

UTAH OIL AND GAS CONSERVATION COMMISSION

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

* Location Abandoned - ~~June 28, 1982~~ 7-6-82

DATE FILED 3-8-82
 LAND: FEE & PATENTED _____ STATE LEASE NO. _____ PUBLIC LEASE NO. _____ INDIAN 1420-H62-2646

DRILLING APPROVED: 3-10-82

SPUDDED IN: _____
 COMPLETED: _____ PUT TO PRODUCING _____

INITIAL PRODUCTION: _____

GRAVITY API _____

GOR: _____

PRODUCING ZONES: _____

TOTAL DEPTH: _____

WELL ELEVATION: _____

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

FIELD: NATURAL BUTTES 7/86

UNIT: _____

COUNTY: UINTAH

WELL NO. CONOCO UTE TRIBAL 36 #44 API NO. 43-047-31185

LOCATION 2305 FT. FROM X (S) LINE. 1814 FT. FROM (E) X LINE. NW SE 1/4 - 1/4 SEC 36

TWP	RGE	SEC	OPERATOR	TWP	RGE	SEC	OPERATOR
8S	21E	36	CONOCO INC.				

10

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 2,305' FSL, 1,814' FEL (NW/SE)
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 Approx. 31 miles SW of Vernal, 11 miles E of Hwy. 88

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 1,814'

16. NO. OF ACRES IN LEASE
 80.0

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.
 990'

19. PROPOSED DEPTH
 3,500'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 4,784' Ungraded Ground

22. APPROX. DATE WORK WILL START*
 July 20, 1982

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 36 No. 44 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 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: 3/10/82
 BY: [Signature]

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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 [Signature] TITLE Administrative Supervisor DATE 2-22-82

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

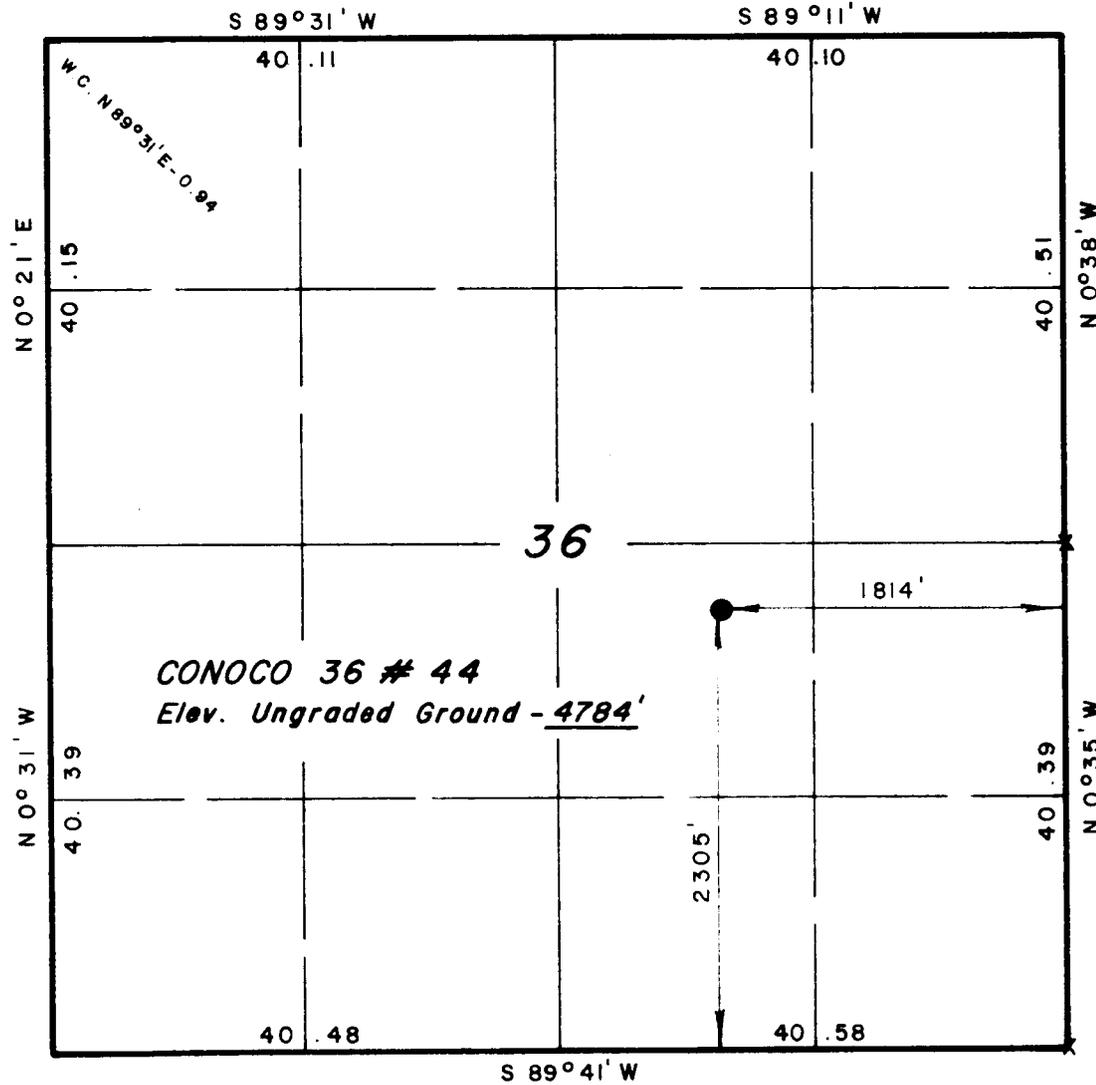
CONDITIONS OF APPROVAL, IF ANY:

USGS(3) UOGCC(2) File

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

PROJECT
CONOCO INC.

Well location, CONOCO 36#44,
located as shown in NW 1/4 SE 1/4,
Section 36, 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

James H. Bennett

REGISTERED LAND SURVEYOR
REGISTRATION NO 3154
STATE OF UTAH

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

SCALE	1" = 1000'	DATE	2/12/82
PARTY	DA, KR	JH	REFERENCES GLO PLAT
WEATHER	COLD	FILE	CONOCO

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	2,110'	+2,674'
Base of Marlstone	3,028'	+1,755'
Top "Kicker" Sand	3,248'	+1,536'
T.D.	3,500'	+1,356'

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.

7. Testing, Logging, Coring: (Continued)

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.

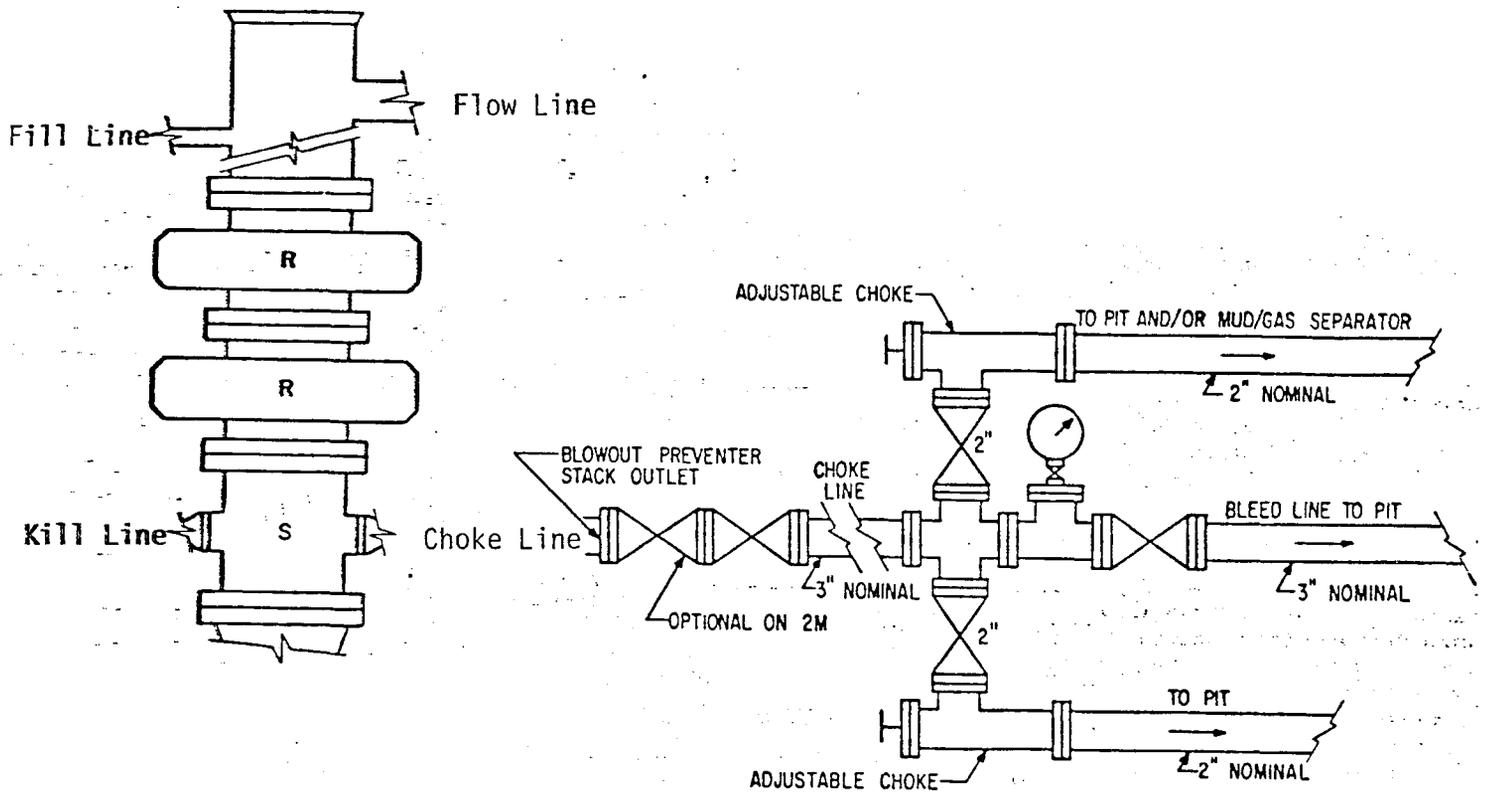
Sand Fracturing: 30,000 gallons gelled water, 30,000 pounds sand.

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 20, 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

Conoco 36 #44

Located In

Section 36. T8S, R21E, S.L.B.& M.

Uintah County, Utah

CONOCO, INCORPORATED
Conoco 36 #44
Section 36, T8S, R21E, S.L.B. & M.

1. EXISTING ROADS

See attached Topographic Map "A".

To reach CONOCO, INCORPORATED, well location site Conoco 36 #44, located in NW 1/4 SE 1/4 Section 36. 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 the Utah State Highway 88; proceed South along the Utah State Highway 88 - 10 miles to Ouray, Utah; proceed South out of Ouray approximately 0.4 miles to the junction of this road and an existing Uintah County road to the East; proceed Easterly along this road approximately 10 miles to the junction with an existing road to the North; proceed in a Northwesterly direction along this road 0.64 miles to its junction with 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 for approximately the first 4 miles of road used to reach the proposed location.

The Highways mentioned above are state administered and are maintained by their crews, and the county road mentioned above is maintained by county crews. The other roads will be maintained by CONOCO, INCORPORATED or their subcontractors. This maintenance will require some minor grader work to smooth surfaces and for snow removal. No major work is anticipated.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The planned road leaves the existing road described in Item #1 in the NW 1/4 SE 1/4 Section 36. T8S, R21E, S.L.B. & M., and proceeds in a Northerly direction approximately 200' 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:

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Conoco 36 #44
Section 36, T8S, R21E, S.L.B.& M.

The proposed access 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 the area.

Back slopes along the cut areas of the roads 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 therefore there are 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 existing gas wells within a one mile radius of this location site.

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

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.

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Conoco 36 #44
Section 36, T8S, R21E, S.L.B. & M.

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

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 the water for this well will be hauled from the White River at a point located in the NW 1/4 SW 1/4 Section 6, T9S, R21E, S.L.B. & M., approximately 1.4 miles Southeast 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

All construction material for this location site and access road shall be borrow material accumulated during construction of the location site and access road. No pit lining materials from other sources are anticipated at this time, but 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 will 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 materials such as cuttings, salts, drilling fluids, chemicals and produced fluids, etc.

