

**FILE NOTATION<sup>2</sup>**

Entered in NID File \_\_\_\_\_

Entered On S R Sheet \_\_\_\_\_

Location Map Placed \_\_\_\_\_

Card Indexed \_\_\_\_\_

IWR for State or Fee Land \_\_\_\_\_

Checked by Chief \_\_\_\_\_

Copy NID to Field Office \_\_\_\_\_

Approval Letter \_\_\_\_\_

Disapproval Letter \_\_\_\_\_

**COMPLETION DATA:**

Date Well Completed \_\_\_\_\_

OW \_\_\_\_\_ WW \_\_\_\_\_ TA \_\_\_\_\_

GW \_\_\_\_\_ OS \_\_\_\_\_ PA \_\_\_\_\_

Location Inspected \_\_\_\_\_

Bond released \_\_\_\_\_

State of Fee Land \_\_\_\_\_

**LOGS FILED**

Driller's Log \_\_\_\_\_

Electric Logs (No. ) \_\_\_\_\_

E \_\_\_\_\_ I \_\_\_\_\_ Et \_\_\_\_\_ GR \_\_\_\_\_ GR-N \_\_\_\_\_ Micro \_\_\_\_\_

Lat \_\_\_\_\_ MSL \_\_\_\_\_ Seals \_\_\_\_\_ Others \_\_\_\_\_



May 20, 1980

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

Re: Love Unit #A1-18  
SW Sec 18-11S-22E  
Uintah County, Utah  
NTL-6 Information for APD

Dear Sir:

1. Surface Formation - Tertiary/Uinta
2. Estimated Tops: Wasatch 3750'  
Mesaverde 6150'
3. Estimated Depth of Fluids or Hydrocarbons:
  - a. Surface waters: above 2500'
  - b. Wasatch: gas and condensate
  - c. Mesaverde: gas and condensate
4. Surface casing: approximately 200' of 13-3/8" H40, 48#, new, cemented with 200 sacks regular cement plus lost circulation material and calcuim chloride.  
  
Intermediate casing: approximately 2500' of 8-5/8", J-55, 24#, new, cemented with 500 sacks of Pozmix cement with thinner/retarder, fluid loss, and lost circulation additive.  
  
Long String of casing: 4 1/2", 11.6#, N-80 new cemented with 1000 sacks Pozmix cement with thinner/retarder, fluid lost circulation additives.
5. Wellhead Equipment (see Attachment #1)
  - a. 3000# W.P., 6000# test series, 900 casing head and double ram blow-out preventer. ✓
  - b. Nominal 10" casing head and blow-out preventer with 10" flanges.
  - c. See Attachment #1 for 2" fill-up flare line hookup.
  - d. Pressure test wellhead, blow-out preventer, and surface casing to 1000 psig for 30 minutes with maximum 100 psig loss of pressure prior to drilling out from under surface casing.

- e. Test operate pipe rams once each twenty-four hours and both pipe rams and blind rams each trip out of hole, and record on driller's tour report.
6. Drilling Fluid:
- a. Surface hole: Native brine water, wt. 8.5-8.6, vis 30-35
  - b. Under surface to 2500': Brine water, wt. 9.0-9.5, vis 32-38.
  - c. 2500'-6200': Brine water as in "b" above.  
6200'-6400': Brine water with additives to obtain the following properties: wt. 9.4-10.4, vis 32-38, sl 5-15 c.c.
  - d. 400 barrel steel surface pits.
  - e. No formation gradient higher than 0.5 psi per foot is expected.
7. Auxiliary Equipment:
- At top of Wasatch, the following equipment will be installed:
- a. Rotating Head
  - b. Stabbing sub and full opening valve on the floor
8. Testing and Logging:
- All potential reservoirs listed in "3" above will have drill cuttings and mud examined by a wellsite geologist for shows of oil and gas. An electric logging program of Induction-Laterlog/SP, Gamma Ray/Caliper and CNL-FDC will be run for depth control of all formations, porosity, and saturation determinations. A DST of the Mesaverde will be used if additional evaluation is required. Completion attempt will be made in the Wasatch with a fracture stimulation consisting of 110,000 gallons gel water and 131,000# 20-40 sand.
9. Pressures and Temperatures:
- No abnormal pressures or temperatures have been encountered in nearby wells. No hydrogen sulfide has been found in daily mud checks or produced fluids.
10. The well will be started on approximately 7-1-80 and will require six weeks for drilling plus required time for evaluation of potential reservoirs (testing, logging) and any difficulties encountered by the drilling rig.

Very truly yours,

COTTON PETROLEUM CORPORATION

  
D. E. Wood  
Division Production Manager

DEW/pkh  
Attachments

## Surface Use & Operations Plan

### 1. Existing Roads:

Access from the Town of Ouray is shown on the attached map (Attachment #2). The route to the well is color-coded in red and described on Attachment #3. The lease road is graded and capable of full load capacity; no additional road preparation is needed during operations except for road grading.

### 2. Access Roads:

800 feet of road construction is proposed for the drilling operation. During drilling, the access road will be improved consistent with the existing lease roads; single lane, 16' width, 10% max. grade, drainage ditch on uphill side, 4:1 slope with diversion away from the road as required on downhill slope exceeding 2% grade.

### 3. Location of Existing Wells:

All existing wells are shown on the topograph map on Attachment #4.

### 4. Location of Existing and/or Proposed Facility:

There are no tank batteries, production facilities or lease pipelines on the lease. If production is encountered, tank batteries and production equipment will be located at the north edge of the well mat and fenced. All flow lines are to be constructed on the well mat on top of the ground (refer to Attachment #5 for tank battery location in reference to the well). In the event the well is non-productive, all unused portions of the well pad will be restored to natural conditions.

### 5. Water Supply:

Water for drilling the subject well will be supplied from a water well to be applied for and drilled on the pad.

### 6. Construction Materials:

All road and location material will be found on location.

7. Methods of Handling Waste Disposal:

Well cuttings will be disposed in a reserve pit. Garbage will be collected in pits fenced with small mesh wire during drilling and completion procedures. All detrimental waste will be hauled away, burned or buried with a minimum coverage of 24" of dirt (see Attachment #5 for location of trash pits). If well is productive, maintenance waste will be placed in special trash cans and hauled away periodically. Any produced water will be collected in tanks until hauled to an approved disposal system. No waste water pits will be constructed without prior approval of U.S.G.S. Human wastes will be collected in a sanitary toilet facility with wastes being buried in a pit with minimum coverage of 24" of dirt.

8. Temporary living trailers will be located on the North edge of the well pad. This will include trailers for the rig tool pusher, the consulting engineer and mud loggers.

9. Wellsite Layout:

Refer to Attachment #5 for direction orientation access.

- a. Mat Size - 275 x 330
- b. Cut and Fill - (see Attachment #5 for cut and fill)
- c. Surface - Will be blanded, watered, and compacted.
- d. Reserve Pit - Will be 110 x 205 joining well mat on the South.
- e. Drillsite Layout - Attachment #5 shows position of mat reserve pits, trash pits and mud pits in relation to well. Rig will be erected with V-Door looking West.
- f. Center line of planned access road has been staked and a 400' square around wellsite has been staked with flags at each corner.

10. Restoration of Surface:

If well is productive, pits will be back-filled and leveled as soon as drying permits. All plastic waste material will be removed or buried with at least 24" of cover. At the time of final abandonment, the roadway as well as pad will be restored to natural conditions.

11. Other Information:

- a. Topography - Land is gently sloping to the Northwest as shown by the topographic map in Attachment
- b. Soil - The soil is very shallow, rocky top soil.
- c. Vegetation - The vegetation is generally sparse and consists primarily of native grasses. Wildlife in the area is that typical of semi-arid land which includes coyotes, rabbits, rodents, reptiles, and quail. The area will be reseeded after drilling is complete.
- d. Ponds and Streams - There are no rivers, streams, lakes or ponds in the area.
- e. Residences and Other Structures - There are no buildings of any type within a radius of 2 miles of the proposed well.
- f. Surface Use - Grazing and hunting.
- g. Effect on Environment - Drillsite is located in a low environmental risk area. A total effect in drilling and producing this and other wells in this area would be minimal.
- h. Surface Ownership - The proposed drillsite is on federal surface. All proposed roads are on federal surface.
- i. Open Pits - All pits containing mud or other liquids will be fenced. Reserve pits will be fenced on three sides during drilling and the fourth side afterwards.
- j. Well Signs - Signs identifying and locating the well will be maintained at drillsite commencing with the spudding of the well.

12. Operator's Representatives:

Field personnel who can be contacted concerning compliance with the surface use plan are as follows:

Gary Cooper

phone

Mobile:

(307) 682-5603

Surface Use & Operations Plan

Page 4

D. E. Wood  
Denver, Colorado  
Office phone:  
Home phone:

(303) 893-2233  
(303) 773-2722

Steve Zamets  
Denver, Colorado  
Office phone:  
Home phone:

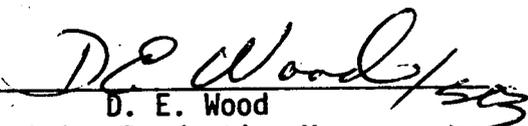
(303) 893-2233  
(303) 794-0494

Glenn Garvey  
Denver, Colorado  
Office phone:  
Home phone:

(303) 893-2233  
(303) 979-3714

13. Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Cotton Petroleum Corporation, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

  
\_\_\_\_\_  
D. E. Wood  
Division Production Manager



February 20, 1980

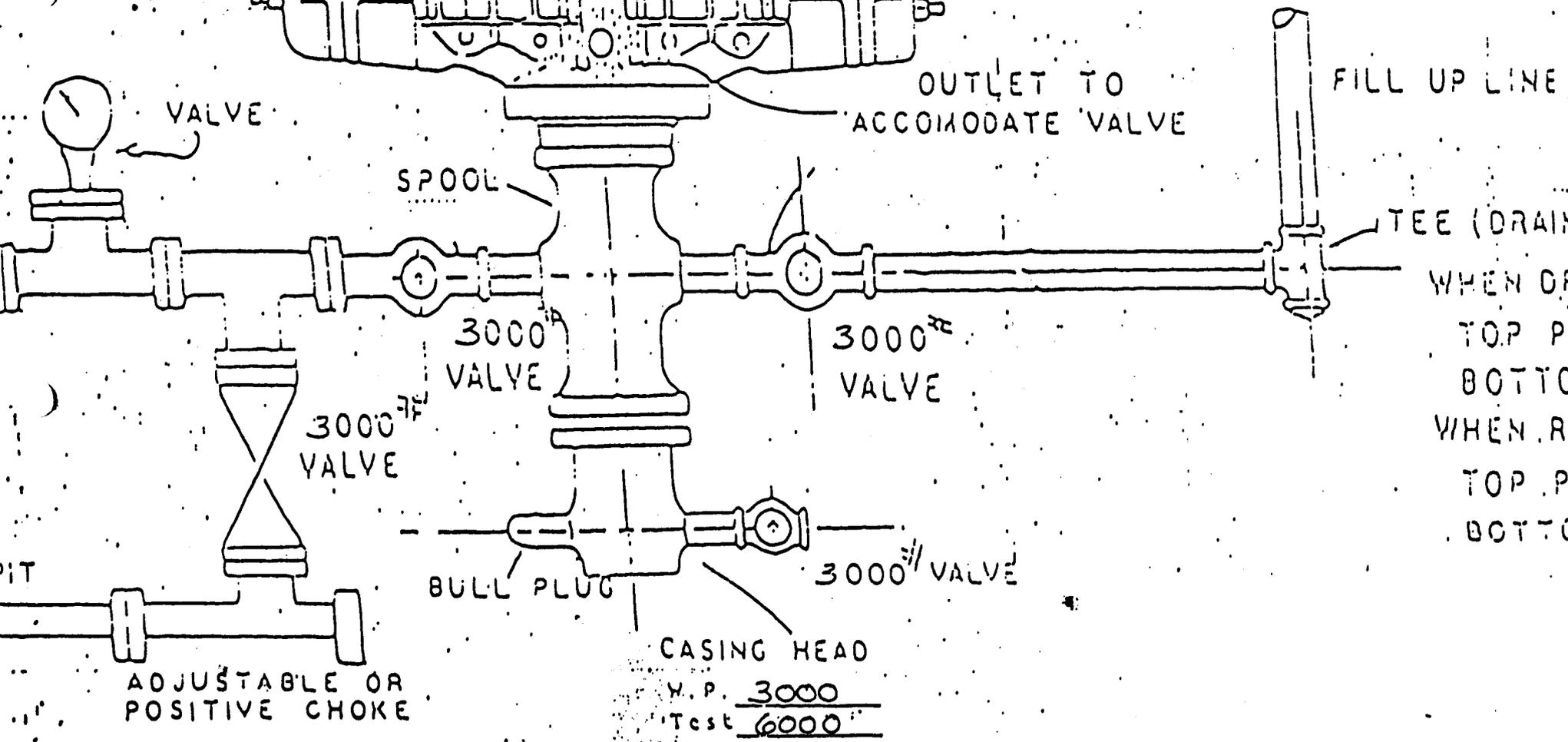
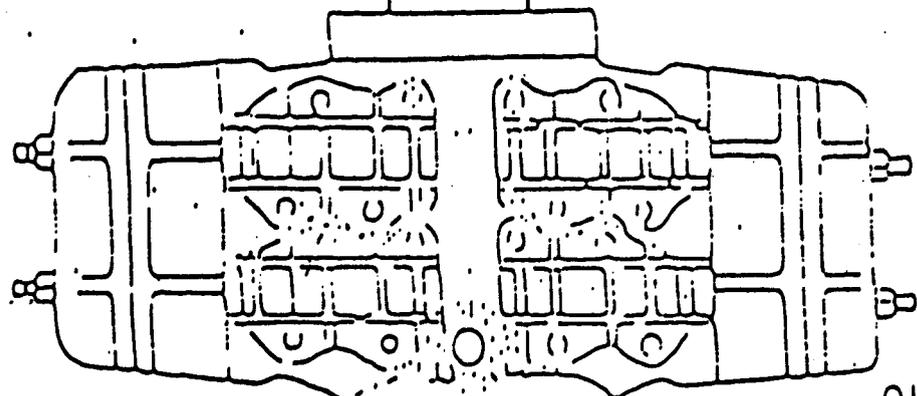


Directions to COTTON PETROLEUM location #4-18 Love Unit:

Beginning at the Post Office in downtown Vernal, Utah, go Westerly on U.S. Highway 40 for 14 miles to its intersection with Utah Highway 88; turn left and go Southerly on Utah Highway 88 past Pelican Lake (7.1 miles) and Ouray (another 9.5 miles) and continue on an additional 9.2 miles to an intersection; turn left onto a dirt road (Seep Ridge Road) and go 2.3 miles to a "y" intersection; turn left and travel 5.4 miles to a fork; turn right (keep left at the next fork, just a few yards ahead) and travel 5.2 miles to a fork; turn right and go 0.6 mile to another fork; turn right again and go 1.2 miles to another fork; turn right (intersection flagged) and continue on that jeep road (flagged) for 4.9 miles to the location site, which is 0.1 mile off the road on the right.

*Attachment 3*

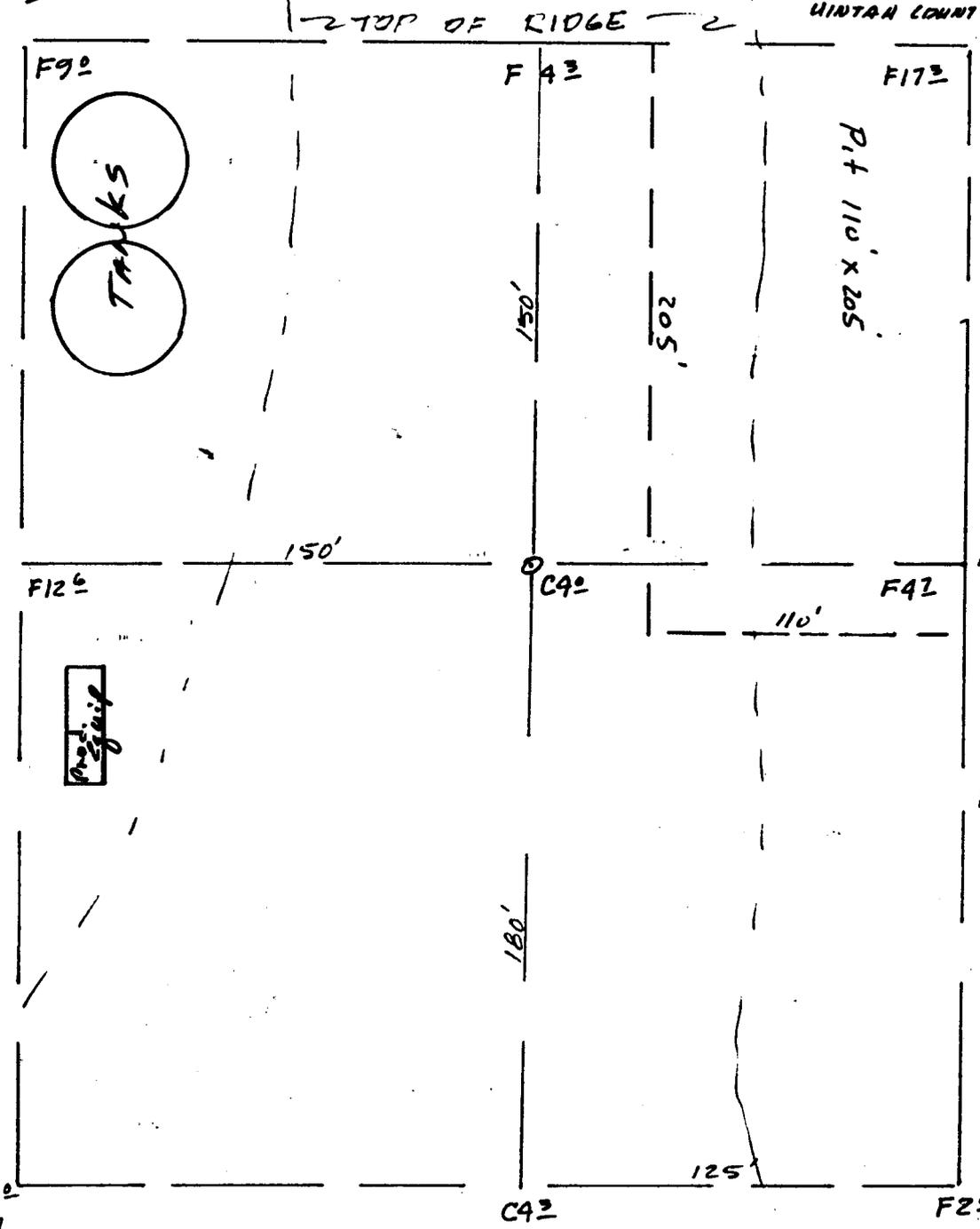
5000 #  
HYDRIL



Attachment #1

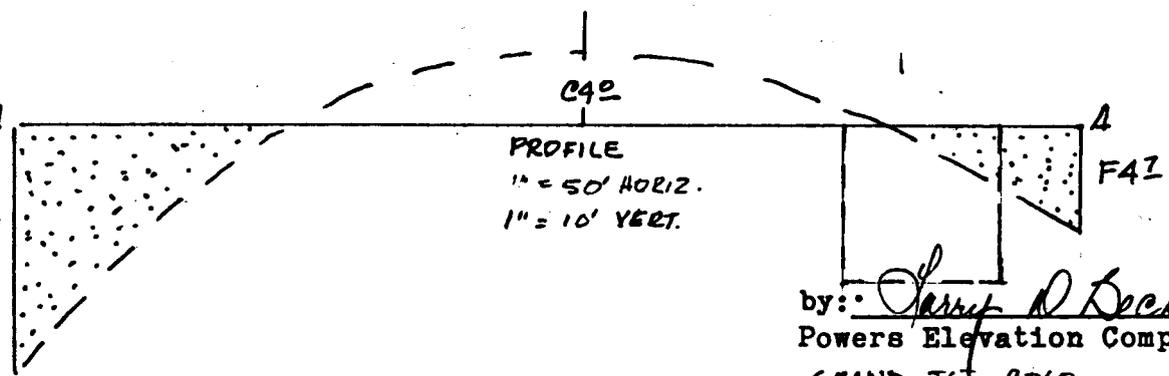
TOPOGRAPHIC MAP

CONON PETROLEUM  
#4-18. LOUENRIT  
SEC. 18, T. 11S., R. 22E.  
HINTON COUNTY, MTN



Scale: 1" = 50'

ACCESS ROAD.



by: Garret D. Becker  
Powers Elevation Company, Inc.  
GRAND JCT., COLO.

Attachment 5

**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  
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  
1345' FWL, 1150' FSL, Section 18 SE SW  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
19.7 miles SE of Ouray

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)  
1150'

16. NO. OF ACRES IN LEASE  
2560

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.  
Mesaverde

19. PROPOSED DEPTH  
6400'

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
5796' GR

22. APPROX. DATE WORK WILL START\*  
7-1-80

**23. PROPOSED CASING AND CEMENTING PROGRAM**

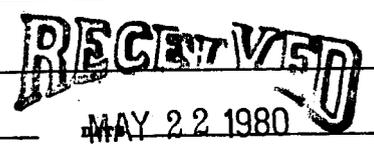
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48#	200'	140 sacks <i>CIRC. TO SURF.</i>
12-1/4"	8-5/8"	24#	2500'	500 sacks
8-3/4"	4-1/2"	11.6#	6400'	1000 sacks

Drill 6400' Mesaverde test. Drill 17-1/2" surface hole to 200' 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 8-3/4" hole to 6400' with brine water to 6200' and with a polymer brine water from 6200' to 6400'. 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 D. Wood TITLE Division Production Manager DATE May 20, 1980

(This space for Federal or State office use)  
 PERMIT NO. 43-047-30706 APPROVAL DATE 5/23/80



APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:

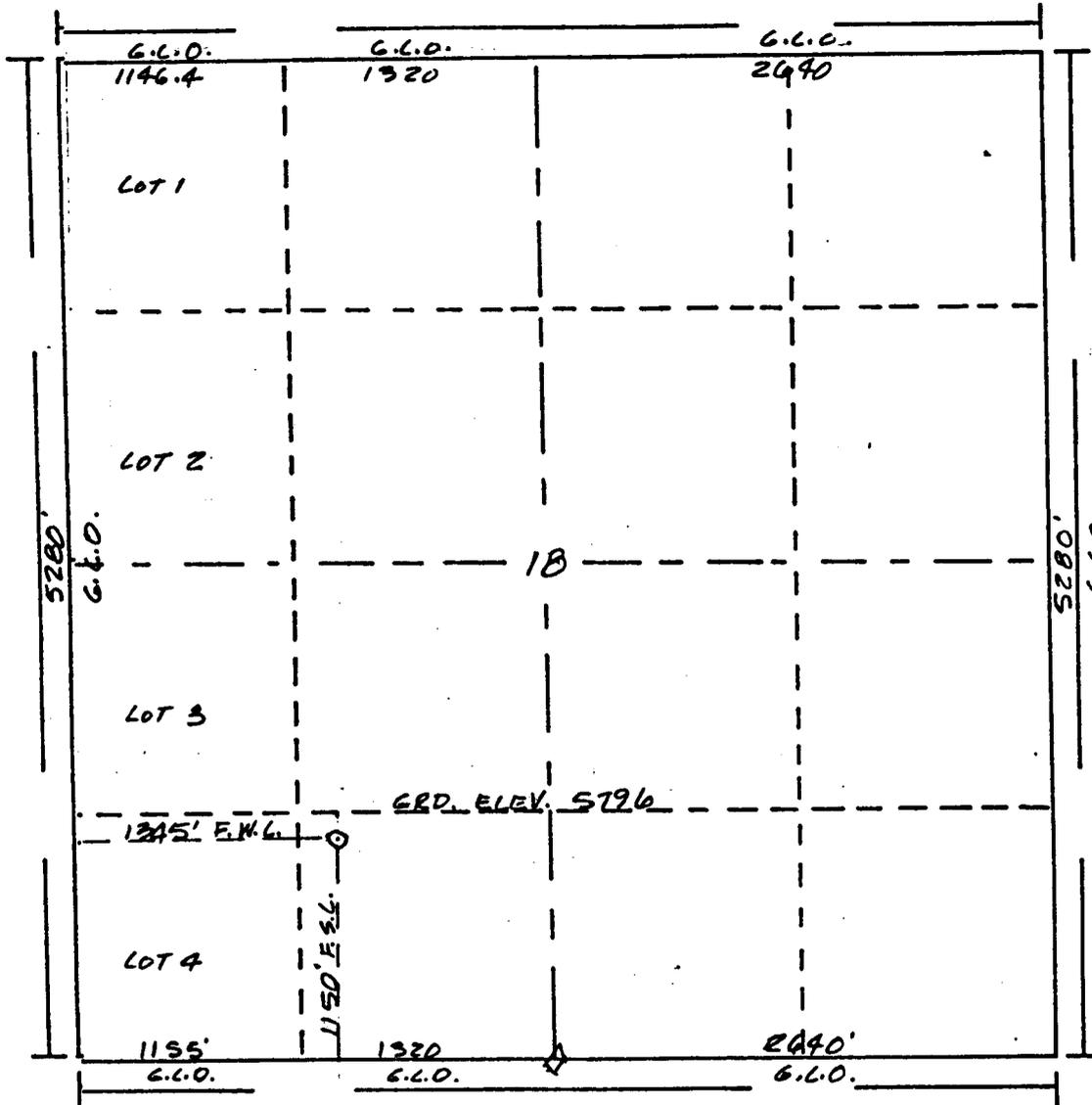
APPROVED BY THE DIVISION OF OIL, GAS, AND MINING  
 DATE: 5-23-80  
 BY: M. J. Wanda

\*See Instructions On Reverse Side

DIVISION OF OIL, GAS & MINING



R. 21E.



T. 11 S.

Scale... 1" = 1000'

Powers Elevation of Denver, Colorado  
has in accordance with a request from STEVE ZAMETS  
for COTTON PETROLEUM  
determined the location of #1-18 LOVE UNIT  
to be 1345' F.W.L., 1150' F.S.L. OF Section 18 Township 11 S.  
Range 22 E. OF THE SALT LAKE BASE AND Meridian  
UINTAH County, UTAH

