



April 17, 1980

RECEIVED
APR 21 1980

DIVISION OF
OIL, GAS & MINING

State of Utah
Division of Lands
Room 411, Empire Building
231 E. 400 South
Salt Lake City, Utah 84111

Attn: Kurt Higgins

Re: Permission to Stake Drilling
Location, Section 32, T34S, R2W,
Garfield County, Utah

Dear Sir:

The purpose of this letter is to request permission to survey a location for a drilling well to be located in the above subject section. Barring any surface restrictions, plans are to locate the well in the NWNW of Section 32, T34S, R2W, Garfield County, Utah. A plat showing the proposed location is also attached.

Your prompt attention to this matter would be greatly appreciated. Mr. Ed Bonner of your office is familiar with this location; however, if any questions should arise, please do not hesitate to contact me at (307)362-5641 between 7:00 AM and 5:00 PM.

Yours truly,

CHAMPLIN PETROLEUM COMPANY

W. M. Blackman
Dist. Drlg. & Prod. Supt.

WMB:dd

Attachment

cc: Joe Larkin w/att.
Paul Baclawski w/att.
Well File w/att.

Champlin Petroleum Company
P.O. Drawer 700
Rock Springs, Wyoming 82901
307 / 362-5641

champlin 

April 18, 1980

RECEIVED
APR 21 1980

DIVISION OF
OIL, GAS & MINING

*2nd records
State*

11B-32 Clay Creek Rd

Utah Division of Oil, Gas & Mining
1588 West North Temple
Salt Lake City, Utah 84116

Attn: Cleon B. Feight, Director

Re: Staking Drilling Location
Sec. 32, T34S, R2W
Garfield County, Utah

Dear Sir:

Per our telephone conversation attached is a copy of the letter which I sent to the State of Utah, Division of Lands. This location will be staked no later than April 24, 1980.

If you have any further questions, please do not hesitate to call me at (307)362-5641.

Yours truly,

CHAMPLIN PETROLEUM COMPANY

W. M. Blackman

W. M. Blackman
Dist. Drlg. & Prod. Supt.

WMB:dd

Attachments

13,000

*met 300' of road
Back to Road
see the photo
met photo*

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS

5. Lease Designation and Serial No.
USA U-23753

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

8. Farm or Lease Name
Clay Creek Federal

9. Well No.
114-32

10. Field and Pool, or Wildcat
Wildcat

11. Sec., T., R., M., or Blk. and Survey or Area
Sec. 32, T34S, R2W

12. County or Parrish 13. State
Garfield, Utah

17. No. of acres assigned to this well

20. Rotary or cable tools
Rotary

22. Approx. date work will start*

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
Champlin Petroleum Company

3. Address of Operator
P.O. Box 700 Rock Springs, Wyoming 82901

4. Location of Well (Report location clearly and in accordance with any State requirements.)*
 At surface **991' FWL & 330' FNL (NE NW NW)**
 At proposed prod. zone
To be drilled as a straight hole

14. Distance in miles and direction from nearest town or post office*
Approximately 30 miles east of Panguitch, Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any) **330'**

16. No. of acres in lease **1360**

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

19. Proposed depth **13,000'**

21. Elevations (Show whether DF, RT, GR, etc.)
7457' GR.

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
17 1/2"	10-3/4"	45.5#	3000'	4000 sx <i>circ to surf.</i>
8-3/4"	5-1/2"	17 & 20#	13000'	700 sx

1. Drill 12 1/4" hole to 3000' and open to 17 1/2". Run 10-3/4" casing and 2-1/16" parasite string to TD and cement to surface.
2. WOC 12 hrs. Install casing head and test to 2000 psi. Install BOP's and choke manifold and test pipe and blind rams and manifold to 2000 psi. Test Hydril to 1500 psi. 10-3/4" casing will be tested to 2000 psi before drilling out.
3. Drill 8-3/4" hole to total depth of 13,000'.
4. In the event of commercial production, 5 1/2" casing will be set to TD and cemented 500' above the upper most productive zone.

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING
 DATE: _____
 BY: _____

RECEIVED
 MAY 1 1980

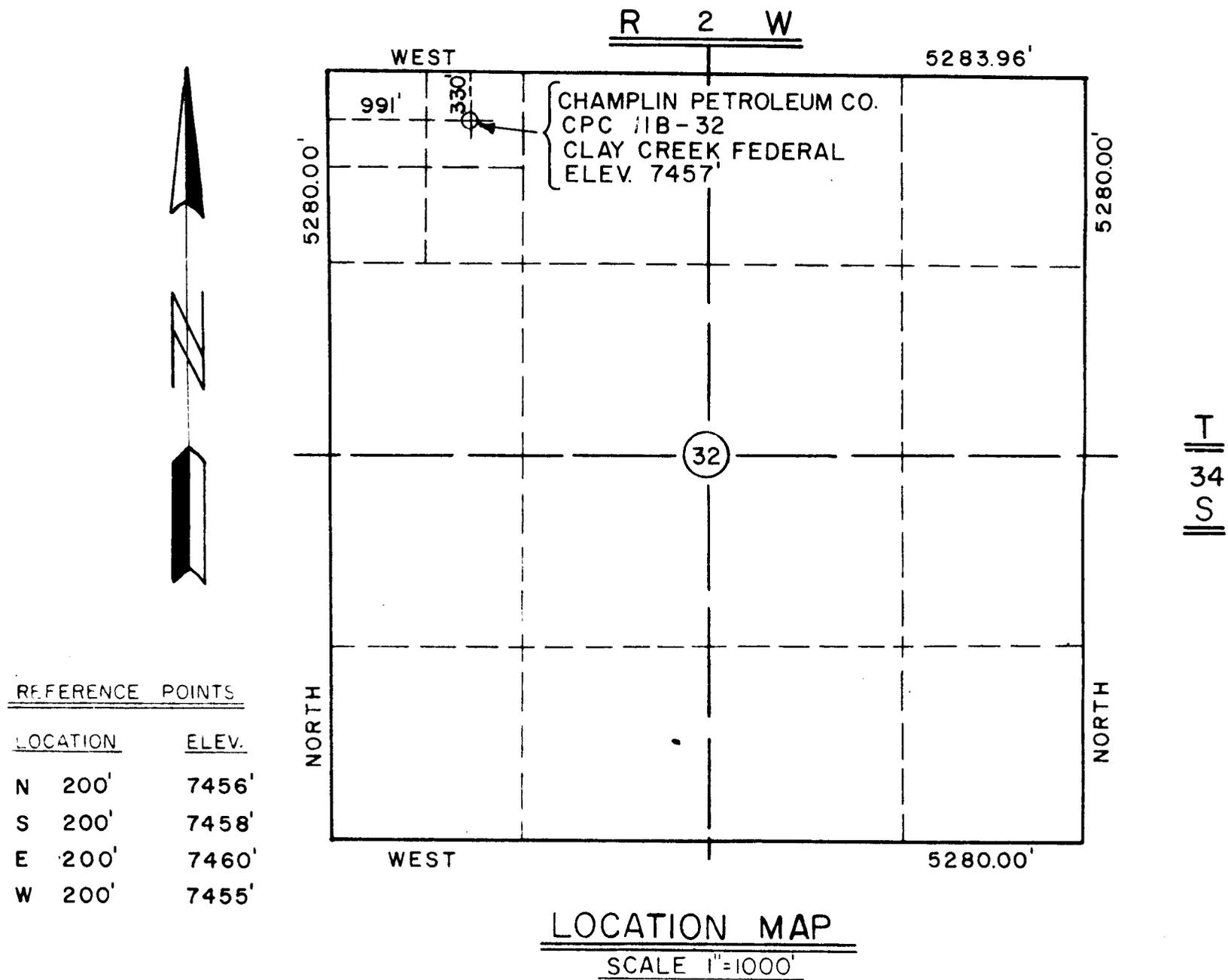
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface conditions and measured and true vertical depths. Give blowout preventer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

24. Signed W. M. Blackman Title Dist. Drlg. & Prod. Supt. Date 4/29/80
 W. M. Blackman

Permit No. _____ Approval Date _____

Approved by _____ Title _____ Date _____

Conditions of approval, if any:



CERTIFICATE OF SURVEYOR

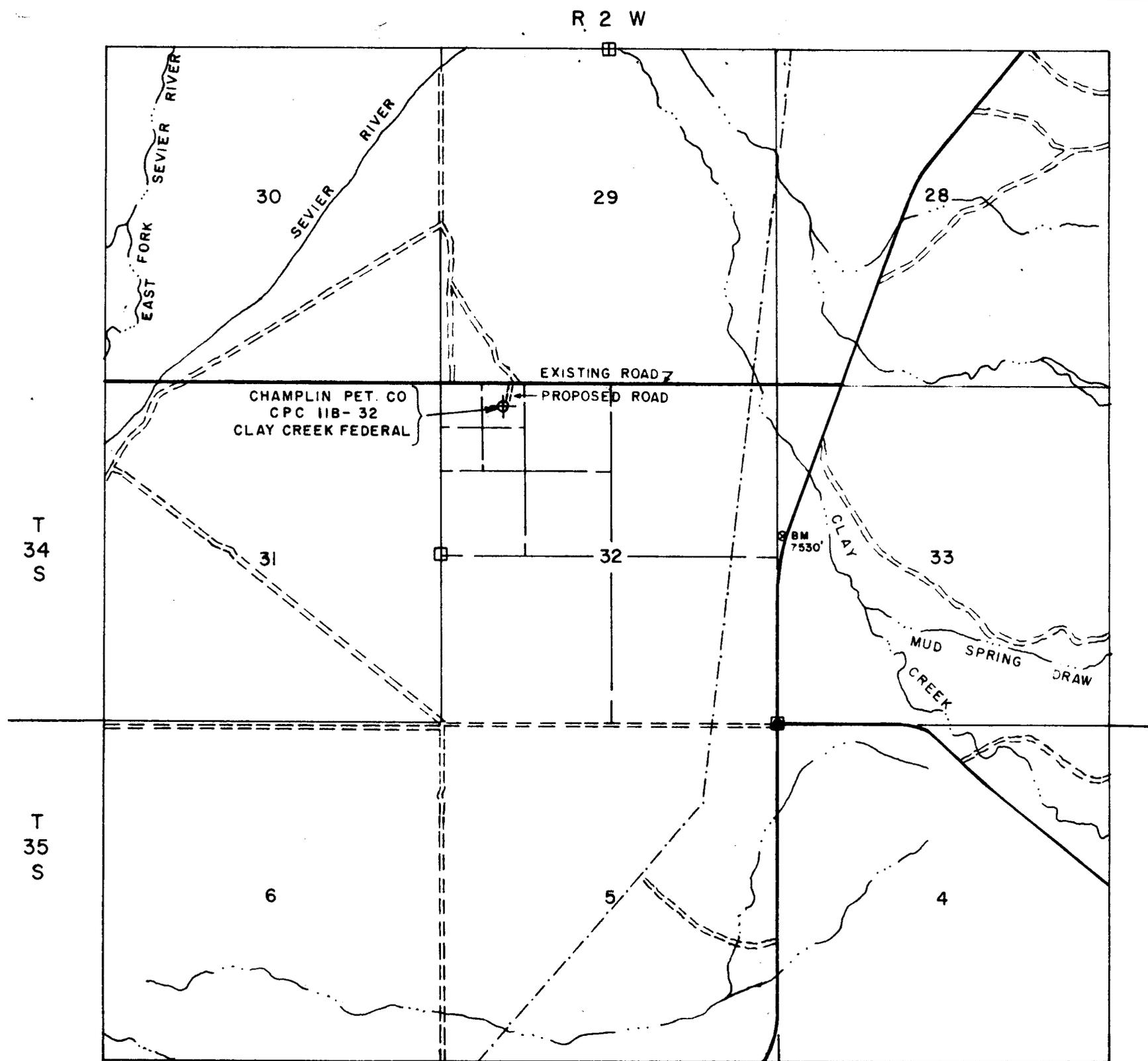
STATE OF WYOMING }
COUNTY OF SWEETWATER } S.S.

