

UTAH OIL AND GAS CONSERVATION COMMISSION

✓

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

* Location Abandoned - Well never drilled - 3-4-83

DATE FILED 3-5-80

LAND: FEE & PATENTED _____ STATE LEASE NO. ML-22347 PUBLIC LEASE NO. _____ INDIAN _____

DRILLING APPROVED: 3-7-80

SPUDDED IN:

COMPLETED: _____ PUT TO PRODUCING: _____

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION: 5553' GR

DATE ABANDONED: LA 3-4-83

FIELD: ~~Wildcat~~ 3/86 Lone Field

UNIT: Love Unit

COUNTY: Uintah

WELL NO. Love Unit #1-2-11-21

API NO. 43-047-30677

LOCATION 1120' FT. FROM (S) LINE, XX 1320' FT. FROM (W) LINE, XX SW SW 1/4 - 1/4 SEC. 2

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				<u>11S</u>	<u>21E</u>	<u>2</u>	<u>COTTON PETROLEUM CORP.</u>

FILE NOTATIONS

Entered in N I D File _____
Entered On S R Sheet _____
Location Map Pinned _____
Card Indexed _____
I W R for State or Fee Land _____

Checked by Chief _____
Copy N I D to Field Office _____
Approval Letter _____
Disapproval Letter _____

COMPLETION DATA:

Date Well Completed _____ Location Inspected _____
OW _____ WW _____ TA _____ Bond r.d. _____
GW _____ OS _____ PA _____ Stat. s Fee Land _____

LOGS FILED

Driller's Log _____
Electric Logs (No.) _____
E _____ I _____ E-I _____ GR _____ GR-N _____ Micro _____
Lat. _____ Mi-L _____ Sonic _____ Others _____

CH/P
08/03/92

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Utah State Lease # **13**

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
 Cotton Petroleum Corporation

3. ADDRESS OF OPERATOR
 717 17th Street, Suite 2200, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface
 1320' FWL, 1120' FSL, Section 2, T11S-R21E
 At proposed prod. zone (SW SW)

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

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 1120'

16. NO. OF ACRES IN LEASE
 640

17. NO. OF ACRES ASSIGNED TO THIS WELL
 640

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

19. PROPOSED DEPTH
 8000' *Mesaverde*

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5553' GR

22. APPROX. DATE WORK WILL START*
 March 15, 1980

5. LEASE DESIGNATION AND SERIAL NO.
 ML-22347

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
 Love Unit

8. FARM OR LEASE NAME
 N/A

9. WELL NO.
 1-2-11-21

10. FIELD AND POOL, OR WILDCAT
 Wildcat

11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA
 Sec. 2-11S-21E

12. COUNTY OR PARISH
 Uintah

13. STATE
 Utah

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13-3/8"	48#	300'	350 sx, circ to surf
12 1/4"	8-5/8"	24#	2500'	500 sx, circ to surf
7-7/8"	4 1/2"	10.5#, 11.6#	8000'	1000 sx

Drill 8000' Mesaverde test. Drill 17 1/2" surface hole to 300' with native brine water to clean hole, set 13-3/8" casing and cement to surface. Wait on cement 12 hours. Pressure test casing and BOP to 1000 psi before drilling out, test BOP operation daily and record. Drill 12 1/4" hole to 2500' with brine water to clean hole, set 8-5/8" casing with 500 sacks of cement. Wait on cement 12 hours, pressure test casing and BOP to 1000 psi before drilling out. Drill 7-7/8" hole to 8000' with brine water to 3900' and with a polymer brine water from 3900' to 8000'. Mud weight will be 9.4 to 10.4 lbs per gallon. Evaluate well by sample analysis and electric logs. Run 4 1/2" casing if a commercial well is expected.

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

24. SIGNED [Signature] TITLE Division Production Manager DATE February 26, 1980

(This space for Federal or State office use)