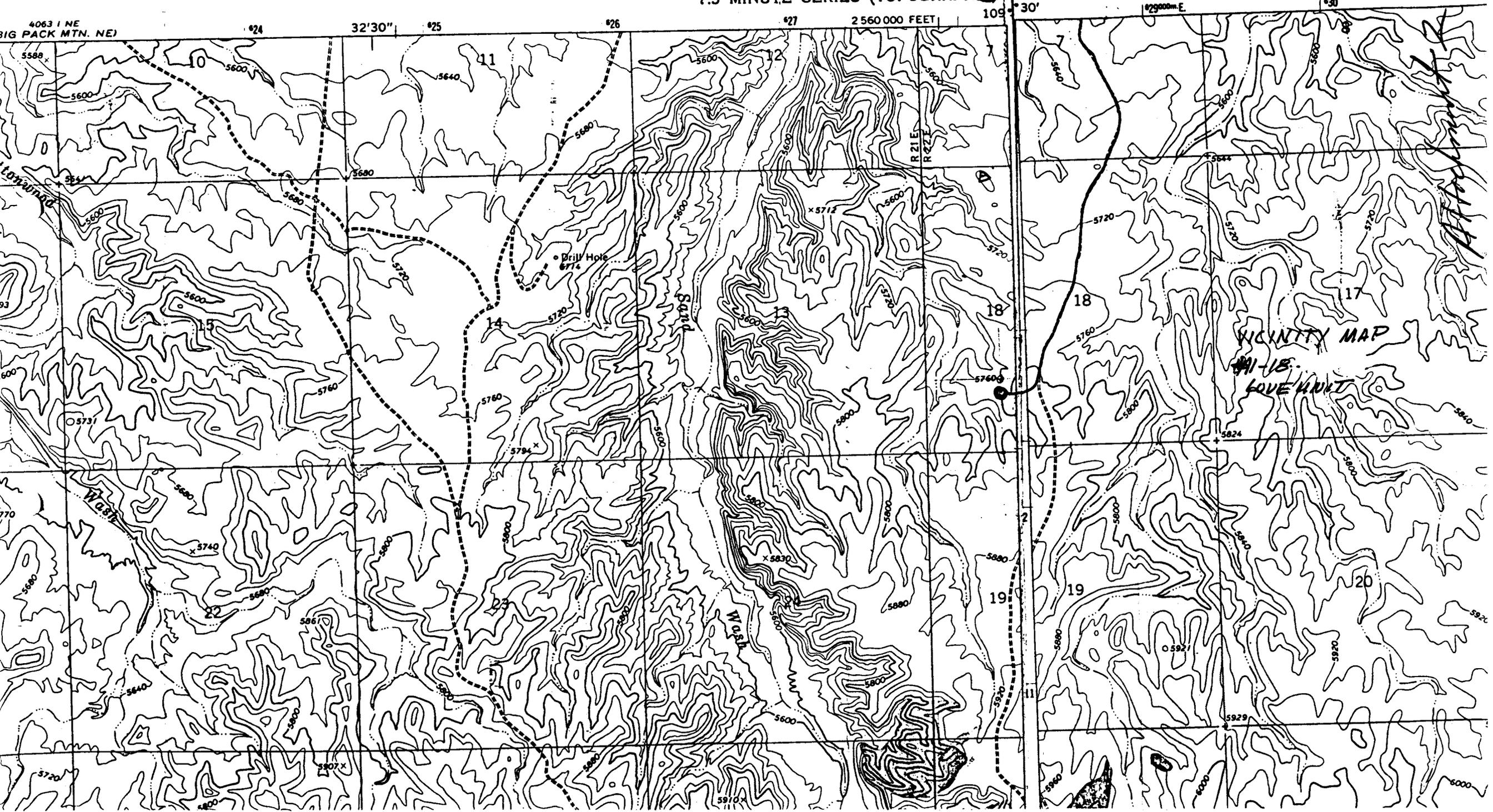
I hereby certify that this plat is an  
accurate representation of a correct  
survey showing the location of  
#1-18-11-22 LOVE UNIT

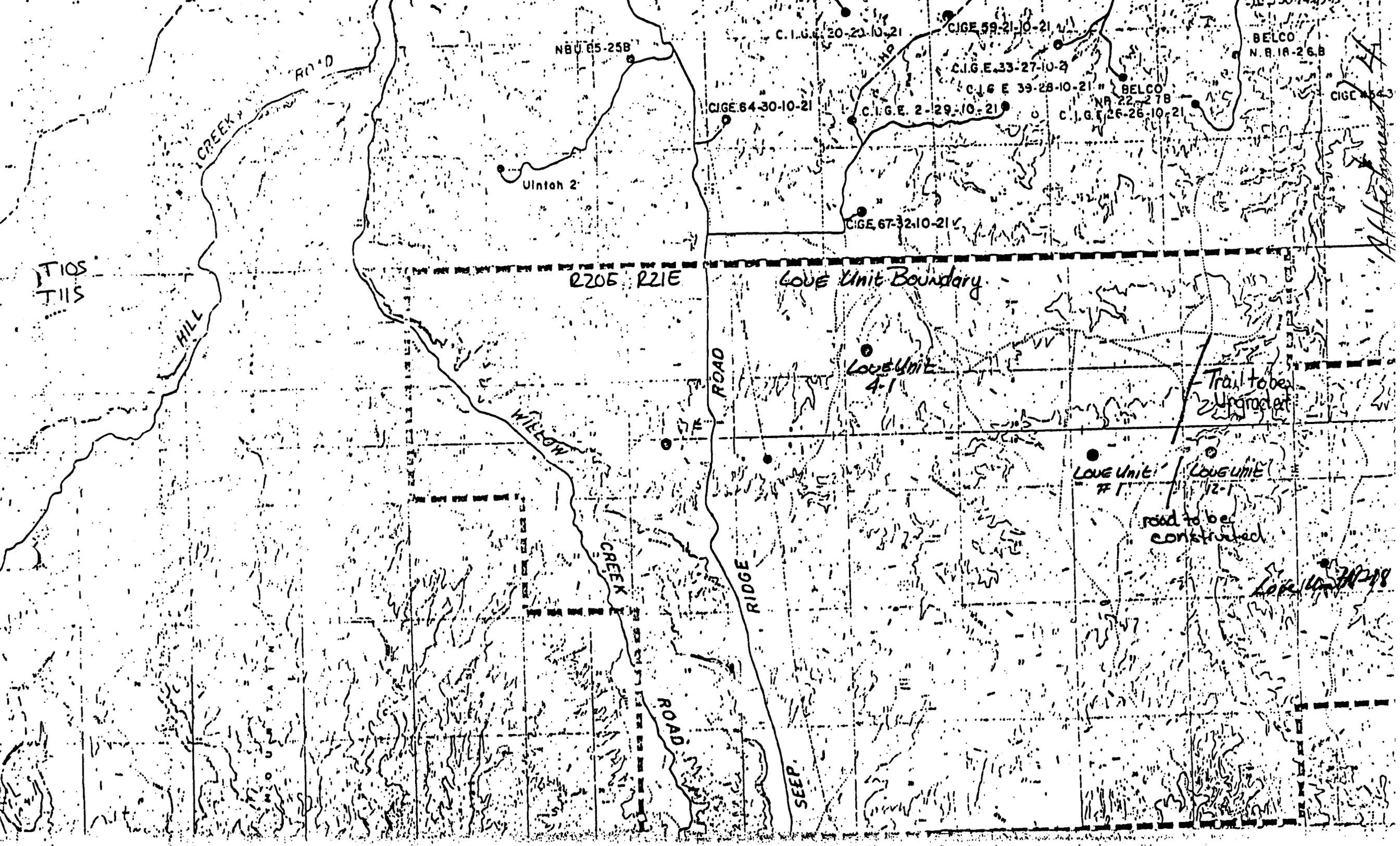
Date: 2-18-80

*James D. Becker*  
Licensed Land Surveyor No. 4189  
State of UTAH

**BIG PACK MTN SE QUADRANGLE**  
UTAH-UINTAH CO.  
7.5 MINUTE SERIES (TOPOGRAPHIC)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY





TIOS  
TIS

1 CREEK ROAD

HILL

NB 85-25B

Unit 2

C.I.G.E. 64-30-10-21

C.I.G.E. 20-23-10-21

C.I.G.E. 59-21-10-21

C.I.G.E. 33-27-10-21

C.I.G.E. 39-28-10-21

C.I.G.E. 2-29-10-21

C.I.G.E. 26-26-10-21

C.I.G.E. 67-32-10-21

BELCO  
N. R. 18-26.B

BELCO  
N. R. 22-27.B

C.I.G.E. 64-3

2205 221E

Love Unit Boundary

Love Unit  
4-1

Trail to be  
upgraded

Love Unit  
#1

Love Unit  
#2-1

road to be  
constructed

Love Unit #2-2

ROAD

WILSON

CREEK

RIDGE

ROAD

SEEP

Attachment A

\*\* FILE NOTATIONS \*\*

DATE: May 22, 1980  
OPERATOR: Cotton Petroleum Corporation  
WELL NO: Lower Unit # A1-18  
Location: Sec. 18 T. 11S R. 22E County: Uintah

File Prepared:  Entered on N.I.D:   
Card Indexed:  Completion Sheet:

API Number 43-047-30706

CHECKED BY:

Petroleum Engineer: M.S. Minder 5-23-80  
\_\_\_\_\_  
\_\_\_\_\_  
Director: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Administrative Aide: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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 Prod Unit Plotted on Map

Hot Line  P.I.  Approval Letter Written   
Utah

*Unit approval*

May 28, 1980

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

Re: Well No. Love Unit #A1-18  
Sec. 18, T. 11S, R. 22E.,  
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 - Petroleum Engineer  
Office: 5335771  
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 43-047-30706.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder  
Petroleum Engineer

/btm

cc: USGS

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIP DATE\*  
(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.)

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
Cotton Petroleum Corporation

3. ADDRESS OF OPERATOR  
717-17th St. Energy Center One-Suite 2200, Denver, CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface  
901' FSL & 1743' FWL Section 18

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
5808 GR

5. LEASE DESIGNATION AND SERIAL NO.  
U-8348

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
N/A

7. UNIT AGREEMENT NAME  
Love-Unit

8. FARM OR LEASE NAME  
N/A

9. WELL NO.  
A1-18

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 18 - 11S-22E

12. COUNTY OR PARISH  
Utah

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 type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input checked="" type="checkbox"/> Change Location		(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.)\*

Cotton Petroleum would like to move the well location. The APD for this well shows the location at 1345' FWL and 1150' FSL in Section 18. This location is in a dry wash that would require extensive dirtwork and cause unneeded environmental damage during construction. The new location, 901' FSL and 1743" FWL in Section 18, is to the east of the wash, on a relatively flat surface that dips to the west (Survey Plats attached). The surface inspection with the USGS and the BLM has been performed on the new location (901 FSL, 1743 FWL Section 18). The Archeological report will be forthcoming in the near future.

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING  
DATE: 7-25-80  
BY: M. J. Minder

**RECEIVED**  
JUL 26 1980  
DIVISION OF OIL, GAS & MINING

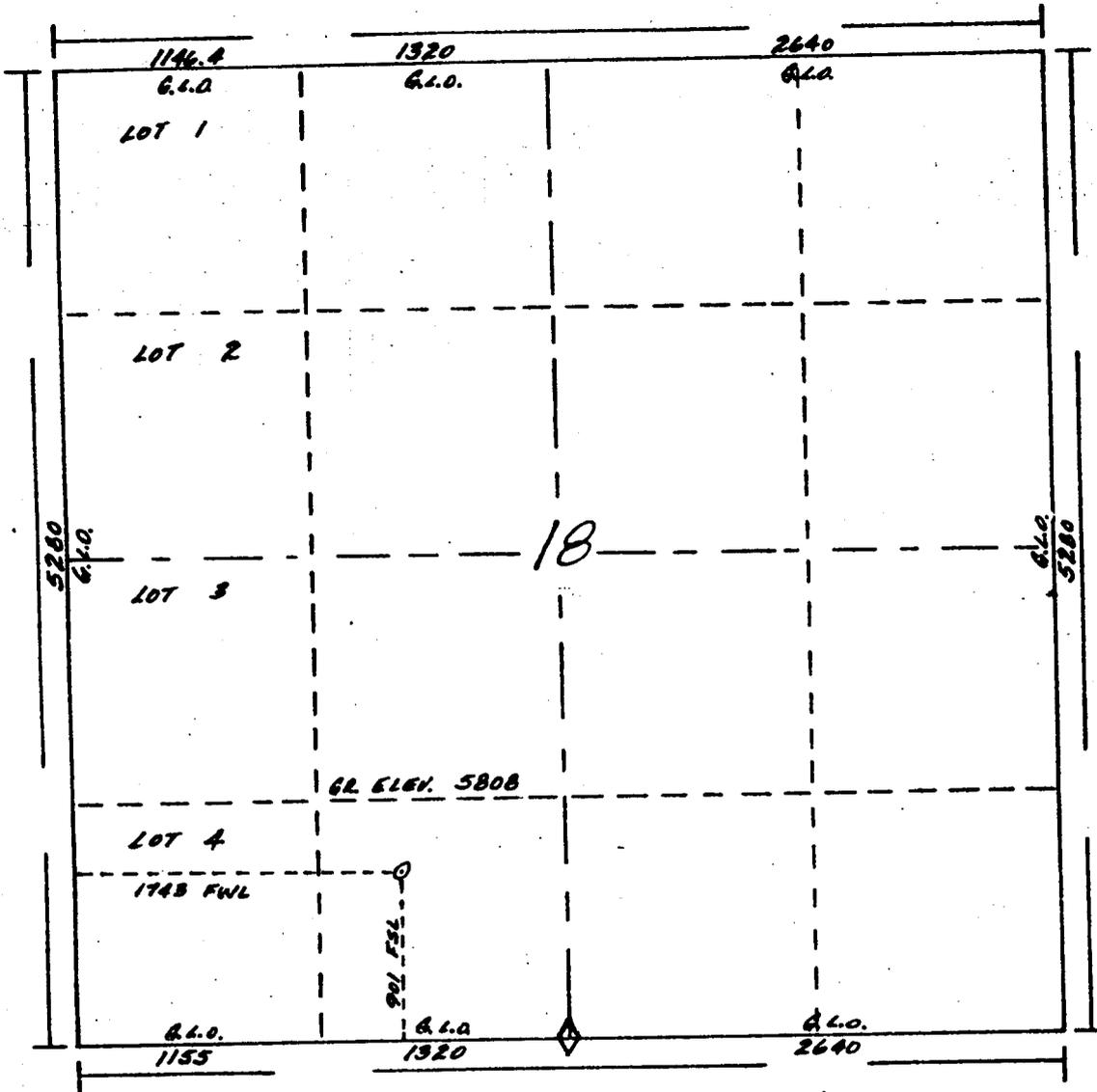
18. I hereby certify that the foregoing is true and correct  
SIGNED [Signature] TITLE Division Production Mgr. DATE July 14, 1980

(This space for Federal or State office use)  
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side



R. 22 E.



T. 11 S.

Scale... 1" = 1000'

Powers Elevation Company, Inc. of Denver, Colorado has in accordance with a request from Doug Wood for COTTON PETROLEUM determined the location of #A1-18 LOVE UNIT to be 901' FSL & 1743' FWL OF Section 18 Township 11 S. Range 22 E. of the Salt Lake Base and Meridian Uintah County, Utah.

RECEIVED

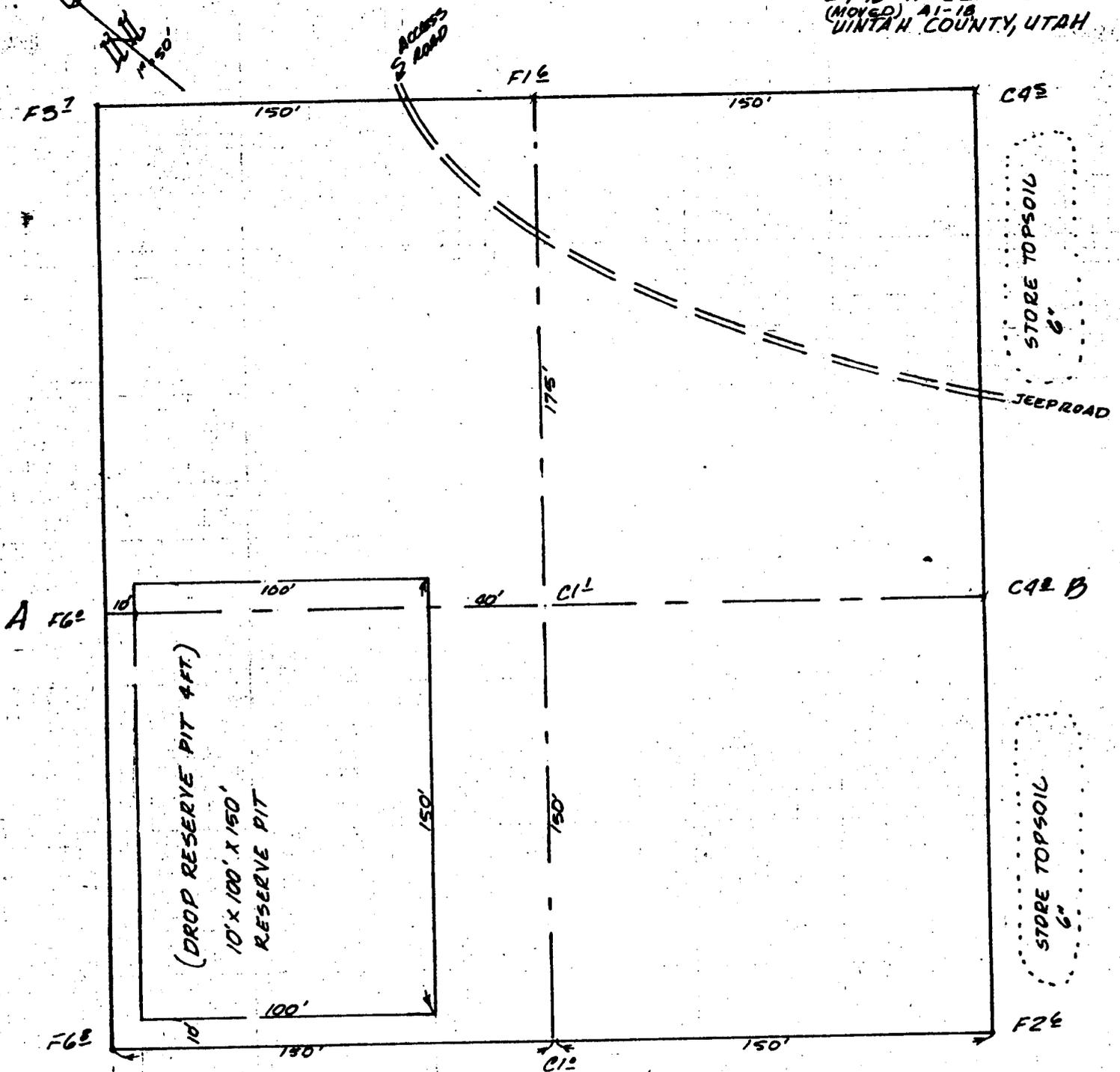
JUL 11 1980

I hereby certify that this plat is an accurate representation of a survey showing the location of #A1-18 LOVE UNIT

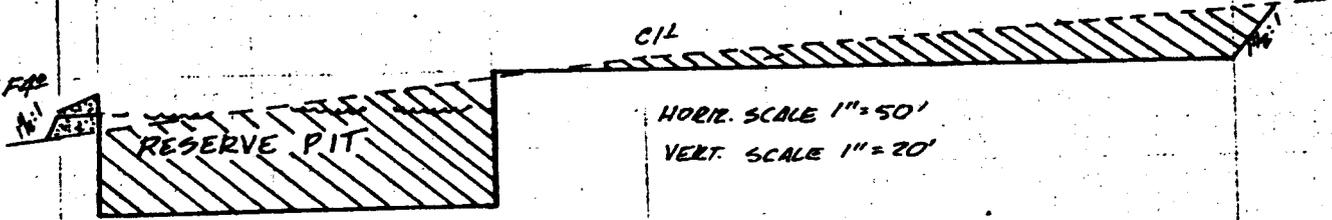
Date: 7-2-80

*James A. Becker*  
 Licensed Land Surveyor No. 4189  
 State of UTAH

PIT & PAD LAYOUT  
 FOR  
 CONDON PETROLEUM CO.  
 1-18-11-22 LOVE UNIT  
 (MOVED) A1-18  
 UTAH COUNTY, UTAH



CROSS-SECTION A-B

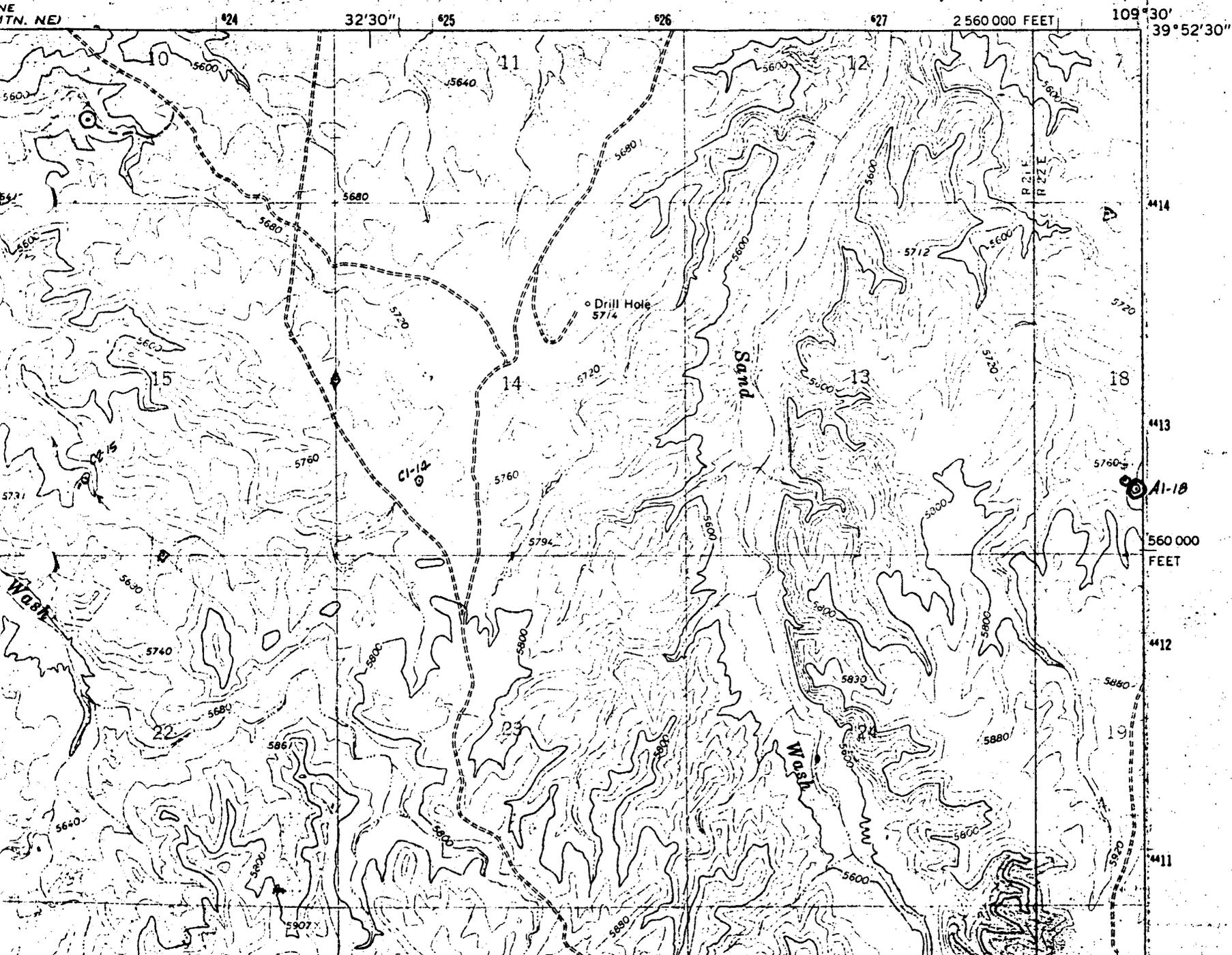


HORIZ. SCALE 1" = 50'  
 VERT. SCALE 1" = 20'

POWERS ELEV. CO.  
 GRAND ST., COLO.  
 BY LARRY D. BECKER  
 7-7-80

BIG PACK MTN. SE QUADRANGLE  
UTAH-UINTAH CO.  
7.5 MINUTE SERIES (TOPOGRAPHIC)

4 163 IV NW  
(ARCHY BENCH)



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

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

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-8348OPERATOR: Cotton Petroleum Corp.WELL NO. A1-18LOCATION: NW $\frac{1}{4}$  SE $\frac{1}{4}$  SW $\frac{1}{4}$  sec. 18, T. 11 S., R. 22 E., SLM  
Uintah County, Utah

1. Stratigraphy: Operator logs appear reasonable

Uintah	surface
Green River	~2000'
Wasatch	3750'
Mesaverde	6150'
<u>TD</u>	<u>6400'</u>

2. Fresh Water:

Useable water in Uintah (to ~2000').

3. Leasable Minerals:

Oil Shale throughout Green River.

Mahogany zone will be encountered at 4000'

4. Additional Logs Needed: Adequate

(Run suite throughout Green River for identification &amp; protection of oil shale).

5. Potential Geologic Hazards:

Possible loss of circulation in leached zones below rich oil shale beds.

6. References and Remarks:

Cashion. mahogany structure map

Signature: Gregory W. WoodDate: 6-12-80



# United States Department of the Interior

IN REPLY REFER TO

BUREAU OF LAND MANAGEMENT  
Vernal District Office  
170 South 500 East  
Vernal, Utah 84078

T & R  
U-802

July 31, 1980

Ed Guynn, District Engineer  
USGS, Conservation Division  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, Utah 84104



Re: Cotton Petroleum  
Corporation  
Well #A1-18, Lease #U-8348;  
Section 18, T11S, R22E;  
Uintah County, Utah

Dear Mr. Guynn:

A joint field examination was made on July 1, 1980 of the above referenced well site locations and proposed access roads. We feel that the surface use and operating plans are adequate with the following stipulations:

1. Construction and maintenance of roads, rehabilitation of disturbed areas, and construction of pipeline routes, shall be in accordance with surface use standards as set forth in the brochure, "Surface Operating Standards for Oil and Gas Exploration and Development."
2. Travelling off access road right-of-way will not be allowed. The maximum width of access roads (both existing and planned) will be 30 feet total disturbed area, except where backslope and fills require additional area. Turn-outs will not be required.
3. Topsoil will be stockpiled as addressed in the applicant's *and* 13 Point Plan. The BLM recommends that the top four (4) to six (6) inches of soil materials be stockpiled at the sites. Topsoil will be stockpiled separately from cut material and it will be stored at the northwest corner of the pad. *Laundry Patches*
4. The BLM must be contacted at least 24 hours prior to any construction activities.



5. The BLM will be contacted at least 24 hours prior to any rehabilitation activities. The operator may be informed of any additional needed seeding and restoration requirements.
6. Burn pits will not be constructed. There will be no burning or burying of trash or garbage at the well sites. Refuse must be contained and hauled to an approved disposal site.
7. A wire mesh or web type fence will be used around the reserve pits. At least two strands of barbed wire will top this fence.
8. The well site will be moved approximately 400 feet to the east as specified in the Sundry notice.
9. If oil storage tanks are installed, a retaining dike will be constructed around the tanks of sufficient height to contain the oil in the event of tank failure.
10. Reserve pits will be at least half their depths below the natural ground surface.

An archaeological study has been conducted by Powers Elevation Company. No cultural resources were located.

The proposed activities do not jeopardize listed, threatened, or endangered flora, fauna or their habitats.

The BLM representative will be Ron Rogers (789-1362).

Sincerely,

*Ronald W Rogers*  
For

Dean L. Evans  
Area Manger  
Bookcliffs Resource Area

cc: USGS, Vernal

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-8348

OPERATOR: Cotton Petroleum Corp.

WELL NO. A1-18

LOCATION: NW $\frac{1}{4}$  SE $\frac{1}{4}$  SW $\frac{1}{4}$  sec. 18, T. 11 S., R. 22 E., 51M

Uintah County, Utah

1. Stratigraphy: Operator logs appear reasonable

Uintah	surface
Green River	~2000'
Wasatch	3750'
Mesaverde	6150'
<u>TD</u>	<u>6400'</u>

2. Fresh Water:

Useable water in Uintah (to ~2000').

3. Leasable Minerals:

Oil Shale throughout Green River.

Mahogany zone will be encountered at 4000'

4. Additional Logs Needed: Adequate

(Run suite throughout Green River for identification & protection of oil shale).

5. Potential Geologic Hazards:

Possible loss of circulation in leached zones below rich oil shale beds.