I, JOSEPH W. MANATOS, OF ROCK SPRINGS, WYOMING
DO HEREBY CERTIFY THAT THIS MAP CORRECTLY
SHOWS THE WELL LOCATION MADE FOR CHAMPLIN
PETROLEUM COMPANY ON APRIL 19, 1980.

Joseph W. Manatos
UTAH R.L.S. NO. 4806

MAP
SHOWING WELL LOCATION
FOR
CHAMPLIN PETROLEUM CO.

CPC 31B-32
CLAY CREEK FEDERAL
NE1/4, NW1/4, NW1/4 SECTION 32
T 34S, R 2W
GARFIELD COUNTY, UTAH
JOHNSON-FERMELIA & CRANK, INC.
ROCK SPRINGS, WYO.



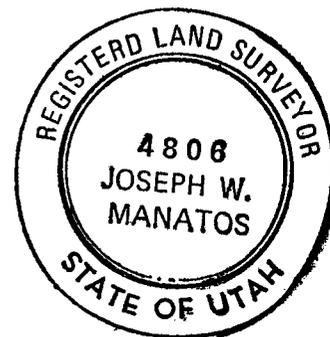
NOTES:

⊕ - STONE CORNERS LOCATED, ⊕ - PIPE CORNER
 B.M. - USGS X-47(1944) ELEV. 7530'
 U.S.G.S. QUAD - FLAKE MOUNTAIN EAST, UTAH

VICINITY MAP

SCALE 1"=2000'

9.5 ± MILES TO
UTAH HWY. 12



** FILE NOTATIONS **

DATE: May 1, 1980

Operator: Champion Petroleum Company

Well No: Clay Creek Federal #11-32

Location: Sec. 32 T. 34S R. 2W County: Garfield

File Prepared:

Entered on N.I.D.:

Card Indexed:

Completion Sheet:

API Number 43-017-30084

CHECKED BY:

Geological Engineer: _____

Petroleum Engineer: W. J. Menden 5-15-80 W. Blyckman
per call 5-2-80

Location will be changed to conform with rule C-3 and re-surveyed.

Director: _____

C-3: too close to ~~the~~ the marked location C-3 & survey plots being forwarded 5/9/80

APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. _____

O.K. Rule C-3

Rule C-3(c), Topographic Exception/company owns or controls acreage within a 660' radius of proposed site

Lease Designation Lease

Plotted on Map

Approval Letter Written

WJM

#1

*bc
PI*

champlin

May 5, 1980

Utah Division of Oil, Gas & Mining
1588 West, North Temple
Salt Lake City, Utah 84116

Attn: Cleon B. Feight

U. S. Geological Survey
8440 Federal Bldg.
125 South State
Salt Lake City, Utah 84138

Attn: Edgar W. Guynn

Gentlemen:

Please find attached Champlin Petroleum Company's Application to Drill, Deepen, or Plug Back for the proposed Clay Creek Federal 11-32 well located in Garfield County, Utah. A location plat will be submitted as soon as available. If possible, we would appreciate approval of this location pending submittal of the plat as we hope to start building the location in approximately two weeks.

If you have any questions, please do not hesitate to call me at (307)362-5641.

Yours truly,

CHAMPLIN PETROLEUM COMPANY



W. M. Blackman
Dist. Drlg. & Prod. Supt.

WMB:dd

Attachment

cc: Well File w/att.

RECEIVED

MAY 8 1980

DIVISION OF
OIL, GAS & MINING

Champlin Petroleum Company
P.O. Drawer 700
Rock Springs, Wyoming 82901
307 / 362-5641

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS

5. Lease Designation and Serial No.

USA - U-23753

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

8. Farm or Lease Name

Clay Creek Federal

9. Well No.

11-32

10. Field and Pool, or Wildcat

Wildcat

11. Sec., T., R., M., or Blk. and Survey or Area

Sec. 32, T34S, R2W

12. County or Parrish 13. State

Garfield Utah

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

Champlin Petroleum Company

3. Address of Operator

P.O. Box 700 Rock Springs, Wyoming 82901

4. Location of Well (Report location clearly and in accordance with any State requirements.*)
At surface NWNW 660.5 FWL 660 FNL

At proposed prod. zone

To be drilled as a straight hole

14. Distance in miles and direction from nearest town or post office*

Approximately 30 miles east of Panguitch, Utah

15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)

660

16. No. of acres in lease

1360

17. No. of acres assigned to this well

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

19. Proposed depth

13,000

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

7457' GR

22. Approx. date work will start*

June 1, 1980

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
17 1/2"	10-3/4"	45.5#	3000'	4000 sx. circ. to surf.
8-3/4"	5-1/2"	17 & 20#	13000'	700 sx.

1. Drill 12 1/4" hole to 3000' and open to 17 1/2". Run 10-3/4" casing and 2-1/16" parasite string to TD and cement to surface.
2. WOC 12 hrs. Install casing head & test to 2000 psi. Install BOP's and choke manifold and test pipe and blind rams and manifold to 2000 psi. Test Hydril to 1500 psi. 10-3/4" casing will be tested to 2000 psi before drilling out.
3. Drill 8-3/4" hole to total depth of 13,000'.
4. In the event of commercial production, 5 1/2" casing will be set to TD and cemented 500' above the upper most productive zone.

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING

DATE: 5-15-80

BY: W.M. Blackman

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 W.M. Blackman Title Dist. Drlg. & Prod. Supt. Date 5/5/80

(This space for Federal or State office use)

Permit No. 43-017-30084 Approval Date 5/15/80

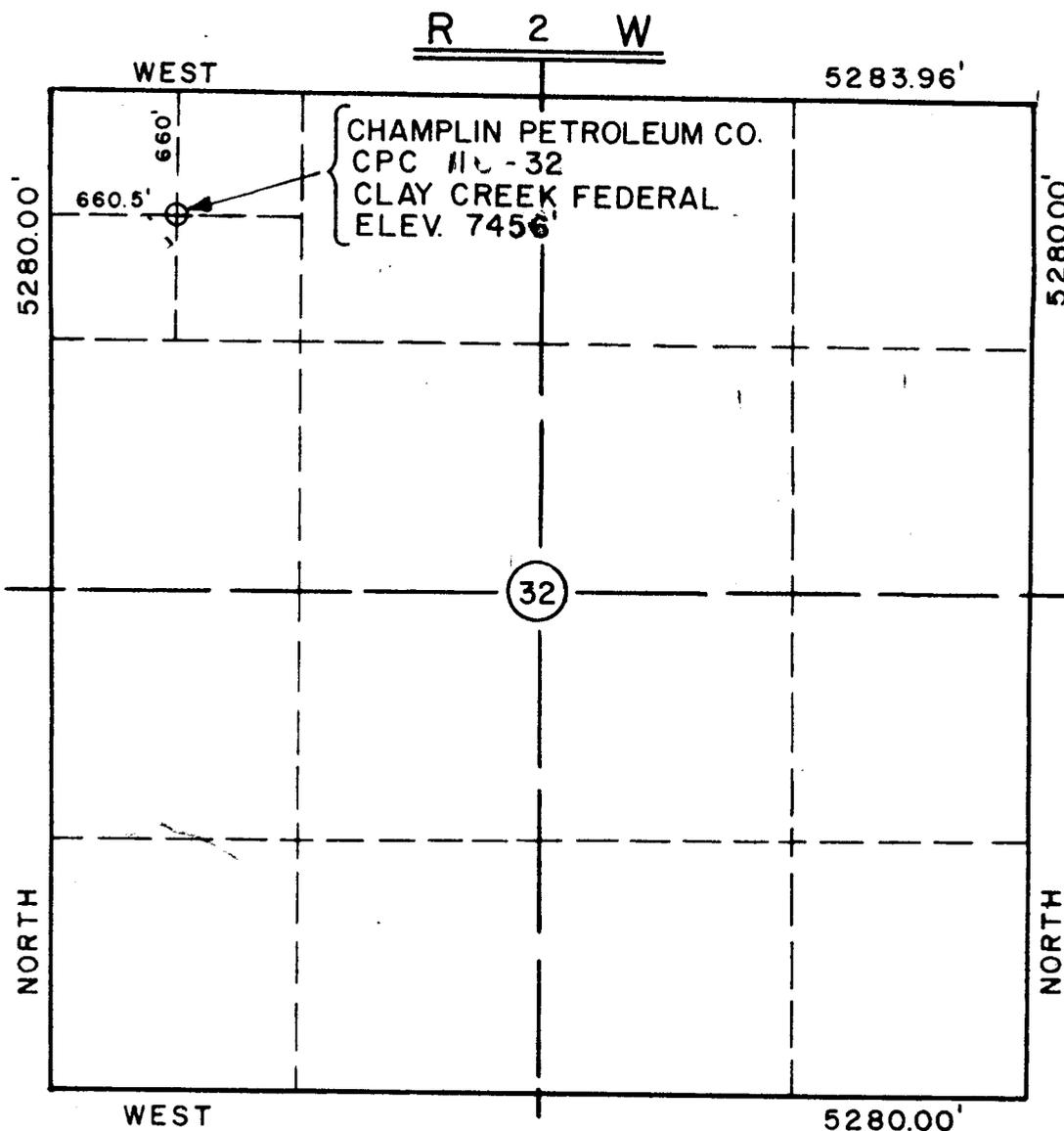
Approved by _____ Title _____ MAY 8 1980

Conditions of approval, if any:

RECEIVED

MAY 8 1980

DIVISION OF OIL, GAS & MINING



RECEIVED
MAY 12 1980

DIVISION OF
OIL, GAS & MINING

T
34
S

REFERENCE POINTS

<u>LOCATION</u>	<u>ELEV.</u>
N 200'	7453'
S 200'	7459'
E 200'	7456'
W 200'	7452'

LOCATION MAP

SCALE 1"=1000'

CERTIFICATE OF SURVEYOR

STATE OF WYOMING }
COUNTY OF SWEETWATER } S.S.

I, JOSEPH W. MANATOS, OF ROCK SPRINGS, WYOMING
DO HEREBY CERTIFY THAT THIS MAP CORRECTLY
SHOWS THE WELL LOCATION MADE FOR CHAMPLIN
PETROLEUM COMPANY ON APRIL 19, 1980.

