

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
 Primary Fuels, Inc., c/o D.C. Little

3. ADDRESS OF OPERATOR
 PO Box 2212, Rock Springs, Wyoming 82902

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface NE SE 661' FEL & 1978' FSL
 At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 38.0 miles SE of Vernal, Utah

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

18. NO. OF ACRES IN LEASE
 40

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.

19. PROPOSED DEPTH
 4370' *WASATCH*

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5359' GR

22. APPROX. DATE WORK WILL START*

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24# - J55	500'	Circ. cement to surface
7-7/8"	5-1/2"	15.50#J55	4370'	Sufficient to cover 1000' above producing sand. To be determined after logg

Plan to drill a 4,370' Wasatch test. If the well is productive it will be cased as shown above and completed as indicated on the 10-point plan. If a dry hole is drilled, it will be plugged as per MMS/Bureau of Land Management and the State of Utah requirements.

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
 DATE: 6/24/83
 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 David C. Little TITLE Rep. DATE JUN. 24 1983

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

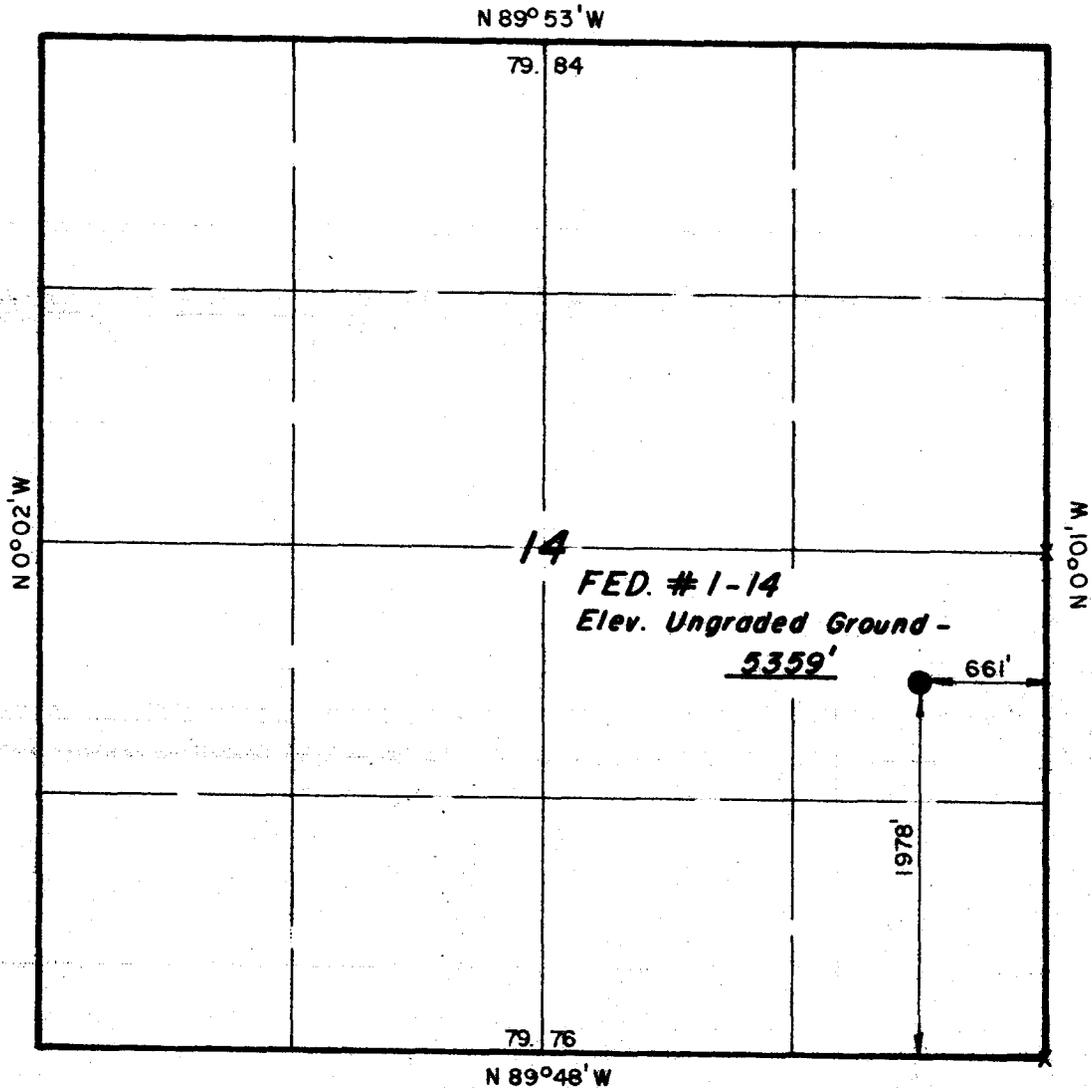
APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

T 8 S , R 2 4 E , S . L . B . & M .

PROJECT
PRIMARY FUELS

Well location, *FED. #1-14*,
located as shown in the NE
1/4 SE 1/4 Section 17, T8S, R24E,
S.L.B. & M. Uintah County, Utah.



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.

Richard D. ...

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	6/17/83
PARTY	LDT RK TJ RP	REFERENCES	GLO PLAT
WEATHER	FAIR	FILE	PRIMARY

X = Section Corners Located

Primary Fuels, Inc.
Well No. 1-14
Section 14, T. 8 S., R. 24 E.
Uintah County, Utah
Lease U-36862

Supplemental Stipulations

- 1) Traveling off access road right-of-ways will not be allowed. The maximum width of access roads (both existing and planned) will be 30 feet total disturbed area. Roads will be crowned and properly maintained. Turn-outs will not be required. Bar ditches will be installed where necessary.
- 2) Burn pits will not be constructed. There will be no burning or burying of trash or garbage at the well site. Refuse must be contained in trash cages and hauled to an approved disposal site.
- 3) A wire mesh or net type of fence, topped with at least one strand of barbed wire, will be used around the reserve pits.
- 4) The BLM will be contacted at least 24 hours prior to any rehabilitation activities. The operator may be informed of any additional needed seeding requirements.
- 5) The top 6-8" of topsoil will be stockpiled at the backside of the location near reference stakes 1, 2, and 8. This includes topsoil from the reserve pit.
- 6) All permanent (on location for six (6) months duration or longer structures) constructed or installed, including the pumpjack and covering over tank insulation, shall be painted a flat, non-reflective, earth tone color to match Tnemec 23-08351 Mesa Brown Enduratone or an approved equal. All facilities shall be painted within six (6) months of when the production facilities are put in place. Facilities that are required to comply with O.S.H.A. (Occupational Safety and Health Act) standards are excluded.
- 7) Choice of color stipulation may vary depending on location.
- 8) Adequate and sufficient electric/radioactive logs will be run to locate and identify the prime oil shale horizons in the Mahogany Zone of the Green River formation. Casing and cementing programs will be adjusted to eliminate any potential influence of the well bore or productive hydrocarbon zones on the oil shale resource. Surface casing program may require adjustment for protection of fresh aquifers. (See attached tentative casing and cementing program for the Uinta Basin.)



United States Department of the Interior

GEOLOGICAL SURVEY
Conservation Division
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

February 2, 1981

General Outline for the Protection and Isolation of Ground Water and Oil Shale in the Uinta Basin.

The oil shale occurs with varying thicknesses in most parts of the Uinta Basin and at varying depths. Ground water also occurs at varied depths above and below the Oil Shale. These ground waters have varying degrees of salinity. Nonetheless, drilling for hydrocarbon in the Uinta Basin should provide for the protection of the oil shale and the ground water if either is present.

The protection of the oil shale and the ground water can effectively be carried on through the design of an adequate casing and cementing program for each well drilled in the area.

In the Uinta Basin, water occurs mainly in the Uinta and the Green River formations. As drilling for hydrocarbon gets deeper into the crust of the earth, more ground water might be encountered and will be protected as it is encountered.

This notice's purpose is to attempt to lay the groundwork for a casing program and cementing program that will protect the oil shale and the ground water if present.

These programs are to be considered as guidelines. The specificity of casing depth, amount of cement and the depth of staging collars will be considered on an individual basis after a careful study of the logs of each individual well. Cementing from the bottom up is an economical solution if carefully conducted.

The casing and cementing program presented here as an example, will assume that fresh water was encountered in the upper parts of the Green River, that the oil shale occurs in the middle of the Green River (1000 foot section) and that some ground water is encountered in the lower parts of the Green River.

In this case, three areas will have to be cemented to assure the integrity of the ground water and oil shale. These areas are above the upper fresh water, across the oil shale and below the lower water aquifer. Deep aquifers that do not contain useful water are cemented to prevent water zone influence on production.

The following casing and cementing program will be appropriate for this example:

- A. Surface casing is set at approximately 300 feet and cemented to the surface.