6. References and Remarks:

Cashion. mahogany structure map

Signature: Gregory W. Wood

Date: 6-12-80

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

USUAL ENVIRONMENTAL ASSESSMENT

Date: August 1, 1980

Operator: Cotton Petroleum Corporation      Project or Well Name and No.: A1-18  
Location: 1743' FWL & 901' FSL      Section: 18 Township: 11S Range: 22E  
County: Uintah      State: Utah      Field/Unit: Wildcat  
Lease No.: U-8348      Permit No.: N/A  
Joint Field Inspection Date: July 1, 1980

Prepared By: Greg Darlington

Field Inspection Participants, Titles and Organizations:

Greg Darlington	U.S.G.S. - Vernal, Utah
Ron Rogers	BLM - Vernal, Utah
Larry England	BLM - Vernal, Utah
Bud Pease	Pease Brothers Construction
Jim Hacking	D. E. Casada Construction
Gary Cooper	Cotton Petroleum
Pat Leech	Allwestern Drilling

Related Environmental Documents:

8/18/80 lj

*Admin Council?*  
*Bad 300 x 325*  
*8 ft 100 x 150*  
*400' x 30' new access*  
*4 1/2 min improvement*  
*2 1/2 hr*  
*→ Good 9/1/80. PG 6*  
*1-5*



1. A drill pad 300' wide x 325' long including a reserve pit 100' x 150' would be constructed. Approximately 400 feet of new access road, averaging 18' driving surface, would be constructed and approximately 4.6 miles of existing road would be improved and reconstructed to 18' driving surface from a maintained road. 2.4 acres of disturbed surface would be associated with the project. Maximum disturbed width of access road would be limited to 30'.
2. Drilling would be to a proposed depth of 6,400 feet.
3. Waste disposal.
4. Traffic.
5. Water requirements.
6. Completion.
7. Production.
8. Transportation of hydrocarbons.

Details of the proposed action are described in the Application for Permit to Drill.

The location was moved to reduce cuts and fills, reduce length of the access road required, and allow for better mitigation of related erosional impacts. It was moved 249 feet south and 398 feet east then rotated about 90 degrees in a counterclockwise direction to best conform with the existing topography.

The access road was changed. It was shortened by .1 mile by the moving of the pad and wellsite south and east towards it.

Environmental Considerations of the Proposed Action:

Regional Setting/Topography: The location is on a hillside gently sloping to the north.

PARAMETER

A. Geology

1. Other Local Mineral Resources to be Protected: Oil shale is possible throughout the Green River formation. It is estimated that the Mahogany zone will be encountered at about 4000 feet.

Information Source: Mineral Evaluation Report.

2. Hazards:

- a. Land Stability: Adequate for the proposed project.

Information Source: Field Observation.

b. Subsidence: Unlikely to be a significant hazard at this location.

Information Source: Field Observation.

c. Seismicity: The location is in an area of minor seismic risk.

Information Source: Geologic Atlas of the Rocky Mountain Region.

d. High Pressure Zones/Blowout Prevention: No abnormal pressures or temperatures have been encountered in nearby wells. BOP equipment is described in the APD.

Information Source: APD.

B. Soils:

1. Soil Character: The soil is a sandy clay with considerable shale and sandstone gravels present.

Information Source: Field Observation.

2. Erosion/Sedimentation: The gentle slope of this location would tend to mitigate and lessen any erosional impacts. Erosion would be a minor problem.

Information Source: Field Observation.

C. Air Quality: Temporary impacts will be present during drilling and construction activities.

Information Source: Field Observation.

D. Noise Levels: Temporary impacts will be present during construction and drilling activities.

Information Source: Field Observation.

E. Water Resources

1. Hydrologic Character

a. Surface Waters: The location drains to Sand Wash then north to the White River.

Information Source: APD.

b. Ground Waters: There is useable water in the Uintah (to about 2000 feet).

Information Source: Mineral Evaluation Report.

2. Water Quality

a. Surface Waters: The reserve pit is of adequate size and the soils appear to be quite stable. Only minor impacts if any are likely to surface water quality.

Information Source: Field Observation.

b. Ground Waters: Muds and brines will be used in drilling. An adequate casing program is outlined in the APD to protect ground water aquifers.

Information Source: APD.

F. Flora and Fauna

1. Endangered and Threatened Species Determination

Based on the BLM comments received from Vernal District BLM on August 1, 1980, we determine that there would be no effect on endangered and threatened species and their critical habitat.

2. Flora: Sagebrush, shadscale, saltbush, rabbit brush and native grasses.

Information Source: Field Observation.

3. Fauna: Deer, antelope, rabbits, small rodents, lizards and birds such as sparrows, magpies and crows.

Information Source: Field Observation.

G. Land Uses

1. General: Grazing and hunting.

Information Source: APD.

2. Affected Floodplains and/or Wetlands: None.

Information Source: Field Observation.

3. Roadless/Wilderness Area: Not Applicable.

Information Source: BLM, Utah Wilderness Inventory Map, August 1979.

H. Aesthetics: Minor impacts to aesthetics would be involved. There is only limited usage in this remote sagebrush covered area.- It is not a choice grazing area.

Information Source: Field Observation.

I. Socioeconomics: The effect of one well would not be too significant. Successful drilling is likely to accelerate further development of the area and could lead to some cumulative impacts of increased development and increased employment.

Information Source: Field Observation.

J. Cultural Resources Determination: Based on the BLM comments received from Vernal District BLM on August 1, 1980, we determine that there would be no effect on cultural resources likely since an adequate archaeological survey was conducted by Powers Elevation Company.

Information Source: BLM stipulation letter.

K. Adequacy of Restoration Plans: Adequate with the incorporation of any relevant BLM stipulations.

Information Sources: BLM stipulation and the APD.

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 2.4 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 White River. The potential for pollution to Sand Wash 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.

2. Conditional Approval:

a. All adverse impacts described in section one above could occur.

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 BLM Stipulations.
3. The Mining Report and Mineral Evaluation Report requests that adequate logs be run to identify existing oil shale deposits.
4. To insure protection of the top of the Green river formation and isolation of the "Birds Nest" aquifer the oil shale geologists recommends that 600 sacks of cement rather the 500 sacks mentioned in the APD be used for the intermediate casing.
5. The access road needs some reconstruction to reduce existing steep grades in about 3 places and general upgrading to 18 feet driving surface.

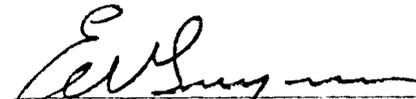
Controversial Issues and Conservation Division Response:

None are presently evident.

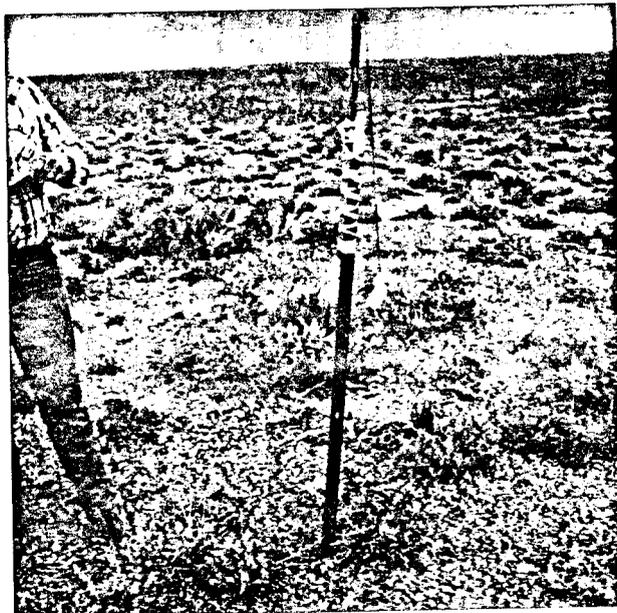
We have considered the proposed action in the preceding pages of this EA and find, based on the analysis of environmental considerations provided therein, no evidence to indicate that it will significantly (40 CFR 1508.27) impact the quality of the human environment.

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).

  
DISTRICT ENGINEER  
Signature & Title of Approving Official

AUG 18 1980  
Date



Cotton Petroleum A1-18  
Sec. 18, T11S, R22E  
North View

7/1

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  
 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 1743' 901'  
 At proposed prod. zone 1345' FWL, 1150' FSL, Section 18

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

19.7 miles SE of Ouray

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
 1150'

16. NO. OF ACRES IN LEASE  
 2560

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.

19. PROPOSED DEPTH  
 6400'

20. ROTARY OR CABLE TOOLS  
 Rotary

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

5796' GR

22. APPROX. DATE WORK WILL START\*

7-1-80

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#	200'	140 sacks
12-1/4"	8-5/8"	24#	2500'	500 sacks
8-3/4"	4-1/2"	11.6#	6400'	1000 sacks

Drill 6400' Mesaverde test. Drill 17-1/2" surface hole to 200' 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 8-3/4" hole to 6400' with brine water to 6200' and with polymer brine water from 6200' to 6400'. 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 D.E. Wood TITLE Division Production Manager DATE May 20, 1980

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
 APPROVED BY W.D. Mouton FOR E.W. GUYNN DISTRICT ENGINEER DATE AUG 19 1980  
 CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED  
 TO ORIGINAL COPY

\*See Instructions On Reverse Side

NOTICE OF APPROVAL

FILED IN RECORDS OF  
 GAS IS OIL FIELD TO NTL 4-A  
 DATED 1/1/80

Utah State Oil & Gas



United States Department of the Interior

GEOLOGICAL SURVEY  
Conservation Division  
8440 Federal Building  
Salt Lake City, Utah 84138

RECEIVED

JUN 9 1980  
OFFICE OF  
OIL SHALE SUPERVISOR

*Well # A1-18  
Cotton Petroleum Co  
Sec. 18-11S-22E  
Uintah County  
EA # 455-80*

Mr. Peter Rutledge  
Area Oil Shale Supervisor  
Area Oil Shale Office  
131 North Sixth, Suite 300  
Grand Junction, Colorado 81501

Dear Mr. Rutledge,

The Office of Oil and Gas Operations, Conservation Division, received the attached Application for Permit to Drill, Deepen, or Plug Back (Form 9-331C).

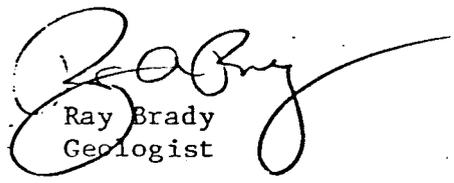
Please review this proposal for any conflict with any of the resources in the oil shale tracts and withdrawal areas. If needed, set forth the stipulations you determine necessary for adequate protection. Please use the following space for your response (if there is none, so state), together with date and initials of person responsible and return to the Office of Oil and Gas Operations.

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

Cotton Petroleum A-1-18  
Sec. 18, T. 11 S., R. 22 E.

June 26, 1980

The proposed program includes 8 5/8" casing set at 2500' with 500 sacks of cement. To insure protection of the top of the Green River Formation and isolation of the "Birds Nest" aquifer, it is recommended that the cement volume be increased to 600 sacks.

  
Ray Brady  
Geologist

*Patton Petroleum*  
18-115-22E

Memorandum

*Guy*

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-8348 Well No. A1-18

1. The location appears potentially valuable for:

- strip mining\*
- underground mining\*\* *oil shale (deep)*
- has no known potential.

2. The proposed area is

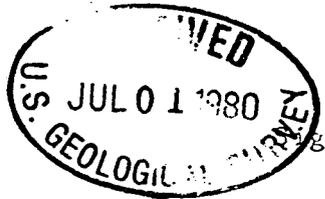
- under a Federal lease for \_\_\_\_\_ under the jurisdiction of this office.
- not under a Federal lease under the jurisdiction of this office.
- Please request the operator to furnish resistivity, density, Gamma-Ray, or other appropriate electric logs covering all formations containing potentially 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 F. Vance*

✓

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE  
(Other instruction, 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.)

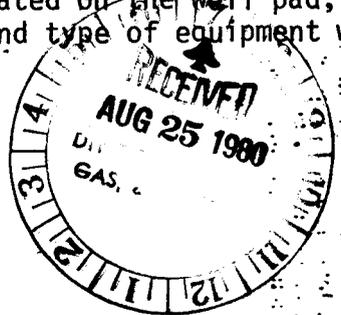
<p>1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR Cotton Petroleum Corporation</p> <p>3. ADDRESS OF OPERATOR 717-17th Street, Energy Center One Building, Suite 2200</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface Sec. 18 - T 11S - R 22E 901' FSL &amp; 1743' FWL</p>	<p>5. LEASE DESIGNATION AND SERIAL NO. U-8348</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A</p> <p>7. UNIT AGREEMENT NAME Love Unit</p> <p>8. FARM OR LEASE NAME N/A</p> <p>9. WELL NO. A1-18</p> <p>10. FIELD AND POOL, OR WILDCAT Wildcat</p> <p>11. SEC., T., R., M., OR B.L. AND SURVEY OR AREA Sec. 18-T 11S- R 22E</p> <p>12. COUNTY OR PARISH Uintah</p> <p>13. STATE Utah</p>
<p>14. PERMIT NO.</p> <p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5808' GR</p>	

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) _____	
(Other) Lay Permanent gas pipeline <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.)\*

Permission is requested to lay a permanent gas pipeline in the surface approx. 8000' in length from the Love Unit A1-18 located in SW 1/4, Sec. 18-T 11S- R 22E to the proposed gas pipeline from the Love Unit 1-12 well, located in the SW 1/4, Sec. 12- T 11S- R 21E, The pipeline will be 4" Schedule 40, PEBFW, GRADE A, 0.237" wall thickness rated at 2010 psi design pressure limit. The line will be pressure tested to 2400 psi using produced gas from the proposed well. The pipeline will be painted and wrapped for corrosion control, and operate at 1000 psi. The pipeline will be laid on the surface with extremely limited surface disturbance, Any areas where the vegetation has been destroyed will be reseeded as per BLM requirements. All production facilities will be located on the well pad, i.e. separator, 2 tanks and meter run. The size and type of equipment will be determined after the well is completed.

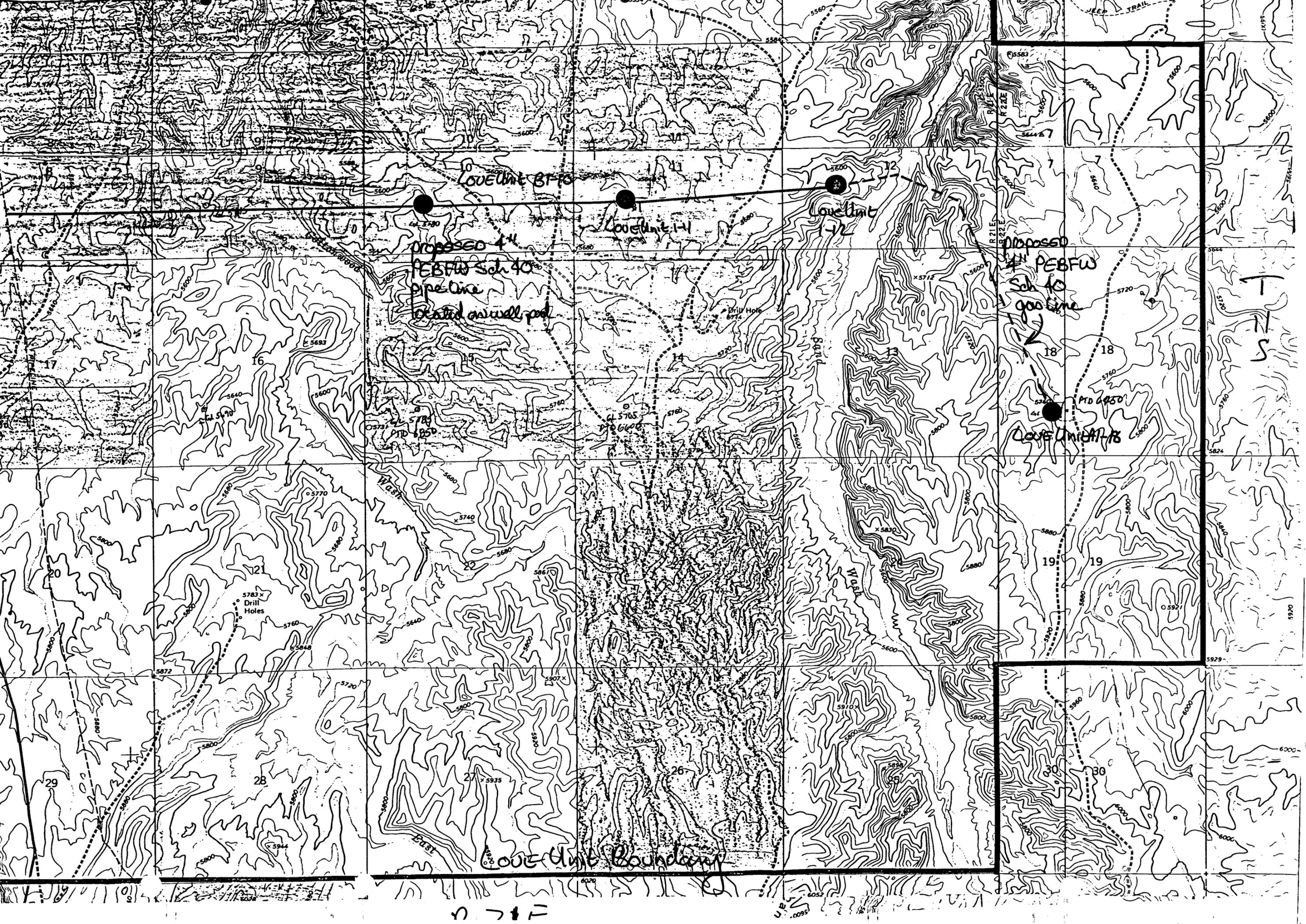


18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE Division Production Manager DATE 8-22-80

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:



LOVELINE BTR-10

LOVELINE 1-11

LOVELINE 1-12

PROPOSED  
4" PEBFW  
Sch 40  
gas line

PROPOSED 4"  
PEBFW Sch 40  
pipe line  
located on well pad

LOVELINE 1-18

LOVELINE Boundary

T  
N  
S

0 7 1 F

0095

6052

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: Cotton Petroleum Corporation

WELL NAME: Love Unit #A1-18

SECTION 18 SE SW TOWNSHIP 11S RANGE 22E COUNTY Uintah

DRILLING CONTRACTOR All Western Drilling

RIG # 2

SPUDDED: DATE 8/27/80

TIME 4:00 p.m.

HOW rotary

DRILLING WILL COMMENCE ASAP

REPORTED BY Pamela

TELEPHONE # 303-893-2233

DATE August 28, 1980

SIGNED *M. J. M.*

cc: USGS

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPlicate\*  
(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.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR Cotton Petroleum Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
3. ADDRESS OF OPERATOR -717-17th Street, Suite 2200, Denver, Colorado 80202		7. UNIT AGREEMENT NAME Love Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  901' FSL & 1743' FWL Section 18-11S-21E		8. FARM OR LEASE NAME N/A
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, CR, etc.) 5808' GR	9. WELL NO. A1-18
		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec 18-11S-21E
		12. COUNTY OR PARISH Uintah
		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) _____	

(Note: Report results of multiple completion on Well Completion or Recombination 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).\*

Cotton Petroleum Corporation requests permission to change the casing design on the Love Unit A1-18.

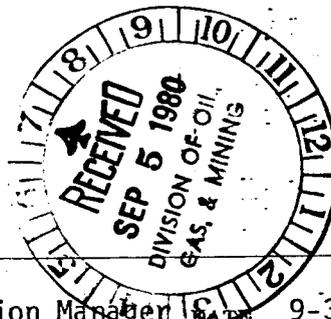
Cotton Petroleum prefers to avoid setting the 8 5/8" intermediate casing, unless a strong water flow or loss of circulation zone is encountered.

The preferred casing program is as follows:

HOLE SIZE	CASING SIZE	SETTING DEPTH	CEMENT
17 1/2"	13 3/8"	200'	140 sacks
7 7/8"	4 1/2"	6400'	1600 sacks

The 4 1/2" will be cemented in 2 stages with 1000 sacks cement in Stage 1, a DV tool set at 2500', and cemented with 600 sacks cement, across the Green River oil shale zones.

APPROVED BY THE DIVISION OF  
OIL, GAS, AND MINING  
DATE: 9-8-80  
SIGNAL SIGNED BY G. B. FERGUSON  
BY: \_\_\_\_\_



18. I hereby certify that the foregoing is true and correct  
SIGNED P. E. Wood, Jr. TITLE Division Production Manager DATE 9-3-80

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

BELCO PETROLEUM CORPORATION  
DAILY DRILLING REPORT  
Friday, September 12, 1980

VERNAL DISTRICT

DEVELOPMENT WELLS

ND 9-15GR (DW-OIL)  
Natural Duck Field  
Uintah County, Utah  
5096' Green River  
Chandler & Assoc #1  
Belco WI 62.5%

3200' (680') 6. Drilling, Green River.  
Drld 680' in 24 hrs.  
Bit #2, 8 3/4", S86F, 3 14/32, 878' in 32 hours.  
PP-1000 WT-45 RPM-62  
Mud Prop: Water, chl 20,500 (KCL), BG-425 CG-450  
AFE (csg pt) \$184,000  
CUM cost \$65,956

ND 6-15GR (DW-OIL)  
Natural Duck Field  
Uintah County, Utah  
5050' Green River  
Jacobs #2  
Belco WI 100%

195' (0') 0. MIRT, Uintah.  
Will spud 9-13-80.  
AFE (csg pt) \$193,000  
CUM cost \$17,852

WORKOVERS

NBU 61-25B (DW-GAS)  
Natural Buttes Field  
Uintah County, Utah  
5730' PBDT (Wasatch)  
NL Well Service  
Belco WI 100%

TIH w/tbg. Report #8  
NL Well Service blew down csg, pumped 60 bbls  
formation water down csg, killed well. TOH w/  
tbg & packer, Oil Well Perforators set cast iron  
4 1/2" baker bridge plug @ 5741'. Set 1 sx cement  
on plug, RD. Started blowing well to tank,  
couldn't kill well. Left well blowing fm csg o/night.  
This a.m.: Well still flowing 366 MCF, 48/64 ch,  
unloaded 30 bbls formation water in 15 hours.  
Will kill well & run tbg today.  
CUM cost \$17,808.08  
Daily Cost \$4,401.66

11-5, 228-18

OUTSIDE OPERATED

LOVE UNIT A1-18 (DW-GAS)  
Natural Buttes Field  
Uintah county, Utah  
6400' Mesa Verde  
Cotton Petroleum  
Belco WIAPO 33.33%

(9-11-80)  
5721', drlg sd & sh, made 135', DD #15, hole cond  
good, dev 1 1/2' @ 5679', MW-9.1, VIS-31, WL-11.6,  
FC 2/32, PH-10.3. Bit #4 Smith F-4 in @ 4271',  
cut 250' in 20 1/4 hrs, WOB 40,000#, RPM-70, PP-1200,  
62 spm, drlg, PP fell to 800#, POOH, look for hole  
in DP, didn't find hole, repair main pump & stand  
by pump, replace liners & heads, RIH, now drilling  
drld 11 hrs, Totco 3/4 hrs, trip 7 1/2 hrs, service  
& BOP 1/4 hrs, repair main & stand by pump 1/2 hr,  
BGG 2 units, drlg break fr 5603'-21', drlg 4 mpf  
broke to 2 mpf, aft break 4 mpf.  
DC \$7900 CUM cost \$149,835

OUTSIDE OPERATED

LOVE UNIT A1-18  
Natural Buttes Field  
Uintah County, Utah  
6400' Mesaverde  
Cotton Petroleum  
Belco WI 33.33%

9-27-80  
WO completion rig, will RU completion rig this  
a.m. and start completion.

9-28-80  
Same

9-30-80  
WO completion rig, will RU this a.m.

10-1-80  
RU Western completion rig, set BOP's, press test  
BOP's, ckd OK. Ready to RIH this a.m. to drill  
out DV tool and cement.

10-2-80  
RU to pick up tbg, picked up 3 7/8" bit, one 4½"  
csg scraper- four 3 1/8" DC's, one change over  
sub and picked up 75 jts of 2 3/8" J-55. TIH  
to 2500', drl on DV tool for 4 hours. SDFN.

5

NDC 40-30GR cont

HP used 662. HOWCO cost \$2080.  
Open tbg to pit after 20 mins SI. Flowed back  
2½ bbls. Swab report: Made 9 runs in 7 hrs.  
Recovered 44½ bbls of D&C. Pulled from SN 7th  
run, rec 1½ bbls w/light gas cut. Made run  
@ 3:30 p.m., pulled 2½ bbls D&C, no crude.  
Made run @ 5:00 p.m., pulled 1½ bbls D&C, no crude.  
BLR 96 BLTR 97 Left tbg open to 400 bbl tank  
overnight, no fluid. This a.m., TP-0, CP-0,  
FL @ 3400', pulled 9 bbls of D&C.  
AFE (comp) \$477,000  
CUM cost \$251,137

DC 11-16GR (DW-OIL)  
Duck Creek Field  
Uintah County, Utah  
5003' PBTD (Green River)  
Utah Rental Tool  
Belco WI 100%

POH. Report #2  
Unload, tally & pick up tbg. TIH w/4 7/8" bit  
and 5½" csg scraper to PBTD @ 5003' KB. Displace  
hole w/110 bbls D&C. BLTR 110 BLR 0  
AFE (comp) \$489,000  
CUM cost \$206,704

ND 6-15GR (DW-OIL)  
Natural Duck Field  
Uintah County, Utah

Production. Report #14  
Cost correction.  
AFE (comp) \$451,000  
CUM cost \$355,438

NBU 34-Y (DW-OIL)  
Natural Buttes Field  
Uintah County, Utah  
4800' PBTD (Green River)  
M&R Well Service  
Belco WI 100%

Hang well on.  
Killed well w/D&C. TIH w/pump and rods, seated  
pump and SI with 1½ polish rod & stuffing box.  
ROD DETAIL:

10	7/8" Rods
110	3/4" Rods
56	7/8" Rods
1	7/8" x 4' Poney
	1½ x 22' Polish Rod

Pump Installed: NS 901 2 x 1½ x 16 x 5  
AFE (comp) \$299,000  
CUM cost \$247,505

OUTSIDE OPERATED

LOVE UNIT A1-18 (DW-GAS)  
Natural Buttes Field  
Uintah County, Utah  
6400' Mesaverde  
Cotton Petroleum  
Belco WI 33.33%

11-12-80  
SIP from 12:00 a.m. to 7:00 a.m., 25#, H<sub>2</sub>O level  
was at surface, swab 8 hrs, rec 30 BW, 2700 BW  
left to recover.

FILE IN TRIPLICATE  
FORM OGC-8-X

RECEIVED

JAN 15 1981

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116

DIVISION OF  
OIL, GAS & MINING

\*REPORT OF WATER ENCOUNTERED DURING DRILLING\*

*Record speed date*

Well Name & Number Love Unit A1-18

Operator Cotton Petroleum Corporation Address 717 17th Street, Suite 2200, Denver, CO

Contractor All Western Drilling Co. Address \_\_\_\_\_

Location C  $\frac{1}{4}$  SW  $\frac{1}{4}$  Sec. 18 T. 11S R. 22E ~~20E~~ County Uintah

Water Sands

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
From	To	Flow Rate or Head	Fresh or Salty
1.	No water bearing sands were encountered.		
2.	_____		
3.	_____		
4.	_____		
5.	_____		

(Continue of reverse side if necessary)

Formation Tops

Remarks

*F-A*

- NOTE: (a) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.
- (b) If a water analysis has been made of the above reported zone, please forward a copy along with this form.