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

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Conoco 36 #44
Section 36, T8S, R21E, S.L.B. & M.

The pits will have wire and overhead flagging installed if 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 drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and other reclamation activities are attempted.

When the reserve pit dries and reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements in 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 Land Fill.

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 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 pits shall be buried with a minimum of 5' of cover.

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Section 36, T8S, R21E, S.L.B. & M.

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

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 3000' to the Southwest 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 structures of the area that are visible are of the Uinta 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 topsoils in the area range from a light brownish-gray sandy clay (SM-ML) type soil with poorly graded gravels to a clayey (OL) soil.

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

The White River to the West and North 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 regions and consists of areas 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, pronghorn antelope, coyotes, rabbits, and varieties of small ground squirrels and other types of rodents. The area is used by man for the primary purpose of grazing domestic sheep and cattle.

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Section 36, T8S, R21E, S.L.B.& M.

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

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

Conoco 36 #44 is located on relatively flat area approximately 3000' Northeast of the White River.

The terrain in the vicinity of the location slopes from the Southeast through the location site to the Southwest at approximately a 1.0% grade.

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

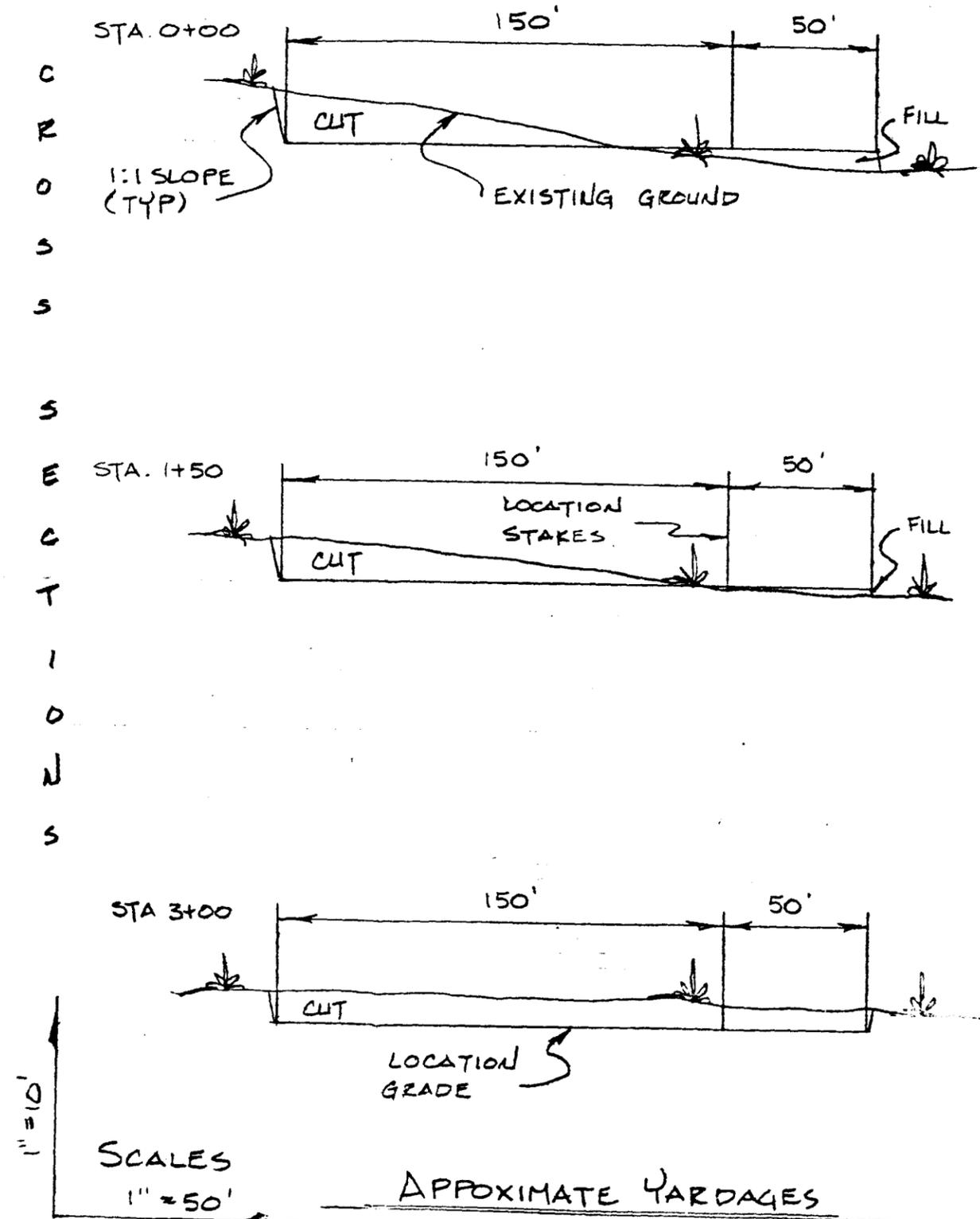
3-1-82
Date

J. M. Galovich
J.M. Galovich

CONOCO INC.

36 # 44

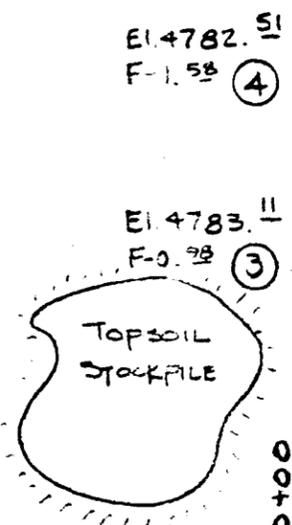
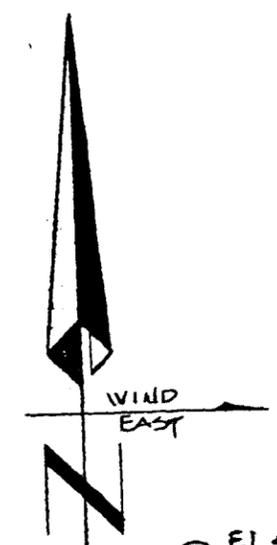
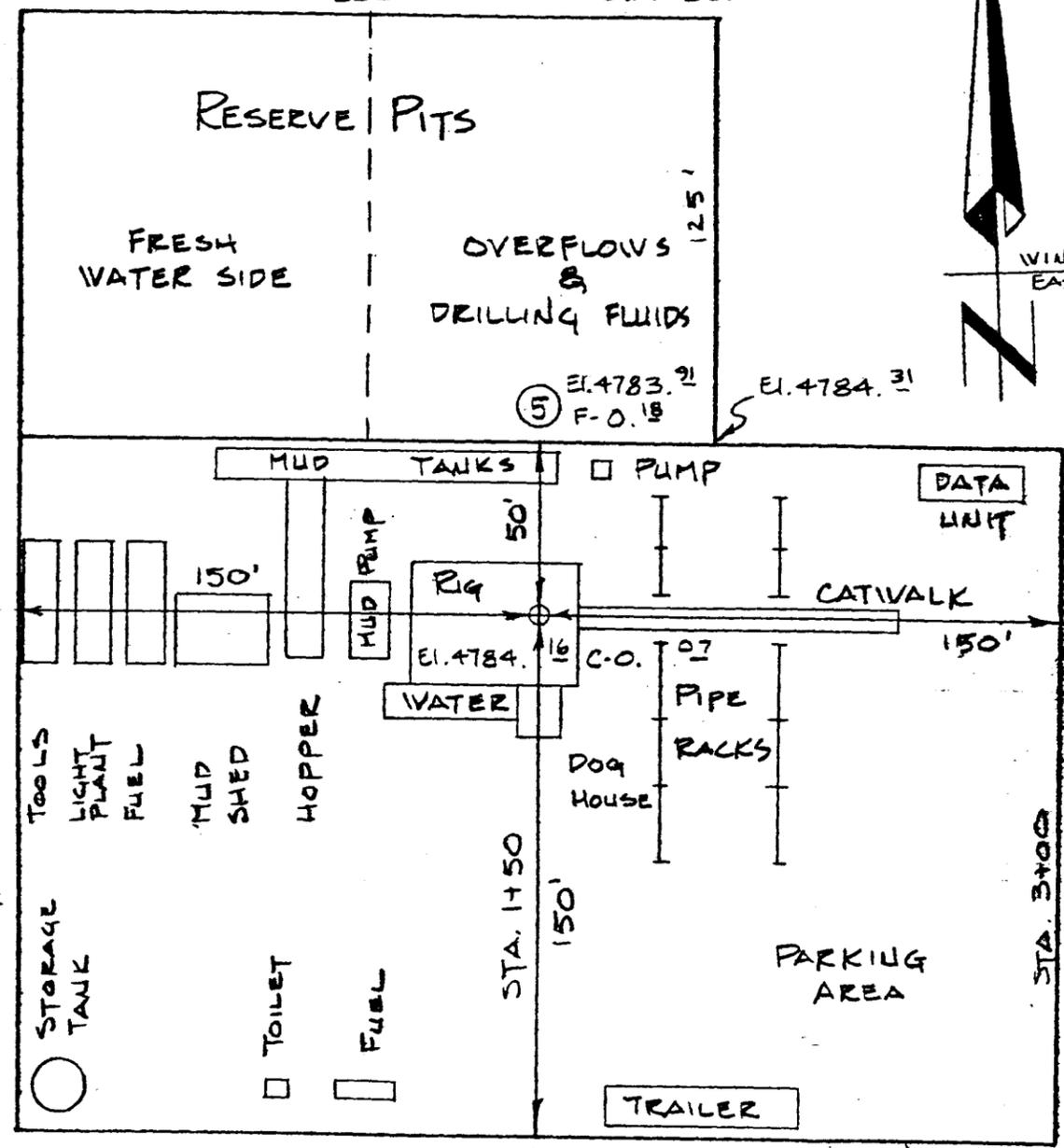
Location Layout Sheet