B. The next casing string will be set at approximately 300 feet below the lowest aquifer. Cementing will be done in three stages, using two stage collars and cement baskets or equivalent as described below and on attached sketches:

1. Cement first stage through the casing shoe to fill annulus back to base of lower aquifer.
2. Place 1st stage collar (with cement basket immediately below) at a selected point at the base of the oil shale. Cement will have to reach top of oil shale.
3. Place 2nd stage collar (with cement basket immediately below) 50 feet above the top of the Bird's Nest aquifer and cement to at least 300 feet above the stage collar.

C. The above is an example. Reasonable equivalents that accomplish these same protective measures, (such as cementing the water zones instead of isolating them), depending on the individual cases will be considered for approval.

D. When the above mentioned well is to be abandoned, inner-casing plugs will have to be placed at the same depth as the above mentioned annulus cement jobs.

The use of cement bond logs will verify the authenticity of the cement job performed.

E. The Operator of such well should notify U.S.G.S. 48 hours prior to commencement of casing and cementing activity, so a technician could be dispatched to witness the operations to verify compliance with casing and cementing program.

Attached Sketches:

1. Schematic of the required casing and cementing program.
2. Cross section of the Uinta Basin.
3. Schematic of the general ground water protection program.

E. W. Guynn
District Oil and Gas Supervisor

AMR/kr

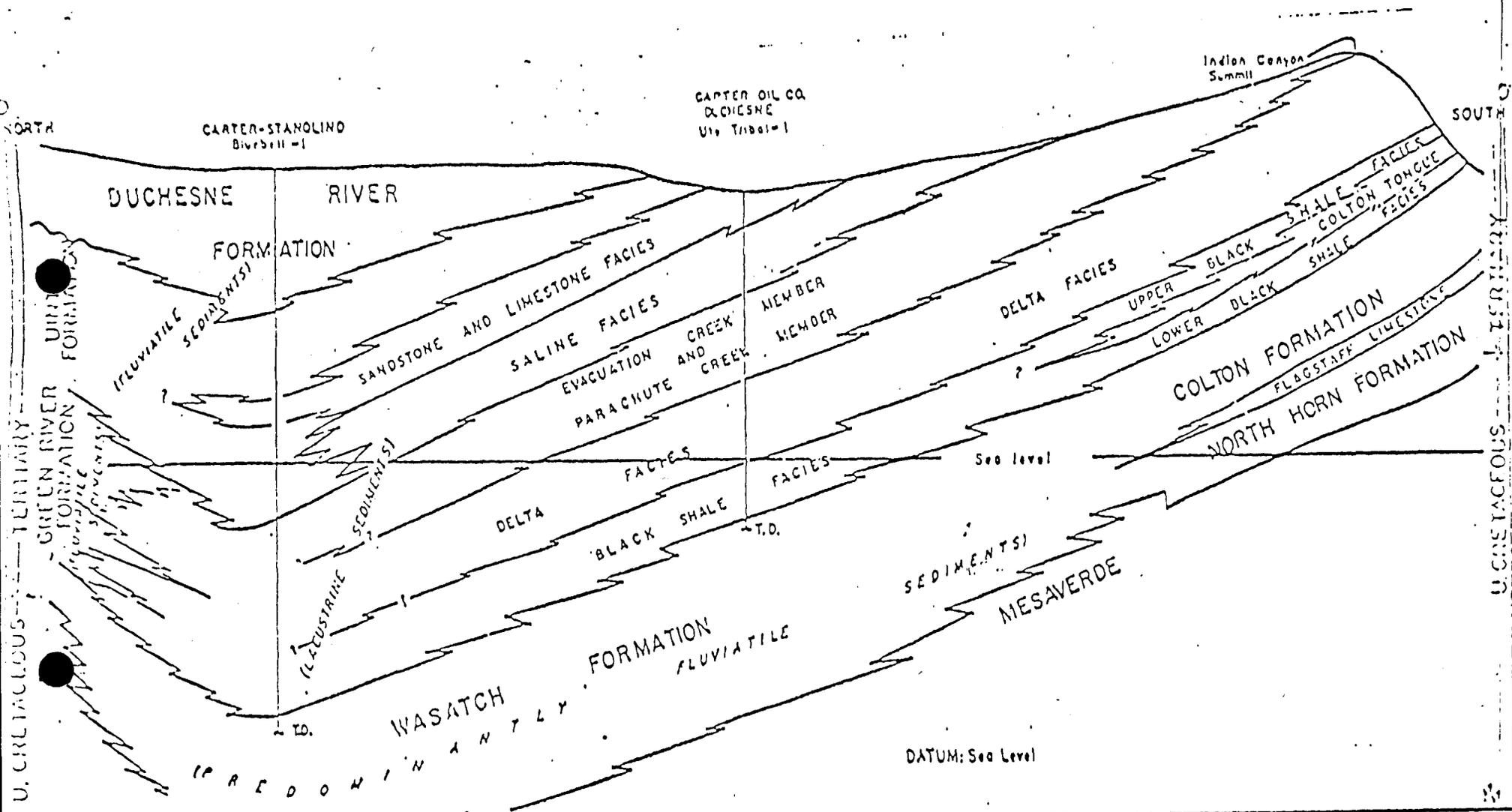
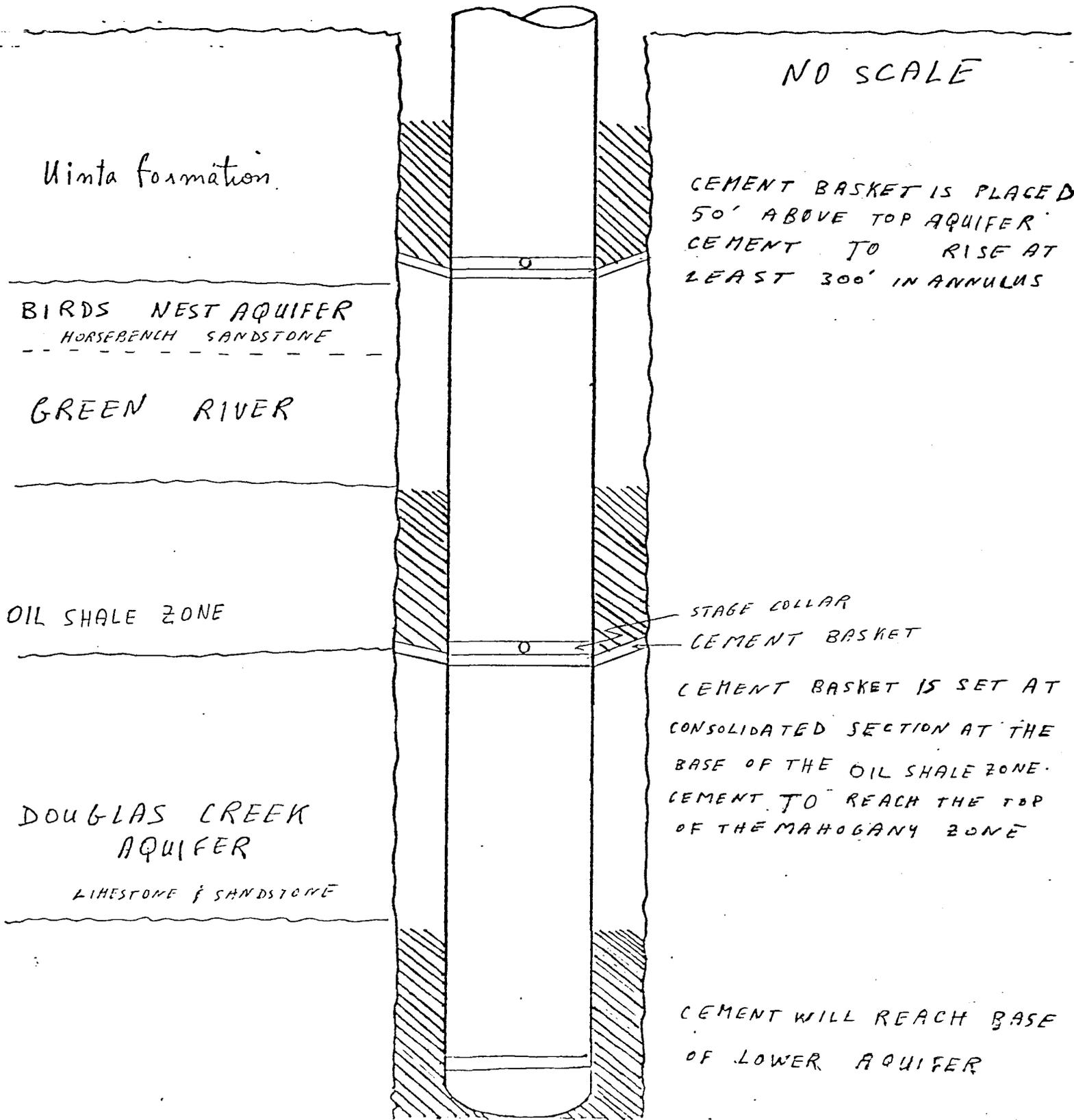


Figure 5.- View east of cross section of Uinta Basin showing stratigraphy and intertonguing of Tertiary rocks. Ute Tribal-1 (in section) is located about 8 miles southeast of the application area .

