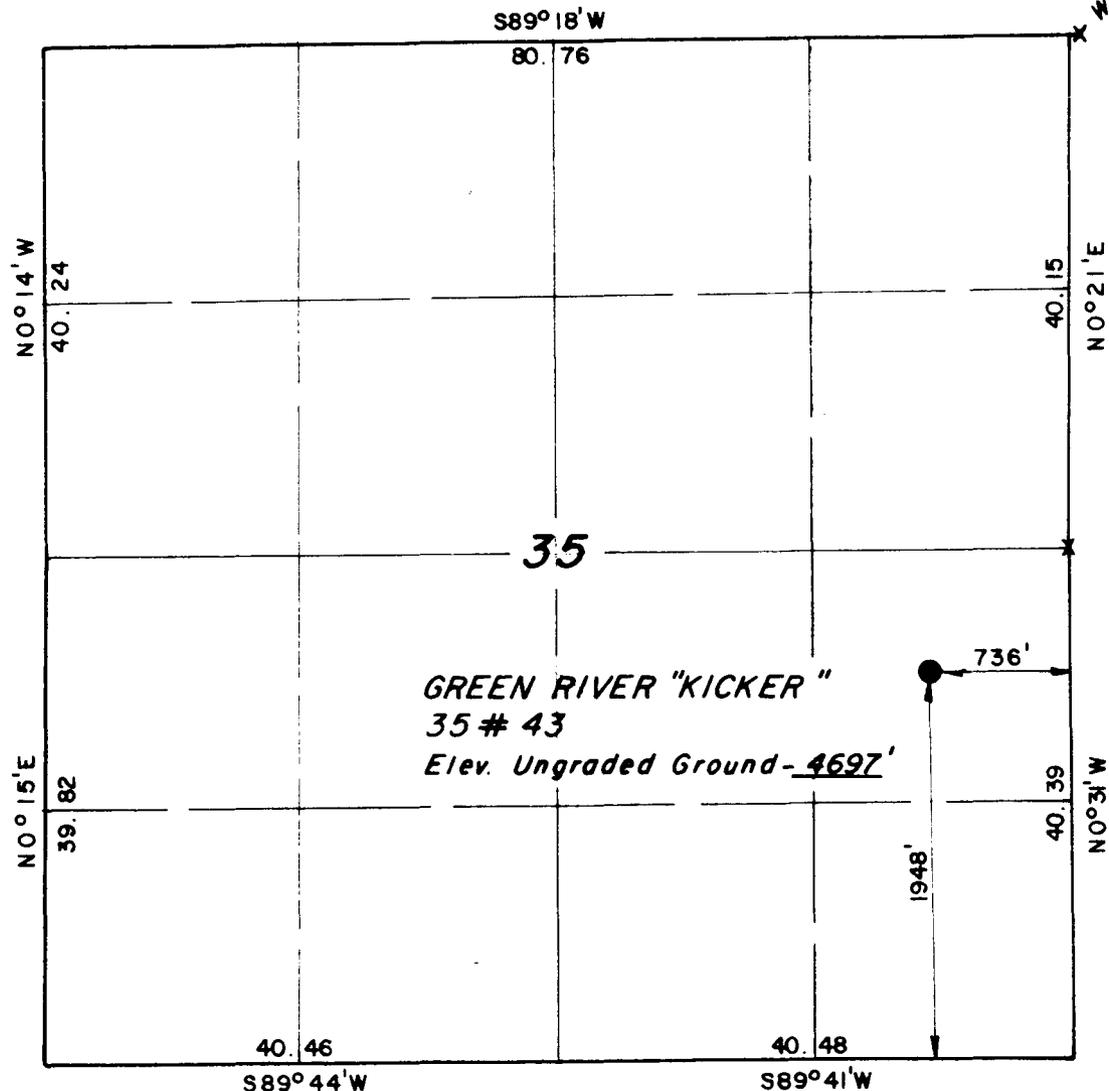
USGS(3) UOGCC(2) File

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

PROJECT

CONOCO INC.

Well location, *GREEN RIVER "KICKER" 35# 43* located as shown in the NE 1/4 SE 1/4 Section 35, T8S, R21E, S.L.B.&M. Uintah County, Utah.



X = Section Corners Located



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.