MAP

SHOWING WELL LOCATION

FOR

CHAMPLIN PETROLEUM CO.

CPC 31B-32
CLAY CREEK FEDERAL

NW1/4 NW1/4, SECTION 32
T 34S, R2W

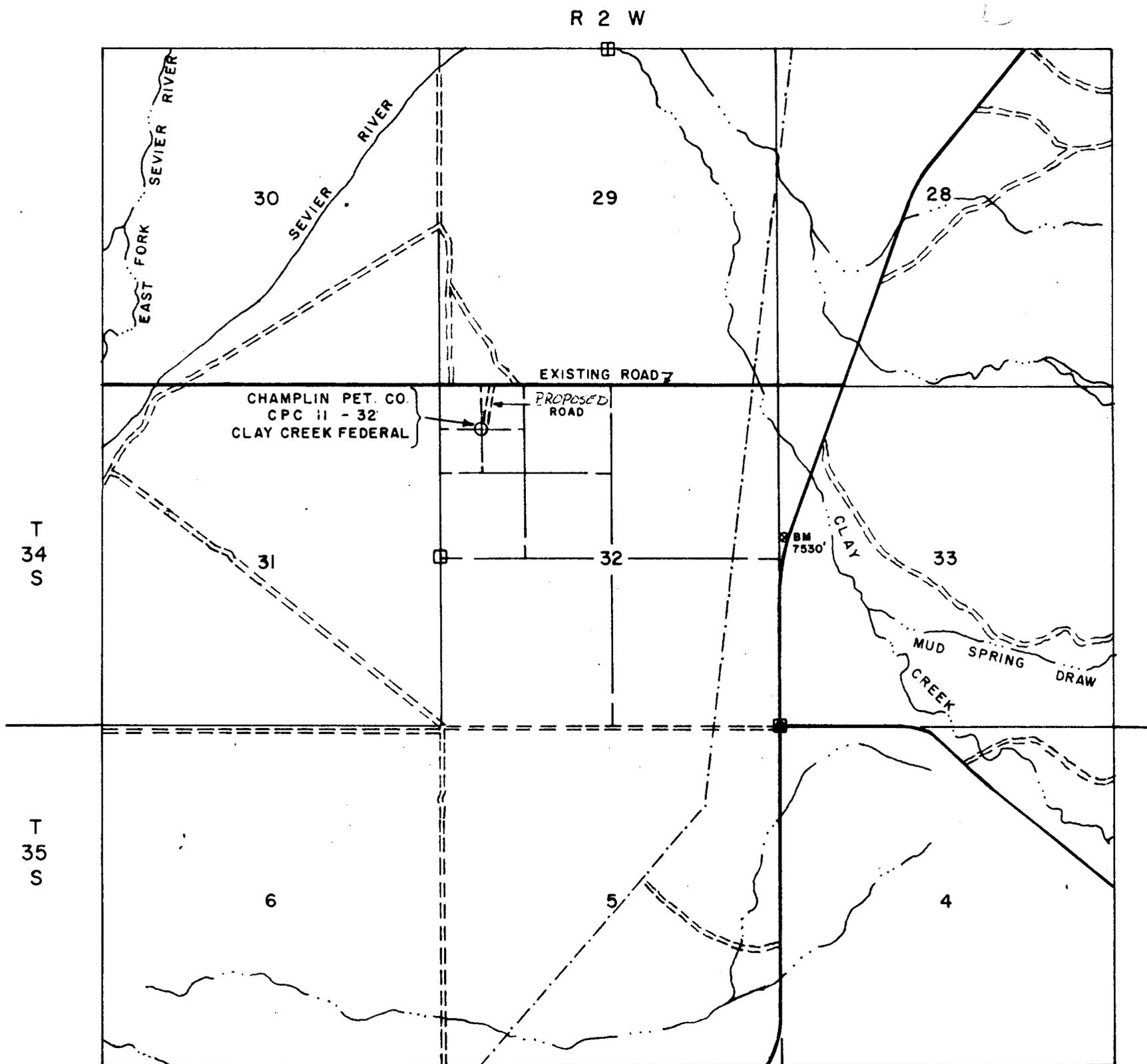
GARFIELD COUNTY, UTAH

JOHNSON-FERMELIA & CRANK, INC.
ROCK SPRINGS, WYO.

Joseph W. Manatos

UTAH R.L.S. NO. 4806

REVISED MAY 5, 1980.

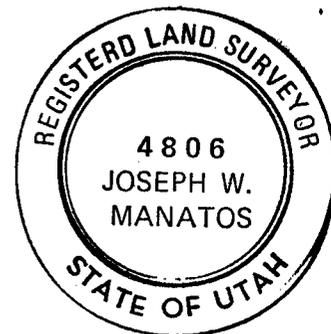


NOTES:

⊕ - STONE CORNERS LOCATED, ⊕ PIPE CORNER
 B.M. - USGS X-47(1944) ELEV. 7530'
 U.S.G.S. QUAD - FLAKE MOUNTAIN EAST, UTAH

VICINITY MAP

SCALE 1" = 2000'



May 23, 1980

Champlin Petroleum Company
P.O. Box 700
Rock Springs, Wyoming 82901

Re: Well No. Clay Creek Federal #11-32
Sec. 32, T. 34S, R. 2W.,
Garfield, County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

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

MICHAEL T. MINDER - Petroleum Engineer
Office: 533-5771
Home: 876-3001

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 43-017-30084.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder
Petroleum Engineer

/b:tm

cc: USGS



United States Department of the Interior

IN REPLY REFER TO

8300

BUREAU OF LAND MANAGEMENT
Escalante Resource Area
P.O. Box 225
Escalante, Utah 84726

July 16, 1980

Mr. Ed Gwynn
United States Geological Survey
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

Dear Mr. Gwynn:

I am enclosing a list of surface management stipulations which we recommend be attached to any approval by your office of Champlin Petroleum Company's application to drill wildcat well Clay Creek Federal, Well No. 11-32, located in Sec. 32. T. 34 S., R. 2 W., southwest of Antimony, Utah. Clearances for archaeology and threatened and endangered species of plants and wildlife are also enclosed.

Sincerely,

Area Manager



SURFACE MANAGEMENT STIPULATIONS

Approval of Champlin Petroleum Company's NTL-6 "13 Point" program drilling of wildcat well (Clay Creek Federal, Well No. 11-32) located in Section 32, T. 34 S., R. 2 W., SLB&M, Garfield County, Utah is subject to the following stipulations:

A. General

1. Champlin shall make every effort to prevent, control or suppress any fire in the area. Uncontrolled fires must be reported immediately to the Escalante Area Office.
2. All survey monuments, witness corners, reference monuments and bearing trees should be protected against destruction, obliteration or damage. Any markers so affected must be reestablished at the lessee's expense in accordance with accepted BLM survey practices.
3. The lessee will avoid operations when the ground is muddy and/or wet.

B. Site Construction

1. The access road to the site will be limited to 16 feet in width and follow the existing jeep trail.
2. Topsoil (the top 6 inches of soil) will be stockpiled to be used in rehabilitation of the site.

C. Rehabilitation

1. All waste drilling materials and cuttings will be stored in the reserve pit, fenced, and left to dry up.
2. All pits, sumps, excavations, and drill holes will be back-filled and contoured to conform to the surrounding terrain.
3. The entire site will be restored as nearly as possible to its original condition. Cut and fill slopes should be reduced and graded to conform the site to the adjacent terrain.
4. All disturbed areas, which includes the access road, will be scarified prior to replacing topsoil. Topsoil will be spread over the area so as to conform to the topography.

5. The following seed mixture will be applied to all disturbed areas after replacing topsoil:

<u>Pounds Per Acre</u>	<u>Species</u>
$\frac{1}{4}$	Sandrop Seed
7	Crested Wheatgrass
$\frac{1}{2}$	Indian Ricegrass
$\frac{1}{4}$	Bitterbrush
$\frac{1}{4}$	Fourwing Saltbrush
<hr/>	
Total $8\frac{1}{4}$ lbs. per acre	

The seeds should be covered with $\frac{1}{4}$ " to $\frac{3}{4}$ " of topsoil by light discing or chaining. Seeding will be repeated until satisfactory revegetation is accomplished.

6. All work that is required to rehabilitate the site should be completed within one month after completion of drilling operations.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
CEDAR CITY DISTRICT OFFICE

Summary Report of
Inspection for Botanical Resources

BLM Use Only: Use Initials

Case File No.

Report Acceptable Yes__ No__

Mitigation Acceptable Yes__ No__

Comments:

1. Project Name, Developer

CLAY CREEK FEDERAL

2. Legal Description of Project Area (Attach Map Also)

NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 32 T. 34 S., R. 2 W.

3. Type of Project

Oil Well

4. Project or EAR No.

U 23-75-3

5. Potential T/E Plant Species Affected

Lesquerella rebocundula, Lomatium minimum Erigeron abajbensis, Primula palmeri, Phlox
gladiformis, Townsendia minima

6. Dates of Field Work

July 14, 1980

7. Description of Examination Procedures

Walk area in a grid fashion 10 feet between lines.

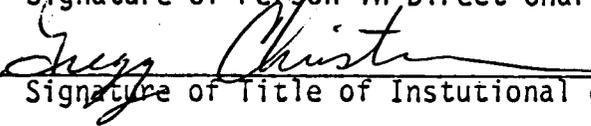
8. Description of Findings (Attach forms or detailed report, if appropriate)