SCOTT M. MATHESON  
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON  
Executive Director,  
NATURAL RESOURCES

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116  
(801) 533-5771

CHARLES R. HENDERSON  
Chairman

CLEON B. FEIGHT  
Director

JOHN L. BELL  
C. RAY JUVELIN  
THADIS W. BOX  
MAXILIAN A. FARBMAN  
EDWARD T. BECK  
E. STEELE McINTYRE

April 27, 1981

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

Re: SEE ATTACHED SHEET ON WELLS DUE

Gentlemen:

Our records indicate that you have not filed the Monthly drilling reports for the months indicated above on the subject wells.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (160 day of the succeeding month. This report may be filed on Form OGC-1B, (U.S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

  
SANDY BATES  
CLERK-TYPIST

ATTACHED SHEET ON WELLS DUE

1. Well No. Love Unit #A1-18  
Sec. 18, T. 11S. R. 22E.  
Uintah County, Utah  
(February 1981- April 1981)
  
2. Well No. Love Unit #B1-10  
Sec. 10, T. 11S. R. 21E.  
Uintah County, Utah  
(February 1981-April 1981)
  
3. Well No. Love Unit #12-1  
Sec. 12, T. 11S. R. 21E.  
Uintah County, Utah  
(November 1980- April 1981)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

U-8348

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

7. UNIT AGREEMENT NAME

Love Unit

8. FARM OR LEASE NAME

A

9. WELL NO.

1-18

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec 18-T11S-R21E

12. COUNTY OR PARISH

Utah

13. STATE

Utah

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. REEVR.  Other \_\_\_\_\_

2. NAME OF OPERATOR  
Cotton Petroleum Corporation

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 901 FSL & 1743 FWL, Section 18  
At top prod. interval reported below  
At total depth

14. PERMIT NO. 43-047-307061  
DATE ISSUED 5/23/80

15. DATE SPUDDED 8-27-80  
16. DATE T.D. REACHED 9-16-80  
17. DATE COMPL. (Ready to prod.) 11-28-80  
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 5808'

20. TOTAL DEPTH, MD & TVD 6465'  
21. PLUG, BACK T.D., MD & TVD 6349'  
22. IF MULTIPLE COMPL., HOW MANY\*  
23. INTERVALS DRILLED BY → ROTARY TOOLS 0-TD CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
5150-5166' Wasatch  
25. WAS DIRECTIONAL SURVEY MADE NO

26. TYPE ELECTRIC AND OTHER LOGS RUN  
CNL/FDC DIL-SP  
27. WAS WELL CORED NO

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

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48# K55 STC	200'	17-1/2"	240 sxs Class H, 3% CaCl <sub>2</sub>	1/2#/sx Floeal
4-1/2"	10.5# K55 STC		7-7/8"	2470 sx 50-50- poz, 2% ge	
		DV Tool @ 2500'			

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD
					SIZE 2-3/8" DEPTH SET (MD) PACKER SET- (MD) 5729'

31. PERFORATION RECORD (Interval, size and number)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
5150'-5166' 1 JSPF
DEPTH INTERVAL (MD) 5150'-5166'
AMOUNT AND KIND OF MATERIAL USED Frac w/220,000# sand in 108,000 gal foam.

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
11-28-80	Flowing	Producing					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
4/19/81	24	9	→	0	725	2	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
815	-0-	→					

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) SOLD TEST WITNESSED BY D. Meecham

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 DE Wood TITLE Division Prod Mgr DATE April 28, 1981

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

USGS  
GAG  
DEW  
43151

# 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.)

**37. SUMMARY OF POROUS ZONES:**  
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Wasatch	3862'	6165'	GAS
Mesaverde	6165'		GAS

**38. GEOLOGIC MARKERS**

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH

MAY 7 1933  
DIVISION OF  
OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

5. LEASE U-8348 <b>020923</b>	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME NA	
7. UNIT AGREEMENT NAME NA	
8. FARM OR LEASE NAME Love Unit	
9. WELL NO. A-18	
10. FIELD OR WILDCAT NAME Wildcat	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 18 T11S R22E	
12. COUNTY OR PARISH Utah	13. STATE Utah
14. API NO. <b>43-047-30706</b>	
15. ELEVATIONS (SHOW DF, KDB, AND WD)	

**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  
Apache Corporation

3. ADDRESS OF OPERATOR  
1700 Lincoln, #4900, Denver, CO 80203-4549

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 901' FSL 1743' 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:		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>Change of Operator</u>			

(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.)\*

Change of Operator from Cotton Petroleum Corporation to  
Apache Corporation, effective November 1, 1986.

JAN 05 1987

DIVISION OF  
OIL, GAS & MINING Set @ \_\_\_\_\_ Ft.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_

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

SIGNED Charles E. Mertz TITLE Land Manager DATE January 30, 1987

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY

TITLE \_\_\_\_\_ DATE \_\_\_\_\_



SUITE 4900 ONE UNITED BANK CENTER/1700 LINCOLN STREET/DENVER, CO 80203-4549

303/831-6500

February 3, 1987

U. S. Department of the Interior  
Bureau of Land Management  
324 South State, Suite 301  
Salt Lake City, Utah 84111-2303

Attention: Roland G. Robison  
State Director

FEB.  
JAN 05 1987

DIVISION OF  
OIL, GAS & MINING

Re: Sundry Notices - Change of Operator

Gentlemen:

Enclosed in quadruplicate, are Sundry Notices indicating a Change of Operator from Cotton Petroleum Corporation to Apache Corporation, effective November 1, 1986, regarding the following wells:

#1-11 Love Unit  
#4-1 Love Unit  
#B2-3 Love Unit  
#B-10 Love Unit  
#A-18 Love Unit  
#1-12 Love Unit  
#1-10 Duncan Federal  
#1-3 Lafkas Federal  
#1-26 Barton Federal  
#1-22 Pete's Wash Unit  
#1-10 Hill Federal

Upon approval by the Bureau of Land Management, please furnish us a copy of the approved form.

Thank you for your consideration.

Yours very truly,

Apache Corporation

*Sally A. Woodruff*  
Sally A. Woodruff  
Contract Landman

SAW/es

Enclosures

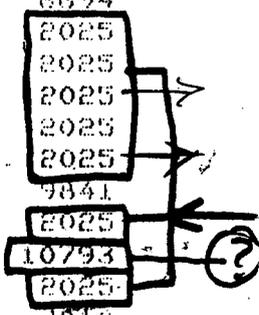
cc: State-Utah, Div. of Oil, Gas & Mining ✓  
(w/enclosures)

5-88

TWP 11 SOUTH AND EAST  
INVALID COMMAND

ENTER COMMAND >DIS TWP, RNG, SECT, API, STAT, FR, SURVEY, QTR, NAME, PEN									
S110 E140	36	4301330486	PGW	WSTC	S	NWSE	PTS 33-36	STATE	6190
S110 E190	2	4304731824	DRL		S	SWNE	ALGER PASS #1		10828
S110 E190	11	4304731108	PGW	WSTC	S	NWSE	KING'S CANYON 1-11		1365
S110 E200	3	4304731178	PGW	MVRD	S	SWSW	LAFKAS FED 1-3		1367
S110 E200	5	4304731818	DRL		S	SESW	WILLOW CREEK UNIT #2		10804
S110 E200	10	4304731026	PGW	WSTC	S	NESW	HILL FED 1-10		1368
S110 E200	27	4304731775	SGW	WSTC	S	SWNE	WILLOW CREEK UNIT #1		10804
S110 E210	3	4304730766	PGW	WSTC	S	SWSW	LOVE UNIT B2-3		1366
S110 E210	4	4304730640	PGW	WSTC	S	NWSW	LOVE UNIT 4-1		1366
S110 E210	7	4304730148	SGW	WSTC	S	NWNE	NATURAL 1-7		6129
S110 E210	8	4304730189	PA	MVRD	S	NESW	HOPE UNIT 2-8		10150
S110 E210	10	4304730709	PGW	WSTC	S	SESW	LOVE UNIT B1-10		1366
S110 E210	11	4304730617	PGW	MVRD	S	NESW	LOVE UNIT #1		1366
S110 E210	12	4304730638	PGW	WSTC	S	NWSW	LOVE UNIT 1-12		1366
S110 E220	2	4304731489	PGW	MVRD	S	NENE	ARMY BENCH STATE 1-2		9871
S110 E220	3	4304730524	PGW	MVRD	S	SWNE	BTR CREEK FED #1-3		1460
S110 E220	10	4304731760	DRL		S	NENE	LIZZARD CREEK FEDERAL #2-		99999
S110 E220	10	4304731475	PGW	MVRD	S	NWRW	LIZZARD CREEK FEDERAL 1-		9870
S110 E220	18	4304730706	PGW	WSTC	S	SESW	LOVE UNIT A1-18		1366
S110 E220	33	4304731778	SGW	WSTC	S	NWSE	EAST BENCH UNIT #1		10795
S110 E230	1	4304715807	PGW	WSTC	S	NWSE	RAINBOW UNIT #4		1355
S110 E230	5	4304731689	PGW	WSTC	S	SWSE	CRACKER FEDERAL #3		10581
S110 E230	7	4304731748	SGW	WSTC	S	SENE	CRACKER FEDERAL #4		10669
MORE?									
S110 E230	8	4304731532	SGW	WSTC	S	SENE	CRACKER FED. #1		6693
S110 E230	8	4304731690	SGW	WSTC	S	SESE	CRACKER FEDERAL #2		6694
S110 E230	9	4304715811	PGW	WSTC	S	SENE	ROCKHOUSE UNIT 4		2025
S110 E230	10	4304715807	SGW	WSTC	S	SESE	ROCKHOUSE UNIT #1		2025
S110 E230	10	4304715809	SGW	MVRD	S	SESE	ROCKHOUSE UNIT #1		2025
S110 E230	11	4304715810	SGW	WSTC	S	NWSE	ROCKHOUSE UNIT #3		2025
S110 E230	11	4304715810	SGW	MVRD	S	NWSE	ROCKHOUSE UNIT #3		2025
S110 E230	12	4304731603	SGW	MVRD	S	SWSE	ROCKHOUSE FEDERAL "A" #1		9841
S110 E230	13	4304715812	SGW	WSTC	S	SWSE	ROCKHOUSE UNIT #5A		2025
S110 E230	14	4304731806	SGW	WSTC	S	SESE	ROCKHOUSE UNIT #44-14		10793
S110 E230	23	4304715815	PGW	WSTC	S	SENE	ROCKHOUSE UNIT #8		2025
S110 E240	8	4304715805	SGW	MVRD	S	NESW	RAINBOW UNIT #1		2010
S110 E240	8	4304715805	SGW	WSTC	S	NESW	RAINBOW UNIT #1		2010
S110 E240	8	4304715805	NSW	GRV	S	NESW	RAINBOW UNIT #1		2010
S110 E240	18	4304715806	SGW	MVRD	S	NESW	RAINBOW UNIT 2A		1350
S110 E240	18	4304715806	SGW	WSTC	S	NESW	RAINBOW UNIT 2A		1350
S110 E240	18	4304715806	NSW	GRV	S	NESW	RAINBOW UNIT 2A		1350
S110 E250	12	4304731803	SGW	DKTA	S	SENE	HELL'S HOLE FEDERAL 1-12		10813
S110 E250	36	4304731307	SGW	BURKH	S	SESW	EVACUATION CREEK #1		6691

should  
this be  
Be  
# 1366  
also  
Verrr



ENTER COMMAND >ASEL  
73 RECORD(S) SELECTED

ENTER COMMAND >  
AUTOPRINT NO

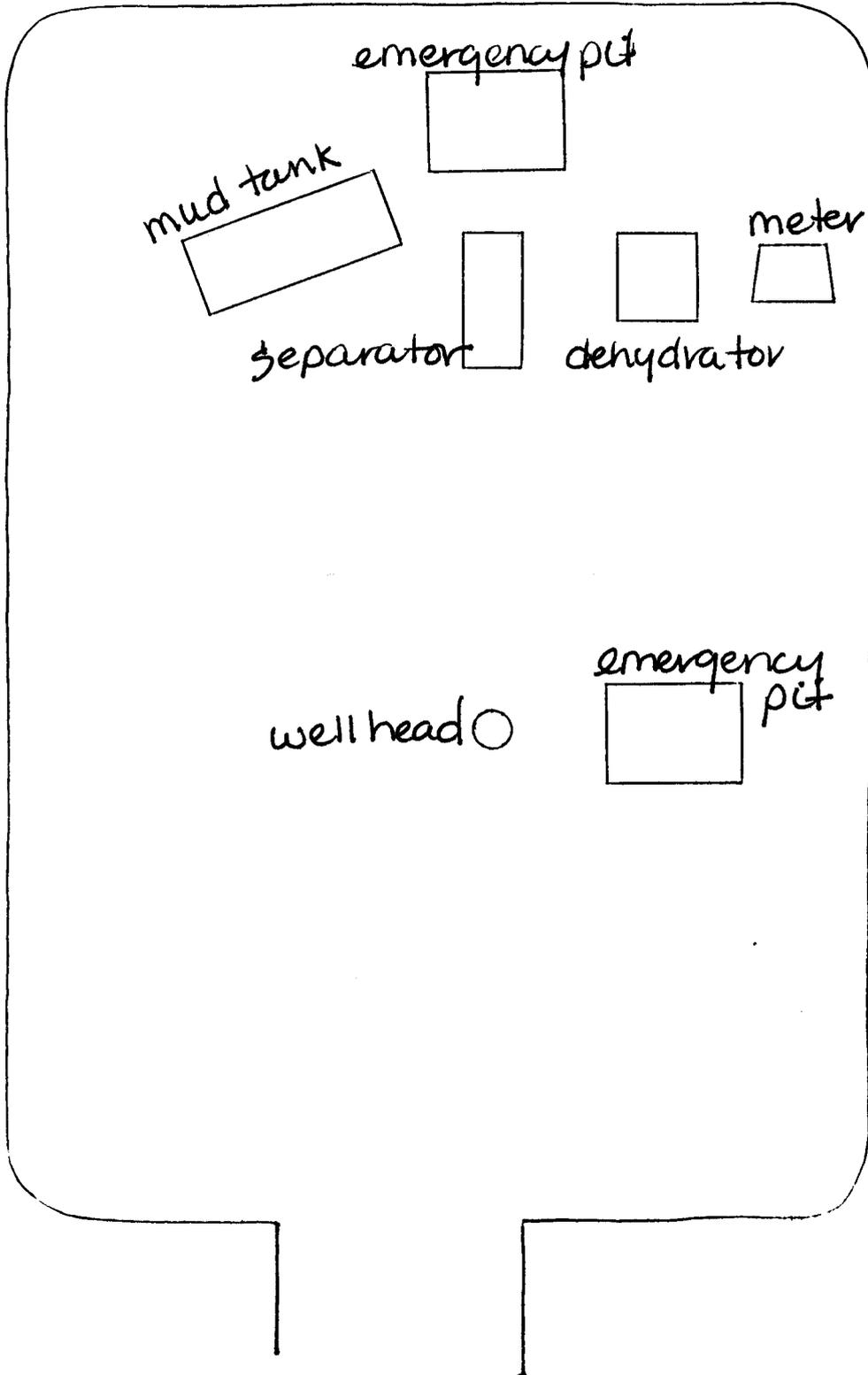
880613 Entity chg. as per review to 1366:  
YCF

Love U. # A1-18 Sec 18, T11S, R22E Chubly 12/8/88



stockpile

top soil stockpile



STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPPLICATE\*  
(Other instructions on re-verse side)

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. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-8348
2. NAME OF OPERATOR Apache Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
3. ADDRESS OF OPERATOR 1700 Lincoln, Ste. 1900, Denver, CO 80203-4519		7. UNIT AGREEMENT NAME N/A
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 901' FSL, 1743' FWL		8. FARM OR LEASE NAME Love Unit
14. PERMIT NO. 43-047-30700		9. WELL NO. A1-18
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5808' GR		10. FIELD AND POOL, OR WILDCAT
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 18-T11S-R22E
		12. COUNTY OR PARISH Uintah
		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 type="checkbox"/>	(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.) \*

The above captioned well has been shut-in more than 30 consecutive days due to lack of gas market.

OIL AND GAS	
-DRN	
JRB	CLH
DTS	SLS
1-TAS	
2-	MICROFILM
3-	FILE

18. I hereby certify that the foregoing is true and correct  
SIGNED Carolyn D. Hepp TITLE Engineering Technician DATE 1/3/90  
(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT— for such proposals		
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)	5. Lease Designation and Serial Number <b>U-8348</b>	
2. Name of Operator <b>Apache Corporation</b>	7. Indian Allottee or Tribe Name <b>N/A</b>	
3. Address of Operator <b>1700 Lincoln, Ste. 1900, Denver, CO</b>	4. Telephone Number <b>303/837-5000</b>	8. Unit or Communitization Agreement <b>Love Unit</b>
5. Location of Well Footage : <b>901' FSL, 1743' FWL</b> QQ, Sec. T., R., M. : <b>SE SW Sec. 18-11S-22E</b>		9. Well Name and Number <b>Love Unit A1-18</b>
		10. API Well Number <b>43-047-30706</b>
		11. Field and Pool, or Wildcat <b>Love</b>
12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA		

<p style="text-align: center;"><b>NOTICE OF INTENT</b> (Submit in Duplicate)</p> <table style="width:100%;"> <tr> <td><input type="checkbox"/> Abandonment</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Recompletion</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Multiple Completion</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input type="checkbox"/> Other _____</td> <td></td> </tr> </table> <p>Approximate Date Work Will Start _____</p>	<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Other _____		<p style="text-align: center;"><b>SUBSEQUENT REPORT</b> (Submit Original Form Only)</p> <table style="width:100%;"> <tr> <td><input type="checkbox"/> Abandonment *</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input checked="" type="checkbox"/> Other <u>Annual Status Report</u></td> <td></td> </tr> </table> <p>Date of Work Completion _____</p> <p style="font-size: small;">Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.</p>	<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off	<input checked="" type="checkbox"/> Other <u>Annual Status Report</u>	
<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction																										
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing																										
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion																										
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<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off																										
<input type="checkbox"/> Other _____																											
<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction																										
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing																										
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize																										
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare																										
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off																										
<input checked="" type="checkbox"/> Other <u>Annual Status Report</u>																											

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. 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 captioned well is currently shut-in due to lack of gas market. No future plans except for routine lease maintenance are anticipated for this well.

RECEIVED  
FEB 19 1992  
DIVISION OF  
OIL GAS & MINING

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

Name & Signature Carolyn D. Hepp Title Sr. Engr. Tech. Date 2/14/92

(State Use Only)

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

6. Lease Designation and Serial Number

U-8348

7. Indian Allottee or Tribe Name

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT for such proposals.

8. Unit or Communitization Agreement

Love Unit

1. Type of Well

- Oil Well     Gas Well     Other (specify)

9. Well Name and Number

Love Unit A1-18

2. Name of Operator

Apache Corporation

10. API Well Number

43-047-30706

3. Address of Operator

1700 Lincoln, Ste. 1900, Denver, CO

4. Telephone Number

303/837-5000

11. Field and Pool, or Wildcat

Love

5. Location of Well

Footage : 901' FSL, 1743' FWL

County : Uintah

QQ, Sec. T., R., M. : Sec. 18-T11S-R22E

State : UTAH

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT  
(Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment             | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion     | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____             |   |

SUBSEQUENT REPORT  
(Submit Original Form Only)

- |   |   |
|---|---|
| <input type="checkbox"/> Abandonment *                              | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair                              | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                            | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Conversion to Injection                    | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat                             | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other <u>Change of Operator</u> |   |

Date of Work Completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Apache Corporation sold its interest in the subject well to:

Phoenix Hydrocarbons, Inc.  
P.O. Box 2802  
Midland, Texas 79702

BLM Bond Number: B-01258 (Planet Indemnity Co.)

Effective January 1, 1992.

RECEIVED

JUL 20 1992

DIVISION OF  
OIL, GAS & MINING

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

Name & Signature

*Alex Nash, Jr.*

Alex Nash, Jr. Title Engineering Mgr. Date 4-10-92

(State Use Only)

# Phoenix Hydrocarbons Operating Corp.

September 22, 1992

State of Utah  
Division Of Oil, Gas & Mining  
3 Triad Center, #350  
Salt Lake City, UT 84180-1203

RECEIVED  
SEP 25 1992

Attention: Lisha Romero

RE: Sundry Notices  
Apache Acquisition/Coors Energy Acquisition

Dear Lisha:

Enclosed you will find Sundry Notices for the above mentioned wells which Phoenix Hydrocarbons has recently acquired. If you should have any questions or require additional information please call.

I did talk with Sally at the BLM-Vernal Office and she informed she did have the proper paper work (since August 1991) and would have them approved today (from Phoenix Hydrocarbons Inc. to Phoenix Hydrocarbons Operating Corp.). so keep your fingers crossed that you will have the approval soon.

Sincerely,



Rhonda Patterson

/rgp  
Enclosures

# Phoenix Hydrocarbons Operating Corp.

Be advised that Phoenix Hydrocarbons Operating Corp. is considered to be the operator of the following wells:

Federal 2-10HB  
Lafkas 1-3  
State 14-16  
Love Unit Wells

and is responsible under the terms and conditions of the leases for the operations conducted on the leased lands.

Bond coverage for these wells is provided by Bond No. B01258 (Principal Planet Indemnity) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met.

**RECEIVED**

SEP 25 1992

DIVISION OF  
OIL, GAS & MINING

June 1, 1993

Phoenix Hydrocarbons Operating Corp.  
415 W. Wall, Suite 703  
Midland, Texas 79701

RE: Love Unit  
Uintah County, Utah

Gentlemen:

On May 17, 1993, we received an indenture, whereby Apache Corporation resigned as Unit Operator and Phoenix Hydrocarbons Operating Corp. was designated as Successor Unit Operator for the Love Unit, Uintah County, Utah.

The instrument is hereby approved effective June 1, 1993. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Love Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0663 will be used to cover all operations within the Love Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Vernal (w/enclosure)  
Division of Oil, Gas & Mining /  
Division of Lands and Mineral Operations U-942  
File - Love Unit (w/enclosure)  
MMS - Data Management Division  
Agr. Sec. Chron  
Fluid Chron.

U-922:TAThompson:tt:06-01-93

WELL STATUS REPORTS  
UTAH STATE OFFICE

INSPECTION ITEM	API NO.	WELL NUMBER	QTQT	SEC	TWN	RNG	WELL STATUS	LEASE NAME	OPERATOR
** INSPECTION ITEM 891018090A		LOVE WS HV A							
891018090A	430473061700S1	1-11	NESW	11	11S	21E	TA	UTU8344A	APACHE CORPORATION
891018090A	430473063800S1	1-12	NWSW	12	11S	21E	GSI	UTU8348	APACHE CORPORATION
891018090A	430473064000S1	4-1	NWSW	4	11S	21E	TA	UTU8347	APACHE CORPORATION
891018090A	430473070600S1	A1-18	SESW	18	11S	22E	GSI	UTU8348	APACHE CORPORATION
891018090A	430473070900S1	B1-10	SESW	10	11S	21E	TA	UTU8347	APACHE CORPORATION
891018090A	430473076600S1	B2-3	SWSW	3	11S	21E	PGW	UTU8347	APACHE CORPORATION

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

Routing:

1- <del>LEC</del>	7- <del>VAC</del>
2- <del>DTS</del>	<del>ATS</del>
3- <del>VLC</del>	
4- <del>RJF</del>	
5- <del>FILM</del>	
6- <del>ADA</del>	

Attach all documentation received by the division regarding this change.  
 Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold)       Designation of Agent  
 Designation of Operator       Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 1-1-92)

TO (new operator)	<u>PHOENIX HYDRO OPER CORP</u>	FROM (former operator)	<u>APACHE CORPORATION</u>
(address)	<u>PO BOX 2802</u>	(address)	<u>1700 LINCOLN STE 1900</u>
	<u>MIDLAND TX 79702</u>		<u>DENVER CO 80203-4520</u>
	<u>RHONDA PATTERSON</u>		<u>ALEX NISH</u>
	phone <u>(915) 682-1186</u>		phone <u>(303) 837-5000</u>
	account no. <u>N 9880</u>		account no. <u>N5040</u>

Well(s) (attach additional page if needed):

**\*LOVE UNIT**

Name: <u>*LOVE U A1-18/WSTC</u>	API: <u>43-047-30706</u>	Entity: <u>1366</u>	Sec <u>18</u> Twp <u>11S</u> Rng <u>22E</u>	Lease Type: <u>U-8348</u>
Name: <u>*LOVE U B1-10/WSTC</u>	API: <u>43-047-30709</u>	Entity: <u>1366</u>	Sec <u>10</u> Twp <u>11S</u> Rng <u>21E</u>	Lease Type: <u>U-8347</u>
Name: <u>*LOVE U B2-3/WSTC</u>	API: <u>43-047-30766</u>	Entity: <u>1366</u>	Sec <u>3</u> Twp <u>11S</u> Rng <u>21E</u>	Lease Type: <u>U-8347</u>
Name: <u>*LOVE U #1/MVRD &amp; WSTC</u>	API: <u>43-047-30617</u>	Entity: <u>1366</u>	Sec <u>11</u> Twp <u>11S</u> Rng <u>21E</u>	Lease Type: <u>U-8344</u>
Name: <u>*LOVE U 1-12/WSTC</u>	API: <u>43-047-30638</u>	Entity: <u>1366</u>	Sec <u>12</u> Twp <u>11S</u> Rng <u>21E</u>	Lease Type: <u>U-8344</u>
Name: <u>*LOVE U 4-1/WSTC</u>	API: <u>43-047-30640</u>	Entity: <u>1366</u>	Sec <u>4</u> Twp <u>11S</u> Rng <u>21E</u>	Lease Type: <u>U-8347</u>
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

- Sec 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 7-20-92)*
- Sec 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Reg. 8-25-92) (Rec'd 9-25-92)*
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_\_ If yes, show company file number: \_\_\_\_\_
- Sec 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- Sec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(6-10-93)*
- Sec 6. Cardex file has been updated for each well listed above. *(6-10-93)*
- Sec 7. Well file labels have been updated for each well listed above. *(6-10-93)*
- Sec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(6-10-93)*
- Sec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- N/A 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- N/A 2. A copy of this form has been placed in the new and former operators' bond files.
- Lee 3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date                      19    . If yes, division response was made by letter dated                      19    .

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- Lee 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated                      19    , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

MICROFILMING

- Lee 1. All attachments to this form have been microfilmed. Date: 6-8- 1993.

FILED

- Lee 1. Copies of all attachments to this form have been filed in each well file.
- Lee 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

930610 Bfm/S.Y. Approved effective 6-1-93.

# Phoenix Hydrocarbons Operating Corp.

December 20, 1993

State of Utah  
Division of Oil, Gas, & Mining  
3 Triad Center, #350  
Salt Lake City, UT 84180-1203

FEB 28 1994

Attention: Lisha Cordova

RE: Change Of Operator  
Sundry Notices

Dear Lisha:

Effective January 1, 1994, Phoenix Hydrocarbons Operating Corp. will transfer all operations in Utah to Snyder Oil Corporation.

Snyder Oil Corporation is covered by Utah State Bond #582488 and Federal Bond #579354 (Guld Insurance Company).

Attached you will find a list of all wells to be Operated by Snyder Oil Corporation. Please note: all of Phoenix Hydrocarbon Operating Corp.'s well should be transfered.

If you should have any questions, please call.

Sincerely,



Rhonda Patterson

encl.