Lawrence E. Lee

REGISTERED LAND SURVEYOR
REGISTRATION NO 2454
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX Q - 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	1/18/82
PARTY	DA SH RP	REFERENCES	GLO Plat
WEATHER	Cold	FILE	CONOCO INC.

1. The geologic name of the surface formation: Uintah
2. The estimated tops of important geologic markers:

<u>FORMATION</u>	<u>DRILLED DEPTH</u>	<u>SUBSEA</u>
Green River		
Top Green River Marlstone	2,084'	+2,613'
Base of Marlstone	2,945'	+1,752'
Kicker	3,116' Gas	+1,581'
T.D.	3,500'	+1,197'

It is anticipated to encounter a gas bearing zone in the Green River formation.

3. Proposed Casing Pattern:

0 - 60' - 13 3/8" O.D., 54.5#/ft., K-55, ST&C
0 - 500' - 9 5/8" O.D., 36#/ft., K-55, ST&C
0 - T.D. - 5 1/2" O.D., 15.5#/ft., K-55, LT&C

(All casing mentioned above will be new.)

4. Specifications for Pressure Control:

Our minimum specification for pressure control equipment will be 3,000 lbs. (schematic attached). The BOP will be tested daily.

5. Proposed Circulating Medium:

0 - T.D. Clear flocculated 2% KCL water inhibited with 300 PPM sodium bichromate. Mud weight will be maintained between 8.8 to 9.7 lbs. per gallon.

6. Auxiliary Equipment:

We will use kelly cocks, floats at the bit, monitoring equipment on the mud system (if needed), a sub on the floor with full opening valve, and a blooie line.

:
7. Testing, Logging, Coring:

As mentioned in the permit to drill, no cores are planned. The following logs will be run over the specified intervals:

- A. Dual Induction with Gamma Ray from surface to T.D.
- B. Formation Density and Compensated Neutron log with Caliper. The Density-Neutron will be run over selected intervals. The Caliper will be run from T.D. to the surface pipe.

8. Formation and Completion Interval:

Sand lens of the Green River "Kicker" completion interval: Perforate the casing.

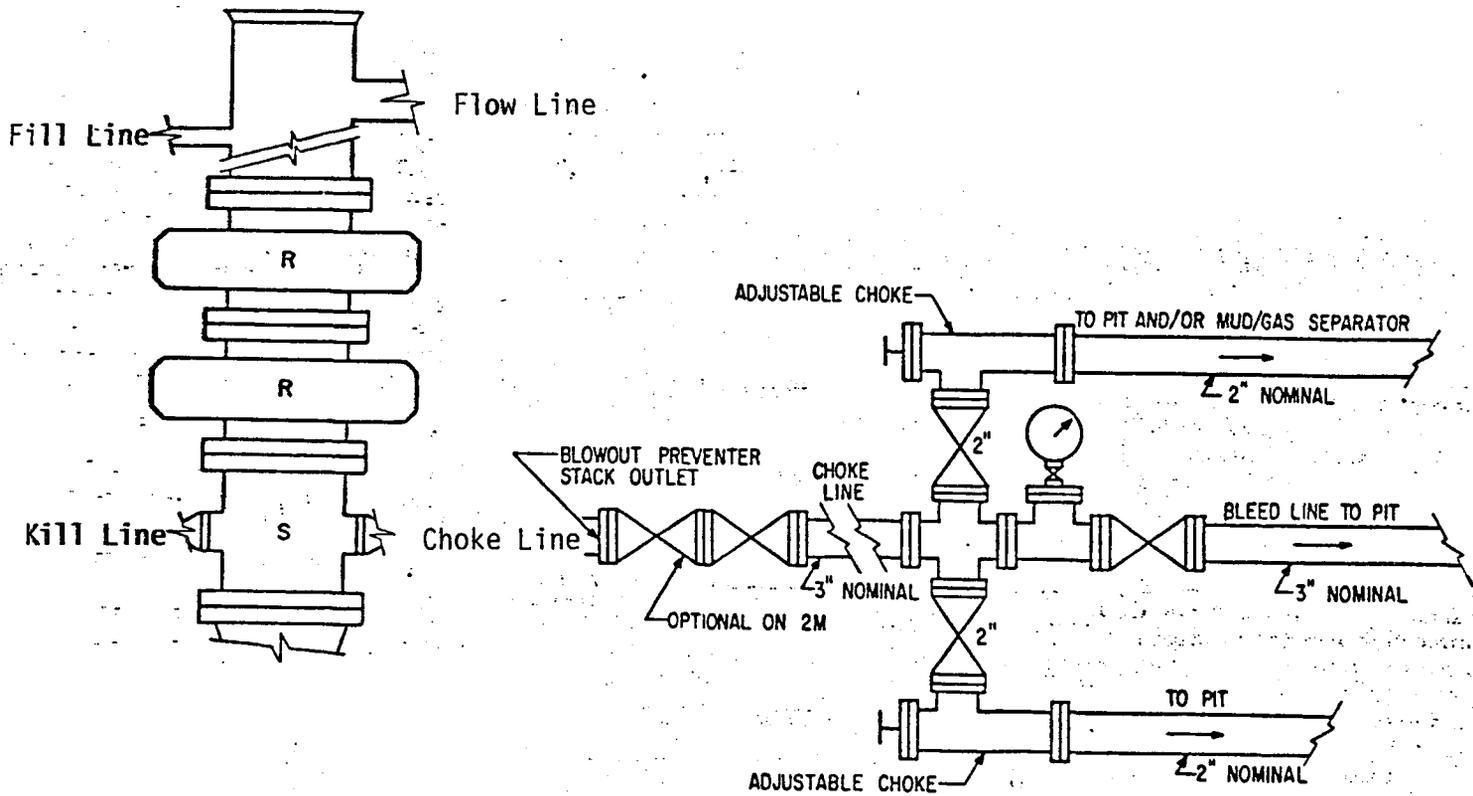
Sand Fracturing: 30,000 gallons gelled water, 30,000 pounds sand.