No. T/E Plants found in the area

9. Conclusions/Recommendations

Go ahead with project

10. Signature of Person in Direct Charge of Field Work



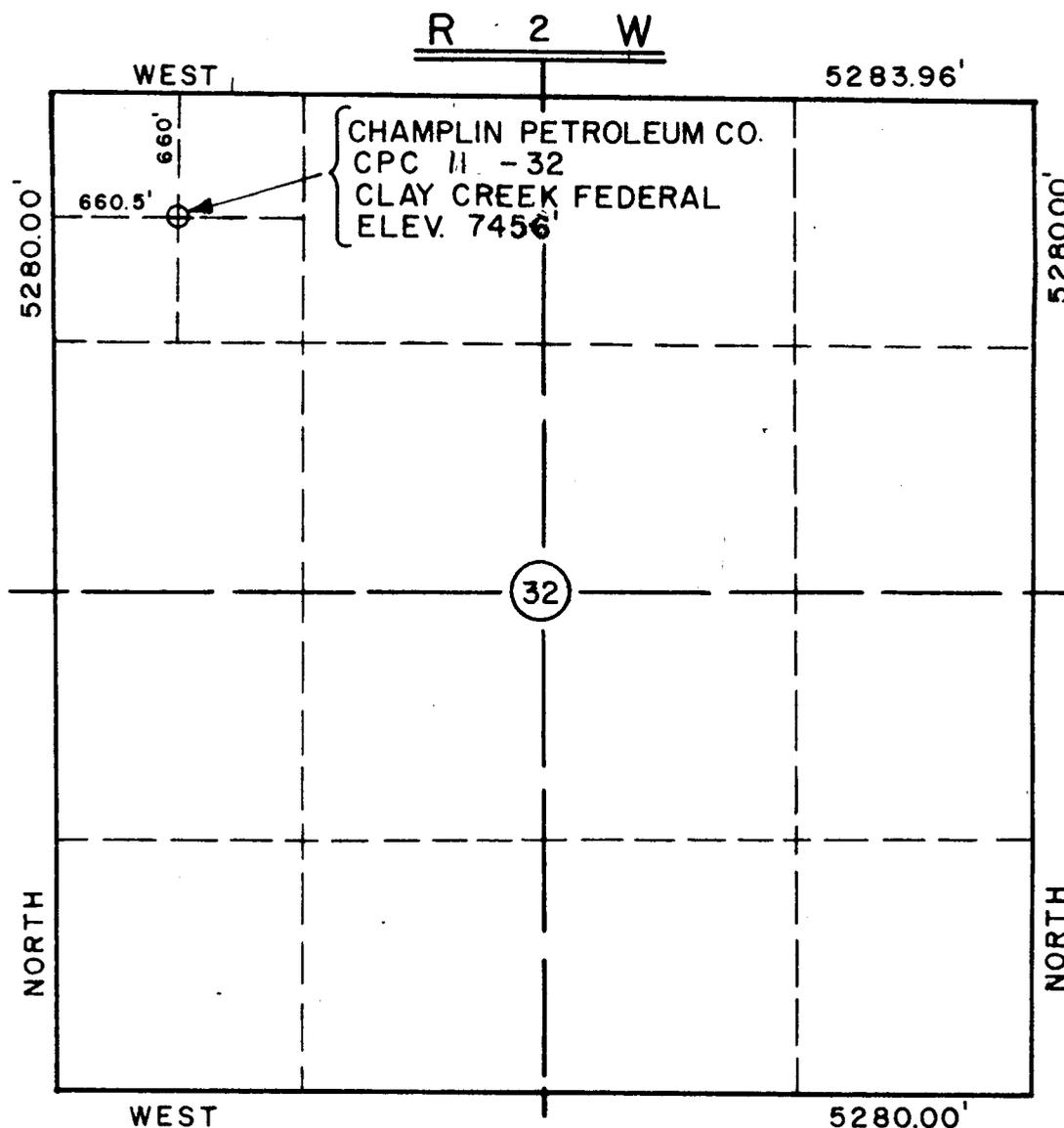
11. Signature of Title of Institutional or BLM Officer Responsible

T/E Animal Clearance for Case Number U-23753

No threatened or endangered animal species occur in the vicinity of the proposed oil well site and access road. Therefore the proposed action would not affect any T/E animal species or its habitat.

Steven A. Hedger

District Wildlife Biologist



REFERENCE POINTS

<u>LOCATION</u>	<u>ELEV.</u>
N 200'	7453'
S 200'	7459'
E 200'	7456'
W 200'	7452'

LOCATION MAP

SCALE 1"=1000'

CERTIFICATE OF SURVEYOR

STATE OF WYOMING }
COUNTY OF SWEETWATER } S.S.

I, JOSEPH W. MANATOS, OF ROCK SPRINGS, WYOMING
DO HEREBY CERTIFY THAT THIS MAP CORRECTLY
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PETROLEUM COMPANY ON APRIL 19, 1980.

Joseph W. Manatos

UTAH R.L.S. NO. 4806

REVISED MAY 5, 1980.

MAP

SHOWING WELL LOCATION

FOR

CHAMPLIN PETROLEUM CO.

CPC 31B - 32

CLAY CREEK FEDERAL

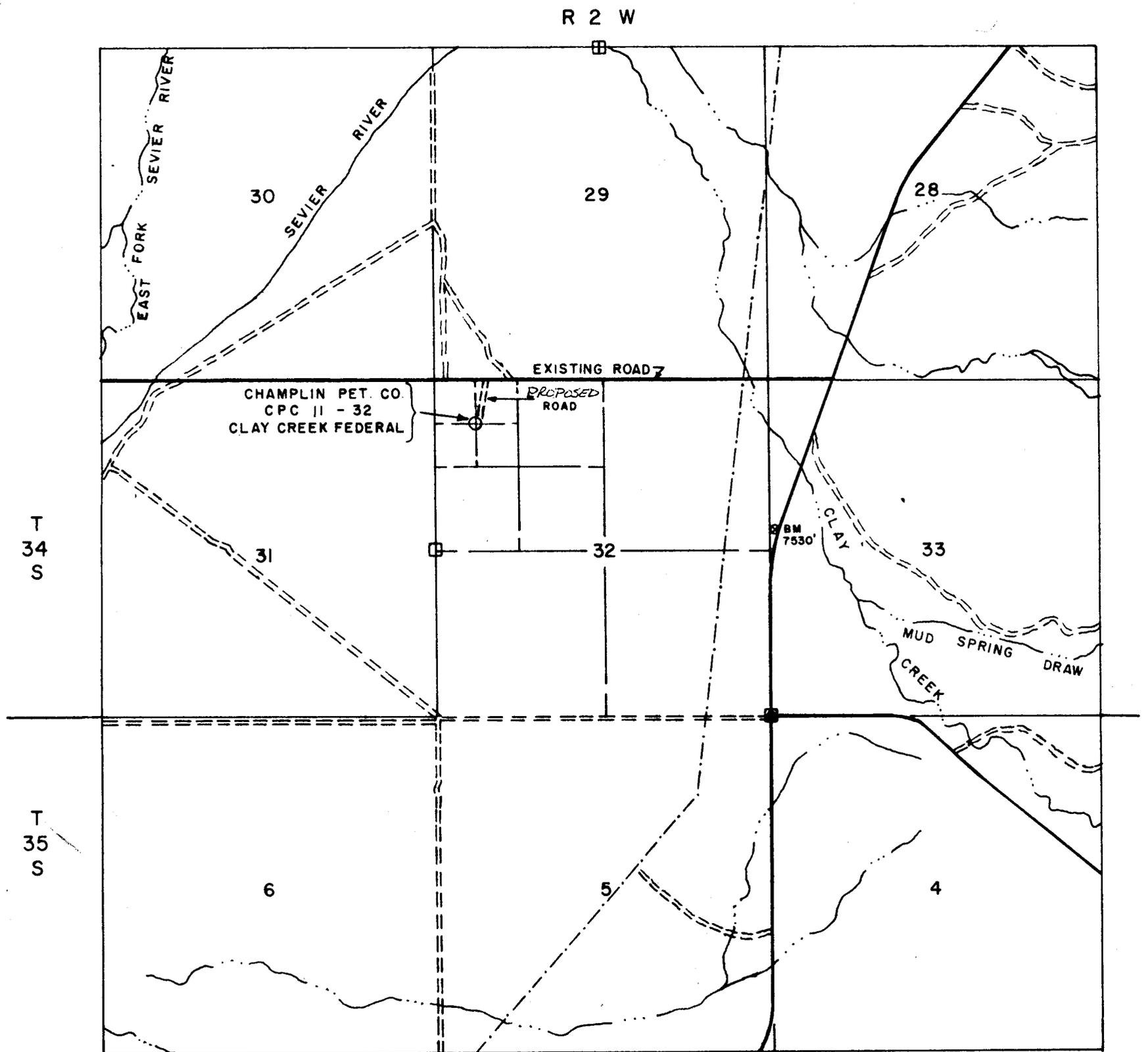
NW1/4 NW1/4, SECTION 32

T 34S, R2W

GARFIELD COUNTY, UTAH

JOHNSON-FERMELIA & CRANK, INC.

ROCK SPRINGS, WYO.



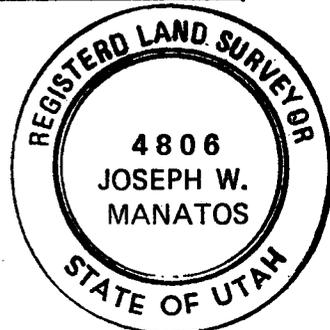
9.5 ± MILES TO
UTAH HWY. 12

VICINITY MAP

SCALE 1" = 2000'

NOTES:

⊕ - STONE CORNERS LOCATED, ⊕ - PIPE CORNER
B.M. - USGS X-47(1944) ELEV. 7530'
U.S.G.S. QUAD - FLAKE MOUNTAIN EAST, UTAH





DIVISION OF STATE LANDS
DEPARTMENT OF NATURAL RESOURCES
ROOM 411 EMPIRE BUILDING
231 EAST 400 SOUTH
SALT LAKE CITY, UTAH 84111
(801) 533-5381

Scott M. Matheson
Governor

Gordon E. Harmston
Executive Director
Dept. of Natural Resources

William K. Dinehart
Director

July 16, 1980

Re: Right of Way Application

George Diwachak
USGS
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

Dear George:

Please be advised that on June 2, 1980 the Director of the Division of State Lands approved an easement request from Champlin Petroleum Company. This easement is for an access road and temporary drill site location on State lands described as follows:

Township 34 South, Range 2 West, Salt Lake Base and Meridian
Section 32: NW $\frac{1}{4}$ NW $\frac{1}{4}$ Garfield County

If you need further information, please let me know.

Very truly yours,

KURT M. HIGGINS
Land Specialist

KMH:ber

BOARD MEMBERS

Warren C. Haycock Chairman
Northern

Dr. Walter D. Talbot
ex-officio

Jack Sawyers
Southwestern

Hollis Hullinger
Eastern Area

Arden B. Gundersen
Forestry & Fire

Paul S. Rattle
Southeastern

Margaret Bird
Central

ENVIRONMENTAL ASSESSMENT

CHAMPLIN PETROLEUM COMPANY

Section 32, Township 34 South, Range 2 West
Garfield County Utah

Prepared by

DIVISION OF OIL, GAS AND MINING

I. Description of the Proposed Action:

Champlin Petroleum Company plans to drill a well on an existing Federal Oil and Gas lease, the surface of which is owned by the state, in Section 32, Township 34 South, Range 2 West, SLBM, Garfield County to determine the liquid or gaseous hydrocarbon potential of several geologic formation down to a depth of 13,000 feet.

The proposed location is approximately 11 miles northeast of Paunsagunt Ranger Station, Bryce Canyon National Park. It may be reached by taking highway (12) to the junction of the Bryce Canyon and Emery Valley road; thence north 11 miles to the junction of Pine Lake road, then west; section 32 is immediately to the north.

II. Description of the Environment Potentially Effected:

The environment to be affected is almost wholly in surface acreage disturbance in building the drilling pad and road. Air quality will be subjected to minor, non-reoccurring disturbances. The surface acreage disturbance will be minimal:

The presently existing road is adequate and will not need upgrading; it will be necessary to build only 300 feet of new road from the existing road to the drilling pad.

The size of the drilling pad, as indicated by exhibit #2 will embrace a cleared area 400 feet by 450 feet, or approximately 4 acres.

The vegetation removed will consist primarily of Sage Brush, Rabbit Bush and Mat Phlox with a minor amount of native grasses interspersed between.

III. Physical Environment:

The Clay Creek 11B-32 well will be drilled in the Emery Valley. The location site is approximately 10 miles north of the Bryce Canyon National Park.