Post-it™ Fax Note		7671	Date	# of pages ▶ 3
To	Lisha		From	Cynthia Brubaker
Co./Dept.			Co.	
Phone #			Phone #	
Fax #			Fax #	

# UINTAH COUNTY

Well Name	LEASE NUMBER	API NUMBER	LOCATION
Gulf State 36-11	ML-22057	43-047-31350	SEC 36, T-8-S, R-18-E
Gulf State 36-12	ML-22057	43-047-31864	SEC 36, T-8-S, R-18-E
Gulf State 36-13	ML-22057	43-047-31346	SEC 36, T-8-S, R-18-E
Gulf State 36-22	ML-22057	43-047-31892	SEC 36, T-8-S, R-18-E
Parlette Draw 28-44	FEE	43-047-31408	SEC 28, T-4-S, R-2-W
Federal Miller #1	UTU0136484	43-047-30034	SEC 4, T-7-S, R-22-E
Wolf Govt # 1	UTU076939	43-047-16609	SEC 6, T-7-S, R-22-E
McLish #1 (Walker-Hollow)	SL-066341	43-047-20280	SEC 8, T-7-S, R-23-E
McLish #2 (Walker-Hollow)	SL-066341	43-047-30011	SEC 8, T-7-S, R-23-E
McLish #3 (Walker-Hollow)	SL-066341	43-047-30027	SEC 8, T-7-S, R-23-E
McLish #4 (Walker-Hollow)	SL-066341	43-047-30030	SEC 8, T-7-S, R-23-E
Walker Hollow U-6	SL-066341	43-047-31034	SEC 8, T-7-S, R-23-E
Pan American #2	SL-066341	43-047-30038	SEC 8, T-7-S, R-23-E
Walker Hollow U-8	SL-066341	43-047-31092	SEC 8, T-7-S, R-23-E
Basin 6-1	UTU076939	43-047-31833	SEC 6, T-7-S, R-22-E
Basin 6-1	UTU076939	43-047-31834	SEC 6, T-7-S, R-22-E
Basin 6-2	UTU076939	43-047-31899	SEC 6, T-7-S, R-22-E
Southman 1-6	UTU33433	43-047-30858	SEC 6, T-10-S, R-23-E
Southman 4-4	UTU33433	43-047-30632	SEC 4, T-10-S, R-23-E
Southman 4-6	UTU33433	43-047-30633	SEC 6, T-10-S, R-23-E
East Gusher 16-1-A	UTU68067	43-047-31900	SEC 16, T-6-S, R-20-E
Coors 14-1-D	UTU65223	43-047-31304	SEC 14, T-7-S, R-21-E
East Gusher 2-1-A	ML-21181	43-047-31431	SEC 2, T-6-S, R-20-E
Madeline 4-3-C	UTU42469	43-047-32279	SEC 4, T-7-S, R-21-E
Federal 6-5-H	UTU68099	43-047-31903	SEC 6, T-7-S, R-21-E
Federal 11-1-M	UTU64376	43-047-32333	SEC 11, T-6-S, R-20-E
Flat Mesa 1-7	U-38420	43-047-30362	SEC 7, T-10-S, R-23-E
Flat Mesa 2-7	U-38420	43-047-30646	SEC 7, T-10-S, R-23-E
Crooked Canyon 1-17	U-37356	43-047-30389	SEC 17, T-10-S, R-23-E
Willow Creek 2	U-39223	43-047-31818	SEC 6, T-11-S, R-20-E
No Name Canyon 1-9	U-37356	43-047-30378	SEC 9, T-10-S, R-23-E
No Name Canyon 2-9	U-37356	43-047-31604	SEC 9, T-10-S, R-23-E
Canyon View Fed 1-18	U-38421	43-047-30379	SEC 18, T-10-S, R-23-E
Alger Pass #1	ML-38213	43-047-31824	SEC 2, T-11-S, R-19-E
Sage Hen 1-6	U-38419	43-047-30382	SEC 6, T-10-S, R-23-E
Sagebrush 1-8	U-37356	43-047-30383	SEC 8, T-10-S, R-23-E
Southman Canyon SWD 3	U-38427	43-047-16980	SEC 16, T-10-S, R-23-E
Jack Rabbit 1-11	U-38425	43-047-30423	SEC 11, T-10-S, R-23-E
Chit Edge 1-16	U-38427	43-047-30482	SEC 16, T-10-S, R-23-E
White River 1-14	U-38427	43-047-30481	SEC 14, T-10-S, R-23-E
Bitter Creek Fed 1-3	U-29797	43-047-30624	SEC 3, T-11-S, R-22-E
Lookout Point 1-16	ML-22186-A	43-047-30544	SEC 16, T-10-S, R-23-E
Peter's Flat Fed 1-1	U-40736	43-047-30598	SEC 1, T-10-S, R-23-E
Shepherd Fed 1-10	U-38261	43-047-30599	SEC 10, T-10-S, R-23-E
NSO Fed 1-12	U-38422	43-047-30580	SEC 12, T-10-S, R-23-E
Cottonwood Wash #1	U-40729	43-047-31774	SEC 10, T-12-S, R-21-E
Willow Creek #1	U-34705	43-047-31776	SEC 27, T-11-S, R-20-E
East Bench #1	U-25860	43-047-31778	SEC 33, T-11-S, R-22-E
Lizzard Creek 1-10	U-25860	43-047-31476	SEC 10, T-11-S, R-22-E
Archy Bench #1-2	ML-22348-A	43-047-31489	SEC 2, T-11-S, R-22-E
Coors 2-10-HB	UTU-65222	43-047-32009	SEC 10, T-7-S, R-21-E
E Gusher #3	SL-065841-A	43-047-16590	SEC 3, T-6-S, R-20-E
Natural 1-7	U-8346	43-047-30148	SEC 7, T-11-S, R-21-E
Bonanza Federal 3-15	U-38426	43-047-31278	SEC 15, T-10-S, R-23-E
Larkas 1-3	CR201	43-047-31178	SEC 3, T-11-S, R-20-E
State 14-16	ML-40904	43-047-31417	SEC 16, T-7-S, R-21-E
Love Unit 1-18	891018090A	43-047-30708	SEC 18, T-11-S, R-22-E
Love Unit 1-11	891018090A	43-047-30917	SEC 11, T-11-S, R-21-E
Love Unit 1-12	891018090A	43-047-30636	SEC 12, T-11-S, R-21-E
Love Unit 4-1	891018090A	43-047-30640	SEC 4, T-11-S, R-21-E
Love Unit B-1-10	891018090A	43-047-30709	SEC 10, T-11-S, R-21-E
Love Unit B-2-3	891018090A	43-047-30766	SEC 3, T-11-S, R-21-E
Horseshoe Bend #2 (Aka)	U-0142176	43-047-16800	SEC 3, T-7-S, R-21-E

# DUCHESNE COUNTY

<b>Well Name</b>	<b>LEASE NUMBER</b>	<b>API NUMBER</b>	<b>LOCATION</b>
Pleasant Valley 24-32	FEE	43-013-30888	SEC 24, T-4-S, R-2-W
Castle Peak 1-3	U-47172	43-013-30639	SEC 3, T-9-S, R-16-E
Monument Butte 1-3	U-44004	43-013-30642	SEC 3, T-9-S, R-17-E
Monument Butte 2-3	U-61252	43-013-30810	SEC 3, T-9-S, R-17-E

**SNYDER OIL CORPORATION**  
1625 Broadway, Suite 2200  
Denver, Colorado 80202  
Phone 303-592-8579

RECEIVED  
FEB 07 1994  
DIVISION OF  
OIL, GAS & MINING

January 13, 1994

State of Utah  
Division of Oil, Gas, & Mining  
3 Triad Center, #350  
Salt Lake City, UT 84180-1203

Attention: Lisha Cordova

RE: Change of Operator  
Sundry Notices

Dear Ms. Cordova:

Effective January 1, 1994, Phoenix Hydrocarbons Operating Corp. will transfer all operations in Utah to Snyder Oil Corporation.

Snyder Oil Corporation is covered by Utah State Bond #582488 and Federal Bond #579354 (Guld Insurance Company).

Attached you will find a list of all wells to be operated by Snyder Oil Corporation. Please note: all of Phoenix Hydrocarbon Operating Corp.'s wells should be transferred.

If you should have any questions, please call.

Sincerely,  
  
Steven G. Van Hook  
Attorney-in-Fact

Enclosures

**INTEROFFICE COMMUNICATION**  
**SNYDER OIL CORPORATION**

**TO:** George Rooney  
**FROM:** Steve Van Hook *SVH*  
**DATE:** January 17, 1994  
**RE:** Phoenix Acquisition  
Transfer of Operator Forms

FFB 07 1994  
DIVISION OF  
OIL, GAS & MINING

Accompanying this memo are the following items related to the Phoenix acquisition which require your further handling:

*CBK  
Needs  
Copies*

- ① Original letter dated 12/20/93 from Phoenix to the State of Utah Oil, Gas & Mining Division, with exhibit listing all wells in which SOCO becomes operator. Please mail ASAP with our enclosed cover letter advising SOCO is assuming operations.
- ② Separate executed forms to transfer operations on the Southman Canyon SWD #3 well. Please complete the contact portion of these forms and forward for approval with the State of Utah.
3. For the Walker Hollow Unit, enclosed is a 1/14/94 cover letter from Phoenix Hydrocarbon with a Sundry Notice executed by SOCO and Phoenix for the following unit wells:
  - McLish #1, 2, 3, 4
  - Pan Am #2
  - Walker Hollow U6, J8
4. For operated wells on Federal lands, a separate file for the following wells is enclosed containing in each three original Sundry Notices of the BLM executed by SOCO and Phoenix. Please file with the BLM in triplicate for the following wells:

Castle Peak 1-3	No Name 2-9, 1-9
Canyon View 1-18	Willow Creek #2
Crooked Canyon 1-17	Flat Mesa 2-7
Federal 11-1-M	Flat Mesa 1-7
Madelive 4-3-C	Gusher 15-1-A
Coors 1-14-D	Southman Canyon 4-5, 4-4, 1-5
Baser 5-1	Baser Draw 6-2, 6-1

Memo Re: Phoenix/Transfer of Operator Forms  
January 17, 1994  
Page 2

Wolf Govt. Federal #1  
Monument Butte 2-3  
Pete's Flat Federal 1-1  
Willow Creek #1  
Cliff Edge Fed 1-15  
E. Gusher No. 3  
Lizzard Creek 1-10  
Federal 3-15  
Monument Butte 1-3

Federal Miller 1  
Sage Brush 1-8  
Bitter Creek Federal 1-3  
White River 1-14  
Southman Canyon SWD #3  
Federal 2-10 HB  
Horseshoe Bend 2  
Natural 1-7 (Love Unit)

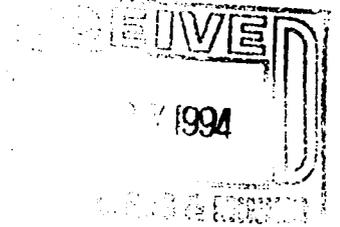
Please advise should any questions arise.

SVH/lk

Attachments

**COPY**

Bureau of Land Management  
Branch of Fluid Minerals  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155



June 24, 1994

Snyder Oil Corporation  
777 Main Street, Suite 2500  
Fort Worth, Texas 76102

RE: Love Unit  
Uintah County, Utah

Gentlemen:

On June 21, 1994, we received an indenture whereby Phoenix Hydrocarbons Operating Corporation resigned as Unit Operator and Snyder Oil Corporation was designated as Successor Unit Operator for the Love Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective June 24, 1994.

Your nationwide (Wyoming) oil and gas bond No. 2272 will be used to cover all operations within the Love Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Vernal (w/enclosure)  
Division of Oil, Gas & Mining  
Division of Lands and Mineral Operations U-942  
File - Love Unit (w/enclosure)  
MMS - Data Management Division  
Agr. Sec. Chron  
Fluid Chron

U-922:TAThompson:tt:06-24-94

WELL STATUS REPORTS  
UTAH STATE OFFICE

INSPECTION ITEM	API NO.	WELL NUMBER	QTQT	SEC	TWN	RNG	WELL STATUS	LEASE NAME	OPERATOR
** INSPECTION ITEM 891018090A		LOVE WS MV A							
891018090A	430473061700S1	1-11	NESW	11	11S	21E	PGW	UTU8344A	PHOENIX HYDROCARBONS OPER
891018090A	430473063800S1	1-12	NWSW	12	11S	21E	PGW	UTU8348	PHOENIX HYDROCARBONS OPER
891018090A	430473064000S1	4-1	NWSW	4	11S	21E	TA	UTU8347	PHOENIX HYDROCARBONS OPER
891018090A	430473070600S1	A1-18	SESW	18	11S	22E	PGW	UTU8348	PHOENIX HYDROCARBONS OPER
891018090A	430473070900S1	B1-10	SESW	10	11S	21E	TA	UTU8347	PHOENIX HYDROCARBONS OPER
891018090A	430473076600S1	B2-3	SWSW	3	11S	21E	TA	UTU8347	PHOENIX HYDROCARBONS OPER

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

Routing:

1- <del>REC</del> 7-PL	✓
2-LWP 8-SJ	✓
3- <del>OTS</del> 9-FILE	✓
4-VLC	✓
5-RJF	✓
6-LWP	✓

Attach all documentation received by the division regarding this change.  
 Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold)       Designation of Agent  
 Designation of Operator       Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 1-1-94)

TO (new operator)	<u>SNYDER OIL CORPORATION</u>	FROM (former operator)	<u>PHOENIX HYDRO OPER CORP</u>
(address)	<u>PO BOX 129</u>	(address)	<u>PO BOX 2802</u>
	<u>BAGGS, WY 82321</u>		<u>MIDLAND, TX 79702</u>
	<u>KATHY STAMAN</u>		<u>RHONDA PATTERSON</u>
	phone <u>(307) 383-2800</u>		phone <u>(915) 682-1186</u>
	account no. <u>N1305</u>		account no. <u>N9880</u>

Well(s) (attach additional page if needed):

**\*LOVE UNIT**

Name: <u>LOVE UNIT 1/MVRD &amp; WS</u>	API: <u>43-047-30617</u>	Entity: <u>1366</u>	Sec <u>11</u> Twp <u>11S</u> Rng <u>21E</u>	Lease Type: <u>U8344</u>
Name: <u>LOVE UNIT 1-12/WSTC</u>	API: <u>43-047-30638</u>	Entity: <u>1366</u>	Sec <u>12</u> Twp <u>11S</u> Rng <u>21E</u>	Lease Type: <u>U8344</u>
Name: <u>LOVE UNIT 4-1/WSTC</u>	API: <u>43-047-30640</u>	Entity: <u>1366</u>	Sec <u>4</u> Twp <u>11S</u> Rng <u>21E</u>	Lease Type: <u>U8347</u>
Name: <u>LOVE UNIT A1-18/WSTC</u>	API: <u>43-047-30706</u>	Entity: <u>1366</u>	Sec <u>18</u> Twp <u>11S</u> Rng <u>22E</u>	Lease Type: <u>U8348</u>
Name: <u>LOVE UNIT B1-10/WSTC</u>	API: <u>43-047-30709</u>	Entity: <u>1366</u>	Sec <u>10</u> Twp <u>11S</u> Rng <u>21E</u>	Lease Type: <u>U8347</u>
Name: <u>LOVE UNIT B2-3/WSTC</u>	API: <u>43-047-30766</u>	Entity: <u>1366</u>	Sec <u>3</u> Twp <u>11S</u> Rng <u>21E</u>	Lease Type: <u>U8347</u>
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

- Lee 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 2-28-94)*
- Lee 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 2-7-94)*
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_\_ If yes, show company file number: \_\_\_\_\_.
- Lee 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- LWP 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *6-29-94*
- LWP 6. Cardex file has been updated for each well listed above. *6-29-94*
- LWP 7. Well file labels have been updated for each well listed above. *6-29-94*
- Lee 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(6-29-94)*
- Lee 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

**ENTITY REVIEW**

- See* 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A* 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

**BOND VERIFICATION (Fee wells only)**

- N/A* 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- See* 2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date \_\_\_\_\_ 19\_\_\_\_. If yes, division response was made by letter dated \_\_\_\_\_ 19\_\_\_\_.

**LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY**

- N/A* 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated \_\_\_\_\_ 19\_\_\_\_, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- OTS*  
*6/30/94*
- N/A* 2. Copies of documents have been sent to State Lands for changes involving State leases.

**FILMING**

1. All attachments to this form have been microfilmed. Date: July 8 19 94.

**FILING**

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

**COMMENTS**

*940629 Bhm/S.Y. Aprv. eff. 6-24-94. (other wells handled on separate changes)*



Snyder Oil Corporation

P.O. Box 695  
Vernal, Utah 84078  
801/789-0323

February 29, 1996

Utah State Division of Oil Gas & Mining  
3 Triad Center, Suite #350  
355 W. North Temple  
Salt Lake City, UT 84180-1203

MAR - 1 1996

RE: Site Security Diagrams

Gentlemen:

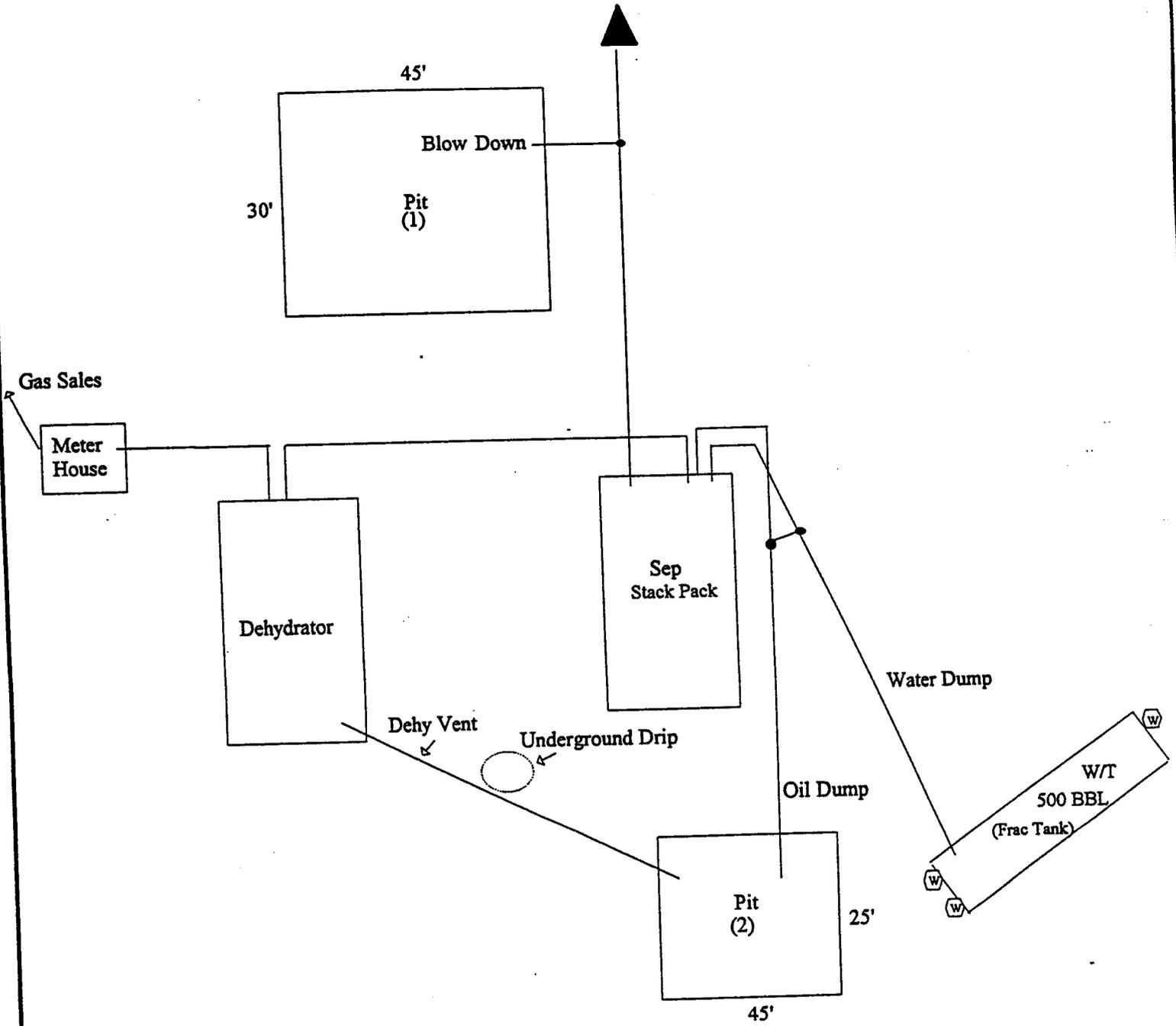
Enclosed are copies of Site Security Diagrams for wells operated by Snyder Oil Corporation. We will send you copies of the rest of the diagrams when we receive them from Buys and Associates. If you have any questions, please contact me at 801-789-0323.

Sincerely,

A handwritten signature in cursive script that reads 'Lucy Nemec'.

Lucy Nemec  
Senior Clerk

Love Unit 1-18



SITE SECURITY PLAN LOCATED AT:

SNYDER OIL CORPORATION  
P.O. BOX 695  
VERNAL, UT 84078

42-047-30706

Snyder Oil Corporation

Love Unit A1-18  
SWSE Sec. 18 T11S R22E  
Uinta County, UT  
Lease # U-8348

Prepared By: JT  
Revised By: KR

BUYS & ASSOCIATES, INC.  
Environmental Consultants

**SNYDER OIL CORPORATION**

**VALVING DETAIL**

(Site Security Diagram Attachment)

**Position of Valves and Use of Seals for Tanks in Production Phase**

<b>Valve</b>	<b>Line Purpose</b>	<b>Position</b>	<b>Seal Installed</b>
E	Overflow/Equalizer	Closed	Yes
F	Fill	Open	No
W	Water	Closed	Yes
D	Drain	Closed	Yes
S	Sales	Closed	Yes

**Position of Valves and Use of Seals for the Tank in Sales Phase**

<b>Valve</b>	<b>Line Purpose</b>	<b>Position</b>	<b>Seal Installed</b>
E	Overflow/Equalizer	Closed	Yes
F	Fill	Closed	Yes
W	Water	Closed	Yes
D	Drain	Closed	Yes
S	Sales	Closed*	Yes

\*The sales line will be opened by the purchaser at the time of sale. Until that time the sales line will remain closed and sealed.

**SUCO**  
Snyder Oil Corporation  
Southern Region

1200 Smith, Suite 3300  
Houston, Texas 77002  
713-646-6600

June 7, 1999

State of Utah  
Division of Oil, Gas & Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203

RE: \$80,000 Surety Blanket P & A Bond #5736975

Dear Sir or Madam:

Santa Fe Snyder Corporation was formed when Snyder Oil Corporation was merged into Santa Fe Energy Resources, Inc. on May 5, 1999. Copies of the approved merger, issued by the Delaware Secretary of State, are enclosed for your files.

As this merger causes "Snyder" to cease to exist and their activities are covered by bond #JZ7777, please release bond # 5736975 and return it to the sender.

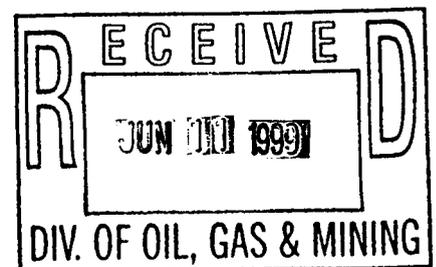
Thank you for your assistance in this matter.

Very truly yours,



Phillip W. Bode

Enclosure



**Santa Fe Energy Resources, Inc.**

June 7, 1999

State of Utah  
Division of Oil, Gas & Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203

RE: \$80,000 Surety Blanket P & A Bond #JZ7777

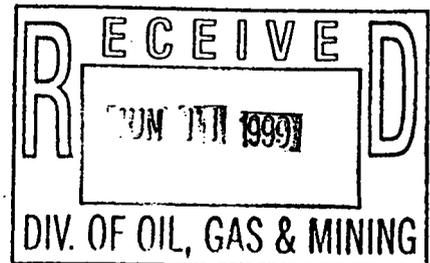
Dear Sir or Madam:

Enclosed is the above bond for Santa Fe Snyder Corporation. This corporation was formed when Snyder Oil Corporation was merged into Santa Fe Energy Resources, Inc. on May 5, 1999. Copies of the approved merger, issued by the Delaware Secretary of State, are enclosed for your files.

Thank you for your assistance in this matter.

Very truly yours,

  
Phillip W. Bode



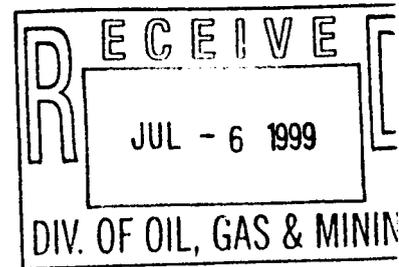
Enclosure



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155



In Reply Refer To:  
3106  
U-19037 et al  
(UT-932)

JUL 1 1999

### NOTICE

Santa Fe Snyder Corporation : Oil and Gas  
840 Gessner, Suite 1400 :  
Houston, TX 77024 :

Merger Recognized  
Name Change Recognized

Acceptable evidence has been filed in this office concerning the merger of Snyder Oil Corporation into Santa Fe Energy Resources, Inc. and the name being subsequently changed to Santa Fe Snyder Corporation as the surviving entity.

For our purposes the merger and name change are recognized effective June 1, 1999, per company request.

The oil and gas lease files identified on the enclosed exhibits have been noted as to the merger and name change. The exhibits were compiled from lists supplied by Santa Fe Snyder Corporation. We have not adjudicated the case files to determine if the entities affected by the merger and name change hold an interest in the leases identified, nor have we attempted to identify leases where the entities are the operator on the ground, maintaining no vested record title or operating rights interest. We are notifying the Minerals Management Service and all applicable BLM offices of the merger and name change by a copy of this notice. If additional documentation for a change of operator are required by our Field Offices, you will be contacted by them.

By recognition of the merger and the name change the principal on bonds held by Snyder and Santa Fe are automatically changed to Santa Fe Snyder Corporation. Riders to Nationwide Bond No. 400JF 5493 (BLM Bond No. UT0855) and Nationwide Bond No. 5473615 (BLM Bond No. WY2912) have been filed in the Utah State Office. It is the request of Santa Fe Snyder Corporation to change the name on BLM Bond No. UT0855 to reflect the merger/name change, and to terminate the period of liability on BLM Bond No. WY2912. A decision regarding this matter will follow in due course.