9. Abnormal Pressures and Temperatures:

We do not anticipate any abnormal pressures or temperatures. BOP's will be used for control. Mud weight will be increased, if necessary, to insure adequate control.

10. Starting Date and Duration:

We plan to spud the well by July 10, 1982 and expect drilling operations to last 10 days.



DOUBLE RAM TYPE PREVENTERS

Minimum BOP Stack	<u>3,000</u> psi Working Pressure
One Pipe Ram	
One Blind Ram	
Manifold	<u>3,000</u> psi Working Pressure
Well Head	<u>3,000</u> psi Working Pressure

CONOCO INCORPORATED

13 Point Surface Use Plan

for

Well Location

Green River "Kicker" 35 #43

Located In

Section 35, T8S, R21E, S.L.B. & M.

Uintah County, Utah

CONOCO INCORPORATED
Green River "Kicker" 35 #43
Section 35, T8S, R21E, S.L.B. & M.

1. EXISTING ROADS

See attached Topographic Map "A".

To reach CONOCO INCORPORATED, well location site Green River "Kicker" 35 #43 located in the NE 1/4 SE 1/4 Section 35, T8S, R21E, S.L.B. & M., Uintah County, Utah:

Proceed Westerly out of Vernal, Utah along U.S. Highway 40 - 14 miles to the junction of this Highway and Utah State Highway 209; proceed South along Utah State Highway 209 - 7 miles more or less to the junction of this Highway and Utah State Highway 88; proceed South along Utah State Highway 88 - 10 miles to Ouray, Utah; proceed on South out of Ouray approximately 0.4 miles across the Green River to the junction of this road and an existing Uintah County Road to the East; proceed Easterly along this road approximately 8.8 miles to its junction with the proposed access road (to be discussed in Item #2).

The highways mentioned above are bituminous surfaced roads to Ouray, Utah at which point the road is surfaced with native asphalt to the beginning of the proposed road.

There will be no construction on the above described roads. They will meet the necessary standards required to facilitate an orderly flow of traffic during the drilling phase, completion phase, and the production phase of this well at such time that production is established.

The highways mentioned above under Utah State jurisdiction and are maintained by State Road Crews. The County road is constructed of native asphalt and is maintained by County Road Crews.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The planned road leaves the existing road described in Item #1 in the NE 1/4 SE 1/4 Section 35, T8S, R21E, S.L.B. & M.2 and proceeds in a Northerly direction approximately 0.50'± to the proposed location site.

In order to facilitate the anticipated traffic flow necessary to drill and produce this well, the following standards will be met:

The proposed access road and the last 1.6 miles of the aforementioned existing road will be an 18' crown road (9' either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area.

Back slopes along the cut areas of the road will be 1 1/2 to 1 slopes and terraced.

There will be no culverts required along this road.