United States Department of the Interior
Geological Survey
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, Utah 84104

USUAL ENVIRONMENTAL ASSESSMENT

Date July 21, 1980

Operator Champlin Petroleum Co., Well Name and No.: 11-32
Location: 660' FWL & 660' FNL Section: 32 Township: 14S Range: 2W
County: Garfield State: Utah Field/Unit: Wildcat
Lease No.: U-23753 Acq. Permit No.: N/A
Joint Field Inspection Date: July 2, 1980.

Prepared By: George Diwachak

Field Inspection Participants, Titles and Organizations:

George Diwachak	U.S.G.S. - Salt Lake City, Utah
Quay Simons	BLM
Ed Bonner	Utah Division of State Lands
Mike Blackman	Champlin Petroleum
Eddie Boyd	Canyonlands Construction
Don Hilliard	Liquid Transport

Related Environmental Documents:

7/23/80 1j

*Drill pad 400' x 400'
Includes water pit 125' x 125'
access road 300' x 30'
(20' driving surface)
access shifted eastward
potential H₂S area - it
encountered operations will be
shut down until contingency plan
is prepared and approved by G.S.
addition of approval p. 7 (1-5).*

DISCRIPTION OF PROPOSED ACTION

Proposed Action.

1. Location State. Utah.

County. Garfield.

660' FWL, 660' FNL, NW 1/4 NW 1/4

Section 32, T 14S, R 2W, S L M.

2. Surface Ownership Location: State of Utah.

Access Road: State of Utah.

Status of
Reclamation Agreements: See Appendix.

3. Dates APD Filed: June 2, 1980.

APD Technically Complete: June 13, 1980 .

APD Administratively Complete: June 2, 1980.

4. Project Time Frame

Starting Date: Upon approval .

Duration of Drilling activities. 150 days.

A period of 30 to 60 days is normally necessary to complete a well for production if hydrocarbons are discovered. If a dry hole is drilled, recontouring and reseeding would normally occur within one year, revegetation or restoration may take several years. If the well is a producer, an indefinite period of time would occur between completion and rehabilitation.

5. Related actions of other federal or state agencies and Indian tribes:

None known.

6. Nearby pending actions which may affect or be affected by the proposed action:

None known.

7. Status of Variance Requests:

None known.

The following elements of the proposed action would/could result in environmental impacts:

1. A drill pad 400' wide x 400' long including a reserve pit 125' x 125' would be constructed. Approximately 300 feet of existing trail would be reconstructed to 16-20' driving surface from a maintained road. 4 acres of disturbed surface would be associated with the project. Maximum disturbed width of access road would be limited to 30'.
 2. Drilling.
 3. Waste disposal.
 4. Traffic.
 5. Water requirements.
 6. Completion.
 7. Production - Any production facilities would be confined to the drill pad area.
 8. Transportation of hydrocarbons - Not requested in APD.
- Details of the proposed action are described in the Application for Permit to Drill.

The access road was shifted slightly to the east to utilize an existing jeep trail.

Environmental Considerations of the Proposed Action.

Regional Setting/Topography: The location is situated in the flat, to gently sloping valley of the E. Fork Seiver River.

PARAMETER

A. Geology

1. Other Local Mineral Resources to be Protected. Coal may be present in the Dakota Formation (3185' to 3300'), however, it is too deep to be economical at this time. Logging cuttings through the coal zone would provide information.

Information Source: Mineral Evaluation Report, Mining Report.

2. Hazards:

a. Land Stability. No significant impacts expected.

Information Source: Field Observation.

b. Subsidence: No significant impacts expected, although the withdrawal of fluids could cause subsidence.

Information Source: Field Observation.

c. Seismicity. The location is in an area of moderate seismic risk. The operating plan does not account for this.

Information Source. "Geologic Atlas of the Rocky Mountain Region" - Rocky Mountain Association of Geogists.

d. High Pressure Zones/Blowout Prevention: No high pressure zones expected. BOP program is outlined in APD.

Information Source APD, Mineral Evaluation Report.

B. Soils:

1. Soil Character: Six inches of topsoil would be stripped and stock-piled requiring revegetation upon abandonment. Soils are unstable when wet.

Information Source: Field Observation, APD.

2. Erosion/Sedimentation: Erosion would increase especially during periods of precipitation, however due to the flat terrain, erosion would not significantly increase.

Information Source: Field Observation.

C. Air Quality: Wellsite is in a Class II attainment area, 12 miles north of Bryce Canyon National Park, a Class I attainment area. Air quality would decrease in immediate area of wellsite during drilling from vehicle and equipment emissions and fugitive dust. No impacts to National Park are expected as wind direction is from west to east.

Information Source: Field Observation, Utah State Department of Health, (pers.comm.)

D. Noise Levels: Noise levels would increase temporarily from vehicle and equipment operations affecting wildlife in a distributional sense.

Information Source: Field Observation.

E. Water Resources

1. Hydrologic Character

a. Surface Waters: The East Fork Sevier River is about 1 mile west of the location. Clay Creek is about 1 mile to the east. Siltation to both waterways could occur, however flat terrain should limit impacts.

Information Source: Field Observation.

b. Ground Waters. Fresh or useable water could occur in the Navajo, Wingate and White Rim formation 0 to 10,000 feet. Operator reports that surface casing would be extended to 4500 feet. Adequate cementing of aquifers would provide protection to depth of surface casing. A waterwell would be drilled for use during drilling. Necessary state permits have been applied for.

Information Source: APD, Mineral Evaluation Report, Operator(pers. comm.)

2. Water Quality

a. Surface Waters: A spill of oil, water or drilling fluids could reach E. Fork Sevier River or Clay Creek, however, flat terrain reduces hazards.

Information Source: Field Observation.

b. Ground Waters: Commingling of aquifers and aquifer contamination by drilling muds is possible. 4500 feet of surface casing would protect most aquifers.

Information Source: Field Observation, Operator (pers. comm), Mineral Evaluation Report.

F. Flora and Fauna

1. Endangered and Threatened Species Determination

Based on the formal comments received from the BLM on July 21, 1980, we determine that there would be no effect on endangered and threatened species and their critical habitat.

2. Flora: Vegetation is sparse consisting of budsage, saltbush and grasses.

Information Source: Field Observation, BLM.

3. Fauna: Antelope, deer, rodents, songbirds and raptors frequent the area. Wildlife would be affected temporarily in a distributional sense.

Information Source: Field Observation, BLM.

G. Land Uses

1. General: The land is used primarily for grazing and limited recreation. A small amount of land would be unavailable for grazing until restoration is complete.

Information Source: Field Observation, BLM.

2. Affected Floodplains and/or Wetlands: N/A.

Information Source: Field Observation.

3. Roadless/Wilderness Area: N/A.

Information Source Field Observation, BLM.

H. Aesthetics: The operation does not blend with the local surroundings. A visible surface scar would be evident until restoration is complete. Painting any permanent production equipment a color to blend in with the surroundings would reduce visual impacts.

Information Source. Field Observation.

I. Socioeconomics: The effects of one well would be negligible on local economy and populations. If a major discovery is made, local and regional economy and populations would increase.

Information Source: Field Observation.

J. Cultural Resources Determination: Based on the formal comments received from the BLM on July 21, 1980, we determine that there would be no effect on cultural resources.

Information Source: BLM.

K. Other: Lost circulation is possible from surface through the Carmel formation. H₂S gas may be encountered below 10,000 feet, based on information obtained from the Upper Valley Field, 18 miles southeast. However, pressures were reported low and quantities small (1% or less). H₂S safety provisions are provided in the APD. If H₂S gas is encountered the operations should cease until an H₂ Contingency Plan² is implemented.

Information Source: APD, Operator (pers. comm.) Mineral Evaluation Report.

L. Adequacy of Restoration Plans: The restoration plans met the minimal requirements of NTL-6 and are typical of the industry. Additional restoration recommendations have been provided by the BLM.

Information Source: Field Observation, APD, BLM.

Alternatives to the Proposed Action:

1. Disapproving the proposed action or no action - If the proposed action is denied, no action would occur, the existing environment would remain in its present state, the lessee/operator would not realize any return on investments and the public would be denied a potential energy source.

2. Approving the project with the recommended stipulations - Under federal oil and gas leasing provisions, the Geological Survey has a responsibility to approve mineral development if the environmental consequences are not too severe or irreversible. Permanent damage to the surface and subsurface would be prevented as much as possible under USGS and Surface Management Agency supervision. Environmental impacts would be significantly mitigated.

Adverse Environmental Effects.

1. If approved as proposed:

- a. About 4 acres of vegetation would be removed, increasing and accelerating erosion potential.
- b. Pollution of groundwater systems could occur with the introduction of drilling fluids into the aquifer(s). The potential for interaquifer leakage and lost circulation is ever-present, depending on the casing program.
- c. Minor air pollution would be induced on a temporary basis due to exhaust emissions from rig engines and support traffic.
- d. The potential for fires, leaks, spills of gas and oil or water exists.
- e. During construction and drilling phases of the operation, noise and dust levels would increase.
- f. Distractions from aesthetics during the lifetime of the project would exist.
- g. Erosion from the site would eventually be carried as sediment in the East Fork Sevier River. The potential for pollution to the river would exist through leaks and spills.
- h. If hydrocarbons would be discovered and produced, further development of the area could be expected to occur, which would result in the extraction of irreplaceable resource, and further negative environmental impacts. These impacts include the cumulative loss of wildlife habitat due to the areas necessary for roads, pipelines, drillsites, and transmission lines. These actions may disrupt wildlife social behavior and force habitat relocation over an extended period of time. In addition, the cumulative effects of non-point erosion become substantial in a developing field, primarily those located near perennial streams where siltation and sedimentation are critical to aquatic life cycles.
- i. H₂S gas may be present below 10,000 feet.

2. Conditional Approval:

All adverse impacts described in section one above could occur, except.

- a. Painting permanent equipment a color to blend with natural surroundings would reduce visual impacts.
- b. If H₂S gas is encountered, an H₂S Contingency Plan would provide means for safety of personnel, area residents and passersby.
- c. Logging through potential coal zones would provide information of a potential energy source.



Champlin # 11-32

↑
S

Recommended Approval Conditions:

Drilling should be allowed, provided the following mitigative measures are incorporated into the proposed APD and adhered to by the operator:

1. See attached Lease Stipulations.
2. See attached recommendations.
3. If any H₂S gas is encountered, the USGS will be notified within 24 hours. The well must be shut in until an approved H₂S Contingency Plan can be implemented.
4. Logs of cuttings shall be run through the potential coal zones of the Dakota formation.(3185' - 3300').
5. Any permanent production facilities shall be painted a color to blend in with local surroundings.

Controversial Issues and Conservation Division Response:

None.

We have considered the proposed action in the preceding pages of this EA and find, based on the analysis of environmental considerations provided therein, no evidence to indicate that it will significantly (40 CFR 1508.27) impact the quality of the human environment.

Determination:

I determine that the proposed action (as modified by the recommended approval conditions) does not constitute a major Federal action significantly affecting the quality of the human environment in the sense of NEPA, Section 102 (2)(C).

 FOR E. W. GYNN
DISTRICT ENGINEER

Signature & Title of Approving Official

JUL 28 1980

Date

SELECTED REFERENCES

Anderson, B.A. 1979, Desert Plants of Utah: Cooperative Extension Service, Utah State University, Logan, Utah. 146 p.