**Christopher J. Merritt**

Christopher J. Merritt  
Acting Group Leader,  
Minerals Adjudication Group

#### Enclosures

1. Santa Fe Energy Resources, Inc. Exhibit of Leases
2. Snyder Oil Corporation Exhibit of Leases

cc: All State Offices  
Moab Field Office  
Vernal Field Office  
MMS—Reference Data Branch, MS 3130, P.O. Box 5860, Denver, CO 80217  
State of Utah, DOGM, Attn: Kristen Risbeck (Ste. 1210) Box 145801, SLC, UT 84114-5801  
St. Paul Fire & Marine Insurance Co., 385 Washington St., St. Paul, MN 55102  
SAFECO Insurance Company of America, SAFECO Plaza, Seattle, WA 98185  
Santa Fe Snyder Corp., Attn: Phyllis Sobotik, 1625 Broadway, #2200, Denver, CO 80202  
Irene Anderson (UT-932)  
Teresa Thompson (UT-931)

SANTA FE LEASES

<u>LESSOR</u>	<u>STATE</u>	<u>LESSOR</u>	<u>STATE</u>
BLM NMNM-92488	NM	BLM WYW-59145	WY
BLM NMNM-45235	NM	BLM WYW-43661	WY
BLM NMNM-24877	NM	BLM WYW-0311938	WY
BLM NMNM-93398	NM	BLM WYW-52562	WY
BLM NMNM-96591	NM	BLM WYW EV-022932	WY
BLM NMNM-77894	NM	BLM WYW-27645	WY
BLM NMNM-65900	NM	BLM WYW-043930-A	WY
BLM NMNM-87977	NM	BLM WYW EV-026056	WY
BLM NMNM-65864	NM	BLM WYW-0322610	WY
BLM NMNM-95879	NM	BLM WYW-0320213	WY
BLM NMNM-97394	NM	BLM EV-023313-A	WY
BLM NMNM-98005	NM	BLM WYW-9578	WY
BLM NMNM-98006	NM	BLM WYW-96918	WY
BLM NMNM-98010	NM	BLM WYW-0320078	WY
BLM NMNM-95418	NM	BLM WYW-035599	WY
BLM NMNM-25667	NM	BLM WYW-2120	WY
BLM NMNM-98300	NM	BLM WYEV-024469	WY
BLM NMNM-98033	NM	BLM WYW-0136175	WY
BLM NMNM-998271	NM	BLM WYW-0136177	WY
BLM NMNM-98305	NM	BLM WYW-05991	WY
BLM NMNM-91179	NM	BLM WYW-02736	WY
BLM NMNM-85420	NM	BLM WYW EV-025548	WY
BLM NMNM-100956	NM	BLM EV-023313-E	WY
BLM NMNM-58393	NM	BLM EV-023313-B	WY
BLM OKNM 23555	OK	BLM WYW-21124	WY
BLM NM 15074 (OKLA)	OK	BLM WYW EV-022931	WY
BLM UTU-19037	UT	BLM WYW-61240	WY
BLM UTU-55626	UT	BLM WYW-18480	WY
BLM UTU-38354	UT	BLM WYW-51654	WY
BLM UTU-38401	UT	BLM WYW-50676	WY
BLM UTU-38430	UT	BLM COC-036289 A&B	WY
BLM UTU-42823	UT	BLM WYW-0942	WY
BLM WYEV-026201	WY	BLM WYW-63210	WY
BLM WYW-35860	WY	BLM WYW-66866	WY
BLM WYW-47198	WY	BLM WYW-102793	WY
BLM WYEV-022765	WY	BLM WYW-107726	WY
BLM WYEV-023941	WY	BLM W-70335	WY
BLM WYEV-026196	WY	BLM W-70496	WY
BLM WYEV-026201	WY	BLM W-70326	WY
BLM WYEV-026202	WY	BLM W-55746	WY
BLM WYEV-026204	WY	BLM W-56480	WY
BLM WYEV-026205	WY		
BLM WYEV-026208	WY		
BLM WYEV-026209	WY		
BLM WYW-04674	WY		
BLM WYW-023207	WY		
BLM WYW-023211	WY		
BLM WYW-0268735	WY		
BLM WYCHEY-037066	WY		
BLM WYW-58075	WY		
BLM WYW-17284	WY		
BLM WYW-17296	WY		
BLM WYW-17282(A)	WY		
BLM WYW-55067	WY		

**SNYDER LEASES**

<u>LESSOR</u>	<u>STATE</u>	<u>LESSOR</u>	<u>STATE</u>
USA COC-33237	CO	USA U-0136484	UT
USA COC-36719	CO	USA U-37573	UT
USA LAES 49122	LA	USA U-33433	UT
USA LAES 49123	LA	USA U-47172	UT
USA LAES 49124	LA	USA U-37355	UT
USA LAES 49125	LA	USA UTU-15855	UT
USA LAES 49127	LA	USA U-0142175	UT
USA LAES 49128	LA	USA UTU-02651	UT
USA LAES 49129	LA	USA UTU-02651-B	UT
USA LAES 49130	LA	USA U-34705	UT
USA LAES 49131	LA	USA U-40729	UT
USA LAES 49132	LA	USA U-58097	UT
USA LAES 49133	LA	USA U-30289	UT
USA LAES 49134	LA	USA UTU-72632	UT
USA LAES 49135	LA	USA UTU-73013	UT
USA LAES 49136	LA	USA UTU-64376	UT
USA LAES 49137	LA	USA UTU-38261	UT
USA LAES 49138	LA	USA UTU-28212	UT
USA LAES 49139	LA	USA UTU-28213	UT
USA LAES 49140	LA	USA UTU-38419	UT
USA LAES 49141	LA	USA U-53861	UT
USA LAES 49142	LA	USA UTU-38418	UT
USA LAES 49143	LA	USA UTU-66401	UT
USA LAES 49144	LA	USA U-38423	UT
USA LAES 49145	LA	USA UTU-38425	UT
USA LAES 49146	LA	USA U-38421	UT
USA LAES 49147	LA	USA UTU-38428	UT
USA LAES 49148	LA	USA U-38420	UT
USA LAES 49149	LA	USA UTU-34350	UT
USA LAES 49150	LA	USA UTU-39223	UT
USA LAES 49151	LA	USA U-64923	UT
USA LAES 49152	LA	USA UTU-40736	UT
USA LAES 49153	LA	USA U-075939	UT
USA LAES 49154	LA	USA U-70235	UT
USA LAES 49155	LA	USA UTU-44426	UT
USA LAES 49156	LA	USA UTU-57495	UT
USA LAES 49157	LA	USA UTU-57503	UT
USA LAES 49158	LA	USA UTU-52106	UT
USA LAES 49159	LA	USA UTU-59121	UT
USA LAES 49160	LA	USA UTU-73009	UT
USA LAES 49161	LA	USA UTU-73010	UT
USA LAES 49162	LA	USA UTU-50490	UT
USA LAES 49163	LA	USA UTU-65126	UT
USA LAES 49164	LA	USA UTU-49228	UT
USA LAES 49165	LA	USA UTU-53127	UT
USA LAES 49166	LA	USA UTU-65132	UT
USA LAES 49167	LA	USA UTU-63951	UT
USA LAES 49168	LA	USA UTU-47483	UT
USA LAES 49169	LA	USA UTU-63978	UT
USA LAES 49170	LA	USA UTU-69116	UT
USA LAES 49171	LA	USA UTU-65138	UT

**SNYDER LEASES**

<u>LESSOR</u>	<u>STATE</u>	<u>LESSOR</u>	<u>STATE</u>
USA LAES 49172	LA	USA UTU-54774	UT
USA LAES 49173	LA	USA UTU-71230	UT
USA LAES 49174	LA	USA UTU-71234	UT
USA LAES 49175	LA	USA UTU-44799	UT
USA LAES 49176	LA	USA UTU-57512	UT
USA LAES 49177	LA	USA UTU-53084	UT
USA LAES 49178	LA	USA UTU-53938	UT
USA LAES 49179	LA	USA UTU-61936	UT
USA LAES 49180	LA	USA UTU-47127	UT
USA LAES 49181	LA	USA UTU-53918	UT
USA LAES 49183	LA	USA UTU-47484	UT
USA LAES 49194	LA	USA UTU-53946	UT
USA LAES 49198	LA	USA UTU-53941	UT
USA LAES 49199	LA	USA UTU-42531	UT
USA LAES 49200	LA	USA U-49245	UT
USA LAES 49201	LA	USA U-50802	UT
USA MTM-38582-A	MT	USA UTU-0647	UT
USA MTM-63708	MT	USA UTU-50687	UT
USA M-13323 (ND)	ND	USA UTU-37116	UT
USA M-68863 (SD)	SD	USA UTU-59122	UT
USA UTU-70189	UT	USA UTU-63985	UT
USA UTU-73175	UT	USA UTU-52298	UT
USA UTU-73434	UT	USA UTU-7386	UT
USA UTU-73435	UT	USA UTU-67178	UT
USA UTU-73444	UT	USA UTU-67549	UT
USA UTU-73450	UT	USA UTU-74416	UT
USA U-8345	UT	USA UTU-74413	UT
USA U-14646	UT	USA UTU-73900	UT
USA U-66746	UT	USA UTU-67868	UT
USA UTU-42469	UT	USA UTU-74414	UT
USA U-65222	UT	USA UTU-49530	UT
USA U-61263	UT	USA UTU-53860	UT
USA UTU-29535	UT	USA UTU-34711	UT
USA U-25880	UT	USA UTU-46699	UT
USA U-65223	UT	USA UTU-73643	UT
USA U-29797	UT	USA UTU-0141804	UT
USA UTU-0109054	UT	USA UTU-75091	UT
USA UTU-8346	UT	USA UTU-75097	UT
USA U-8347	UT	USA UTU-74972	UT
USA UTU-8344	UT	USA UTU-75096	UT
USA U-8344-A	UT	USA UTU-74415	UT
USA UTU-8348	UT	USA UTU-38401	UT
USA U-38424	UT	USA UTU-38411	UT
USA U-38427	UT	USA UTU-31260	UT
USA SL-065841-A	UT	USA UTU-59654	UT
USA UTU-31736	UT	USA U-14219	UT
USA U-38426	UT	USA UTU-30123	UT
USA U-44090-A	UT	USA UTU-34714	UT
USA U-71694	UT	USA UTU-10134	UT
USA U-72028	UT	USA UTU-10830	UT
USA U-51026	UT	USA UTU-14223	UT

**Santa Fe Snyder Corporation**

July 2, 1999

Utah Division of Oil, Gas & Mining  
1594 W. North Temple, Suite 1210  
P. O. Box 145801  
Salt Lake City, Utah 84114-5801

Attn.: Ms. Kristen Risbeck

RE: Company Merger  
Surety Bond Number - JZ 7777  
Operator Number - N2000

Dear Ms. Risbeck:

Snyder Oil Corporation (SOCO) and Santa Fe Energy Resources, Inc. (Santa Fe) have merged to form Santa Fe Snyder Corporation (SFS). The legal acceptance date of the merger is May 5, 1999. However in an effort to simplify documentation issues, SFS requests that June 1, 1999 be used as the effective date of merger.

Please change all operated facilities, Applications to Drill (approved and in process) and any other regulatory filings from Snyder Oil Corporation to Santa Fe Snyder Corporation. Attached is the following information in support of this request.

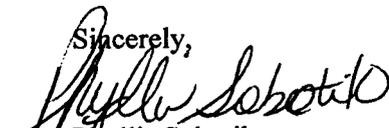
Copy of Merger Certificate  
Copy of the Office of the Secretary of State's Acceptance  
Sundry Notices for Properties Located on Fee or State Land  
Sundry Notice for Federal Properties  
Spreadsheet of all Utah Facilities Operated by SOCO

All correspondence, documents, notifications, etc. should continue to be sent to SFS at the following address

1625 Broadway, Suite 2200  
Denver, CO 80202

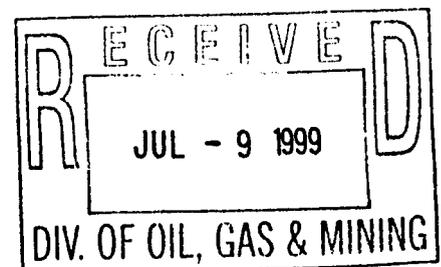
Please inform SFS when this request has been accepted and the changes are finalized. If any questions arise or additional information is required, please contact me at 303-592-8668.

Sincerely,

  
Phyllis Sobotik  
Sr. Regulatory Specialist

/ps  
Enclosures:

1625 Broadway  
Suite 2200  
Denver, Colorado 80202  
303/592-8500 -  
Fax 303/592-8600



Office of the Secretary of State

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I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"SNYDER OIL CORPORATION", A DELAWARE CORPORATION,  
WITH AND INTO "SANTA FE ENERGY RESOURCES, INC." UNDER THE NAME OF "SANTA FE SNYDER CORPORATION", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE FIFTH DAY OF MAY, A.D. 1999, AT 11 O'CLOCK A.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.



A handwritten signature in cursive script, reading "Edward J. Freel".

Edward J. Freel, Secretary of State

0774411 8100M

991177495

AUTHENTICATION: 9725623

DATE: 05-05-99

## **CERTIFICATE OF MERGER**

**Merger of Snyder Oil Corporation, a Delaware corporation  
With and Into  
Santa Fe Energy Resources, Inc., a Delaware corporation**

Pursuant to the provisions of Section 251 of the Delaware General Corporation Law, the undersigned certifies as follows concerning the merger (the "Merger") of Snyder Oil Corporation, a Delaware corporation, with and into Santa Fe Energy Resources, Inc., a Delaware corporation, with Santa Fe Energy Resources, Inc. as the surviving corporation (the "Surviving Corporation").

1. The Agreement and Plan of Merger, dated as of January 13, 1999 (the Agreement and Plan of Merger being hereinafter referred to as the "Merger Agreement") has been approved, adopted, certified, executed and acknowledged by Snyder Oil Corporation and Santa Fe Energy Resources, Inc. in accordance with Section 251 of the Delaware General Corporation Law.

2. The Merger contemplated in the Merger Agreement and this Certificate of Merger will be effective immediately upon the filing of this Certificate of Merger

3. The name of the Surviving Corporation shall be Santa Fe Energy Resources, Inc. which shall be changed herewith to Santa Fe Snyder Corporation.

4. Article FIRST of the Restated Certificate of Incorporation of Santa Fe Energy Resources, Inc. is amended, effective as of the date hereof, to read in its entirety as follows:

"FIRST: The name of the corporation (hereinafter referred to as the "Corporation") is Santa Fe Snyder Corporation."

and that the first paragraph of Article FOURTH of the Restated Certificate of Incorporation of Santa Fe Energy Resources, Inc. is amended, effective as of the date hereof, to read in its entirety as follows:

"FOURTH: The total number of shares of all classes of capital stock which the Corporation shall have authority to issue is 350,000,000, of which 50,000,000 shares shall be Preferred Stock, par value \$.01 per share, and 300,000,000 shares shall be Common Stock, par value \$.01 per share."

The Restated Certificate of Incorporation of Santa Fe Energy Resources, Inc., as amended, in effect at the effective time of the Merger shall be the certificate of incorporation of the

Surviving Corporation.

5. The executed Merger Agreement is on file at the principal place of business of the Surviving Corporation, 1616 South Voss Road, Houston, Texas 77057.

6. A copy of the Merger Agreement will be furnished by the Surviving Corporation, on request and without cost, to any stockholder of Snyder Oil Corporation or Santa Fe Energy Resources, Inc.

Dated this 5th day of May, 1999.

SANTA FE ENERGY RESOURCES, INC.

By: David L. Hicks  
Name: David L. Hicks  
Title: Vice President — Law and  
General Counsel



UTAH FACILITIES

Lease	Unit Name	Tribe Name	Field	Stat	County	1/41/4	
Horseshoe Bend #4-10			Horseshoe Bend	INA	Uintah	NW/SE	
✓ Horseshoe Bend #36-1P			Horseshoe Bend	ACT	Uintah	SE/SE	3
Horseshoe Bend Compressor Site			Horseshoe Bend	ACT	Uintah		
Jack Rabbit #1-11			Natural Buttes	INA	Uintah	SW/NE	
✓ L.C.K. #30-1H			Horseshoe Bend	ACT	Uintah	SE/NE	3
Lafkas Federal #1-3			Hill Creek	INA	Uintah	SW/SW	
Lizzard Creek #1-10			Bitter Creek	ACT	Uintah	NW/NW	
✓ Lookout Point #1-16			Natural Buttes	ACT	Uintah	NE/SE	
Love Unit #1-11	Love		Love	ACT	Uintah	C/SW	
Love Unit #1-12	Love		Love	ACT	Uintah	SW/NW	
Love Unit #4-1	Love		Love	INA	Uintah	NW/SW	
Love Unit #A1-18	Love		Love	ACT	Uintah	SW/SE	
Love Unit #B1-10	Love		Love	ACT	Uintah	SE/SW	
Love Unit #B2-3	Love		Love	INA	Uintah	SW/SW	
Love Unit Compressor Site			Love	ACT	Uintah		
Madeline #4-3C			Horseshoe Bend	ACT	Uintah	Lot 3	
McLish #1	Walker Hollow		Walker Hollow (Horseshoe Bend)	ACT	Uintah	SW/SW	
McLish #2	Walker Hollow		Walker Hollow (Horseshoe Bend)	INA	Uintah	SW/SE	
McLish #3			Walker Hollow (Horseshoe Bend)	ACT	Uintah	NE/SE	
McLish #4	Walker Hollow		Walker Hollow (Horseshoe Bend)	INA	Uintah	NE/SW	
Natural #1-7			Love (Horseshoe Bend)	INA	Uintah	NW/NE	
No Name Canyon #1-9			Natural Buttes	ACT	Uintah	SE/NE	
No Name Canyon #2-9			Natural Buttes	ACT	Uintah	NE/NW	
NSO Federal #1-12			Natural Buttes	ACT	Uintah	NE/NW	1
Pan American #1	Walker Hollow		Walker Hollow (Horseshoe Bend)	INA	Uintah	SW/NW	
Pan American #2	Walker Hollow		Walker Hollow (Horseshoe Bend)	INA	Uintah	NW/SW	
✓ Pariette Draw #28-44			Windy Ridge West (Eight Mile Flat N.)	ACT	Uintah	SE/SE	2
Pete's Flat #1-1			Natural Buttes	INA	Uintah	NE/SE	
Sage Hen #1-6			Natural Buttes	INA	Uintah	NE/SE	
Sagebrush #1-8			Natural Buttes	TAD	Uintah	SW/NE	
Shepherd #1-10			Natural Buttes	ACT	Uintah	NE/SE	1
Southman Canyon #1-5 (Federal #1-5)			Natural Buttes	ACT	Uintah	SE/NW	5
Southman Canyon #3			Natural Buttes	WDW	Uintah	NE/SE	1
Southman Canyon #4-4 (Federal #4-4)			Natural Buttes	INA	Uintah	NW/SE	4
Southman Canyon #4-5			Natural Buttes	ACT	Uintah	NE/SE	5
Southman Canyon #9-3M			Natural Buttes	ACT	Uintah	SW/SW	9
Southman Canyon #9-4J			Natural Buttes	ACT	Uintah	NW/SE	9
✓ Southman Canyon #31-1L			Natural Buttes	ACT	Uintah	SW/	3
✓ State #14-16			Brennan Bottom	ACT	Uintah	SW/SW	1

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

**U-8348**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

**Love Unit A1-18**

9. API Well No.

**43-047-30706**

10. Field and Pool, or Exploratory Area

**Love**

11. County or Parish, State

**Uintah, Utah**

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well     Gas Well     Other

2. Name of Operator

**Santa Fe Snyder Corporation**

**Attn.: Phyllis Sobotik**

3. Address and Telephone No.

**1625 Broadway, Suite 2200, Denver, CO 80202**

**303-592-8668**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**Sec 18 T11S-R21E**

**SW/SE**

**901' FSL, 1743' FWL**

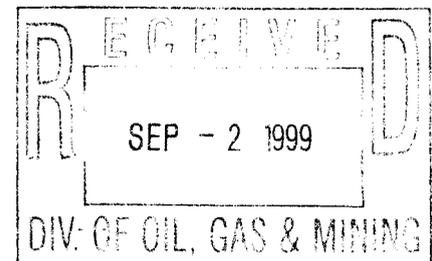
12. **CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Change of Operator</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

13. 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.)\*

Santa Fe Snyder Corporation has sold the above referenced property to Coastal Oil & Gas Corporation.  
The effective date of this change is September 1, 1999.



Please contact Phyllis Sobotik at 303-592-8668 if you have any questions.

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

Signed

*Phyllis Sobotik*

Title

**Sr. Regulatory Specialist**

Date

**09-Aug-99**

(This space for Federal or State office use)

Approved by \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*See Instruction on Reverse Side**

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.

Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.  
**U 8348**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.  
**Love Unit #A1-18**

9. API Well No.  
**43-047-30706**

10. Field and Pool, or Exploratory Area  
**Love**

11. County or Parish, State

**Uintah, Utah**

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well     Gas Well     Other

2. Name of Operator

**Coastal Oil & Gas Corporation**

Attn.: **Ronald M. Routh**

3. Address and Telephone No.

**P. O. Box 1148 Vernal, Utah 84078**

**435-781-7021**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**901' FSL, 1743' FWL SW/SE  
Sec. 18-T11S-R21E**

12. **CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**TYPE OF SUBMISSION**

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

**TYPE OF ACTION**

Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other Change of Operator

Change of Plans  
 New Construction  
 Non-Routine Fracturing  
 Water Shut-Off  
 Conversion to Injection  
 Dispose Water

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

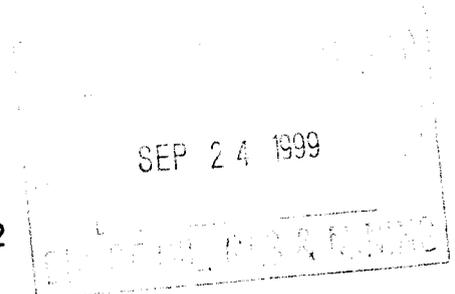
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Please be advised Coastal Oil & Gas Corporation at P. O. Box 1148 Vernal, Utah 84078 is considered to be the operator of the above referenced well and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands.

Effective date of change is September 1, 1999.

BLM bond coverage is provided by U605382-9

Utah state bond coverage is U2644534. State operator number is 17102



Please contact Ronald M. Routh at 435-781-7021 if you have any questions.

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

Signed

*[Signature]*

Title

*Vice President*  
**Sr. Environmental Coordinator**

Date

**16-Aug-99**

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*See Instruction on Reverse Side**

# OPERATOR CHANGE WORKSHEET

Routing	
1-KDR	6-KAS
2-GLH	7-SSTP
3-JRB	8-FILE
4-CDW	9- <i>[Signature]</i>
5-KDR	

Attach all documentation received by the division regarding this change.  
 Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold)       Designation of Agent  
 Designation of Operator       Operator Name Change Only (MERGER)

The operator of the well(s) listed below has changed, effective: 6-1-99

TO: (new operator)	<u>SANTE FE SNYDER CORPORATION</u>	FROM: (old operator)	<u>SNYDER OIL CORPORATION</u>
(address)	<u>P.O. BOX 129</u>	(address)	<u>P.O. BOX 129</u>
	<u>BAGGS, WYOMING 82321</u>		<u>BAGGS, WYOMING 82321</u>
Phone:	<u>(307) 383-2800</u>	Phone:	<u>(307) 383-2800</u>
Account no.	<u>N2000 (6-24-99)</u>	Account no.	<u>N1305</u>

WELL(S) attach additional page if needed:      \*HORSESHOE BEND, LOVE, EAST BENCH & WALKER HOLLOW UNITS

Name: <u>*SEE ATTACHED*</u>	API: <u>43-097-30706</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

## OPERATOR CHANGE DOCUMENTATION

- (r649-8-10) Sundry or other legal documentation has been received from the FORMER operator (attach to this form). *(Rec'd 6.11.99)*
- (r649-8-10) Sundry or other legal documentation has been received from the NEW operator (Attach to this form). *(Rec'd 6.11.99)*
- The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes) (yes/no) \_\_\_\_ If yes, show company file number: #011879.
- FOR INDIAN AND FEDERAL WELLS ONLY. The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of Federal and Indian well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below. *(Rec'd 7.6.99)*
- Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. *(7.12.99)*
- Cardex file has been updated for each well listed above.
- Well file labels have been updated for each well listed above. *(NEW SYSTEM)*
- Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(8.2.99)*
- A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

**ENTITY REVIEW**

- 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

**BOND VERIFICATION - (FEE WELLS ONLY)**

- 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.   
 (Rec'd 6.11.99 #J27777)
- 2. A copy of this form has been placed in the new and former operator's bond files.
- 3. The FORMER operator has requested a release of liability from their bond (yes/no) no, as of today's date 6.11.99. If yes, division response was made to this request by letter dated Aug. 12, 1999

**LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY**

- 1. Copies of documents have been sent on 8/12/99 to Ed Bonner at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated \_\_\_\_\_ 19 \_\_, of their responsibility to notify all interest owners of this change.

**FILMING**

- 1. All attachments to this form have been microfilmed. Today's date: 9-28-99.

**FILING**

- 1. Copies of all attachments to this form have been filed in each well file.
- 2. The original of this form, and the original attachments are now being filed in the Operator Change file.

**COMMENTS**

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# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

IN REPLY REFER TO  
UT-931

May 15, 2000

Coastal Oil & Gas Corporation  
Attn: Elsie M. Powell  
Coastal Tower  
9 Greenway Plaza  
Houston, Texas 77046-0995

Re: Love Unit  
Uintah County, Utah

Gentlemen:

On April 27, 2000, we received an indenture dated January 11, 2000, whereby Santa Fe Snyder Corporation resigned as Unit Operator and Coastal Oil & Gas Corporation was designated as Successor Unit Operator for the Love Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective May 15, 2000. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under Love Unit Agreement.

Your nationwide (Wyoming) oil and gas bond No. 2793 will be used to cover all operations within the Love Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)  
Division of Oil, Gas & Mining  
Minerals Adjudication Group U-932  
File - Love Unit (w/enclosure)  
MMS - Data Management Division  
Agr. Sec. Chron  
Fluid Chron  
UT931:TAThompson:tt:5/15/00

RECEIVED

MAY 16 2000

DIVISION OF  
OIL, GAS AND MINING

Well Status Report  
Utah State Office  
Bureau of Land Management

Lease	Api Number	Well Name	QTR	Section	Township	Range	Well	Status	Operator
** Inspection Item: 891018090A									
UTU8344A	4304730617	1 LOVE UNIT	NESW	11	T11S	R21E	GSI		SANTA FE SNYDER CORPORATION
UTU8348	4304730638	12-1 LOVE UNIT	NWSW	12	T11S	R21E	PGW		SANTA FE SNYDER CORPORATION
UTU8347	4304730640	4-1 LOVE UNIT	NWSW	4	T11S	R21E	TA		SANTA FE SNYDER CORPORATION
UTU8348	4304730706	A1-18 LOVE UNIT	SESW	18	T11S	R22E	GSI		SANTA FE SNYDER CORPORATION
UTU8347	4304730709	B1-10 LOVE UNIT	SESW	10	T11S	R21E	TA		SANTA FE SNYDER CORPORATION
UTU8347	4304730766	B2-3 LOVE UNIT	SWSW	3	T11S	R21E	TA		SANTA FE SNYDER CORPORATION

RECEIVED

MAY 15 2000

DIVISION OF  
OIL, GAS AND MINING

**Division of Oil, Gas and Mining**

**ROUTING:**

1- [redacted]	4-KAS ✓
2-CDW ✓	5-SJ
3-JLT	6-FILE

**OPERATOR CHANGE WORKSHEET**

Check each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (Well Sold)                       Designation of Agent  
 Operator Name Change Only                               Merger

The operator of the well(s) listed below has changed, **effective:** 9-1-99

**TO:(New Operator)** COASTAL OIL & GAS CORP  
 Address: P. O. BOX 1148  
VERNAL, UT 84078  
 Phone: 1-(435)-781-7021  
 Account No. N0230

**FROM:(Old Operator)** SANTA FE SNYDER CORP  
 Address: 1625 BROADWAY SUITE 2200  
DENVER, CO 80202  
 Phone: 1-(303)-592-8668  
 Account No. N2000

WELL(S):	CA No.	or	LOVE	Unit
Name: <u>LOVE UNIT 1-11</u>	API: <u>43-047-30617</u>	Entity: <u>1366</u>	S <u>11</u> T <u>11S</u> R <u>21E</u>	Lease: <u>U-08344A</u>
Name: <u>LOVE UNIT 1-12</u>	API: <u>43-047-30638</u>	Entity: <u>1366</u>	S <u>12</u> T <u>11S</u> R <u>21E</u>	Lease: <u>U-08344A</u>
Name: <u>LOVE UNIT 4-1</u>	API: <u>43-047-30640</u>	Entity: <u>1366</u>	S <u>4</u> T <u>11S</u> R <u>21E</u>	Lease: <u>U-8347</u>
Name: <u>LOVE UNIT A1-18</u>	API: <u>43-047-30706</u>	Entity: <u>1366</u>	S <u>18</u> T <u>11S</u> R <u>21E</u>	Lease: <u>U-8348</u>
Name: <u>LOVE UNIT B1-10</u>	API: <u>43-047-30709</u>	Entity: <u>1366</u>	S <u>10</u> T <u>11S</u> R <u>21E</u>	Lease: <u>U-8347</u>
Name: <u>LOVE UNIT B2-3</u>	API: <u>43-047-30766</u>	Entity: <u>1366</u>	S <u>3</u> T <u>11S</u> R <u>21E</u>	Lease: <u>U-8347</u>

**OPERATOR CHANGE DOCUMENTATION**

- YES 1. A pending operator change file has been set up.
- YES 2. (R649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator on 9-2-99.
- YES 3. (R649-8-10) Sundry or other legal documentation has been received from the **NEW** operator on 9-24-99.
- YES 4. The new company has been looked up in the **Department of Commerce, Division of Corporations Database** if the new operator above is not currently operating any wells in Utah. Is the operator registered with the State? **Yes/No** If yes, the company file number is 049324. If no, Division letter was mailed to the new operator on \_\_\_\_\_.
- YES 5. **Federal and Indian Lease Wells.** The BLM or the BIA has approved the merger, name change or **operator change** for all wells listed above involving Federal or Indian leases on 5-30-00.
- YES 6. **Federal and Indian Units.** The BLM or the BIA has approved the successor of unit operator for all wells listed above involving unit operations on 5-30-00.
- N/A 7. **Federal and Indian Communitization Agreements ("CA").** The BLM or the BIA has approved the operator change for all wells listed above involved in the CA on \_\_\_\_\_.

- N/A 8. **Underground Injection Control ("UIC") Program.** The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project and/or for the water disposal well(s) listed above.
- YES 9. Changes have been entered in the **Oil and Gas Information System** for each well listed on 6-12-00.
- YES 10. Changes have been included on the **Monthly Operator Change letter** on 6-12-00.

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### STATE BOND VERIFICATION

- N/A 1. State Well(s) covered by Bond No. \_\_\_\_\_.