There will be no turnouts required along this access road.

There are no fences encountered along this access road, there will be no gates or cattleguards required.

The lands involved in this action are under B.I.A. jurisdiction.

The terrain that is traversed by this road is relatively flat. It is sparsely vegetated with sagebrush and grasses.

3. EXISTING WELLS

See Topographic Map "B".

There are five known existing gas wells within a one mile radius of this location site.

There are no water wells, abandoned wells, disposal wells, drilling wells, shut-in wells, injection wells, monitoring or observation wells for other resources located within a one-mile radius of this location site.

4. LOCATION OF EXISTING AND PROPOSED FACILITIES

There are welded steel tanks located at the existing wells mentioned above.

There are no other CONOCO INCORPORATED tank batteries, production facilities, oil gathering lines, gas gathering line, injection lines or disposal lines within a one-mile radius of this location site.

In the event production is established, a flowline will be placed from the well head to a Separator Dehydration Unit which will be placed at the edge of the Anchor pattern. A flowline from the Dehydrator Unit to an existing Mountain Fuel line will be placed, if production is established. Plans for this location will be submitted by Mountain Fuel, and the exact location will be submitted at that time.

A Welded Steel Tank will be placed on the location site to contain liquid hydrocarbons that are produced by this well.

The area will be built if possible, with native materials and if these materials are not available then the necessary arrangements will be made to get them from private sources.

There will be approximately 3,330 cubic yards of gravel required on the location site. It will be obtained from a private gravel pit.

These facilities will be constructed using bulldozers, graders, and workman crews to construct and place the proposed facilities.

CONOCO INCORPORATED
Green River "Kicker" 35 #43
Section 35, T8S, R21E, S.L.B. & M.

If there is any deviation from the above, all appropriate agencies will be notified.

Rehabilitation of disturbed areas no longer needed for operations after construction is completed will meet the requirements of Item #10.

5. LOCATION AND TYPE OF WATER SUPPLY

See Topographic Map "B".

At the present time, it is anticipated that water for this well will be pumped from the White River at a point located in the SE1/4 Section 35, T8S, R20E, S.L.B. & M. approximately 1000' South of the location site.

In the event that this source is not used, an alternate source will be used and all necessary arrangements will be made with the proper authorities.

All appropriate permits will be acquired from the proper authorities.

There will be no water well drilled at this location site.

6. SOURCE OF CONSTRUCTION MATERIALS

Construction materials for this location site shall be borrow materials accumulated during construction of the location site. There are no pit lining materials from other sources anticipated at this time, however, if they are required, the appropriate actions will be taken to acquire them from private sources.

7. METHODS OF HANDLING WASTE DISPOSAL

See Location Layout Sheet.

A reserve pit shall be constructed.

The reserve pit will vary in size and depth according to the water table at the time of drilling.

One-half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one half will be used to store non-flammable material such as cuttings, salts, drilling fluids, chemicals, produced fluids, etc.

If deemed necessary by the agencies concerned, to prevent contamination to surrounding areas, the reserve pit will be lined with a gel.

The pits will have wire and overhead flagging installed at such time as deemed necessary to protect the water fowl, wildlife, and domestic animals.

At the onset of drilling, the reserve pit will be fenced on three sides and at the time the drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and reclamation activities are attempted.

When the reserve pit dries and the reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements of Item #10 will be followed.

A portable trash basket will be placed on the location site and all trash will be hauled to the nearest Sanitary Landfill.

A portable toilet will be supplied for human waste.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See attached location layout sheet.

The B.I.A. Representative shall be notified before any construction begins on the proposed location site .

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type of material necessary to make it safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See location layout sheet and Item #9). When all drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area.

Any drainages re-routed during the construction activities shall be restored to their original line of flow as near as possible. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the pit shall be buried with a minimum of 5' of cover.

Restoration activities shall begin within 90 days after completion of the well. Once Restoration activities have begun, they shall be completed within 30 days.

CONOCO INCORPORATED
Green River "Kicker" 35 #43
Section 35, T8S, R21E, S.L.B. & M.

When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the B.I.A. Representative when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said clean-up and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

11. OTHER INFORMATION

The Topography of the General Area - (See Topographic Map "A")

The area is a large basin formed by the Uinta Mountains to the North and the Book Cliff Mountains to the South. The White River is located approximately 1000' to the Southeast of the location site.