PERMIT NO. 43-047-30677 APPROVAL DATE 6 Mar 1980

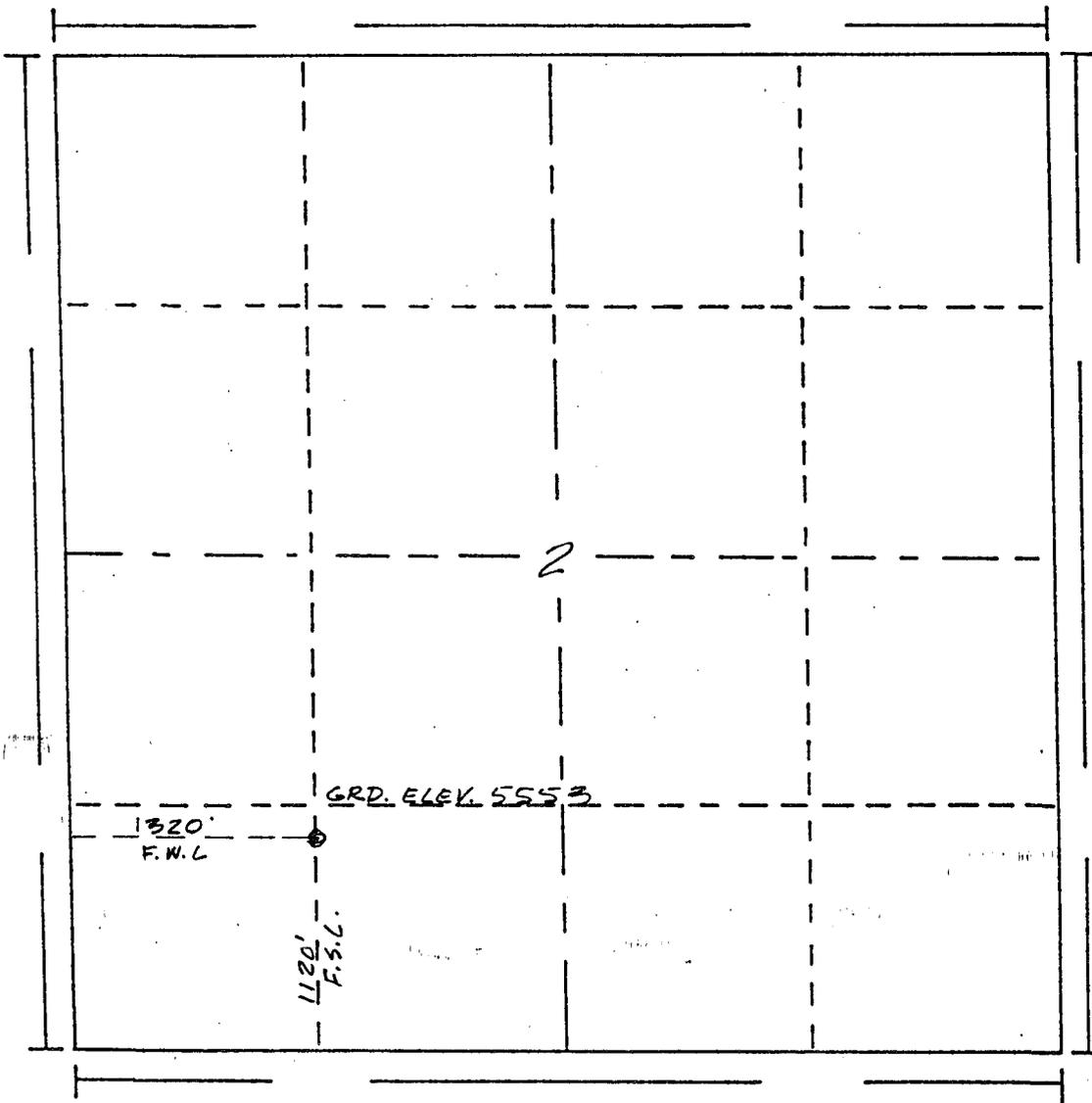
APPROVED BY _____ TITLE _____ DATE MAR 5 1980

CONDITIONS OF APPROVAL, IF ANY:

DIVISION OF OIL, GAS & MINING



R. 21E.



Scale... 1" = 1000'

Powers Elevation of Denver, Colorado
 has in accordance with a request from STEVE ZAMETS
 for COTTON PETROLEUM
 determined the location of #1-2-11-21 LOVE UNIT
 to be 1120 F.S.L., 1320' F.W.L OF Section 2 Township 11S.
 Range 21E. OF THE SALT LAKE BASE AND Meridian
 UINTAH County, UTAH