Bureau of Land Management, 1979, Interim Management Policy and Guidelines for Lands Under Wilderness Review: U.S. Department of the Interior, BLM, Washington, D.C. 32 p.

Keller, E.A., 1976, Environmental Geology: C.E. Merril Publishing Company, Columbus, Ohio. 488 p.

Rocky Mountain Association of Geologists, 1972, Geologic Atlas of the Rocky Mountain Region: Denver, Colorado. 331 p.

Wilson, LeMoyne, et.al, 1975, Soils of Utah: Agricultural experiment Station, Bulletin 492, Utah State University, Logan, Utah. 94 p.

FROM: : DISTRICT GEOLOGIST, ME, SALT LAKE CITY, UTAH

TO : DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-23753

OPERATOR: Champlin

WELL NO. 11-32

LOCATION: C NW 1/4 NW 1/4 sec. 32, T. 34S, R. 2W., SLM

Garfield County, Utah

1. Stratigraphy: Operator logs appear reasonable

Wasatch	surface
Dakota	3185'
Kaibab	10,035'
Redwall Ls.	12,635'
<u>TD</u>	<u>13,000'</u>



2. Fresh Water:

Navajo, Wingate, White Rim are potential aquifers that occur 0 to 10,000'.

3. Leasable Minerals:

Prospectively valuable coal in the Dakota (3185' to 3300') (Major Dakota coal occurs in the Alton Field to the southwest).

4. Additional Logs Needed:

Log of cuttings through potential coal zone (3185' to 3300').

5. Potential Geologic Hazards:

Operator anticipates H₂S gas may occur below 10,000'. (Association with the Paradox Fm overlying Redwall Ls.)

6. References and Remarks:

Signature: Gregory W Wood

Date: 6-16-80

George

FROM : DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH

TO : DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-23753

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6. References and Remarks:

Signature: Gregory W Wood

Date: 6-16-80

Champion Petroleum
32-345-24

George

Memorandum

To: District Oil and Gas Engineer, Mr. Edward Guynn
From: Mining, Supervisor, Mr. Jackson W. Moffitt
Subject: Application for Permit to Drill (form 9-331c) Federal oil and
gas lease No. U-23753 Well No. 11-32

1. The location appears potentially valuable for:

- strip mining*
- underground mining**
- has no known potential. *Coal too deep*

2. The proposed area is

- under a Federal lease for _____ under the jurisdiction of this office.
- not under a Federal lease under the jurisdiction of this office.
- Please request the operator to furnish resistivity, density, Gamma-Ray, or other appropriate electric logs covering all formations containing potentially valuable minerals subject to the Mineral Leasing Act of 1920.

*If location has strip mining potential:

Surface casing should be set to at least 50 feet below the lowest strip minable zone at _____ and cemented to surface. Upon abandonment, a 300-foot cement plug should be set immediately below the base of the minable zone.

**If location has underground mining potential:

The minable zones should be isolated with cement from a point 100 feet below the formation to 100 feet above the formation. Water-bearing horizons should be cemented in like manner. Except for salines or water-bearing horizons with potential for mixing aquifers, a depth of 4,000 feet has been deemed the lowest limit for cementing.

Signed Allen L Vance

6. Federal Bureau of Land Management File No. UGA - U 23753
7. Field or Allotment or Tribe Name
8. Unit Agreement Name
9. Farm or Lease Name
10. Field and Pool, or Wellhead
11. Sec., T., R., M., or BE. and Survey or Area
12. County or Parish

Clay Creek Federal
11-32
Wildcat
Sec. 32, T34S, R2W
Garfield Utah
June 1, 1980

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
Champlin Petroleum Company

3. Address of Operator
P.O. Box 700 Rock Springs, Wyoming 82901

4. Location of Well (Report location clearly and in accordance with any State requirement.)
At surface NWN

At proposed prod. zone
To be drilled as a straight hole

14. Distance in miles and direction from nearest town or post office*
Approximately 30 miles east of Panguitch, Utah

15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest state line, if any.)
660

18. Distance from proposed location to nearest well, distance completed or applied for, on this lease, ft.
13,000

21. Elevations (show whether DT, RT, GP, etc.)
7457' GR

16. No. of acres in lease
1360

19. Proposed depth
Rotary

20. Entry or cable tools
22. Approx. date well will start
June 1, 1980

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
17 1/2"	10-3/4"	45.5#	2000' (45,00) 9 5/8"	4000 sx.
8-3/4"	5-1/2"	17 & 20#	13000'	700 sx.

1. Drill 12 1/2" hole to 3000' and open to 17 1/2". Run 10-3/4" casing and 2-1/16" parasite string to TD and cement to surface.
2. WOC 12 hrs. Install casing head & test to 2000 psi. Install BOP's and choke manifold and test pipe and blind rams and manifold to 2000 psi. Test Hydril to 1500 psi. 10-3/4" casing will be tested to 2000 psi before drilling out.
3. Drill 8-3/4" hole to total depth of 13,000'.
4. In the event of commercial production, 5 1/2" casing will be set to TD and cemented 500' above the upper most productive zone.

DUPLICATE COPY

IN ABOVE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present production zone and proposed location. If proposal is to drill or deepen directionally, give pertinent data on subsurface location and proposed and true vertical depth. Give layout of present program, if any.

24. Signed *W. M. Blackman*
W. M. Blackman
(This space for Federal or State office use)

Title Dist. Dir. & Prod. Supervisor Date 5/5/80

Permit No. _____
Approved by *W. M. Blackman*
Conditions of approval, if any:

Approval Date _____
Title FOR E. W. GUYNN
DISTRICT ENGINEER

Date JUL 29 1980

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL
TO OPERATOR'S COPY

FLARING OR BURNING OF GAS IS SUBJECT TO HTL 4-A DATED 1/1/80

Utah Oil & Gas

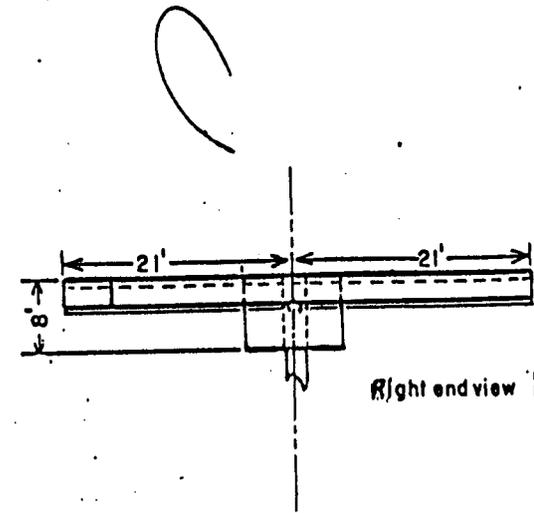
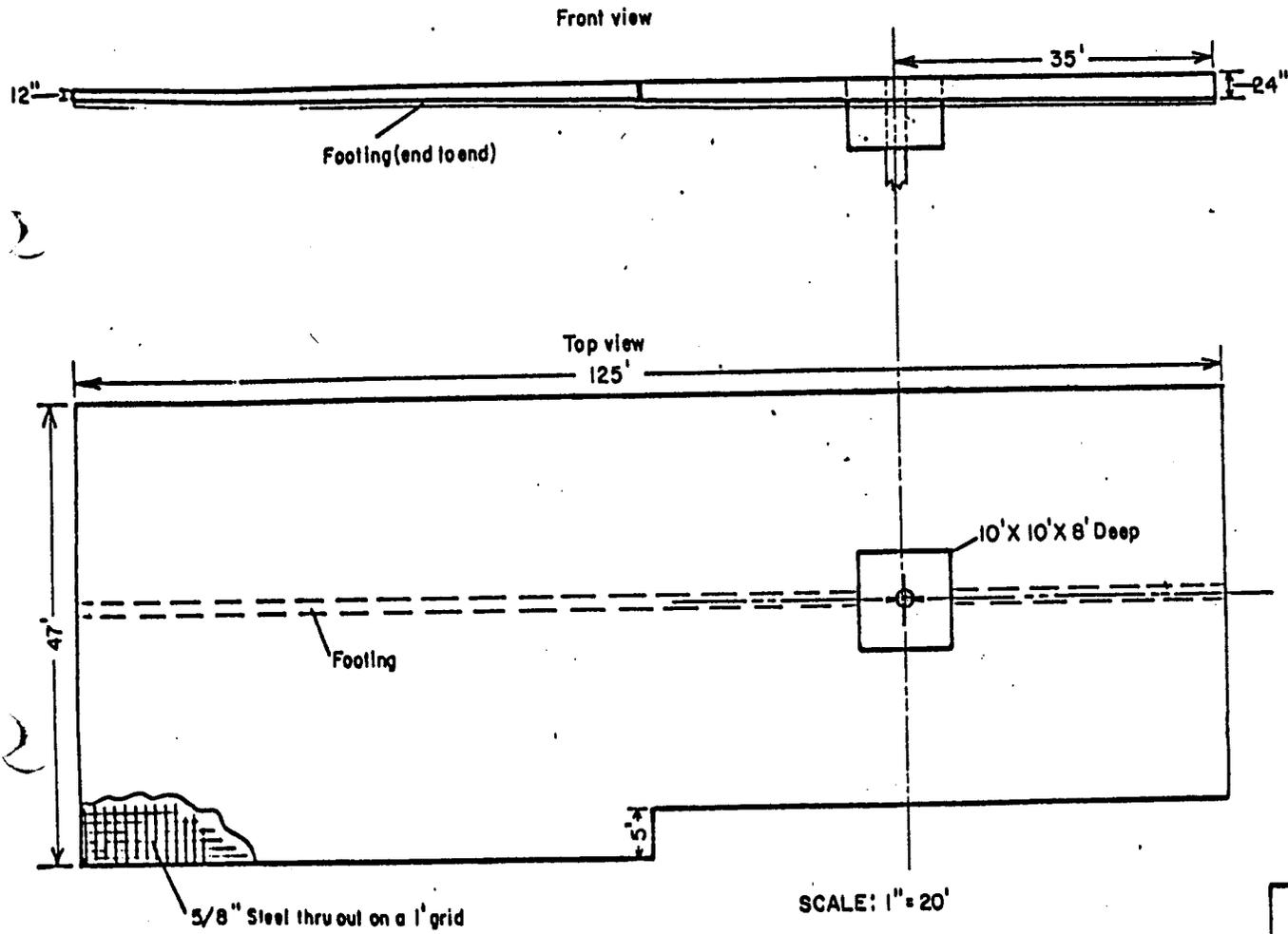
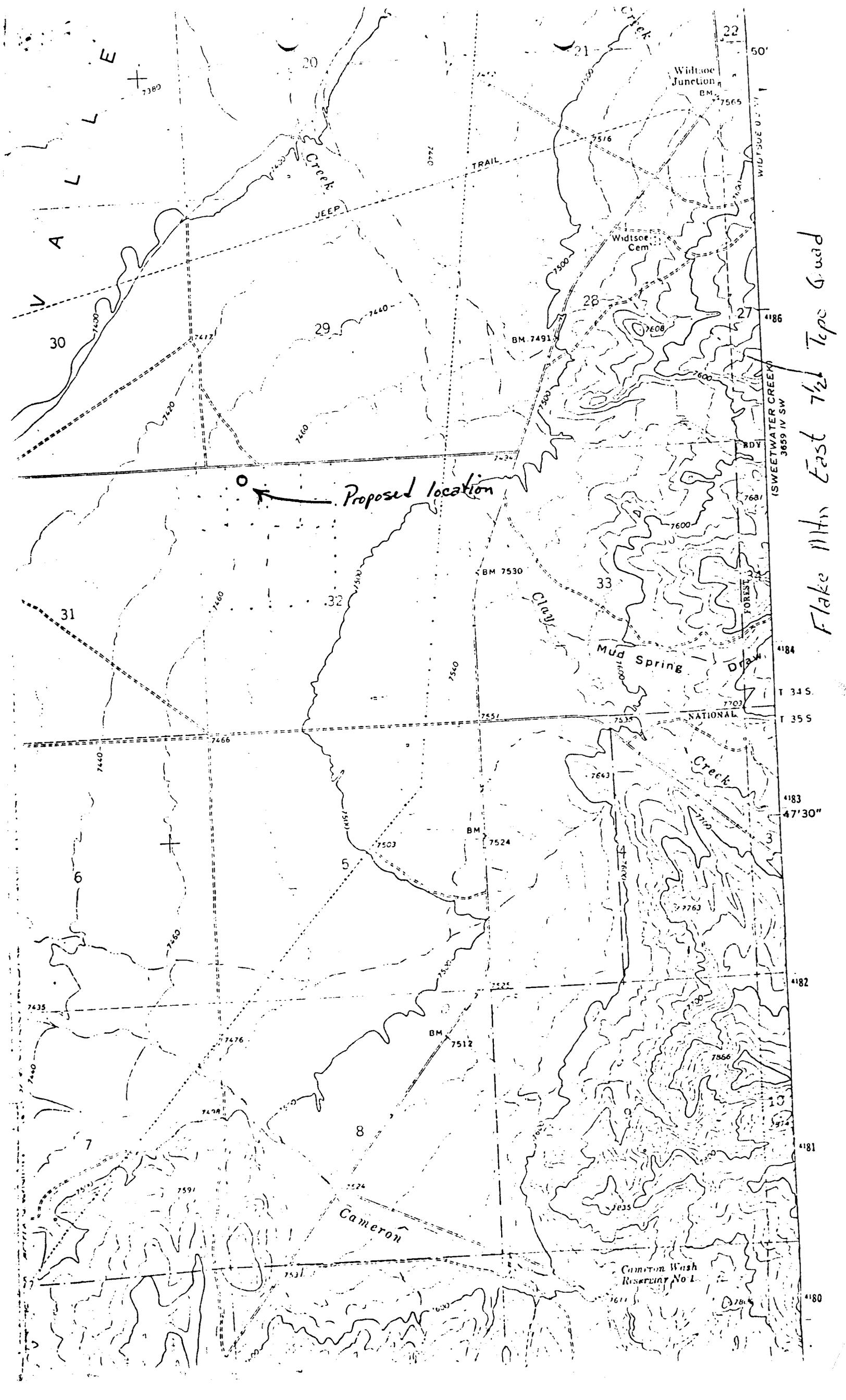