PARTIAL CASING & CEMENTING PROGRAM FOR WELLS IN NATURAL BUTTES FIELD. - UINTAH COUNTY, UTAH



SUPERVISOR, OIL AND GAS OPERATIONS:

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of oil and gas lease

DISTRICT LAND OFFICE: UTAH

SERIAL NO.: U-36862

and hereby designates

NAME: Primary Fuels, Inc.

ADDRESS: One Denver Place, Tower One, Suite 3020
999 Eighteenth Street, Denver, Colo., 80202

as his operator and agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to (describe acreage to which this designation is applicable):

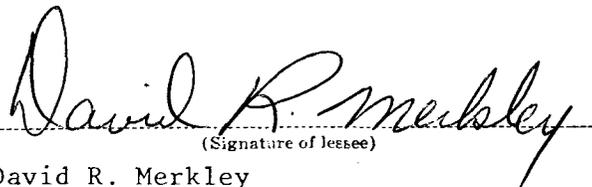
Utah, Uintah County:Township 8 South - Range 24 East, SLM:Section 14: NE $\frac{1}{4}$ SE $\frac{1}{4}$

Containing 40 acres.

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the oil and gas supervisor of any change in the designated operator.



(Signature of lessee)

David R. Merkley

June 13, 1983

(Date)

2195 West 1500 North, Vernal, Ut. 84078

(Address)

RMP

ADDITIONAL INFORMATION

Primary Fuels, Inc.
Well #1-14 Federal
C NE SE, Sec. 14, T8S, R24E
Uintah County, Utah

1. GEOLOGIC SURFACE FORMATION

The surface formation is the Uintah formation

2. ESTIMATED TOPS FOR IMPORTANT GEOLOGIC MARKERS

Green River	1,174'
Base of Shale	3,004'
"H" Marker	3,694'
"B" Sand	4,156'
"Y" Sand	4,192'
"G" Sand	4,214'
Wasatch	4,320'
TD	4,370'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OF MINERAL BEARING FORMATIONS

Estimated depth of oil 4,192'. Fresh water will be Protected/Reported

4. PROPOSED CASING PROGRAM

See APD, Item #23

5. OPERATOR'S MINIMUM SPECIFICATION FOR PRESSURE CONTROL EQUIPMENT

The attached is a schematic diagram of equipment to be used. A 10" 3000-psi double hydraulic BOP, 10" 3000-psi Annular preventor and a 10" 2000-psi casing head. To be pressure tested on installation to 70% of internal yield of casing. BOP's to be operationally tested daily. Accumulator system will be located a safe distance from the rig and will be hydraulic operated. A console to be operated hydraulically will be on location if not the BOP's will be manually operated.

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATING FLUID

<u>INTERVAL</u>	<u>NW</u>	<u>VISC</u>	<u>FL</u>	<u>TYPE</u>
0' - 3000'	8.6 - 9.6	32-38	NC	KCL
3000' - TD	8.6 - 9.6	32-38	10-12	Gel - KCL

Mud will be visually monitor with a visual marker.

Primary Fuels, Inc.
Well #1-14 Federal
C NE SE, Sec. 14, T8S, R24E
Uintah County, Utah

Page No. 2

7. AUXILIARY EQUIPMENT

- A. A kelly cock will be used at all times.
- B. A float will be used above the bit whenever possible.
- C. Pit level will be visually monitored at all times.
- D. A stabbing valve will be on the rig floor to be stabbed into the drill pipe when the kelly is not in use.

8. TESTING, LOGGING AND CORING PROGRAMS TO BE FOLLOWED

- A. DST will be at the discretion of the well site geologist.
- B. No coring is anticipated.

C. Logging:

<u>Type</u>	<u>Depth</u>
FDC/CNL	TD to 500'
DIL_GR	TD to 500'

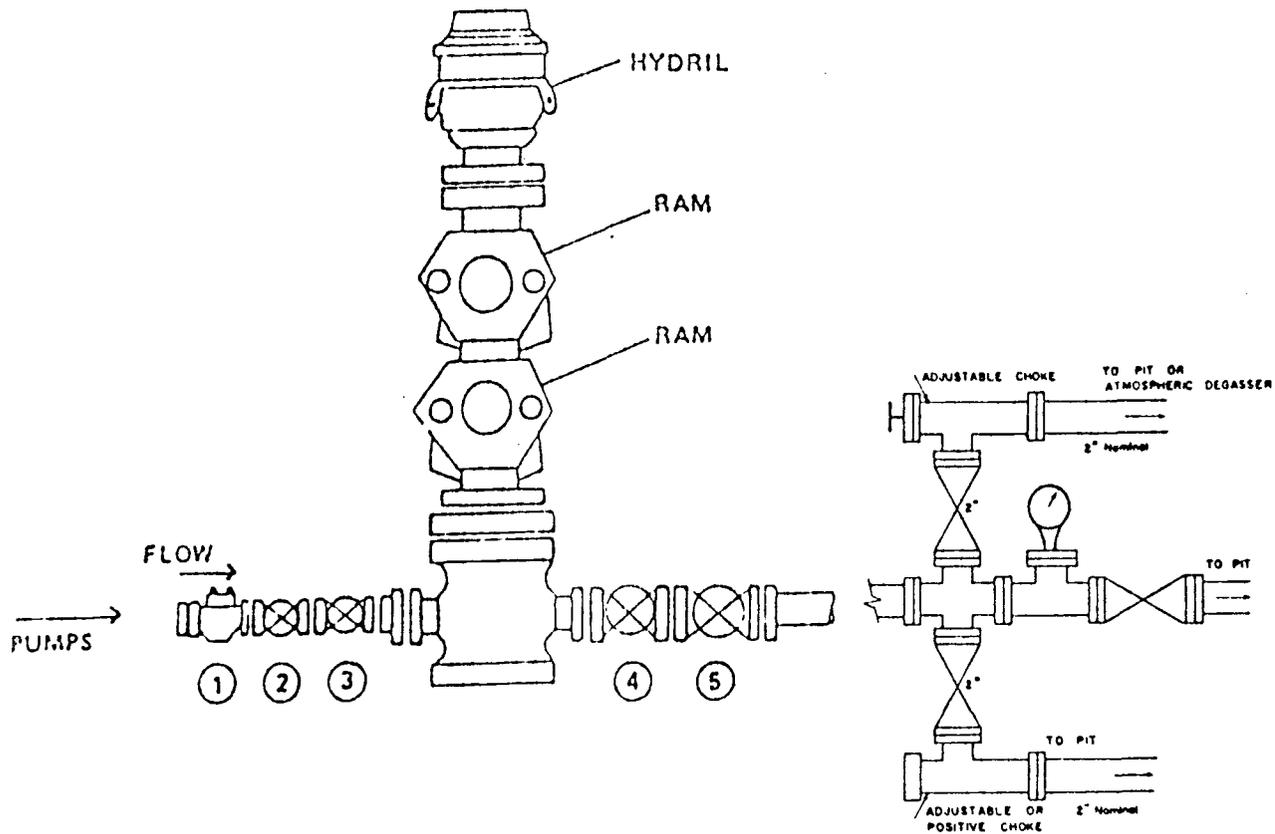
9. ANY ABNORMAL PRESSURES OR TEMPERATURES EXPECTED

No abnormal pressures or high temperatures are anticipated at this depth.

10. DRILLING SCHEDULE

Anticipated starting date during the month of July 1983 with duration of operations expected to last about 30 days
A Rat Hole digger may be used to set 40' of 16" conductor and drill the rat hole and mouse hole.

MINIMUM BOP Requirements



recommended choke manifold for 2000 and 3000
psi WP service.