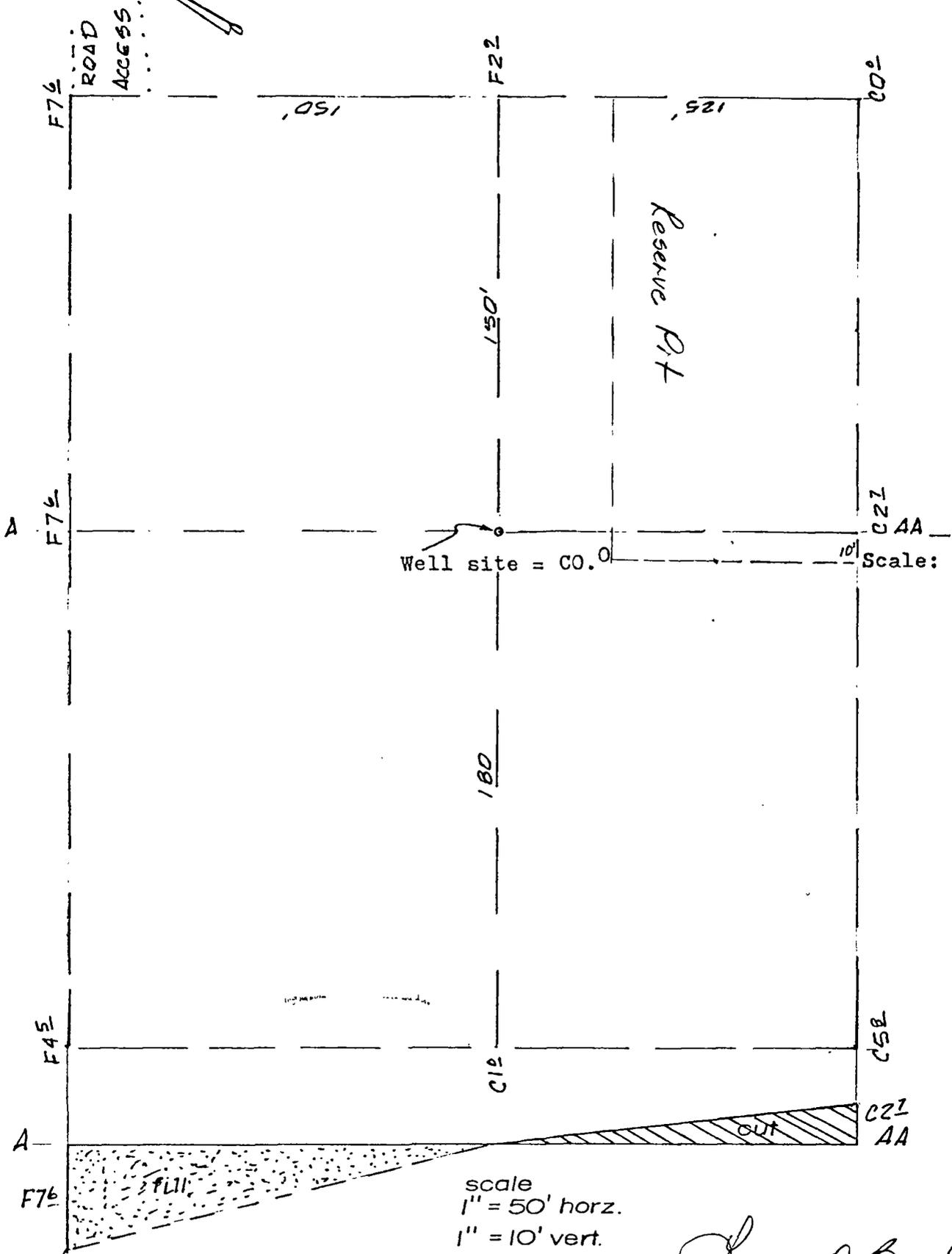
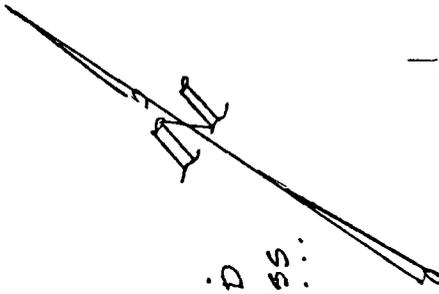
I hereby certify that this plat is an
 accurate representation of a correct
 survey showing the location of
 #1-2-11-21 LOVE UNIT