APPROXIMATE YARDAGES

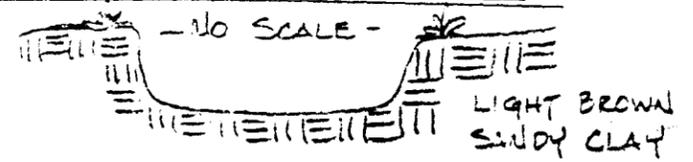
CU. YDS CUT - 2450
CU. YDS FILL - 245

E4784.01 200' E1.4785.71

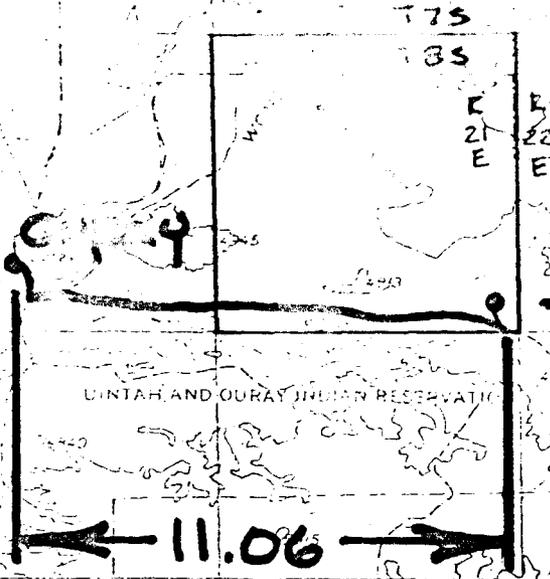


EXISTING SURFACE PIPELINE E1.4786.51 C-2.43

SOILS LITHOLOGY



PROPOSED ACCESS



PROPOSED LOCATION

CONOCO INC.