KILL LINE

Valve #1 — Flanged check valve
Full working pressure
of BOP

Valves #2 & 3 — Flanged, minimum 2" bore
Full working pressure of BOP

CHOKE LINE

Valve #4 & 5 — Flanged minimum 2" bore full
working pressure of BOP
(Note: An HCR can be used
instead of Valve #5)

GENERAL RULES AND RECOMMENDATIONS

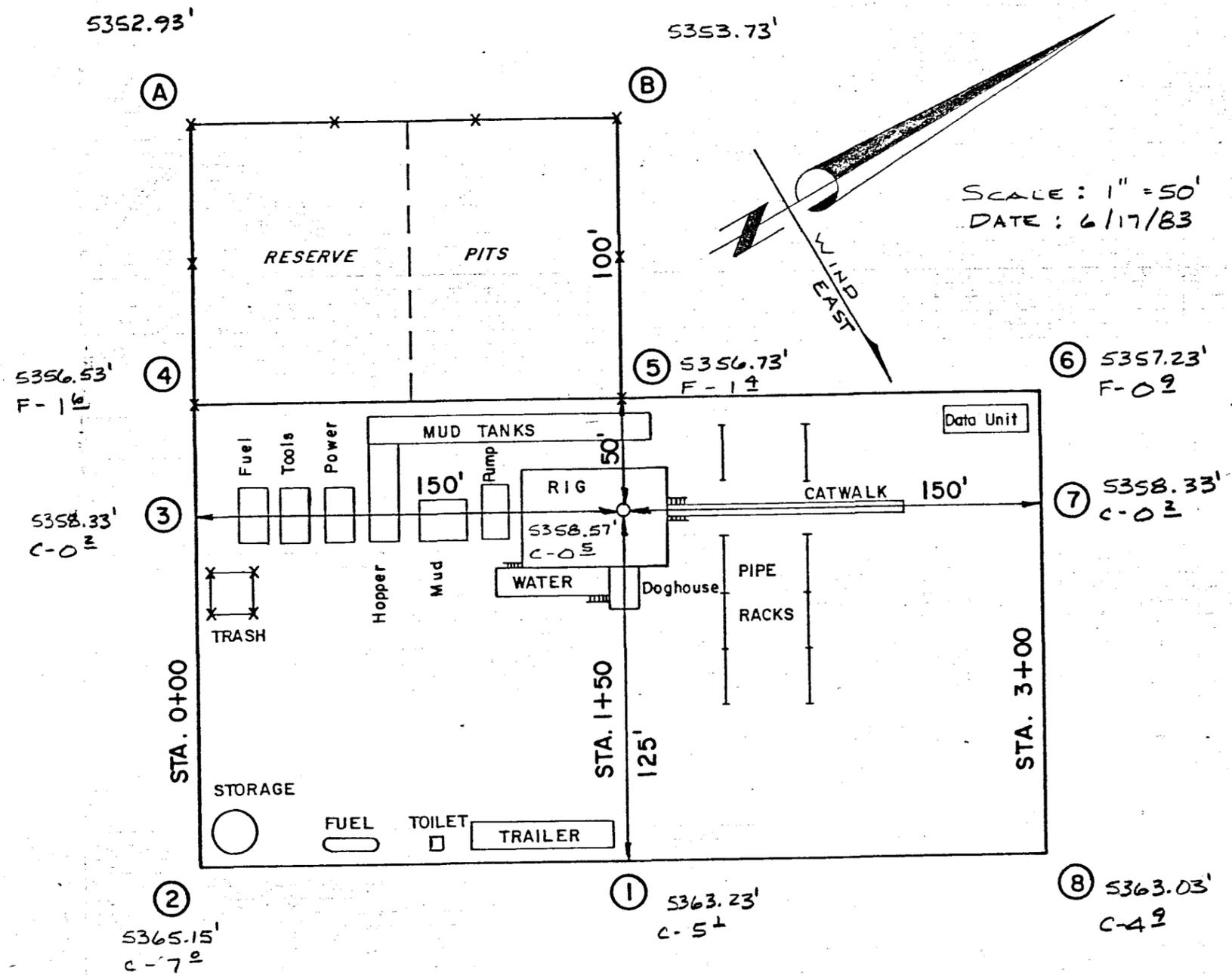
Test BOP's & Hydril to 70% of Internal yield of casing.

All lines to manifold are to be at right angles (90 deg.). No 45 deg. angles are to be used. Blind flanges are to be used for blanking.

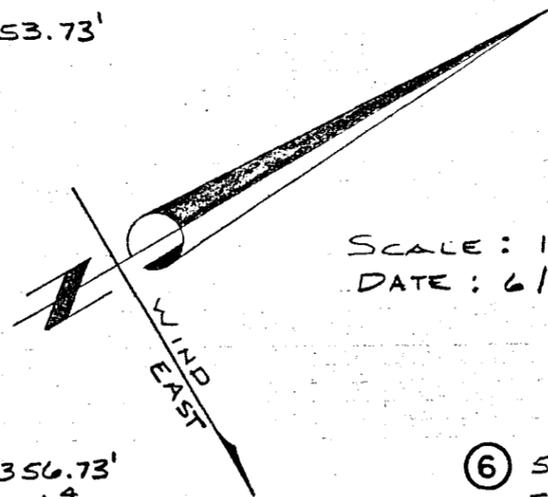
ALL studs and nuts are to be installed on all flanges.

Choke manifold may be screwed connections behind chokes.

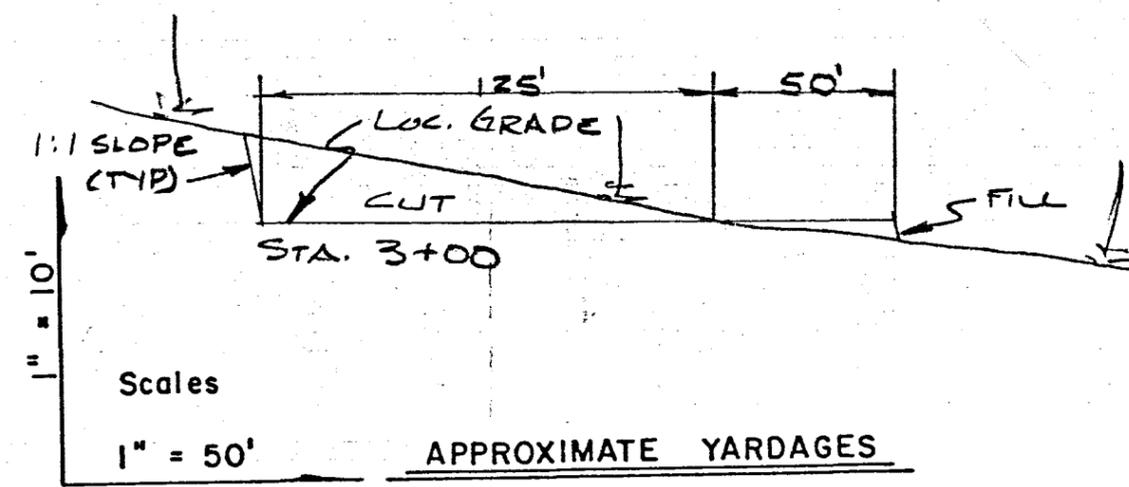
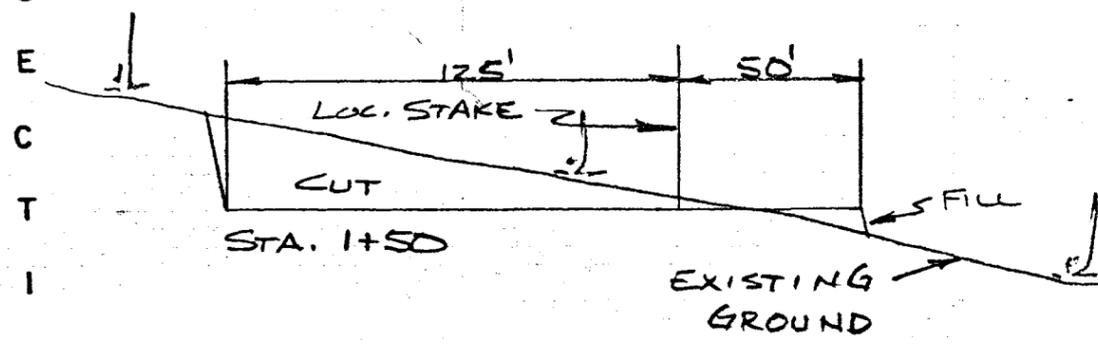
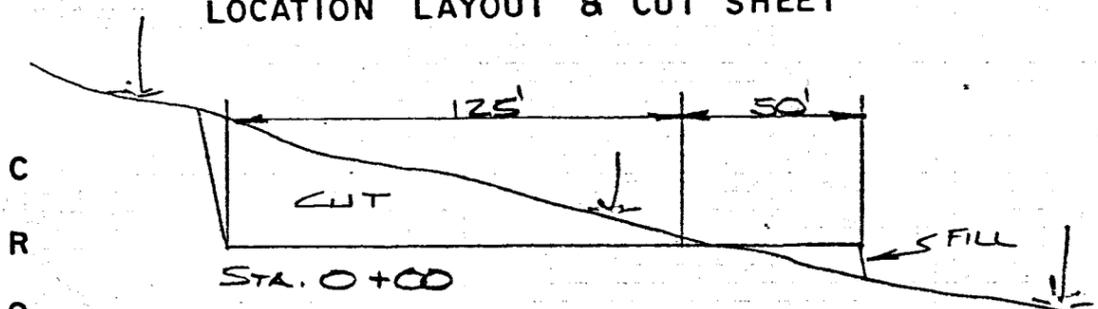
PRIMARY WELL
 FED. # 1-14
 LOCATION LAYOUT & CUT SHEET