Fig. 2

RIG PAD DIAGRAM



Flake 11th East 7 1/2 Topo Grid

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.
USA - U - 23753

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Clay Creek Federal

9. WELL NO.
11-32

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 32, T34S, R2W

12. COUNTY OR PARISH
Garfield

13. STATE
Utah

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 "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Champlin Petroleum Company

3. ADDRESS OF OPERATOR
P.O. Box 700 Rock Springs, Wyoming 82901

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
660' FNL & 660' FWL

14. PERMIT NO.
43 - 017-30084

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
7457' GR.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>	(Other) _____	
(Other) _____		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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.)*

Plans for surface casing program have been changed as follows:

Drill 14-3/4" hole to 4500'.
Run 9-5/8" 40# K-55 new casing to TD with parasite string of 2-1/16" tubing to 2500'.
Cement to surface with 4000 sx of cement.

The surface hole will have open hole logs run from TD to surface and any significant hydrocarbon shows will be tested.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING
DATE: 8/27/80
BY: [Signature]



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

SIGNED W. M. Blackman TITLE Dist. Drlg. & Prod. Supt. DATE 8/18/80
W. M. Blackman

(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 TRIPL. E*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

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 "APPLICATION FOR PERMIT—" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO. USA-U-23753	
1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Champlin Petroleum Company		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P.O. Box 700 Rock Springs, Wyoming 82935		8. FARM OR LEASE NAME Clay Creek Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 660' FNL & 660' FWL		9. WELL NO. 11-32	
14. PERMIT NO. 43-017-30084		15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7457' GR	
		10. FIELD AND POOL, OR WILDCAT Wildcat	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 32, T34S R2W
		12. COUNTY OR PARISH Garfield	13. STATE Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>	(Other) _____	
(Other) _____		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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.)*

Plans for casing program have been changed due to severe hole sloughing and lost circulation problems.

The new program is as follows:

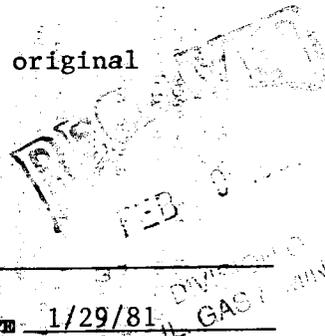
- 1) Drill 8½" hole to 8900'±.
- 2) Run 7" 26# L-80 LT&C casing from 8900' to 4300' (200' overlap).
- 3) Cement casing from 8900' to 4300' with approximately 400 sx of cement.
- 4) Drill 6-1/8" hole from 8900' to 13,000' and run 5" casing to surface and cement with approximately 400 sx cement.

Open hole logs will be run prior to running any casing as per our original NTL-6 plans.

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

DATE: 2-10-81

BY: W. M. Blackman



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

SIGNED W. M. Blackman TITLE Dist. Drlg. & Prod. Supt. DATE 1/29/81

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

DIVISION OF OIL, GAS AND MINING

PLUGGING PROGRAM

NAME OF COMPANY: Champlin W. Mike Blackman 307-362-5641

WELL NAME: 11-32 Clay Creek Fed.

SECTION NW NW 32 TOWNSHIP 34S RANGE 2W COUNTY Garfield

VERBAL APPROVAL GIVEN TO PLUG AND ABOVE REFERRED TO WELL IN THE FOLLOWING MANNER:

TOTAL DEPTH: 8785'

CASING PROGRAM:

- 20" @ 120' circ. to surface
- 9 5/8" @ 4500' circ. to surface
- 8 1/2" openhole TD

FORMATION TOPS:

Dakota-	2984'
Morrison-	4430'
Entrada-	3620'
Navajo-	6008'
Chinle-	8006'
Shinarump-	8444'
Moenkopi-	8580'

Only water encountered at 180', no shows or cores

PLUGS SET AS FOLLOWS:

Fish from 5915-8568' (2653')

- 1) 5915-5700'
- 2) 3600-3400'
- 3) 4550-4450'
- 4) 100'-surface

Place 9.6#, 40 vis. fresh water gel based abandonment mud between plugs; clean, restore and regrade site, erect regulation dryhole marker.

DATE 3-5-81 SIGNED MTM

champlin 

March 6, 1981

U.S.G.S.
1745 West 1700 South
Suite 2000
Salt Lake City, Utah 84104

Attn: Bill Martens

Utah Division of Oil, Gas & Mining
1588 West, North Temple
Salt Lake City, Utah 84116

Attn: Mike Minder

CONFIDENTIAL

Re: Champlin Petroleum Company
11-32 Clay Creek Federal
Garfield County, Utah

Gentlemen:

Attached please find the sundry notice proposing plugging and abandoning the above-subject well. This procedure is as discussed with you on March 5, 1981. Also attached is a list of pertinent well data including formation tops, casing depths and miscellaneous information. Champlin is treating this well as a "tight hole" and would appreciate your assistance in keeping the attached data confidential. Actual plugging operations are anticipated to begin late March 6, 1981, or early March 7, 1981.

If you require any further information, please do not hesitate to call me at (307) 362-5641.

Yours truly,

CHAMPLIN-PETROLEUM COMPANY



W. M. Blackman
District Superintendent

WMB:dd

Attachments

Champlin Petroleum Company
P.O. Drawer 700
Rock Springs, Wyoming 82901
307 / 362-5641

CONFIDENTIAL

RECEIVED
MAR 09 1981

DIVISION OF
OIL, GAS & MINING

CHAMPLIN PETROLEUM COMPANY

11-32 Clay Creek Federal

Sec. 32, T34S, R2W

Garfield County, Utah

Casing Data:

20" casing set at 120' cemented to surface.
9-5/8" 40# K-55 casing set at 4510' cemented to surface.

Aquifers:

One fresh water zone 120-160' used for rig make up water.

Formation Tops: All KB

KB	7,474'
Dakota	2,984'
Morrison	3,320'
Entrada	3,620'
Navajo	6,008'
Chimle	8,006'
Shinarump	8,444'
Moenkopi	8,580'
TD	8,785'

Junk in Hole: Total length 2,653'

Bit at 8,568' KB
Collars & drill pipe to 5,915' KB

RECEIVED
MAR 27 1951

DIVISION OF
OIL, GAS & MINING

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

SUBMIT IN TRIPL
(Other instructions
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

USA - U - 23753

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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 "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL WELL GAS WELL OTHER Incomplete well

2. NAME OF OPERATOR

Champlin Petroleum Company

3. ADDRESS OF OPERATOR

P.O. Box 700 Rock Springs, Wyoming 82901

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

660' FNL & 660' FWL

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Clay Creek Federal

9. WELL NO.

11-32

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 32, T34S, R2W

14. PERMIT NO.

43-017-30084

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

7457' GR 7474' KB

12. COUNTY OR PARISH

Garfield

13. STATE

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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.)*

This is to confirm telephone conversations between Champlin Petroleum Company, W. M. Blackman, and your office in regard to plugging and abandoning the subject well. Champlin proposes to plug this well due to drilling difficulties and equipment, bit, collars and drill pipe, left in the hole from 8568' to 5915'. Total depth reached was 8785'.

As discussed with your office on 3/5/81, Champlin proposes plugging the well as follows:

- 1) Spot 100 sx cement plug from 5915' to 5700'.
- 2) Spot 50 sx cement plug from 4550' to 4450' across bottom of 9-5/8" casing at 4510'.
- 3) Spot 100 sx cement plug from 3600' to 3400'.
- 4) Spot 50 sx cement plug from 100' to surface.
- 5) Cut casing off 3' below surface and weld on cap.
- 6) Set P&A marker and restore location as per NTL-6.