36#44

PROPOSED LOCATION

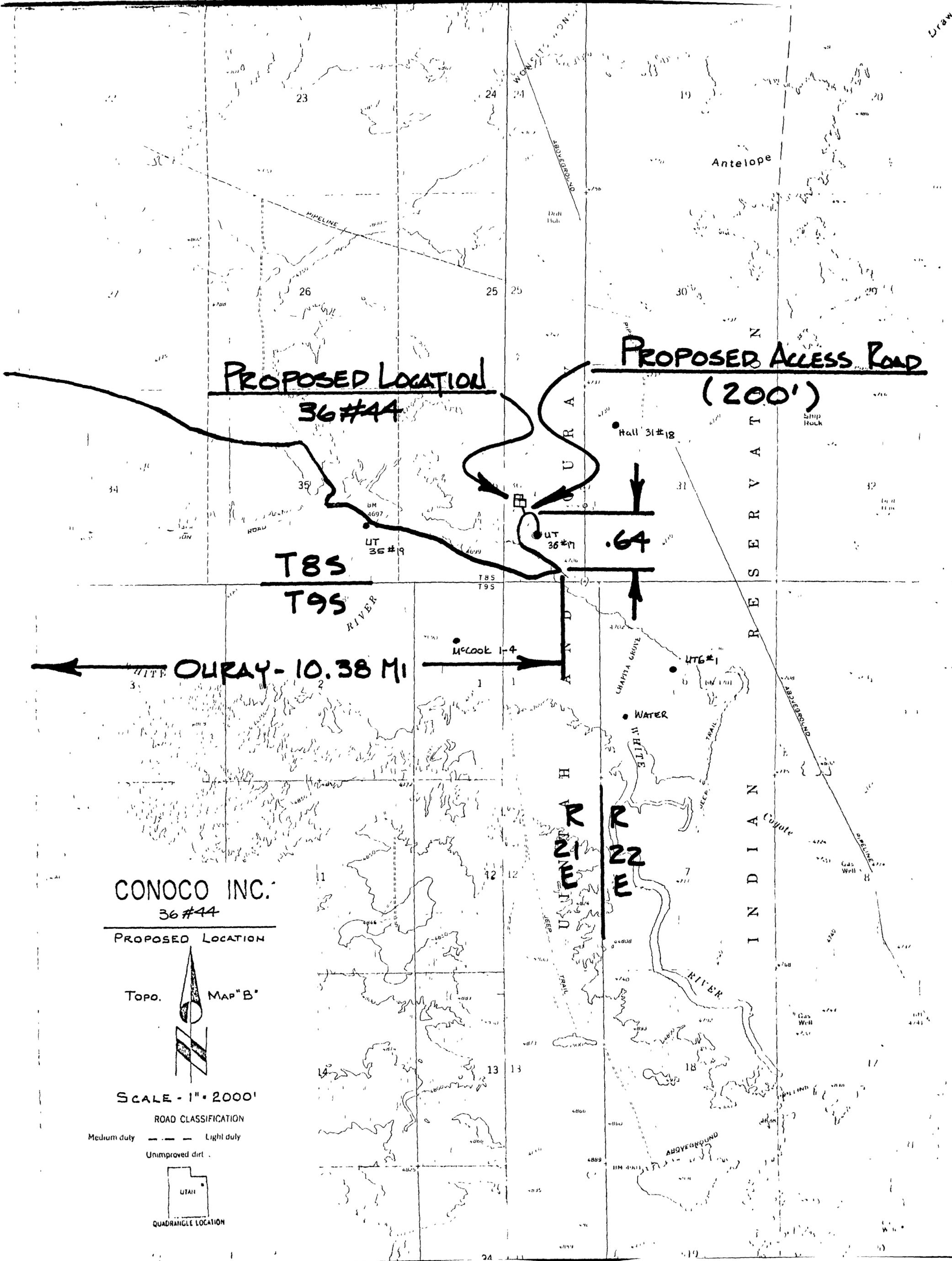
TOPO.

MAP "A"



SCALE - 1" = 4 MI.

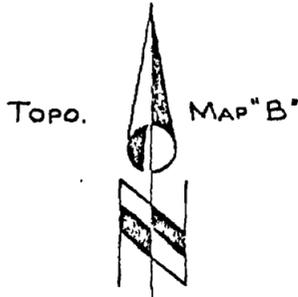
Draw



CONOCO INC.

36#44

PROPOSED LOCATION



SCALE - 1" = 2000'

ROAD CLASSIFICATION

Medium duty - - - Light duty

Unimproved dirt . . .





Alex M. Yarsa
Division Manager
Production Department

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

*Location
Abandoned*

June 28, 1982

RECEIVED
JUL 02 1982

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

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