---

### FEE WELLS - BOND VERIFICATION / LEASE INTEREST OWNER NOTIFICATION

- N/A 1. (R649-3-1) The **NEW** operator of any fee lease well(s) listed above has furnished a proper bond.
- N/A 2. A **copy of this form** has been placed in the **new and former operator's bond files** on \_\_\_\_\_.
- N/A 3. The **FORMER** operator has requested a release of liability from their bond as of today's date \_\_\_\_\_? If yes, Division response was made to this request by letter dated \_\_\_\_\_. (see bond file).
- N/A 4. (R649-2-10) The **Former** operator of any Fee lease wells listed above has been contacted and informed by letter dated \_\_\_\_\_, of their responsibility to notify all interest owners of this change.
- N/A 5. Bond information added to **RBDMS** on \_\_\_\_\_.
- N/A 6. Fee wells attached to bond in **RBDMS** on \_\_\_\_\_.

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### FILMING

- \_\_\_\_\_ 1. All attachments to this form have been **microfilmed** on 3-26-01.

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### FILING

- \_\_\_\_\_ 1. **Originals/Copies** of all attachments pertaining to each individual well have been filed in each **well file**.
- \_\_\_\_\_ 2. The **original of this form** has been filed in the operator file and a copy in the old operator file.

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### COMMENTS

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: El Paso Production Oil & Gas Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 58 South 1200 East CITY Vernal STATE Utah ZIP 84078		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: 435-789-4433		8. WELL NAME and NUMBER: Exhibit "A"
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____ QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____		9. API NUMBER:
		10. FIELD AND POOL, OR WILDCAT:

COUNTY: \_\_\_\_\_  
STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

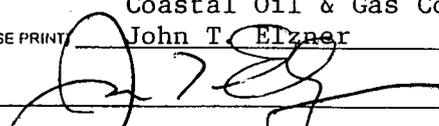
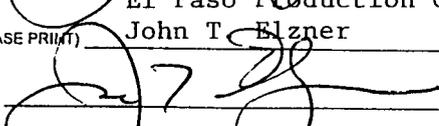
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Name Change</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

As a result of the merger between The Coastal Corporation and a wholly owned subsidiary of El Paso Energy Corporation, the name of Coastal Oil & Gas Corporation has been changed to El Paso Production Oil & Gas Company effective March 9, 2001.

See Exhibit "A"

Bond # 400JU0708

Coastal Oil & Gas Corporation	
NAME (PLEASE PRINT) <u>John T. Elzner</u>	TITLE <u>Vice President</u>
SIGNATURE 	DATE <u>06-15-01</u>
El Paso Production Oil & Gas Company	
NAME (PLEASE PRINT) <u>John T. Elzner</u>	TITLE <u>Vice President</u>
SIGNATURE 	DATE <u>06-15-01</u>

(This space for State use only)

RECEIVED

JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING

State of Delaware  
Office of the Secretary of State

PAGE 1

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COASTAL OIL & GAS CORPORATION", CHANGING ITS NAME FROM "COASTAL OIL & GAS CORPORATION" TO "EL PASO PRODUCTION OIL & GAS COMPANY", FILED IN THIS OFFICE ON THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.

RECEIVED

MAR 14 2001

DIVISION OF  
OIL, GAS AND MINING



*Harriet Smith Windsor*  
Harriet Smith Windsor, Secretary of State

0610204 8100

AUTHENTICATION: 1061007

010162788

DATE: 04-03-01

**CERTIFICATE OF AMENDMENT**

**OF**

**CERTIFICATE OF INCORPORATION**

COASTAL OIL & GAS CORPORATION (the "Company"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of the Company, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of the Company:

RESOLVED that it is deemed advisable that the Certificate of Incorporation of this Company be amended, and that said Certificate of Incorporation be so amended, by changing the Article thereof numbered "FIRST." so that, as amended, said Article shall be and read as follows:

"FIRST. The name of the corporation is El Paso Production Oil & Gas Company."

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders entitled to vote have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

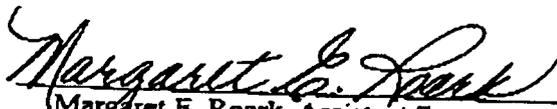
THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said COASTAL OIL & GAS CORPORATION has caused this certificate to be signed on its behalf by a Vice President and attested by an Assistant Secretary, this 9th day of March 2001.

COASTAL OIL & GAS CORPORATION

  
\_\_\_\_\_  
David L. Siddall  
Vice President

Attest:

  
\_\_\_\_\_  
Margaret E. Roark, Assistant Secretary

**RECEIVED**

STATE OF DELAWARE  
SECRETARY OF STATE  
DIVISION OF CORPORATIONS  
FILED 11:00 AM 03/09/2001  
010118394 - 0610204

JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING

# Results of query for MMS Account Number 891018090A

Production	API Number	Operator	Well Name	Well Status	Lease or CA Number	Inspection Item	Township	Range	Section	Quarter/Quar
Production	4304730617	COASTAL OIL & GAS CORPORATION	1 LOVE UNIT	<del>GS</del> PGW	UTU8344A	891018090A	11S	21E	11	NESW
Production	4304730638	COASTAL OIL & GAS CORPORATION	12-1 LOVE UNIT	PGW SGW	UTU8348	891018090A	11S	21E	12	NWSW
Production	4304730640	COASTAL OIL & GAS CORPORATION	4-1 LOVE UNIT	TA	UTU8347	891018090A	11S	21E	4	NWSW
Production	4304730706	COASTAL OIL & GAS CORPORATION	A1-18 LOVE UNIT	GS	UTU8348	891018090A	11S	22E	18	SESW
Production	4304730709	COASTAL OIL & GAS CORPORATION	B1-10 LOVE UNIT	TA	UTU8347	891018090A	11S	21E	10	SESW
Production	4304730766	COASTAL OIL & GAS CORPORATION	B2-3 LOVE UNIT	TA	UTU8347	891018090A	11S	21E	3	SWSW

DISCLAIMER for online data: No warranty is made by the BLM for use of the data for purposes not intended by the BLM.

*Love Unit*



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

# RECEIVED

JUL 12 2001

DIVISION OF  
OIL, GAS AND MINING

In Reply Refer To:  
3106  
UTSL-065841  
(UT-924)

JUL 10 2001

### NOTICE

El Paso Production Oil & Gas Company : Oil and Gas  
Nine Greenway Plaza :  
Houston TX 77046-0095 :

#### Name Change Recognized

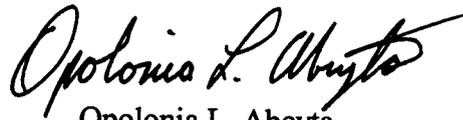
Acceptable evidence has been received in this office concerning the name change of Coastal Oil & Gas Corporation into El Paso Production Oil & Gas Company with El Paso Production Oil & Gas Company being the surviving entity.

For our purposes, the name change is recognized effective March 9, 2001.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Coastal Oil & Gas Corporation to El Paso Production Oil & Gas Company. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Wyoming and Colorado.



Opolonia L. Abeyta  
Acting Chief, Branch of  
Minerals Adjudication

Enclosure

1. Exhibit of Leases (1 pp)

cc: Moab Field Office  
Vernal Field Office  
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217  
~~State of Utah, UOGM~~, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114  
Teresa Thompson (UT-922)  
Joe Incardine (UT-921)

### Exhibit of Leases

UTUSL-065841A	UTU-47172	UTU-74415	UTU-53860
UTU-28652	UTU-50687	UTU-74416	UTU-66401
UTU-37943	UTU-52298	UTU-75091	UTU-67868
UTU-44089	UTU-0109054	UTU-75096	UTU-65389
UTU-44090A	UTU-0143511	UTU-75097	UTU-77084
UTU-61263	UTU-0143512	UTU-75673	UTU-61430
UTU-00343	UTU-38401	UTU-76259	UTU-72633
UTU-02651	UTU-38411	UTU-76260	UTU-72650
UTU-02651B	UTU-38418	UTU-76261	UTU-49692
UTU-0142175	UTU-38419	UTU-76493	UTU-57894
UTU-70235	UTU-38420	UTU-76495	UTU-76829
UTU-70406	UTU-38421	UTU-76503	UTU-76830
UTU-74954	UTU-38423	UTU-78228	UTU-76831
UTU-75132	UTU-38424	UTU-78714	
UTU-75699	UTU-38425	UTU-78727	
UTU-76242	UTU-38426	UTU-78734	
UTU-78032	UTU-38427	UTU-79012	
UTU-4377	UTU-38428	UTU-79011	
UTU-4378	UTU-53861	UTU-71694	
UTU-7386	UTU-58097	UTU-00576	
UTU-8344A	UTU-64376	UTU-00647	
UTU-8345	UTU-65222	UTU-01470D	
UTU-8347	UTU-65223	UTU-0136484	
UTU-8621	UTU-66746	UTU-8344	
UTU-14646	UTU-67178	UTU-8346	
UTU-15855	UTU-67549	UTU-8648	
UTU-25880	UTU-72028	UTU-28212	
UTU-28213	UTU-72632	UTU-30289	
UTU-29535	UTU-73009	UTU-31260	
UTU-29797	UTU-73010	UTU-33433	
UTU-31736	UTU-73013	UTU-34711	
UTU-34350	UTU-73175	UTU-46699	
UTU-34705	UTU-73434	UTU-78852	
UTU-37116	UTU-73435	UTU-78853	
UTU-37355	UTU-73444	UTU-78854	
UTU-37573	UTU-73450	UTU-075939	
UTU-38261	UTU-73900	UTU-0149767	
UTU-39223	UTU-74409	UTU-2078	
UTU-40729	UTU-74410	UTU-44426	
UTU-40736	UTU-74413	UTU-49530	
UTU-42469	UTU-74414	UTU-51026	





JAN. 17. 2003 3:34PM

WESTPORT

NO. 173 P. 2

**WESTPORT OIL AND GAS COMPANY, L.P.**

410 Seventeenth Street #2300 Denver Colorado 80202-4436  
Telephone: 303 573 5404 Fax: 303 573 5409

February 1, 2002

Department of the Interior  
Bureau of Land Management  
2850 Youngfield Street  
Lakewood, CO 80215-7093  
Attention: Ms. Martha Maxwell

RE: BLM Bond CO-1203  
BLM Nationwide Bond 158626364  
Surety - Continental Casualty Company  
Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.  
Conversion of Westport Oil and Gas Company, Inc., into Westport Oil and Gas Company, L.P.  
Assumption Rider - Westport Oil and Gas Company, L.P.

Dear Ms. Maxwell:

Pursuant to our recent conversations, please find the following list of enclosures for the BLM's consideration and approval:

Two (2) Assumption Riders, fully executed originals.  
Copies of Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.  
Copies of Westport Oil and Gas Company, Inc., conversion into Westport Oil and Gas Company, L.P.  
List of all Federal/BIA/State Leases - Belco/Westport's leases - in all states.

Please inform us of any additional information needed to complete the change to Westport Oil and Gas Company, L.P., as operator of record.

I thank you for your assistance and cooperation in this matter. Please do not hesitate contacting the undersigned, should a question arise.

Sincerely,  
Westport Oil and Gas Company, L.P.

Debby J. Black  
Engineer Technician

Encl:



United States Department of the Interior **RECEIVED**

BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

FEB 22 2002

DIVISION OF  
OIL, GAS AND MINING

In Reply Refer To:

3106

UTU-25566 et al

(UT-924)

FEB 21 2002

NOTICE

Westport Oil and Gas Company L.P. : Oil and Gas  
410 Seventeenth Street, #2300 :  
Denver Colorado 80215-7093 :

Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Westport Oil and Gas Company, Inc. into Westport Oil and Gas Company, L.P. with Westport Oil and Gas Company, L.P. being the surviving entity.

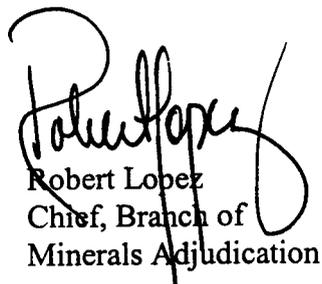
For our purposes, the name change is recognized effective December 31, 2001.

The oil and gas lease files identified have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Westport Oil and Gas Company, Inc. to Westport Oil and Gas Company, L.P.. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Colorado.

UTU-03405  
UTU-20895  
UTU-25566  
UTU-43156  
UTU-49518  
UTU-49519  
UTU-49522  
UTU-49523



Robert Lopez  
Chief, Branch of  
Minerals Adjudication

cc: Moab Field Office  
Vernal Field Office  
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217  
State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114  
Teresa Thompson (UT-922)  
Joe Incardine (UT-921)

# memorandum

Branch of Real Estate Services  
Uintah & Ouray Agency

Date: 5 December, 2002

Reply to  
Attn of: Supervisory Petroleum Engineer

Subject: Modification of Utah Division of Oil, Gas and Mining Regulations

To: Director, Utah Division of Oil, Gas and Mining Division: John Baza

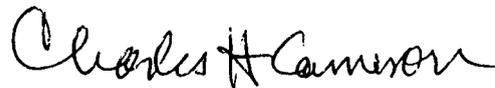
We have been advised of changes occurring with the operation of your database for Change of Operator. You will be modifying your records to reflect Change of Operator once you have received all necessary documentation from the companies involved, and perhaps in advance of our Notice of Concurrence/Approval of Change of Operator where Indian leases are involved.

We have no objection.

With further comment to Rulemaking, I wish to comment concerning the provision of Exhibits for upcoming Hearings. I would like to see the Uintah & Ouray Agency, BIA, and the Ute Indian Tribe, Energy & Mineral Resources Department added to the list of those parties that receive advance Exhibits so as to allow us to have research time prior to Hearing dates. We will be able to provide a more informed recommendation to the Oil, Gas and Mining Board. It would be best if we would receive only those Exhibits that concern Indian lands, specifically on or adjacent to Indian lands. This may be a difficult situation to attain, as it is not always clear where 'on or adjacent' occurs.

I am aware that you have gone to extra effort to correct this matter already, and I fully appreciate it. My request is intended only to allow the addition of Uintah & Ouray Agency and Ute Indian Tribe to the official listing.

We appreciate your concern, and hope that these comments are timely enough for consideration in the revision process.



CC: Minerals & Mining Section of RES  
Ute Energy & Mineral Resources Department: Executive Director  
chronos

## Results of query for MMS Account Number 891018090A

Production	API Number	Operator	Well Name	Well Status	Lease or CA Number	Inspection Item	Township	Range	Section	Quarter/Quarter	Field Name
Production	4304730617	EL PASO PROD OIL & GAS CO	1 LOVE UNIT	PGW	UTU8344A	891018090A	11S	21E	11	NESW	LOVE
Production	4304730638	EL PASO PROD OIL & GAS CO	12-1 LOVE UNIT	GSI	UTU8348	891018090A	11S	21E	12	NWSW	LOVE
Production	4304730640	EL PASO PROD OIL & GAS CO	4-1 LOVE UNIT	TA	UTU8347	891018090A	11S	21E	4	NWSW	LOVE
Production	4304730706	EL PASO PROD OIL & GAS CO	A1-18 LOVE UNIT	GSI	UTU8348	891018090A	11S	22E	18	SESW	LOVE
Production	4304730709	EL PASO PROD OIL & GAS CO	B1-10 LOVE UNIT	GSI	UTU8347	891018090A	11S	21E	10	SESW	LOVE
Production	4304730766	EL PASO PROD	B2-3 LOVE	TA	UTU8347	891018090A	11S	21E	3	SWSW	LOVE

		OIL & GAS CO	UNIT							
--	--	-----------------	------	--	--	--	--	--	--	--

*DISCLAIMER for online data: No warranty is made by the BLM for use of the data for purposes not intended by the BLM.*

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## United States Department of the Interior

BUREAU OF INDIAN AFFAIRS  
Washington, D.C. 20240

FEB 10 2003

IN REPLY REFER TO:  
Real Estate Services

Carroll A. Wilson  
Principal Landman  
Westport Oil and Gas Company, L.P.  
1368 South 1200 East  
Vernal, Utah 84078

Dear Mr. Wilson:

This is in response to your request for approval of RLI Insurance Company's Nationwide Oil and Gas Lease Bond No. RLB0005239 executed effective December 17, 2002, (\$150,000 coverage) with Westport Oil and Gas Company, L. P., as principal.

This bond is hereby approved as of the date of this correspondence and will be retained in the Bureau of Indian Affairs' Division of Real Estate Services, 1849 C Street, NW, MS-4512-MIB, Washington, D.C. 20240. All Bureau oil and gas regional offices and the surety are being informed of this action.

In cases where you have existing individual and/or collective bonds on file with one or more of our regional offices, you may now request those offices, directly, to terminate in lieu of coverage under this Nationwide Bond.

Enclosed is a copy of the approved bond for your files. If we may be of further assistance in this matter, please advise.

Sincerely,

A handwritten signature in black ink, appearing to read "Perry E. Brown".

Director, Office of Trust Responsibilities

**ACTING**

Enclosure



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

IN REPLY REFER TO  
UT-922

February 27, 2003

Westport Oil and Gas Company, L.P.  
Attn: Gary D. Williamson  
1670 Broadway, Suite 2800  
Denver, Colorado 80202

Re: Love Unit  
Uintah County, Utah

Gentlemen:

On February 27, 2003, we received an indenture dated December 17, 2002, whereby El Paso Production Oil & Gas Company resigned as Unit Operator and Westport Oil and Gas Company, L.P., was designated as Successor Unit Operator for the Love Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective February 27, 2003. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Love Unit Agreement.

Your nationwide (Colorado) oil and gas bond No. 1203 will be used to cover all operations within the Love Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)  
SITLA  
Division of Oil, Gas & Mining  
Minerals Adjudication Group  
File - Love Unit (w/enclosure)  
Agr. Sec. Chron  
Fluid Chron

UT922:TAThompson:tt:02/27/2003

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

		5. LEASE DESIGNATION AND SERIAL NUMBER:
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: Exhibit "A"
2. NAME OF OPERATOR: El Paso Production Oil & Gas Company		9. API NUMBER:
3. ADDRESS OF OPERATOR: 9 Greenway Plaza      CITY Houston      STATE TX      ZIP 77064-0995		10. FIELD AND POOL, OR WILDCAT:
PHONE NUMBER: (832) 676-5933		

4. LOCATION OF WELL

FOOTAGES AT SURFACE: \_\_\_\_\_ COUNTY: \_\_\_\_\_

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: \_\_\_\_\_ STATE: **UTAH**

**11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

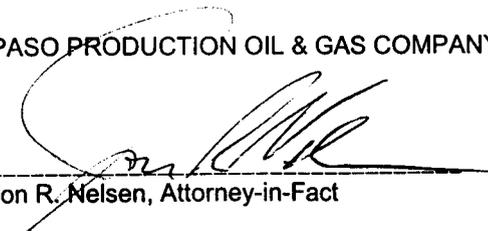
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Operator change to Westport Oil and Gas Company, L.P., 1670 Broadway, Suite 2800, Denver, CO. 80202-4800, effective December 17, 2002.

BOND # \_\_\_\_\_

State Surety Bond No. RLB0005236  
Fee Bond No. RLB0005238

EL PASO PRODUCTION OIL & GAS COMPANY

By:   
Jon R. Nelsen, Attorney-in-Fact

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

WESTPORT OIL AND GAS COMPANY, L.P.		TITLE	Agent and Attorney-in-Fact
NAME (PLEASE PRINT)	David R. Dix	DATE	12/17/02
SIGNATURE			

(This space for State use only)

Form 3160-5  
(August 1999)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.  
**SEE ATTACHED EXHIBIT "A"**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.  
**SEE ATTACHED EXHIBIT "A"**

9. API Well No.  
**SEE ATTACHED EXHIBIT "A"**

10. Field and Pool, or Exploratory Area

11. County or Parish, State  
**UINTAH COUNTY, UT**

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
**WESTPORT OIL & GAS COMPANY, L.P.**

3a. Address  
**P.O. BOX 1148 VERNAL, UT 84078**

3b. Phone No. (include area code)  
**(435) 781-7023**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**SEE ATTACHED EXHIBIT "A"**

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<b>SUCCESSOR OF OPERATOR</b>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zone. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed if testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator determined that the site is ready for final inspection.

WESTPORT OIL & GAS COMPANY, L.P., IS CONSIDERED TO BE THE OPERATOR ON THE ATTACHED DESCRIBED LANDS AND IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR THE OPERATIONS CONDUCTED ON THE LEASED LANDS OR PORTIONS THEREOF, BOND COVERAGE FOR THIS WELL IS PROVIDED BY FEDERAL NATIONWIDE BOND NO. 158626364, EFFECTIVE FEBRUARY 1, 2002, AND BIA NATIONWIDE BOND NO. RLB0005239, EFFECTIVE FEBRUARY 10, 2003.

RECEIVED  
MAR 04 2003

DIV. OF OIL, GAS & MINING

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

Name (Printed/Typed)  
**CHERYL CAMERON**

Title  
**OPERATIONS**  
Date  
**March 4, 2003**

Signature

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title \_\_\_\_\_ Date \_\_\_\_\_

Office \_\_\_\_\_

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

**ROUTING**

1. GLH
2. CDW ✓
3. FILE

**OPERATOR CHANGE WORKSHEET**

**X Change of Operator (Well Sold)**

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: **12-17-02**

<b>FROM: (Old Operator):</b>	<b>TO: (New Operator):</b>
EL PASO PRODUCTION OIL & GAS COMPANY	WESTPORT OIL & GAS COMPANY LP
Address: 9 GREENWAY PLAZA	Address: P O BOX 1148
HOUSTON, TX 77064-0995	VERNAL, UT 84078
Phone: 1-(832)-676-5933	Phone: 1-(435)-781-7023
Account No. N1845	Account No. N2115

CA No. Unit: LOVE

**WELL(S)**

NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
LOVE UNIT B2-3	03-11S-21E	43-047-30766	1366	FEDERAL	GW	S
LOVE UNIT 4-1	04-11S-21E	43-047-30640	1366	FEDERAL	GW	S
LOVE UNIT 1-7	07-11S-21E	43-047-30148	6129	FEDERAL	GW	PA
LOVE UNIT B1-10	10-11S-21E	43-047-30709	1366	FEDERAL	GW	S
LOVE UNIT 1	11-11S-21E	43-047-30617	1366	FEDERAL	GW	P
LOVE UNIT 1-12	12-11S-21E	43-047-30638	1366	FEDERAL	GW	S
<b>LOVE UNIT A1-18</b>	18-11S-21E	43-047-30706	1366	FEDERAL	GW	S

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 02/28/2003
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 03/04/2003
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 03/06/2003
- Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- If **NO**, the operator was contacted on: \_\_\_\_\_

6. (R649-9-2)Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM-12/31/2003 BIA-12/5/02

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: N/A

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

**DATA ENTRY:**

1. Changes entered in the Oil and Gas Database on: 03/07/2003
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 03/07/2003
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: RLB 0005236

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: 158626364

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: RLB 0005239

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB 0005238

2. The **FORMER** operator has requested a release of liability from their bond on: N/A

The Division sent response by letter on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

**COMMENTS: COMPLETE LIST OF WELLS INVOLVING OPERATOR CHANGE MAY BE FOUND IN THE OPERATOR CHANGE FILE.**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.  
MULTIPLE WELLS- SEE ATTACHED

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
MULTIPLE WELLS- SEE ATTACHED

8. Well Name and No.  
MULTIPLE WELLS- SEE ATTACHED

9. API Well No.  
MULTIPLE WELLS- SEE ATTACHED

10. Field and Pool, or Exploratory Area  
LOVE UNIT

11. County or Parish, State  
UINTAH COUNTY, UTAH

**SUBMIT IN TRIPLICATE – Other instructions on reverse side**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
WESTPORT OIL & GAS COMPANY, L.P.

3a. Address  
1368 SOUTH 1200 EAST, VERNAL, UTAH 84078

3b. Phone No. (include area code)  
435-781-7060

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
MULTIPLE WELLS- SEE ATTACHED

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>VARIANCE</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

Westport Oil & Gas requests a variance to Onshore Order No. 4, Part III C. a. requiring each sales tank be equipped with a pressure- vacuum thief hatch and/or vent line valve. The variance is requested as an economic analysis shows the value of the shrunk condensate will not payout the incremental cost of purchasing and maintaining the valve resulting in a loss of value over the producing life of the well.

The volume lost to shrinkage by dropping the tank pressure from 6 ozs. To 0 psig is shown to be 0.3% of the tank volume. This was determined by lab analysis of a representative sample from the field. The sample shrunk from 98.82% of original volume to 98.52% when the pressure was dropped. The average well produces approximately 6 bbls condensate per month. The resulting shrinkage would amount to 0.56 bbls per month lost volume due to shrinkage. The value of the shrunk and lost condensate does not recoup or payout the cost of installing and maintaining the valves and other devices that hold the positive tank pressure. An economic run based on the loss and costs is attached. Westport Oil & Gas requests approval of this variance in order to increase the value of the well to the operator and the mineral royalty owners.

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

Name (Printed/Typed) DEBRA DOMENICI	Title ENVIRONMENTAL ASSISTANT
Signature <i>Debra Domenici</i>	Date July 9, 2004

THIS SPACE FOR FEDERAL OR STATE USE

Approved by \_\_\_\_\_ Title Accepted by the  
Utah Division of  
Oil, Gas and Mining

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Federal Approval of This Action Is Necessary

*7/15/04*

**RECEIVED**

(Instructions on reverse)

**COPY SENT TO OPERATOR**  
Date: 7-16-04  
Initials: CHO

JUL 14 2004

# ALL WELLS ROCKY MOUNTAIN GAS- LOVE UNIT ENARDO VARIANCE

<b>WELL</b>	<b>LEGALS</b>	<b>STF LEASE NO</b>	<b>CA NUMBER</b>	<b>API NO</b>
LOVE UNIT 1-11	CSW SEC 11, T11S, R21E	UTU008344A	891018090A	4304730617
LOVE UNIT 1-12	NWSW SEC 12, T11S, R21E	UTU008344A	891018090A	4304730638
LOVE UNIT 4-01	NWSW SEC 4, T11S, R21E	UTU8347	891018090A	4304730640
LOVE UNIT A1-18	SESW SEC 18, T11S, R22E	UTU8348	891018090A	4304730706
LOVE UNIT B1-10	SESW SEC 10, T11S, R21E	UTU8347	891018090A	4304730709
LOVE UNIT B2-3	SWSW SEC 03, T11S, R21E	UTU8347	891018090A	4304730766

**Westport Oil & Gas, L.P.**  
**Project Economics Worksheet**

**Instructions:** Fill in blue boxed areas with before and after project data. The evaluation results are shown below and graphed automatically at the bottom of the page. This sheet is protected to prevent accidental alteration of the formulas. See JTC for changes. OPX entered as annual costs and/or as unit OPX costs for \$/BF and \$/MCF

Project Name: **Condensate Shrinkage Economics**

Is this job a well pull or production rig job ???  Y  N (Y or N)

	BEFORE \$/Year	AFTER \$/Year	DIFFERENCE \$/Year
Gross Oil Revenue	\$1,088	\$1,099	\$11
Gross Gas Revenue	\$0	\$0	\$0
NGL Revenue	\$0	\$0	\$0
PULING UNIT SERVICE			\$0
WIRELINE SERVICE			\$0
SUBSURF EQUIP REPAIRS			\$0
COMPANY LABOR			\$0
CONTRACT LABOR	\$0	\$200	\$200
CONTR SERVICE			\$0
LEASE FUEL GAS	\$0	\$0	\$0
UTILITIES - ELECTRICITY	\$0	\$0	\$0
CHEMICAL TREATING			\$0
MATERIAL & SUPPLY	\$0	\$150	\$150
WATER & HAULING			\$0
ADMINISTRATIVE COSTS			\$0
GAS PLANT PROCESSING			\$0
<b>Totals</b>	<b>\$0</b>	<b>\$350</b>	<b>\$350</b>

**Increased OPX Per Year**

**Investment Breakdown:**

	Cap/Exp Code	Cost, \$
Capital \$	820/830/840	\$1,200
Expense \$	830/860	\$0
Total \$		\$1,200

Oil Price	\$ 23.00	\$/BO
Gas Price	\$ 3.10	\$/MCF
Electric Cost	\$ -	\$/ HP / day
OPX/BF	\$ 2.00	\$/BF
OPX/MCF	\$ 0.62	\$/MCF

**Production & OPX Detail:**

	Before	After	Difference
Oil Production	0.192 BOPD	0.194 BOPD	0.002 BOPD
Gas Production	0 MCFPD	0 MCFPD	0 MCFPD
Wtr Production	0 BWPD	0 BWPD	0 BWPD
Horse Power	0 HP	0 HP	0 HP
Fuel Gas Burned	0 MCFPD	0 MCFPD	0 MCFPD

**Project Life:**

Life =  Years  
 (Life no longer than 20 years)

**Internal Rate of Return:**

After Tax IROR =

**AT Cum Cashflow:**

Operating Cashflow =  (Discounted @ 10%)

**Payout Calculation:**

$$\text{Payout} = \frac{\text{Total Investment}}{\text{Sum(OPX + Incremental Revenue)}} = 1$$

Payout occurs when total AT cashflow equals investment  
 See graph below, note years when cashflow reaches zero

Payout =  Years or  Days

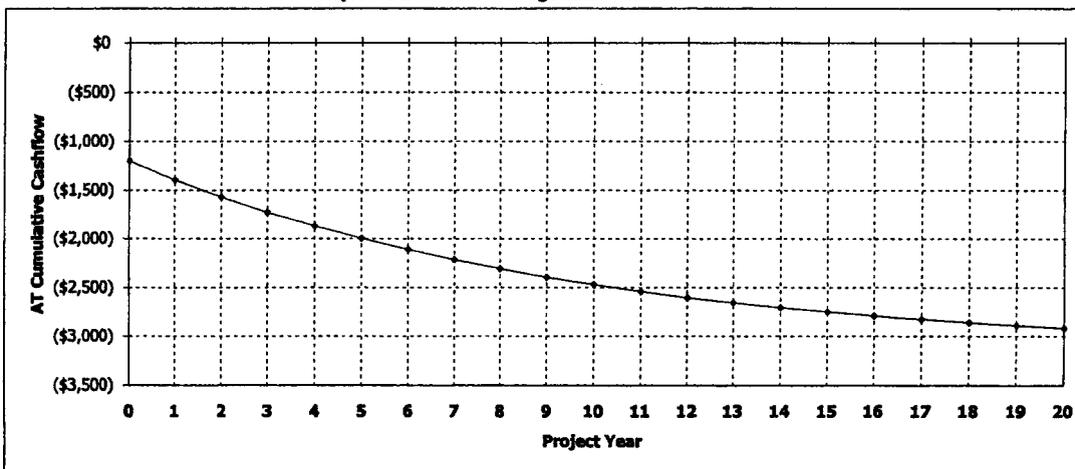
**Gross Reserves:**

Oil Reserves = 6 BO  
 Gas Reserves = 0 MCF  
 Gas Equiv Reserves = 38 MCFE

**Notes/Assumptions:**

An average NWU well produces 0.192 Bcpd with no tank pressure. The production is increased to 0.194 Bcpd if 6 ozs of pressure are placed on the tank. The increased production does not payout the valve cost or the estimated annual maintenance costs.