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

SIGNED W. M. Blackman

(This space for Federal or State office use)

TITLE District Superintendent RECEIVED 3/81

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____ DATE _____

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

*See Instructions on Reverse Side

DIVISION OF
OIL, GAS & MINING

DATE: 3-27-81
BY: W. S. Munder

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

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 "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Champlin Petroleum Company

3. ADDRESS OF OPERATOR
P. O. Box 1257, Englewood, CO 80150

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
1320' FSL, 1120' FWL

14. PERMIT NO. _____

15. ELEVATIONS (Show whether DF, ST, GR, etc.)
6181 KB

5. LEASE DESIGNATION AND SERIAL NO.
UT 733

6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____

7. UNIT AGREEMENT NAME _____

8. FARM OR LEASE NAME
Lamco (Agency Draw)

9. WELL NO.
#4-5

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 5-T13S-R20E

12. COUNTY OR PARISH
Unitah

13. STATE
Utah

CONFIDENTIAL

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	Status <input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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.)*

CONFIDENTIAL REPORT - 2/19/81 thru 3/25/81

Drlg 8-3/4" hole from 7925' to 8605' (TD). Ran 5 1/2", 17#, P110, csg. Shoe @ 8605'. Float collar @ 8558'. Cmtd w/1600 sxs of Class G w/10% salt, 6% Halad 24, 1/4# sx flocele, displaced w/10 bbls wtr + 189 bbls mud. Good returns. Ran CBL-CCL-GR log. TOC 4178'. PBSD 8569'. Perforated 8394-8412', 8490-8494', 8501-8505', 1 JSPF, 20 holes.

Present operations: Swbg.

CONFIDENTIAL REPORT

CONFIDENTIAL

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

SIGNED J. L. Daniel TITLE Engineering Technician DATE 3/26/81

(This space for Federal or State office use)

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

Released: 9-26-81



CONFIDENTIAL

March 26, 1981

State of Utah
Division of Oil, Gas and Mining
1588 W. North Temple
Salt Lake City, Utah 84116

Re: 4-5 Lamco - CONFIDENTIAL
Wildcat - Tight Hole
Section 5-T13S-R20E
Unitah, Utah

Gentlemen:

Please find attached four (4) copies of Form OGC-LB "Sundry Notices and Reports on Wells" for the subject well. Please return excess copies to the undersigned.

Also we ask you keep this information confidential.

Respectfully submitted,


J. L. Daniel
Engineering Technician

JLD/cm

Attachments

CONFIDENTIAL


APR 1 1981

DIVISION OF
OIL, GAS & MINING

June 8, 1981

Champlin Petroleum Company
P.O. Box 700
Rock Springs, Wyoming 82901

Re: Well No. Clay Creek Federal #11-32
Sec. 32, T.34S. R.2W.
Garfield County, Utah

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above mentioned well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, in duplicated and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING


SANDY BATES
CLERK-TYPIST

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE (See other structure reverse)

Form approved. Budget Bureau No. 42-R355.5.

4

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. 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: Champlin Petroleum Company

3. ADDRESS OF OPERATOR: P. O. Box 1257, Englewood, CO 80150

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 660' FNL, 660' FWL
At top prod. interval reported below
At total depth

14. PERMIT NO. 43-017-30084 DATE ISSUED 5-23-80

15. DATE SPUNDED 8-26-80 16. DATE T.D. REACHED 2-26-81 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* GL 7457', KB 7474'

20. TOTAL DEPTH, MD & TVD 8785 21. PLUG, BACK T.D., MD & TVD --- 22. IF MULTIPLE COMPL., HOW MANY* N/A 23. INTERVALS DRILLED BY -> 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Plugged and Abandoned

5. LEASE DESIGNATION AND SERIAL NO. USA-U-23753
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME Clay Creek Federal
9. WELL NO. 11-32
10. FIELD AND POOL, OR WILDCAT Wildcat
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 32-T34S-R2W

12. COUNTY OR PARISH Garfield 13. STATE Utah

25. WAS DIRECTIONAL SURVEY MADE Yes
26. TYPE ELECTRIC AND OTHER LOGS RUN BHC Sonic DIL, CNL
27. WAS WELL CORED No

28. CASING RECORD (Report all strings set in well)

Table with 6 columns: CASING SIZE, WEIGHT, LB./FT., DEPTH SET (MD), HOLE SIZE, CEMENTING RECORD, AMOUNT PULLED. Rows include 20" 94# 120' 24" 10 yds Redimix and 9-5/8 40# 4515.84 12 1/2" 2155 sx lite, 500 sx Class B.

29. LINER RECORD and 30. TUBING RECORD tables with columns for SIZE, TOP (MD), BOTTOM (MD), SACKS CEMENT*, SCREEN (MD), SIZE, DEPTH SET (MD), PACKER SET (MD).

31. PERFORATION RECORD (Interval, size and number)
Plugged as follows:
#1 5950-5700' (50 sx)
#2 4550-4450' (50 sx)
#3 3400-3600' (100 sx)
#4 500' - surface of 9-5/8" csg (10 yds)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. Table with columns: DEPTH INTERVAL (MD), AMOUNT AND KIND OF MATERIAL USED. Row: N/A

33.* PRODUCTION
DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) WELL STATUS (Producing or shut-in)
PLUGGED AND ABANDONED

Table with 8 columns: DATE OF TEST, HOURS TESTED, CHOKE SIZE, PROD'N. FOR TEST PERIOD, OIL—BBL., GAS—MCF., WATER—BBL., GAS-OIL RATIO. Includes rows for 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: Logs previously sent

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED Ramona J. Rhoden TITLE Sr. Engineering Aide DATE 7-28-81

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

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.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

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 spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state 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, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any 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.)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS	
				NAME	MEAS. DEPTH
				Dakota	2984
				Morrison	3320
				Entrada	3620
				Navajo	6008
				Chinle	8006
				Shinarump	8444
				Moenkopi	8580
					TOP
					TRUE VERT. DEPTH

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 Dry Hole

2. NAME OF OPERATOR
Champlin Petroleum Company

3. ADDRESS OF OPERATOR
P. O. Box 1257, Englewood, CO 80150

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 660' FNL, 660' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

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) Supplement

SUBSEQUENT REPORT OF:

5. LEASE USA-U-23753
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME Clay Creek Federal
9. WELL NO. 11-32
10. FIELD OR WILDCAT NAME Wildcat
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 32-T34S-R2W
12. COUNTY OR PARISH 13. STATE Garfield Utah
14. API NO.
15. ELEVATIONS (SHOW DF, KOB, AND WD) 7457' GL, 7474' KB

(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.)

Plugged well as follows:

1. 5950'-5700' (50 sx)
2. 4550'-4450' (50 sx)
3. 3400'-3600' (100 sx)
4. 500' -surface (10 yds)
5. Installed Dry Hole Marker
6. Filled in cellar
7. Location has been contoured to original state.
Full rehabilitation is lacking only reseeding and the leveling of one reserve pit which has not dried up. Water well has been capped.

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

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

SIGNED Ramona J. Rhoden TITLE Sr. Eng. Aide DATE July 28, 1981
Ramona J. Rhoden

(This space for Federal or State office use)

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



July 28, 1981

RECEIVED

JUL 29 1981

United States Geological Survey
1745 West 1700 South
Suite 2000
Salt Lake City, Utah 84104

DIVISION OF
OIL, GAS & MINING

Attn: Bill Martens

Re: Clay Creek Federal 11-32
Section 32-T34S-R2W
Garfield County, Utah

Gentlemen:

Attached please find Form 9-330 (2 copies) Well Completion Report and Form 9-331, Sundry Notices and Reports on Wells (2 copies) for the referenced well. Champlin is treating this well as a "tight hole" and would appreciate your assistance in keeping the attached data confidential.

If you require any further information, please do not hesitate to call me at (303) 779-0079, Ext. 765.

Very truly yours,

Ramona J. Rhoden
Sr. Engineering Aide

RJR/cm

cc: Utah Division of Oil, Gas & Mining
1588 West, North Temple
Salt Lake City, Utah 84116
Attn: Sandy Bates



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

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

May 26, 1982

Champlin Petroleum Company
P. O. Box 1257
Englewood, Colorado 80150

Re: Well No. Clay Creek Federal #11-32
Sec. 32, T. 34S, R. 2W.
Garfield County, Utah

Gentlemen:

According to our records, a "Well Completion Report" filed with this office July 28, 1981, from above referred to well, indicates the following electric logs were run: BHC Sonic, DIL, CNL. As of today's date, this office has not received these logs.

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.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS AND MINING

A handwritten signature in cursive script that reads "Cari Furse".

Cari Furse
Clerk Typist



A Subsidiary of
Union Pacific Corporation

June 18, 1982

State of Utah
Natural Resources and Energy
Oil and Gas Mining
4241 State Office Building
Salt Lake City, Utah 84114

Attn: Cari Furse

Re: Clay Creek Federal #11-32
Section 32-T34S-R2W
Garfield County, Utah

Dear Ms. Furse:

In response to your letter dated May 25, 1982, please be advised that logs were not run on the above-mentioned well. Apparently it was reported incorrectly that they were. We had to whipstock this well four or five times and several tools were lost in hole. Consequently logging would be futile.

Very truly yours,

Joy L. Daniel
Engineering Assistant

JLD/cm

RECEIVED

JUN 24 1982

DIVISION OF
OIL, GAS & MINING



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

January 31, 1986

TO: Jean Doutre, Oil and Gas Field Specialist
FROM: Dorothy Swindel, Oil and Gas Field Specialist *DS*
RE: Garfield County Inspections

The attached information concerns inspections which I conducted in Garfield County. The list includes 16 plugged and abandoned wells which require no further inspections. The file folder contains some of the more recently plugged wells in the county, but certainly does not contain all the plugged wells in Garfield County. This material was compiled to assist you in your inspections of that area, and prevent any repetitious inspections. All producing and/or shut-in wells will need their yearly inspection this summer.

ATTACHMENT 1

RIMROCK MINING INC.
Poison Canyon Federal #1
Sec.5, T.31S, R.12E,

EVERGREEN OIL COMPANY
Poison Springs Unit #2
Sec.4, T.31S, R.12E,

TENNECO OIL COMPANY
USA Poison Springs A #2
Sec.4, T.31S, R.12E,

TENNECO OIL COMPANY
USA Poison Springs Core Hole #1
Sec.4, T.31S, R.12E,

TENNECO OIL COMPANY
Poison Springs A #1
Sec.4, T.31S, R.12E,

GREAT WESTERN DRILLING COMPANY
Dirty Devil #1
Sec.5, T.31S, R.12E,

SKYLINE OIL COMPANY
Federal #12-44
Sec.12, T.33S, R.2E,

PHILLIPS PETROLEUM COMPANY
Escalante #1
Sec.32, T.32S, R.3E,

CHAMPLIN PETROLEUM COMPANY
Clay Creek Federal 11-32
Sec.32, T.34S, R.2W,

TIDEWATER OIL COMPANY
Johns Valley 41-27
Sec.27, T.35S, R.2W,

HAMILTON BROTHERS OIL COMPANY
Johns Valley #1
Sec.22, T.35S, R.2W,

CALIFORNIA COMPANY
Johns Valley #2
Sec.22, T.35S, R.2W,

SOUTH LOUISIANA PRODUCTION COMPANY
Clay Creek Federal 13-29
Sec.29, T.34S, R.2W,-

RA.