Date: 2-19-80

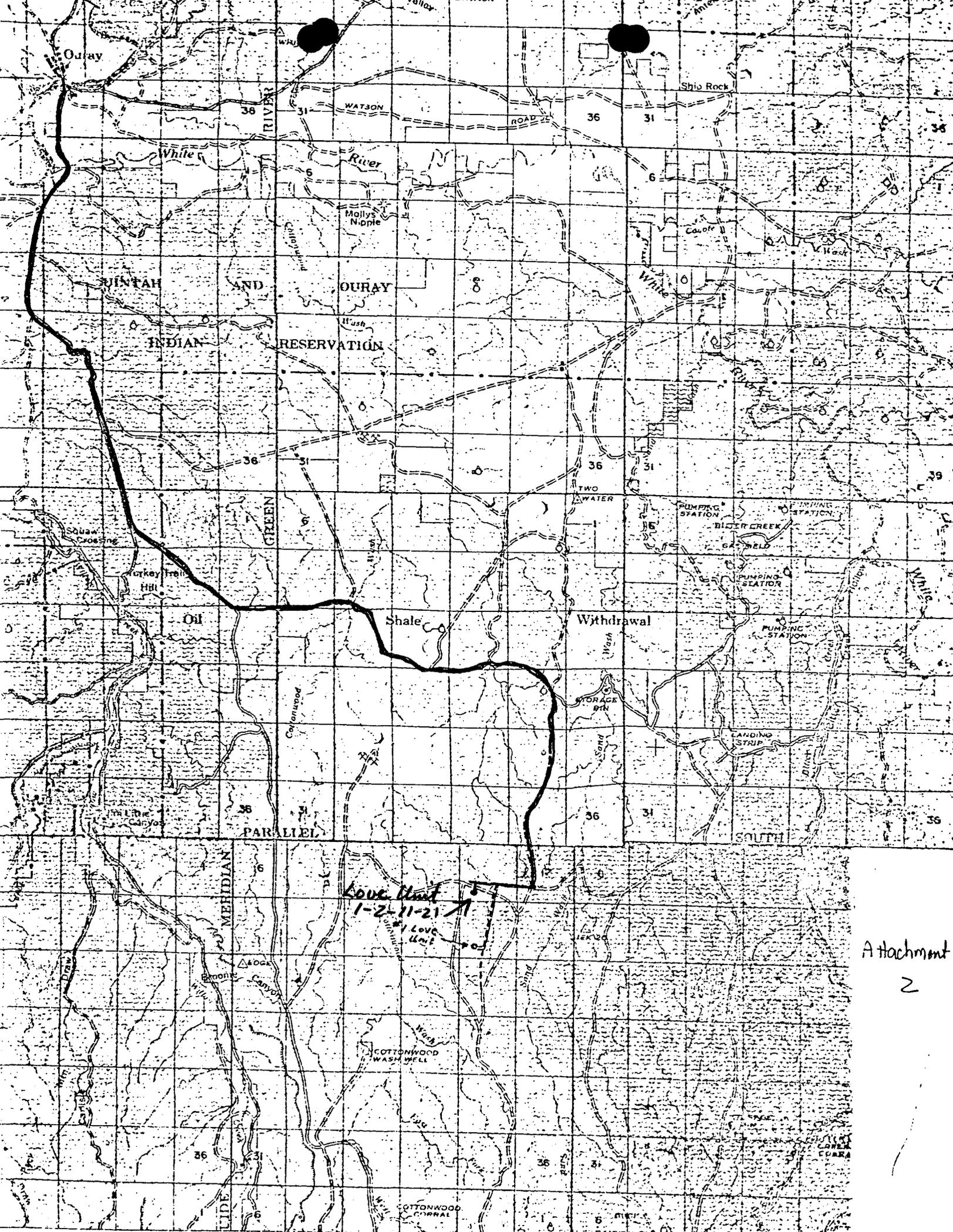
Harry Al Becker
 Licensed Land Surveyor No. 4189
 State of UTAH

TOPOGRAPHIC MAP

COHON PETROLEUM
#1-2-11-21 LOVE UNIT
SEC. 2, T. 11S., R. 21E.
UINTAH COUNTY, UTAH



by: *Jerry D. Becker*
Powers Elevation Company, Inc.



Ouray

Ship Rock

White River

JINTAH AND OURAY

INDIAN RESERVATION

Turkey Trail Hill

Oil

Shale

Withdrawal

PARALLEL

MERIDIAN

*Love Unit
1-2-11-21*

COTTONWOOD WASH WELL

COTTONWOOD CORRAL

PUMPING STATION

PUMPING STATION

BIG CREEK

PUMPING STATION

PUMPING STATION

PUMPING STATION

STORAGE PIT

LANDING STRIP

Attachment

2

COTTON PETROLEUM
Love Unit #1-2-11-21
1120' FSL, 1320' FWL
Sec. 2, T11S, R21E
Uintah Co., Utah

ACCESS ROAD

The distance from Ouray, Utah to the proposed site is 21.4 miles. From Ouray, proceed south on paved road a distance of 6.7 miles to the end of the pavement; thence, continuing south on gravel road a distance of 1.8 miles to a junction; thence, southeast, continuing on gravel road a distance of 2.3 miles to a junction; thence, east, continuing on gravel road a distance of 3.8 miles to a junction; thence, continuing east on gravel road a distance of 2.1 miles to the C.I.G.E. Natural Buttes Unit graded access road; thence, south a distance of 1.1 miles; thence, continuing south on a trail which will require up-grading a distance of 2.6 miles; thence, west continuing on trail a distance of 1.0 mile; thence, south into well.