The basin floor is interlaced with numerous canyons and ridges formed by the non-perennial streams of the area. The sides of these canyons are steep and ledges formed in sandstone ledges, conglomerate deposits, and shale are common in this area.

The geologic structure of the area that is visible is the Uintah formation (Eocene Epoch) Tertiary Period in the upper elevations and the cobblestone and younger alluvial deposits from the Quaternary Period.

Outcrops of sandstone ledges, conglomerate deposits, and shale are common in this area.

The topsoil in the area range from a light brownish-gray sandy-clay (SM-ML) type soil with poorly graded gravels to a clayey (OL) type soil.

The majority of the numerous washes and streams in the area are of a non-perennial nature flowing during the early spring run-off and extremely heavy thunderstorms of long duration which are extremely rare as the normal annual rainfall in the area is only 8".

The White River to the South of this location is the only perennial stream that is affected by this location site.

Due to the low precipitation average, climatic conditions and the marginal types of soils, the vegetation that is found in the area are common of the semi-arid region we are located in; it consists of sagebrush, rabbitbrush, some grasses, and cacti as the primary flora. This is also true of the lower elevations.

The fauna of the area is sparse and consists predominantly of the mule deer, coyotes, pronghorn antelope, rabbits, and varieties of small ground squirrels and other types of rodents. The area is used for the primary purpose of grazing domestic sheep and cattle.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

CONOCO INCORPORATED
Green River "Kicker" 35 #43
Section 35, T8S, R21E, S.L.B. & M.

The Topography of the Immediate Area (See Topographic Map "B").

Green River "Kicker" 35 #43 is located on a flat area approximately 1000' North of the White River.

The terrain in the vicinity of the location slopes from the Northeast through the location site to the Southwest at approximately a 0.6% grade.

The vegetation in the immediate area surrounding the location site consists of grasses and sparse amount of sagebrush.

There are no occupied dwellings or other facilities of this nature in the general area.

There are no visible archaeological, historical, or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B").

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

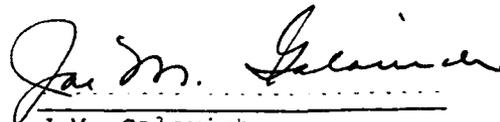
J.M Galovich
CONOCO INCORPORATED
907 Rancho Road
Casper, WY 82601

1-307-234-7311

13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge true and correct; and that the work associated with the operation proposed herein will be performed by CONOCO INCORPORATED and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