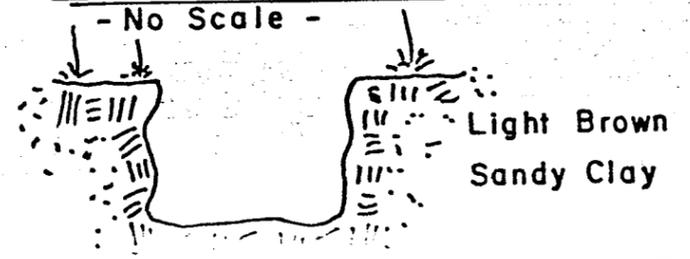
SCALE: 1" = 50'
 DATE: 6/17/83



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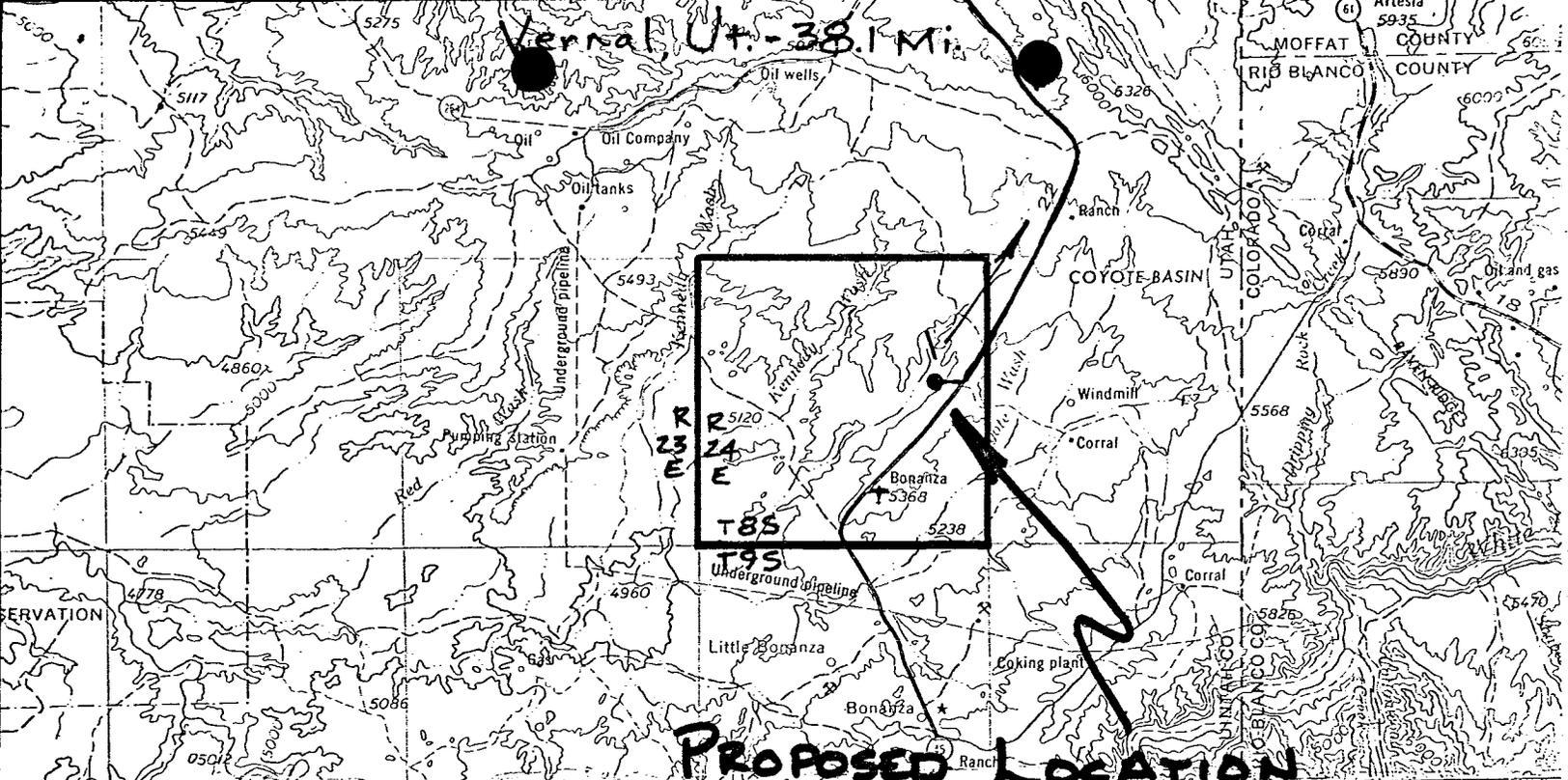


SOILS LITHOLOGY



APPROXIMATE YARDAGES

Cubic Yards Cut - 4300
 Cubic Yards Fill - 300



PROPOSED LOCATION

PRIMARY FUELS

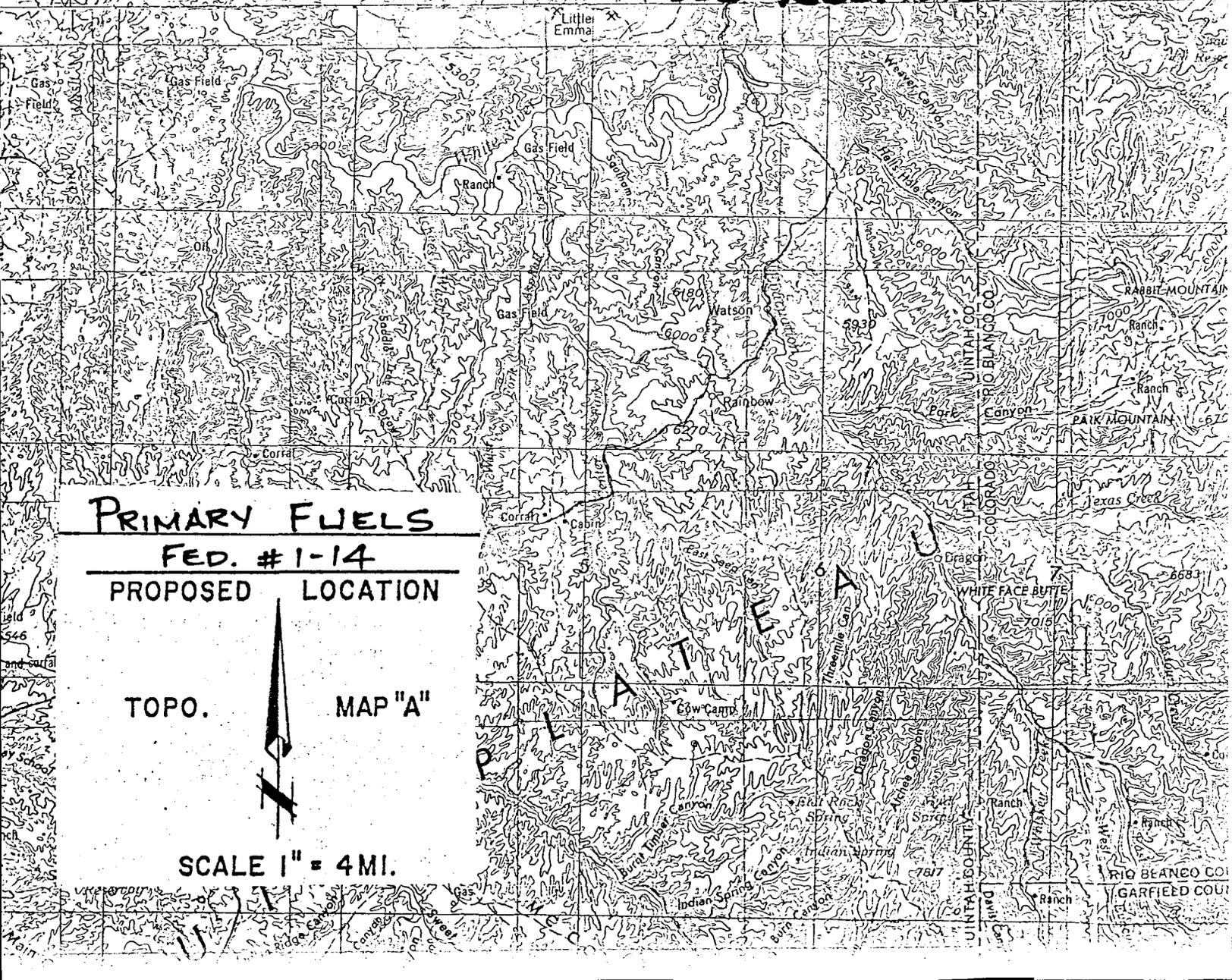
FED. # 1-14

PROPOSED LOCATION

TOPO.

MAP "A"

SCALE 1" = 4 MI.



PRIMARY FUELS

FED. # 1-14

PROPOSED LOCATION

TOPO.