** FILE NOTATIONS **

DATE: March 6, 1980

Operator: Cotton Petroleum Corporation

Well No: Lower Unit # 1-2-11-21

Location: Sec. 2 T. 11S R. 21E County: Uintah

File Prepared:

Entered on N.I.D.:

Card Indexed:

Completion Sheet:

API Number 43-047-30677

CHECKED BY:

Geological Engineer: _____

Petroleum Engineer: _____

Director: _____

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 St. (Sec.) Unit

Plotted on Map

Approval Letter Written
Wtm

Unit approval

*he
PI*

March 7, 1980

Cotton Petroleum Corporation
717 17th Street, Suite 2200
Denver, Colorado 80202

Re: Well No. Love Unit #1-2-11-21
Sec. 2, T. 11S, R. 21E.,
Uintah County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-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
Geological 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 43-047-30677.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder
Geological Engineer

/b:tm

cc: USGS
Donald Prince

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Utah State Lease #

5. LEASE DESIGNATION AND SERIAL NO.

ML-22347

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Love Unit

8. FARM OR LEASE NAME

N/A

9. WELL NO.

1-2-11-21

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 2-11S-21E

12. COUNTY OR PARISH 13. STATE

Uintah

Utah

DUPLICATE

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

Cotton Petroleum Corporation

3. ADDRESS OF OPERATOR

717 17th Street, Suite 2200, Denver, Colorado 80202

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

At surface

1320' FWL, 1120' FSL, Section 2, T11S-R21E

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

21.4 miles SE of Ouray, Utah

15. DISTANCE FROM PROPOSED*

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

1120'

16. NO. OF ACRES IN LEASE

640

17. NO. OF ACRES ASSIGNED TO THIS WELL

640

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

N/A

19. PROPOSED DEPTH

8000'

20. ROTARY OR CABLE TOOLS

Rotary

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

5553' GR

22. APPROX. DATE WORK WILL START*

March 15, 1980

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13-3/8"	48#	300'	350 sx, circ to surf
12 1/4"	8-5/8"	24#	2500'	500 sx, circ to surf
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24. SIGNED [Signature] TITLE Division Production Manager DATE February 26, 1980

(This space for Federal or State office use)

PERMIT NO. [Signature] APPROVAL DATE JUN 30 1980
FOR E. W. GUYNN
TITLE DISTRICT ENGINEER DATE JUN 30 1980

NOTICE OF APPROVAL

APPROVED FOR UNIT PURPOSES ONLY

Instructions On Reverse Side

FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A DATED 1/1/80

Ut. STATE 046

October 30, 1980

Cotton Petroleum Corp.
717 17th St., suite #2200
Denver, Colo. 80202

RE: Well No. Love Unit #1-2-11-21
Sec. 2, T. 11S, R. 21E,
Uintah County, Utah

Well No. Love Unit #4-1
Sec. 4, T. 11S, R. 21E,
Uintah, County, Utah

Gentlemen:

In reference to ~~above~~ mentioned well (s), considerable time has gone by since approval was obtained ~~from~~ ~~this~~ office.

This office has not received any notification of spudding, If you do not intend to drill ~~the~~ well (these wells), please notify ~~this~~ Division. If spudding ~~or~~ any other activity has taken place, please send necessary forms. If you plan to drill this location at a later date, please notify as ~~such~~.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

Debbie Beauregard
DEBBIE BEAUREGARD
CLERK-TYPIST

Cotton Petroleum Corporation

A United Energy Resources, Inc. Company

717-17th Street Energy Center One—Suite 2200, Denver, Colorado 80202 (303) 893-2233



RECEIVED

November 6, 1980

NOV 10 1980

DIVISION OF
OIL, GAS & MINING

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

Attn: Debbie Beauregard

RE: Love Unit 1-2-11-21
Section 2-T11S-R21E
Uintah County, Utah
Love Unit 4-1
Section 4-T11S-R21E
Uintah County, Utah

Dear Ms. Beauregard:

In reference to the above captioned wells Cotton Petroleum Corporation was not able to drill them this year due to budgetary restrictions. It is Cotton Petroleum Corporations' intensions to drill these two wells in the last half of 1981. If you require any further information , please contact Mr. Glenn A. Garvey at 303-893-2233.