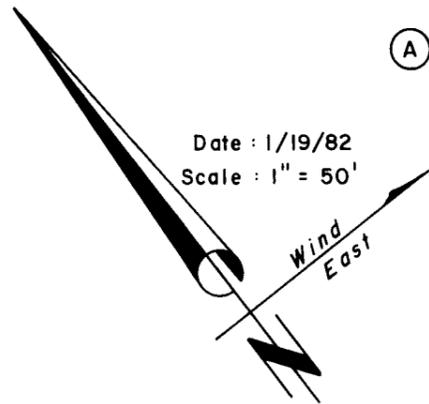
3-1-82
Date


J.M. Galovich

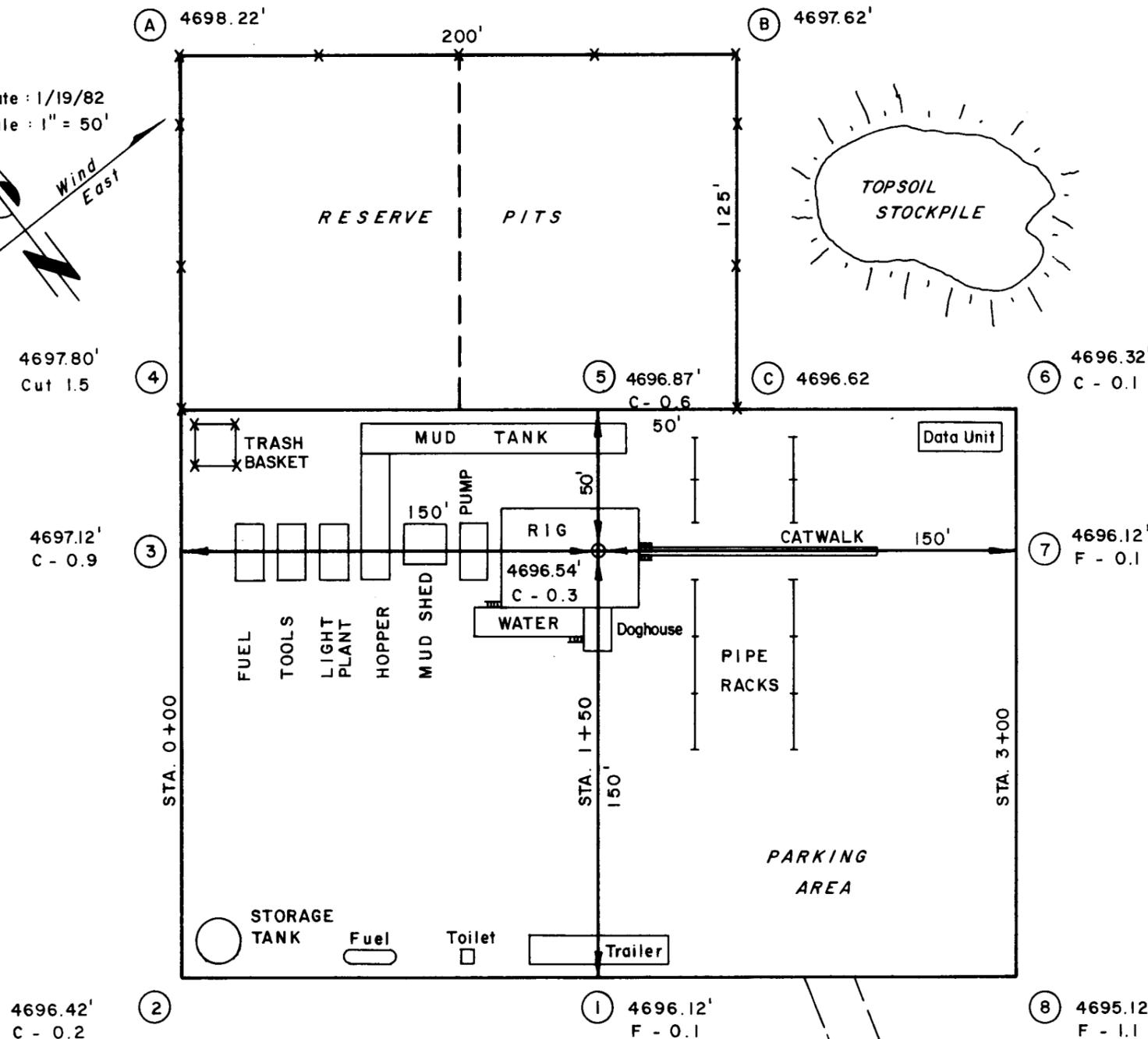
CONOCO INC.