MAP "B"

SCALE 1" = 2000'

ROAD CLASSIFICATION

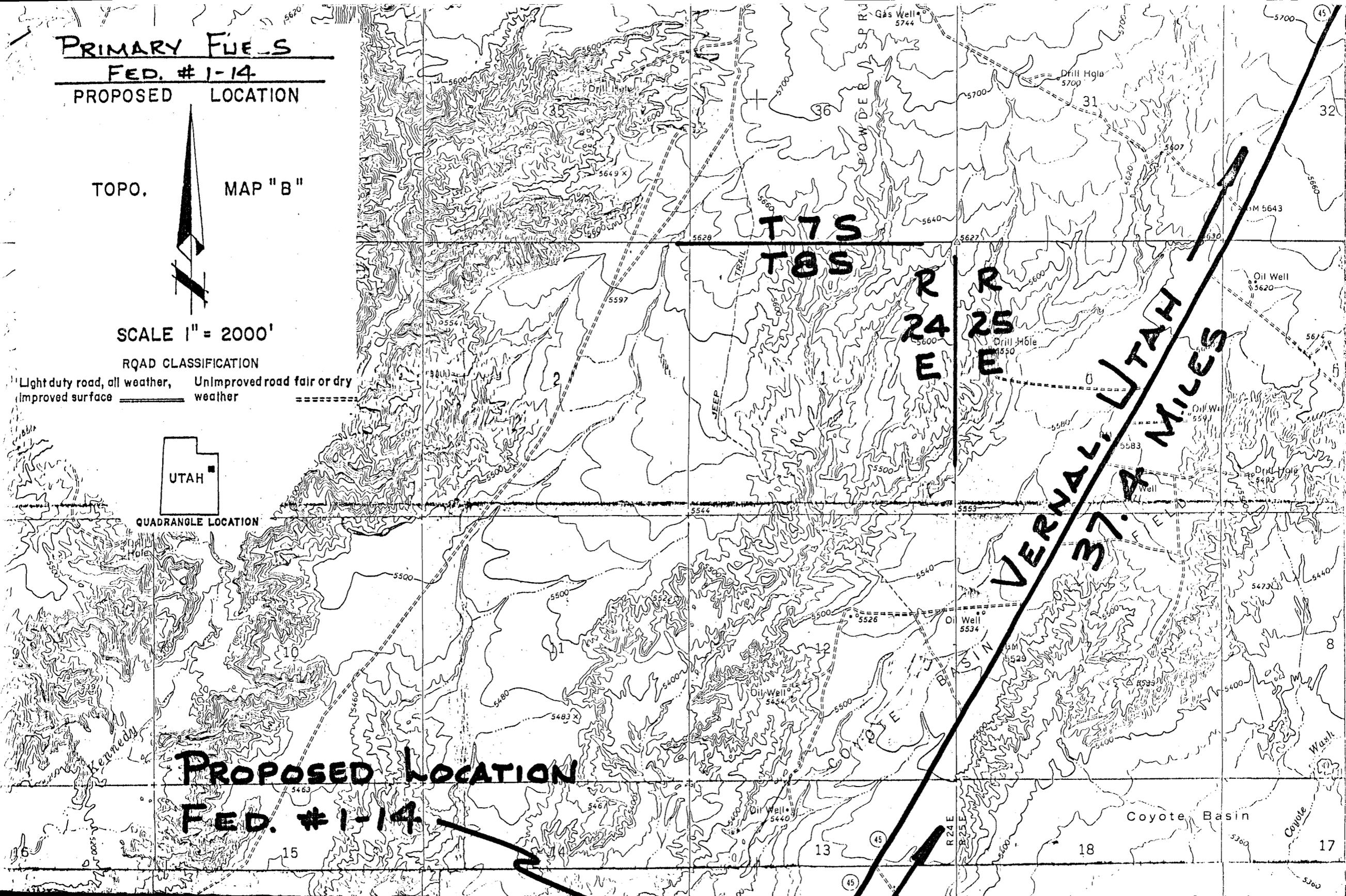
Light duty road, all weather, improved surface  Unimproved road fair or dry weather 