Thank you for your attention in this matter.

Sincerely,

COTTON PETROLEUM CORPORATION

DE Wood / GAG

D. E. Wood
Division Production Manager

GAG/tg

December 28, 1981

Cotton Petroleum Corporation
717 17th Street, suite #2200
Denver, Colorado 80202

Re: ~~See~~ attached

Gentlemen:

On reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND
MINING



Cari Furse
Clerk Typist

MINI

Cotton Petroleum Corporation
A United Energy Resources, Inc. Company

717-17th Street Energy Center One—Suite 2200, Denver, Colorado 80202 (303) 893-2233



January 5, 1982

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

Attn: Cari Furse

Re: See Attached

Dear Ms. Furse:

Regarding your letter of December 28, 1981, on the above mentioned wells, Cotton Petroleum Corporation has not spudded them as of yet. We hope to have them our our 1982 drilling program.

Should you need any further information, please contact us.

Sincerely,

COTTON PETROLEUM CORPORATION

A handwritten signature in cursive script, appearing to read 'D. E. Wood'.

D. E. Wood
Division Production Manager

TG

RECEIVED
JAN 07 1982

DIVISION OF
OIL, GAS & MINING

Love Unit 1-2-11-21
Section 2 T11S, R21E
Uintah County, Utah

Love Unit B3-9
Section 9 T11S, R21E
Uintah County, Utah

Love Unit C1-14
Section 14 T11S, R21E
Uintah County, Utah

Love Unit 1-17
Section 17 T11S, R21E
Uintah County, Utah

Love Unit 1-23
Section 23 T11S, R21E
Uintah County, Utah



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

March 1, 1983

Cotton Petroleum Corporation
750 Ptarmigan Place
3773 Cherry Creek Drive North
Denver, Colorado 80209

Re: Well No. Poplar # 1-9
Sec. 9, T. 13S, R. 17E.
Carbon County, Utah

Well No. Little Desert Unit # 1-28
Sec. 28, T. 10S, R. 18E.
Duchesne County, Utah

Well No. Love Unit # 1-2-11-21
Sec. 2, T. 11S, R. 21E.
Uintah County, Utah

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill these locations at a later date, please notify as such.

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 acknowledgement should avoid unnecessary mailing of a firm second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

DIVISION OF OIL, GAS AND MINING

Cari Furse
Well Records Specialist

CF/cf

Cotton Petroleum Corporation
A United Energy Resources, Inc. Company

750 Plarmigan Place/3773 Cherry Creek Drive North/Denver, CO 80209/(303) 355-0101



March 4, 1983

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

Attn: Cari Furse

Re: Popplar #1-9
Section 9 T13S, R17E
Carbon County, Utah

Little Desert 1-28
Section 28 T10S, R18E
Duchesne Cty, Utah

Love Unit 1-2-11-21
Section 2 T11S, R21E
Uintah County, Utah

Love Federal 1-4
Section 4 T11S, R20E
Uintah County, Utah

Dear Ms. Furse:

In referenced to your letters of March 1, 1983, regarding the above referenced wells. The Popplar #1-9 will not be drilled in the near future, please return the APD and the road and gas-line Right-of-Way Applications, unapproved, to our office.

There are no plans in the near future to drill the Little Desert 1-28 and the Love Unit 1-2-11-21, therefore, please rescind the Applications.

The Love Federal 1-4 was never drilled, therefore, no Monthly Report of Operations have been sent.

If you have any further questions, please call me.

Sincerely,

COTTON PETROLEUM CORPORATION

Teri Greenhalgh
Engineering Tech

MAR 08 1983

DIVISION OF

Well No. Love Unit 1-2-11-21
Sec. 2, T. 11S, R. 21E
Uintah County, Utah

Well No. Love Unit #B 3-9
Sec. 9, T. 11S, R. 21E
Uintah County, Utah

Well No. Love Unit C1-14
Sec. 14, T. 11S, R. 21E
Unitah County, Utah

Well No. Love Unit #1-17
Sec. 17, T. 11S, R. 21 E.
Unitah County, Utah

Well No. Love Unit # 1-23
Sec. 23, T. 11S, R. 21E.
Unitah County, Utah