GREEN RIVER "KICKER" 35 # 43

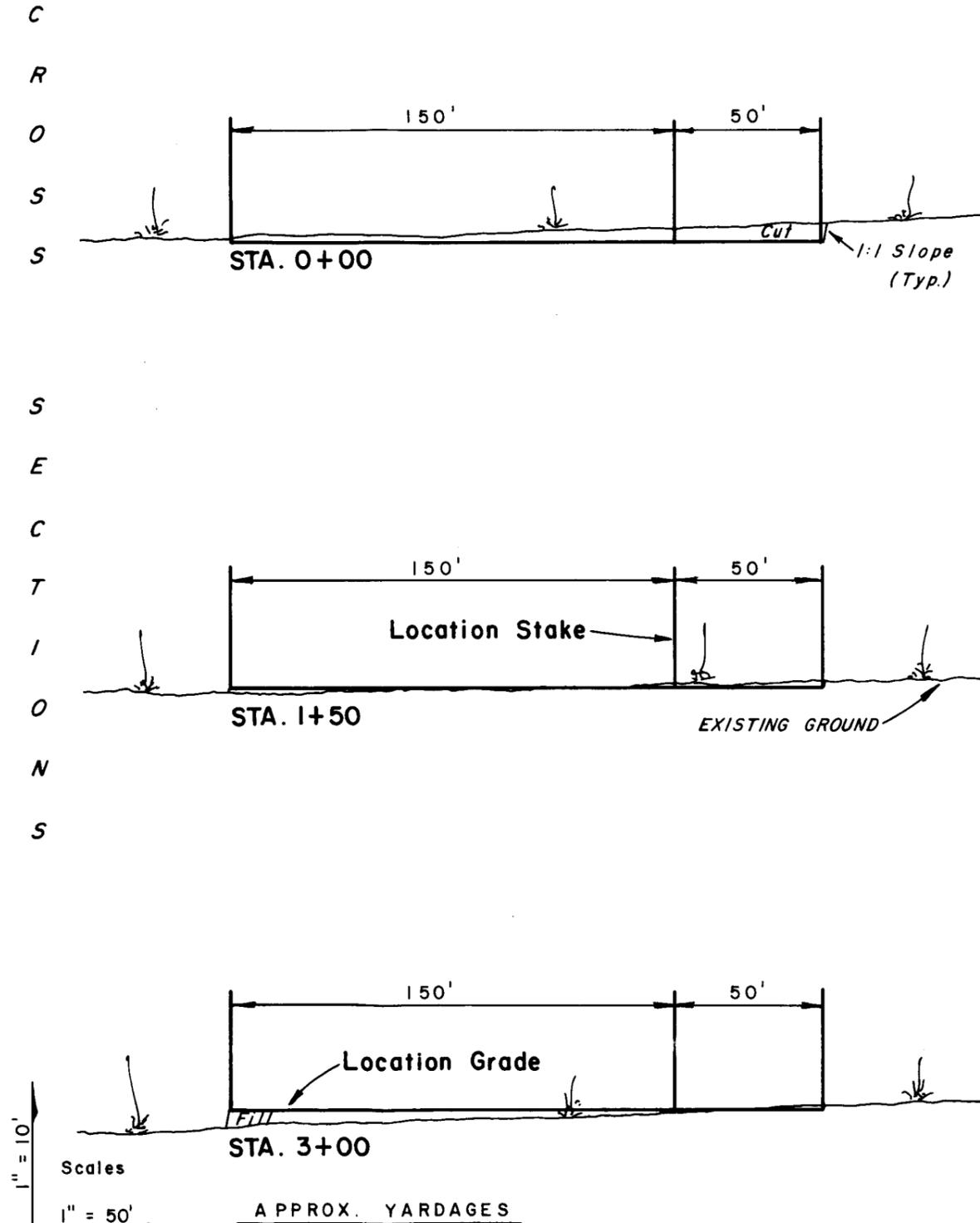
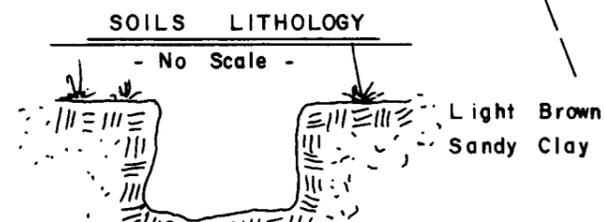
— LOCATION LAYOUT & CUT SHEET —



Date : 1/19/82
Scale : 1" = 50'



Access Road



APPROX. YARDAGES

Cubic Yards Cut - 586'

Cubic Yards Fill - 295'

CONOCO INC.