UTAH

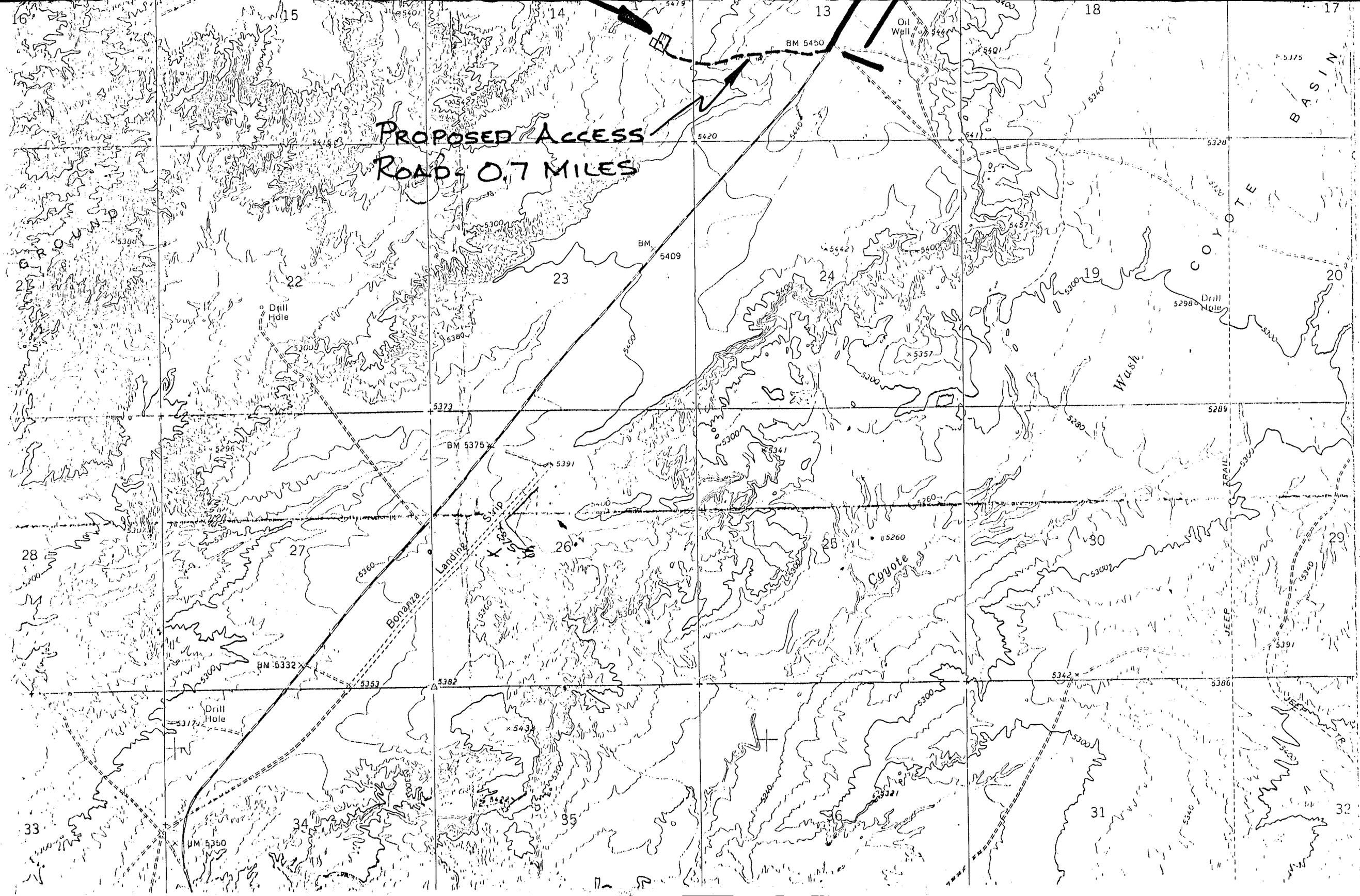
QUADRANGLE LOCATION

PROPOSED LOCATION

FED. # 1-14



PROPOSED ACCESS
ROAD - 0.7 MILES



Coyote
BASIN

Coyote

Wash

Coyote

TRAIL
JEEP

Drill
Hole

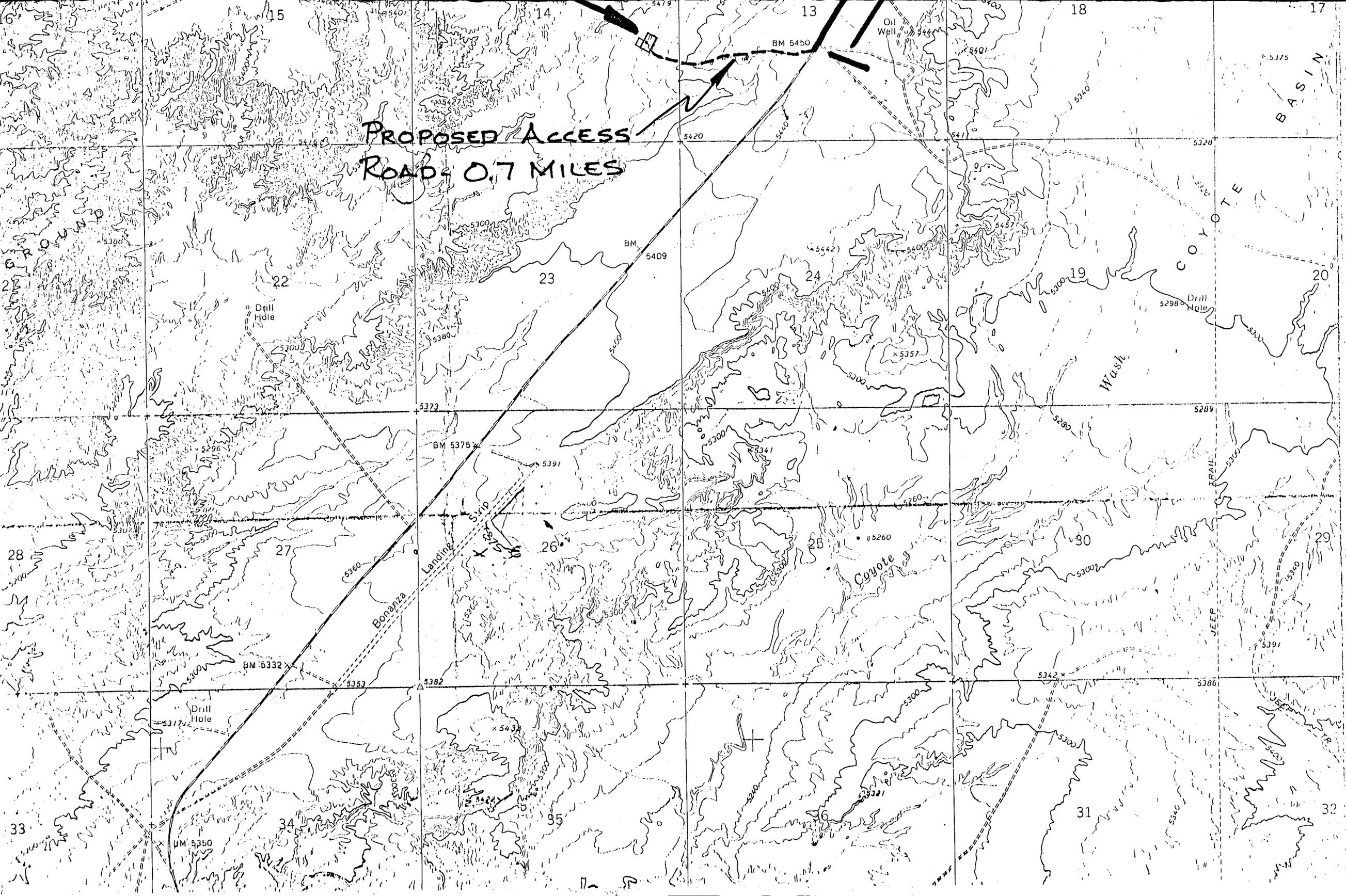
Drill
Hole

Drill
Hole

Landing
SWIP

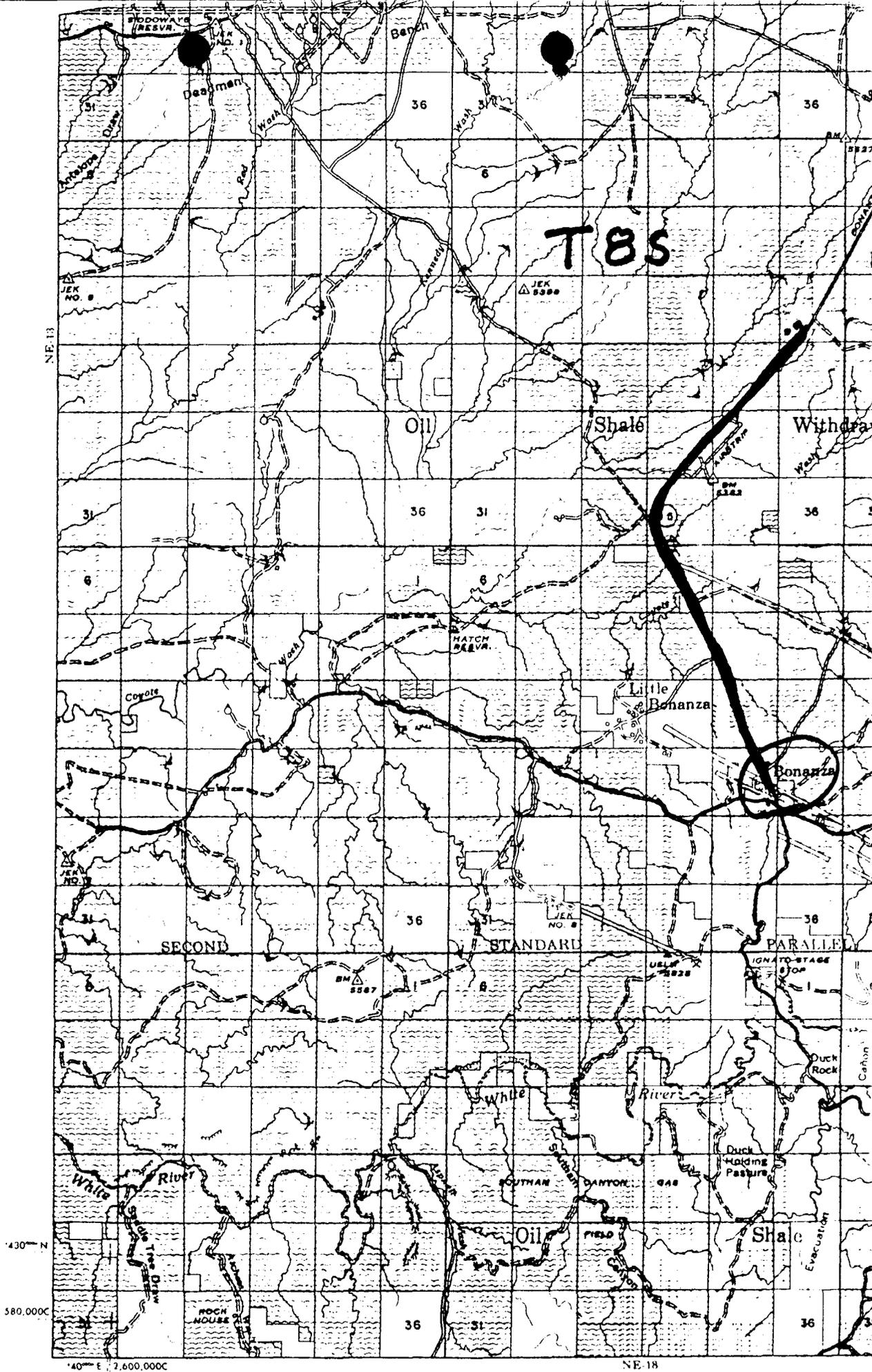
Bonanza

Oil
Well



... to give a
rn. The official land
rate office of the
andgement should
rate and up-to-date
ific tract of land.
ste your submitting
errors, corrections
the map to the
of Land Manage-
which the maps

R
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SCALE 1:126,720
1/2 INCH = 1 MILE SERIES

EXHIBIT "C"

OPERATOR Primary Fuel, Inc. DATE 7-5-83
WELL NAME PFI #1-14
SEC NE SE 14 T 85 R 24E COUNTY Went

43-047-31351
API NUMBER

Ad.
TYPE OF LEASE

POSTING CHECK OFF:

<input type="checkbox"/> INDEX	<input type="checkbox"/> MAP	<input type="checkbox"/> HL
<input type="checkbox"/> NID	<input type="checkbox"/>	<input type="checkbox"/> PI

PROCESSING COMMENTS:

✓ No wells within 1000'

✓ CHIEF PETROLEUM ENGINEER REVIEW:

7/5/83

need water verification

APPROVAL LETTER:

SPACING: A-3 _____ UNIT c-3-a _____ CAUSE NO. & DATE
 c-3-b c-3-c

SPECIAL LANGUAGE:

(Water) ✓

RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON FLAT MAP.

AUTHENTICATE LEASE AND OPERATOR INFORMATION

VERIFY ADEQUATE AND PROPER BONDING

AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

APPLY SPACING CONSIDERATION

ORDER _____

UNIT _____

c-3-b

c-3-c

CHECK DISTANCE TO NEAREST WELL.

CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.

IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

July 5, 1983

Primary Fuels, Inc.
c/o D. C. Little
P. O. Box 2212
Rock Springs, Wyoming 82902

RE: Well No. PFI #1-14
NESE Sec. 14, T.8S, R.24E
1978 FSL, 661 FEL
Uintah County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3(b), General Rules and Regulations and Rules of Practice and Procedure. A copy of the Utah Division of Water Rights (801-533-6071) approval for use or purchase of drilling water must be submitted to this office prior to spudding, otherwise this approval is void.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

RONALD J. FIRTH - Chief Petroleum Engineer
Office: 533-5771
Home: 571-6068

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-047-31351.

Sincerely,


R. J. Firth
Chief Petroleum Engineer

RJF/as
cc: Oil & Gas Operations
Enclosure

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
Primary Fuels, Inc./o D.C. Little

3. ADDRESS OF OPERATOR
PO Box 2212, Rock Springs, Wyo. 82902

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) NESE 661' FEL & 1978' FSL
AT SURFACE: same
AT TOP PROD. INTERVAL: same
AT TOTAL DEPTH: same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other) <u>Proposed fluids</u>			

5. LEASE
U-636862

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NA

7. UNIT AGREEMENT NAME
NA

8. FARM OR LEASE NAME
Federal

9. WELL NO.
PFI #1-14

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 14, T8S, R24E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

14. API NO.
43-047-31351

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5359' GR

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. 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.)*

In regards with phone conversation with Mr. Bill Martens please note the following change:

From 0' to 3000' Fresh Water to be used.

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

DATE: 7/19/83
BY: [Signature]

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED [Signature] TITLE Rep. DATE July 13, 1983

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF SPUD

Company: Primary Fuels, Inc

Caller: Dave Little

Phone: RS —

Well Number: # 1-14

Location: NE SE 14-8S-24E

County: Uintah State: Utah

Lease Number: U-36862

Lease Expiration Date: _____

Unit Name (If Applicable): NE

Date & Time Spudded: July 16, 1983 10 PM

Dry Hole Spudder/Rotary: Rotary

Details of Spud (Hole, Casing, Cement, etc.) _____

Rotary Rig Name & Number: Brinkerhoff-Signal #85

Approximate Date Rotary Moves In: _____

FOLLOW WITH SUNDRY NOTICE

Call Received By: WPM

Date: 7-18-83 8 AM

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: Primary Fuels

WELL NAME: PFI 1-14

SECTION NESE 14 TOWNSHIP 8S RANGE 24E COUNTY Uintah

DRILLING CONTRACTOR Brinkerhoff Signal

RIG # 85

SPUDDED: DATE 7-16-83

TIME 10:00 PM

How Rotary

DRILLING WILL COMMENCE _____

REPORTED BY Dave Little

TELEPHONE # 307-382-4274

DATE 7-18-83 SIGNED AS

DAVE LITTLE

LOCATION CONSTRUCTION AND RECLAMATION
Specializing in NTL 1 through 100

July 13, 1983

State of Utah
Oil, Gas & Mining
4241 State Office Building
Salt Lake City, Utah 84114

RE: ✓ Well No. PFI #1-14
NESE Sec. 14, T8S, R24E
API 43-047-31351

Dear Ron:

In regards to our phone conversation on this date, we intend to haul our water for the above well from the Gilsonite plant at Bonanza, Utah, under there existing water rights.

Sincerely

D.C. Little
D.C. Little, Rep.

RECEIVED
JUL 18 1983

DIVISION OF
OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
Primary Fuels, Inc., c/o D.C. Little

3. ADDRESS OF OPERATOR
PO Box 2212, Rock Springs, Wyo. 82902

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: NESE, 661' FEL & 1978' FSL
AT TOP PROD. INTERVAL: same
AT TOTAL DEPTH: same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other)	<u>Report Spudding</u>		

5. LEASE
U-36862

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NA

7. UNIT AGREEMENT NAME
NA

8. FARM OR LEASE NAME
Federal

9. WELL NO.
PFI #1-14

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 14, T8S, R24E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

14. API NO.
43-047-31351

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5359' GR

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. 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.)*

The above referenced well was spudded on July 16, 1983
@ 10PM, Brinkerhoff-Signal Rig #85

RECEIVED
JUL 20 1983
DIVISION OF
OIL, GAS & MINING

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct
SIGNED David C. Little TITLE Rep. DATE July 17, 1983

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.6

9

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other _____

2. NAME OF OPERATOR
Primary Fuels, Inc. c/o D.C. Little

3. ADDRESS OF OPERATOR
PO Box 2212, Rock Springs, Wyoming 82902

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface NESE, 661' FEL & 1978' FSL
At top prod. interval reported below same
At total depth same

14. PERMIT NO. DATE ISSUED
43-047-31351

5. LEASE DESIGNATION AND SERIAL NO.
U-36862

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NA

7. UNIT AGREEMENT NAME
NA

8. FARM OR LEASE NAME
Federal

9. WELL NO.
PFI #1-14

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 14, T8S, R24E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

15. DATE SPUDDED 7/16/83 16. DATE T.D. REACHED 7/24/83 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 5,359' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 4,371' 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS
yes

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS DIRECTIONAL SURVEY MADE
no

26. TYPE ELECTRIC AND OTHER LOGS RUN *Laterlog Micro* Dual Induction SFL, Sonac, Bore Hole, Compensated Neutron *Sample* 27. WAS WELL CORRED
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# - J55	500'	12-1/4"	Circ. cement to surface	none

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
none					none		

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
none		P & A					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	

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 *David C. Little* TITLE Rep. DATE July 25, 1983

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
Primary Fuels, Inc., c/o D.C. Little

3. ADDRESS OF OPERATOR
PO Box 2212, Rock Springs, Wyo. 82902

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: NESE, 661' FEL & 1978' FSL
AT TOP PROD. INTERVAL: same
AT TOTAL DEPTH: same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:
TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
PULL OR ALTER CASING
MULTIPLE COMPLETE
CHANGE ZONES
ABANDON*
(other)

SUBSEQUENT REPORT

RECEIVED
JUL 20 1983
DIVISION OF
OIL, GAS & MINING

5. LEASE U-36862
6. IF INDIAN, ALLOTTEE OR TRIBE NAME NA
7. UNIT AGREEMENT NAME NA
8. FARM OR LEASE NAME Federal
9. WELL NO. PFI #1-14
10. FIELD OR WILDCAT NAME Wildcat
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 14, T8S, R24E
12. COUNTY OR PARISH Uintah 13. STATE Utah
14. API NO. 43-047-31351
15. ELEVATIONS (SHOW DF, KDB, AND WD) 5359' GR

17. 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.)*

Received permission form MMS, Mr. Bob Henricks on 7/25/83 to P&A well. Well TD'd @ 4,371'

Plugged well as follows:

4,300' - 4,100' 50sx
3,200' - 2,800' 102sx
1,300' - 1,100' 50sx
600' - 450' 40sx
At surface 25sx
Dry Hole Marker 10sx

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED David C. Little TITLE _____ Rep. DATE July 25, 1983

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:



Primary Fuels, Inc.
A Subsidiary of Houston Industries Incorporated

LETTER OF TRANSMITTAL

To: Claudia Jones
State of Utah
Oil, Gas, Mining
4241 State Office Building
Salt Lake City, Utah

Date: 17 November 1983
Well: Federal #1-14
County, State: Uintah Co., Utah
Operator: Primary Fuels, Inc.

Sec. 14 T 85R24E

We transmit to you via Mail the following:

CONTENTS:

1 Mud Log 5"	
1 Computer Processed Log 5"	Field Print
1 Dual Laterolog Micro-SFL 5"	Final Print
1 Compensated Neutron - Formation Density 5"	Final Print

Please sign and return the enclosed duplicate of this letter for our files.

PRIMARY FUELS, INC.

Katherine R. Bigelow
Katherine R. Bigelow

DATE RECEIVED: Nov 23, 1983
BY: Claudia Jones

CC: Phil H. Halstead
Lindy Guajardo

/kb



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dr. G. A. (Jim) Shirazi, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

November 5, 1983

Primary Fuels, Inc.
P.O. Box 2212
Rock Springs, Wyoming 82902
Attn: D.C. Little

RE: Well No. PFI Federal # 1-13
API # 43-047-31342
Sec .13, T. 8S, R. 24E.
Uintah County, Utah

Well No. PFI Federal #1-14
API # 43-047-31351
Sec. 14, T. 8S, R. 24E.
Uintah County, Utah

Dear Mr. Little:

According to our records, "Well Completion Reports" filed with this office June 29, 1983 and July 25, 1983 from the above referred to wells, indicate the following electric logs were run: #1-13 DIL, FDC-CNL; #1-14 Dual Induction SS1, Sonac, Bore Hole, Compensated Neutron. As of todays date, this office has not received these logs: #1-13 DIL, FDC-CNL; #1-14 Dual Induction SS1, Sonac, Bore Hole, Compensated Neutron.

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgment should avoid unnecessary mailing of a second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

DIVISION OF OIL, GAS AND MINING

Claudia Jones
Well Records Specialist

CJ/cj



Primary Fuels, Inc.
A Subsidiary of Houston Industries Incorporated

28 November 1983

Ms. Claudia Jones
State of Utah
Oil, Gas, Mining
4241 State Office Building
Salt Lake City, Utah 84114

Re: Federal #1-14
API #43-047-31351
Sec. 14 T8S-R24E
Uintah Co., Utah

Dear Ms. Jones:

In reply to your letter of 23 November 1983 regarding the above well, PFI ran a Dual Laterolog Micro-SFL in place of a Dual Induction-SFL Log.

If there are further questions regarding the subject well please contact Kathy Bigelow at 713/465-7208.

Thank you,

Katherine R. Bigelow
Secretary to VP-Engineering

/kb

RECEIVED
DEC 1 1983

**DIVISION OF
OIL, GAS & MINING**