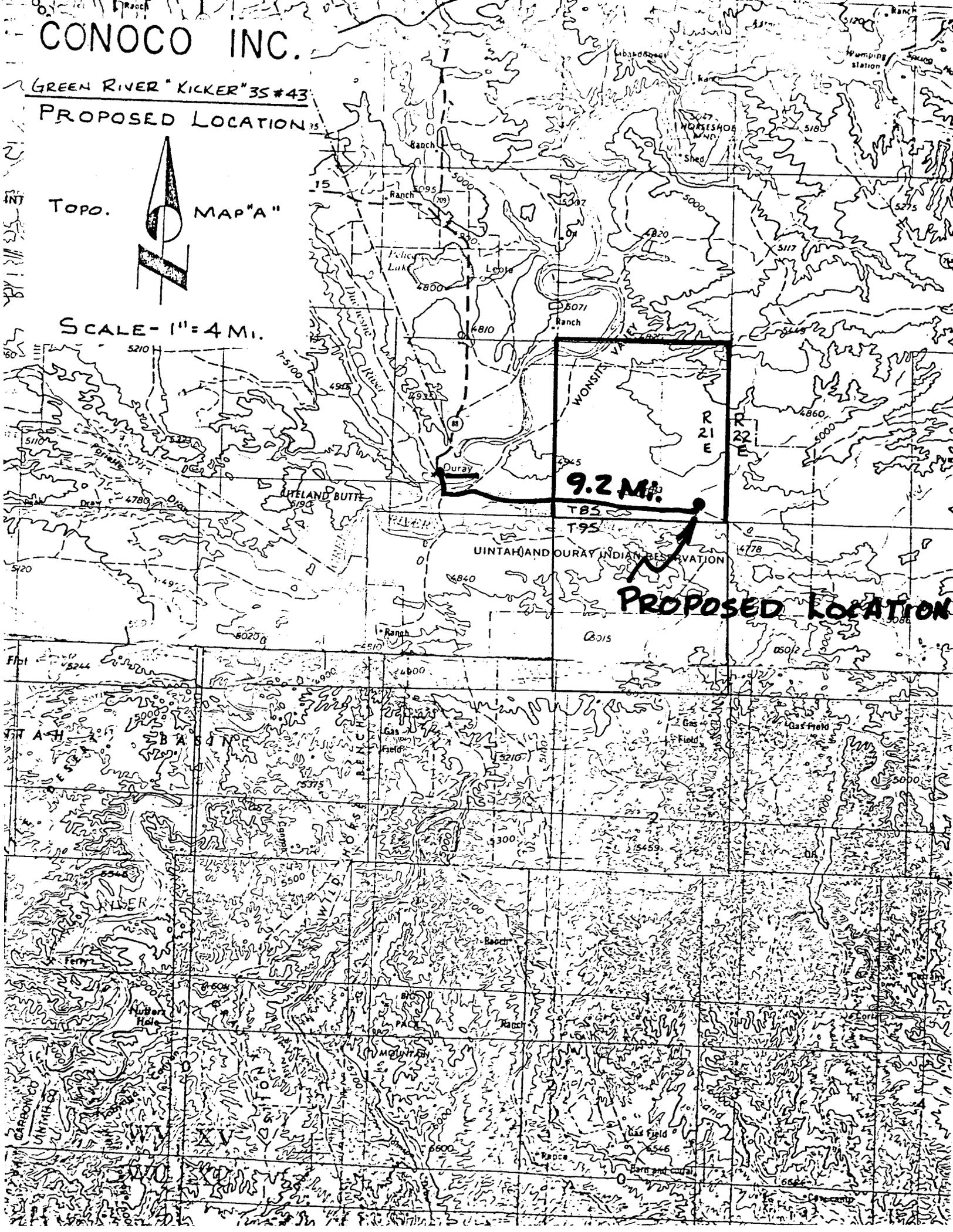
GREEN RIVER "KICKER" 35 #43

PROPOSED LOCATION

TOPO.

MAP "A"

SCALE - 1" = 4 MI.





Alex M. Yarsa
Division Manager
Production Department

Conoco Inc.
907 Rancho Road
Casper, WY 82601
(307) 234-7311

*Location
Abandoned*

June 28, 1982

Minerals Management Service
2000 Administration Building
1745 West 1700 So.
Salt Lake City, UT 84104

RECEIVED
JUL 02 1982

DIVISION OF
OIL, GAS & MINING

Gentlemen:

Application for Permit to Drill
(Kicker Wells) Uintah County, Utah

Well No. 42, NE/SW Section 3, T9S, R21E
AL 14-20-H62-3009

Well No. 43, NE/SE Section 35, T8S, R21E
TL 14-20-H62-2888

Well No. 44, NW/SE Section 36, T8S, R21E
TL 14-20-H62-2889
File: PC-410-CF

Due to current capital constraints, we are requesting that your office return, unapproved, the subject wells' Applications for Permit to Drill. If, at a later date, economic conditions indicate that the proposed wells are still a worthwhile investment, the subject APDs will be resubmitted.

Very truly yours,

ORIGINAL SIGNED BY
ALEX M. YARSA

hfs

cc: UOGCC

July 6, 1982

Mr. Alex M. Yarsa
Conoco Inc.
907 Rancho Road
Casper, Wyoming 82601

RE: Well No. 42
Sec. 3, T9S, R21E
Well No. 43
Sec. 35, T8S, R21E
Well No. 44
Sec. 36, T8S, R21E

As per your request, we are returning the applications for permit to drill on the above referenced wells. If at a later date you decide you would like to drill these wells, please feel free to re-submit the applications.

If you have any questions, please give me a call.

Sincerely,


SANDRA CURTIS
ADMINISTRATIVE AIDE

SLE
Enclosure
cc: Minerals Management Service