Project: Condensate Shrinkage Economics



**Westport Oil and Gas, Inc.**

**NBU/Ouray Field**

RFL 2003-022

**COMPARISON OF FLASH BACK PRESSURES**

Calculated by Characterized Equation-of-State

Flash Conditions		Gas/Oil Ratio (scf/STbbl) (A)	Specific Gravity of Flashed Gas (Air=1.000)	Separator Volume Factor (B)	Separator Volume Percent (C)
psig	°F				

**Calculated at Laboratory Flash Conditions**

80	70			1.019	
0	122	30.4	0.993	1.033	101.37%
0	60	0.0	—	1.000	98.14%

**Calculated Flash with Backpressure using Tuned EOS**

80	70			1.015	
6.0 oz	65	24.6	0.777	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
4.0 oz	65	24.7	0.778	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
2.0 oz	65	24.7	0.779	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
0	65	24.8	0.780	1.003	98.82%
0	60	0.0	—	1.000	98.52%

(A) Cubic Feet of gas at 14.696 psia and 60 °F per Barrel of Stock Tank Oil at 60 °F.

(B) Barrels of oil at indicated pressure and temperature per Barrel of Stock Tank Oil at 60 °F.

(C) Oil volume at indicated pressure and temperature as a percentage of original saturated oil volume.

Note: Bubblepoint of sample in original sample container was 80 psig at 70° F with 1 cc water

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
U-8348

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
LOVE UNIT

8. Well Name and No.  
LOVE UNIT A1-18

9. API Well No.  
43-047-30706

10. Field and Pool, or Exploratory  
LOVE

11. County or Parish, and State  
UINTAH COUNTY, UT

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
WESTPORT OIL AND GAS COMPANY  
Contact: RALEEN SEARLE  
E-Mail: rsearle@westportresourcescorp.com

3a. Address  
1368 SOUTH 1200 EAST  
VERNAL, UT 84078

3b. Phone No. (include area code)  
Ph: 435.781.7044  
Fx: 435.781.7094

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 18 T11S R21E SWSE 001FSL 1749FWL  
22 1150FSL 1345FWL

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomplate in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Due to the drilling of more wells within and surrounding the Love Unit Westport Oil & Gas Company, L.P. has need to upgrade the existing pipeline for the Love Unit A1-18 location to an 8". The need for this pipeline to be upgraded is due to an existing Rights-of-Way that Westport has from this location to the Southern part of the Natural Buttes Unit which will allow for us to gather gas from Love and pull it to the Natural Buttes Compressors.

**RECEIVED**  
**JUL 19 2004**

No additional disturbance will be needed. The pipeline will be an 8" butt welded. Please refer to the attached map for the route of this pipeline.

DIV. OF OIL, GAS & MINING

Due to not having the map on CD I will hand deliver the maps to your office.

COPY SENT TO OPERATOR  
Date: 7-21-04  
Initials: CJD

14. I hereby certify that the foregoing is true and correct.  
**Electronic Submission #33086 verified by the BLM Well Information System For WESTPORT OIL AND GAS COMPANY, sent to the Vernal**

Name (Printed/Typed) RALEEN SEARLE Title PREPARER

Signature *Raleen Searle* (Electronic Submission) Date 07/15/2004

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By \_\_\_\_\_ Title **Accepted by the Utah Division of Oil, Gas and Mining** Date \_\_\_\_\_

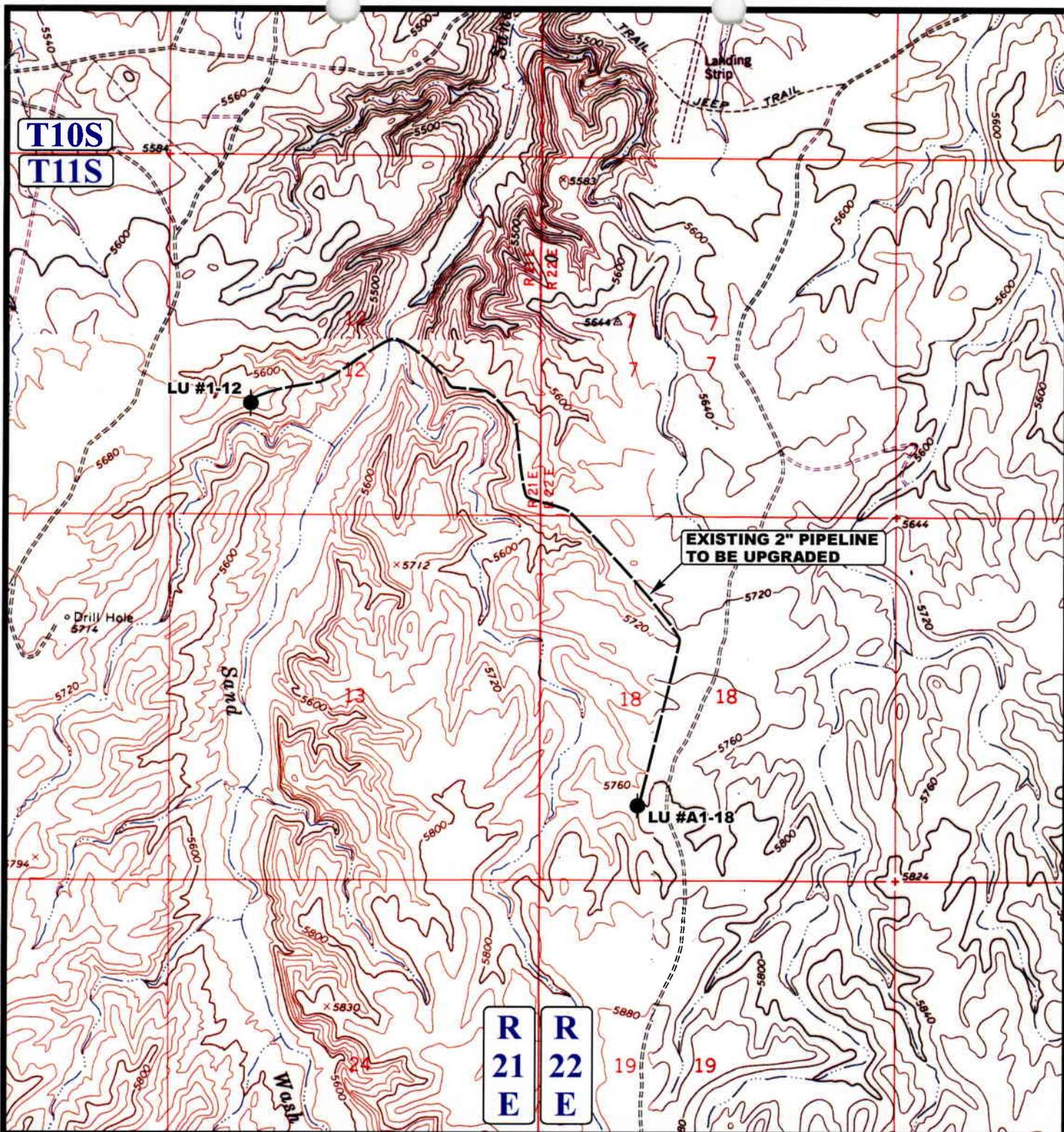
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Federal Approval Of This Action Is Necessary

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

By: *[Signature]*  
Date: \_\_\_\_\_

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***



APPROXIMATE TOTAL PIPELINE DISTANCE = 10,500' +/-

**LEGEND:**

----- EXISTING PIPELINE

WESTPORT OIL AND GAS COMPANY, L.P.

PIPELINE FROM LU #1-12 TO LU #A1-18  
SECTION 12, T11S, R21E, S.L.B.&M.,  
SECTIONS 7 & 18, T11S, R22E, S.L.B.&M.

**UES** Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



**TOPOGRAPHIC MAP** 07 10 04  
MONTH DAY YEAR  
SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 00-00-00

**D**  
TOPO

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

**Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No. <b>U-8348</b>
6. If Indian, Allottee or Tribe Name <b>N/A</b>
7. If Unit or CA/Agreement, Name and/or No. <b>LOVE UNIT</b>
8. Well Name and No. <b>LOVE UNIT A1-18</b>
9. API Well No. <b>43-047-30706</b>
10. Field and Pool, or Exploratory Area <b>LOVE</b>
11. County or Parish, State <b>UINTAH COUNTY, UTAH</b>

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	
2. Name of Operator <b>WESTPORT OIL &amp; GAS COMPANY, L.P.</b>	
3a. Address <b>1368 S. 1200 E. VERNAL, UTAH 84078</b>	3b. Phone No. (include area code) <b>435-781-7044</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>SECTION 18 T11S, R21E SLB&amp;M 901' FSL, 1743' FWL 22</b>	

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input checked="" type="checkbox"/> Other
			<b>ROUTE</b>
			<b>AUTHORIZATION</b>

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomplate in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

WESTPORT OIL & GAS COMPANY, L.P. HAS NEED TO INSTALL AN ADDITIONAL 6" LOW PRESSURE SURFACE STEEL PIPELINE THE NEED FOR THE ADDITIONAL 6" PIPELINE IS INCREASED DRILLING ACTIVITIES IN THE LOVE AREA. THIS PIPELINE WILL ALLOW FOR A HIGH/LOW PRESSURE SYSTEM WITHIN THE LOVE UNIT. WESTPORT WILL FOLLOW THE CONDITIONS OF APPROVAL THAT WAS GIVEN ON THE APPROVAL OF THE 8" PIPELINE ON AUGUST 27, 2004. THE PIPELINE WILL BE BUTTED WELDED AND DRAGGED INTO PLACE USING A RUBBER TIRED TRACTOR. PLEASE REFER TO THE ATTACHED MAP FOR THE ROUTE. NO ADDITIONAL DISTURBANCE WILL BE NEEDED. OPERATOR REQUESTS AN EXCEPTION TO THE CONDITION OF APPROVAL THAT THE PIPELINE SHALL BE BURIED. THE EXCEPTION TO MANAGEMENT PRACTICE SHOULD BE GRANTED BY THE AUTHORIZED OFFICER BECAUSE INDURATED BEDROCK IS AT OR WITHIN 2 FE SURFACE AND THE SOIL HAS A POOR HISTORY FOR SUCCESSFUL REHABILITATION.

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

Name (Printed/Typed) <b>RALEEN WEDDLE</b>	Title <b>REGULATORY ANALYST</b>
Signature <i>Raleen Weddle</i>	Date <b>February 24, 2006</b>

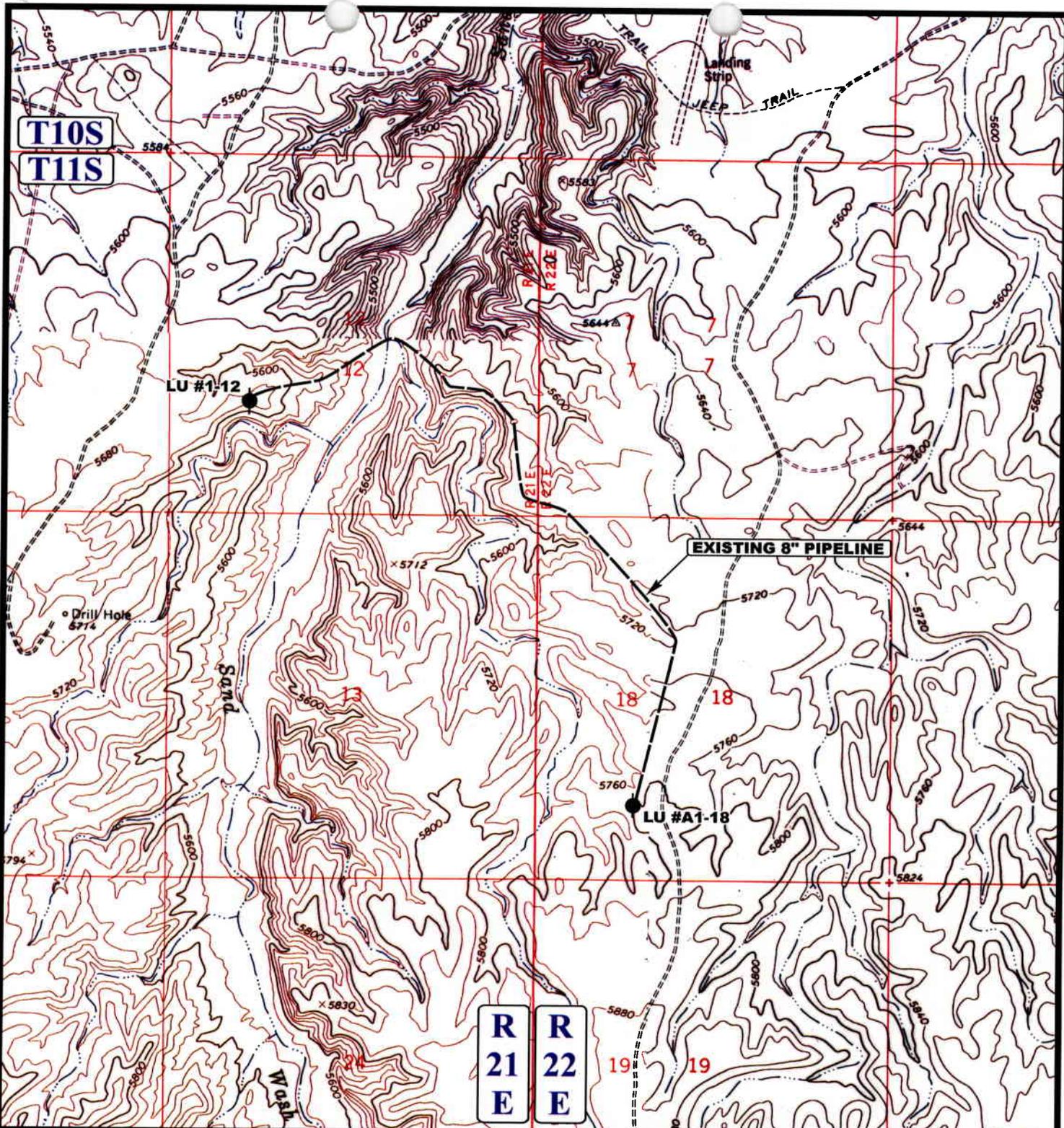
**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by	Title <b>Accepted by the Utah Division of Oil, Gas and Mining</b>	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	Federal Approval Of This Action Is Necessary

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to provide false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

**RECEIVED**  
**FEB 28 2006**  
**DIV. OF OIL, GAS & MINING**



APPROXIMATE TOTAL PIPELINE DISTANCE = 10,500' +/-

**LEGEND:**

----- EXISTING PIPELINE



**Kerr-McGee Oil & Gas Onshore LP**  
**PIPELINE FROM LU #1-12 TO LU #A1-18**  
**SECTION 12, T11S, R21E, S.L.B.&M.,**  
**SECTIONS 7 & 18, T11S, R22E, S.L.B.&M.**

**UES** **Utah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC** **07 10 04**  
**MAP** MONTH DAY YEAR  
 SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 02-23-06 **D**  
 TOPO

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

<b>ROUTING</b>
1. DJJ
2. CDW

**X Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:		<b>1/6/2006</b>
<b>FROM:</b> (Old Operator): N2115-Westport Oil & Gas Co., LP 1368 South 1200 East Vernal, UT 84078 Phone: 1-(435) 781-7024	<b>TO:</b> ( New Operator): N2995-Kerr-McGee Oil & Gas Onshore, LP 1368 South 1200 East Vernal, UT 84078 Phone: 1-(435) 781-7024	

WELL NAME	CA No.	Unit:	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- If **NO**, the operator was contacted on:
- (R649-9-2) Waste Management Plan has been received on: IN PLACE
- Inspections of LA PA state/fee well sites complete on: n/a 3 LA wells & all PA wells transferred
- Reports current for Production/Disposition & Sundries on: ok

6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet

7. **Federal and Indian Units:**  
 The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006

8. **Federal and Indian Communization Agreements ("CA"):**  
 The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on:

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 5/15/2006
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/15/2006
- Bond information entered in RBDMS on: 5/15/2006
- Fee/State wells attached to bond in RBDMS on: 5/16/2006
- Injection Projects to new operator in RBDMS on: \_\_\_\_\_
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: CO1203
- Indian well(s) covered by Bond Number: RLB0005239
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236
- The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG  
 The Division sent response by letter on: \_\_\_\_\_

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 5/16/2006

**COMMENTS:**

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ
2. CDW

**X Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**1/6/2006**

<b>FROM: (Old Operator):</b> N2115-Westport Oil & Gas Co., LP 1368 South 1200 East Vernal, UT 84078 Phone: 1-(435) 781-7024	<b>TO: ( New Operator):</b> N2995-Kerr-McGee Oil & Gas Onshore, LP 1368 South 1200 East Vernal, UT 84078 Phone: 1-(435) 781-7024
---	--

WELL NAME	CA No.			Unit:	LOVE UNIT			
	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
NATURAL 1-7	07	110S	210E	4304730148	6129	Federal	D	PA
LOVE UNIT 1	11	110S	210E	4304730617	1366	Federal	GW	S
LOVE UNIT 1-12	12	110S	210E	4304730638	1366	Federal	GW	S
LOVE UNIT 4-1	04	110S	210E	4304730640	1366	Federal	GW	P
LOVE UNIT A1-18	18	110S	220E	4304730706	1366	Federal	GW	S
LOVE UNIT B1-10	10	110S	210E	4304730709	1366	Federal	GW	PA
LOVE UNIT B2-3	03	110S	210E	4304730766	1366	Federal	GW	PA
LOVE U 1121-11K	11	110S	210E	4304735152	1366	Federal	GW	P
LOVE U 1121-10G	10	110S	210E	4304735557	1366	Federal	GW	P
LOVE UNIT 1122-18G	18	110S	220E	4304736131		Federal	GW	APD
LOVE 1121-14F	14	110S	210E	4304736671	1366	Federal	GW	P
LOVE UNIT 1121-11G	11	110S	210E	4304737555		Federal	GW	APD
LOVE U 1121-16A	16	110S	210E	4304735696	1366	State	GW	P

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

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5. Lease Serial No.

**MULTIPLE LEASES**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

**MUTIPLE WELLS**

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

**KERR-McGEE OIL & GAS ONSHORE LP**

3a. Address

**1368 SOUTH 1200 EAST VERNAL, UT 84078**

3b. Phone No. (include area code)

**(435) 781-7024**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**SEE ATTACHED**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION				
<input type="checkbox"/> Notice of intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off	
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>CHANGE OF OPERATOR</b>	
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon		
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal		

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PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006. KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

**RECEIVED**

**MAY 10 2006**

DIV. OF OIL, GAS & MINING

**BLM BOND = C01203**  
**BIA BOND = RLB0005239**

**APPROVED 5116106**

*Earlene Russell*

**Division of Oil, Gas and Mining**  
**Earlene Russell, Engineering Technician**

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

Name (Printed/Typed)

**RANDY BAYNE**

Title

**DRILLING MANAGER**

Signature

*Randy Bayne*

Date

**May 9, 2006**

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

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**MULTIPLE LEASES**

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**SUBMIT IN TRIPLICATE – Other instructions on reverse side**

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

**WESTPORT OIL & GAS COMPANY L.P.**

3a. Address

**1368 SOUTH 1200 EAST VERNAL, UT 84078**

3b. Phone No. (include area code)

**(435) 781-7024**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**SEE ATTACHED**

8. Well Name and No.

**MUTIPLE WELLS**

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

**UINTAH COUNTY, UTAH**

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<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>CHANGE OF OPERATOR</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

**APPROVED** 5/16/06  
*Earlene Russell*  
**Division of Oil, Gas and Mining**  
**Earlene Russell, Engineering Technician**

**RECEIVED**  
**MAY 10 2006**

DIV. OF OIL, GAS & MINING

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

Name (Printed/Typed)

**BRAD LANEY**

Signature

Title

**ENGINEERING SPECIALIST**

Date

**May 9, 2006**

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

*Brad Laney*

Title

Date

**5-9-06**

Office

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## United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
Colorado State Office  
2850 Youngfield Street  
Lakewood, Colorado 80215-7076

IN REPLY REFER TO:

CO922 (MM)  
3106  
COC017387 et. al.

March 23, 2006

### NOTICE

Kerr-McGee Oil & Gas Onshore L.P. :  
1999 Broadway, Suite 3700 : Oil & Gas  
Denver, CO 80202 :

#### Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303.239.3768.

/s/Martha L. Maxwell  
Martha L. Maxwell  
Land Law Examiner  
Fluid Minerals Adjudication

Attachment:

List of OG Leases to each of the following offices:  
MMS MRM, MS 357B-1  
WY, UT, NM/OK/TX, MT/ND, WY State Offices  
CO Field Offices

Wyoming State Office

Rider #1 to Bond WY2357  
Rider #2 to Bond WY1865  
Rider #3 to Bond WY1127



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>



IN REPLY REFER TO:  
3106  
(UT-922)

March 27, 2006

## Memorandum

To: Vernal Field Office  
From: Chief, Branch of Fluid Minerals  
Subject: Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of  
Fluid Minerals

## Enclosure

Approval letter from BLM COSO (2 pp)

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare  
Dave Mascarenas  
Susan Bauman

RECEIVED

MAR 28 2006

ENV. OF OIL, GAS & MINERALS

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-8348
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> LOVE
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> LOVE UNIT A1-18
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.	<b>9. API NUMBER:</b> 43047307060000
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	<b>PHONE NUMBER:</b> 720 929-6007 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1150 FSL 1345 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESW Section: 18 Township: 11.0S Range: 22.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> LOVE  <b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 11/5/2010	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" type="checkbox"/> <b>PLUG AND ABANDON</b>	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

THE OPERATOR REQUESTS AUTHORIZATION TO PLUG AND ABANDON THE SUBJECT WELL. PLEASE SEE THE ATTACHED PLUG AND ABANDONMENT PROCEDURE.

**Accepted by the Utah Division of Oil, Gas and Mining**

Date: November 10, 2010

By: *Derek Duff*

<b>NAME (PLEASE PRINT)</b> Andy Lytle	<b>PHONE NUMBER</b> 720 929-6100	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A		<b>DATE</b> 11/3/2010

LOVE UNIT A1-18  
 901' FSL & 1743' FWL  
 SWSE SEC.18, T11S, R22E  
 Uintah County, UT

KBE:	5821'	API NUMBER:	43-047-30706
GLE:	5808'	LEASE NUMBER:	U-8348
TD:	6465'	WINS #:	72274
PBTD:	6349	WI:	100.0000%
		NRI:	67.54902%

**CASING:** 17.5" hole  
 13.625" 54.5# K-55 @ 200'.  
 Cemented with 240 sx Class H, circulated 16 BC to pit. TOC at surface by circulation.

7.875" hole  
 4.5" 10.5# K-55 @ 6465', DV tool at 2500'.  
 Cemented with 1920 sx. 50-50 Pozmix out shoe, 550 sx 50-50 Pozmix out DV

**TUBING:** Baker A-2 LokSet packer with on/off tool and R nipple on 2.375" 4.7# J-55 tubing landed at 4958'. See well file for details.

Tubular/Borehole	Drift	Collapse	Burst	Capacities		
				Gal./ft.	Cuft./ft.	Bbl./ft.
2.375" 4.7# J-55 tbg.	1.901	8100	7700	0.1626	0.02173	0.00387
4.5" 10.5# J/K-55 csg.	3.927	4010	4790	0.6698	0.0895	0.01594
13.375" 48# H-40 csg	12.559	770	1730	6.5962	0.8817	0.157
<b>Annular Capacities</b>						
2.375" tbg. X 4.5" 10.5# csg.				0.4397	0.0587	0.01046
4.5" csg. X 13.375" 48# csg.				5.7708	0.7713	0.1374
4.5" csg. X 7.875" hole				1.7052	0.2278	0.0406
13.375" X 17.5" hole				5.1954	0.6946	0.1237

**GEOLOGIC INFORMATION:**

Formation	Depth to top, ft.
Uinta	Surface
Green River	932'
Bird's Nest	1147'
Mahogany	1463'
Base of Parachute	2272'
Wasatch	3858'
Mesa Verde	6338'

**Tech. Pub. #92 Base of USDW's**

USDW Elevation	~2000' MSL
USDW Depth	~3808' KBE

**PERFORATIONS:**

Formation	Date	Top	Bottom	SPF	Status
Wasatch	Apr-81	5150	5166	1	Open
Wasatch	Oct-80	5890		1	Open
Wasatch	Oct-80	5891		1	Open
Wasatch	Oct-80	5893		1	Open
Wasatch	Oct-80	5895		1	Open
Wasatch	Oct-80	5897		1	Open
Wasatch	Oct-80	5978		1	Open
Wasatch	Oct-80	5980		1	Open
Wasatch	Oct-80	5982		1	Open
Wasatch	Oct-80	5984		1	Open
Wasatch	Oct-80	5986		1	Open
Wasatch	Oct-80	5988		1	Open

**Completion – May 1980**

- Perforated the gross Wasatch interval 5890’ through 5988’, set packer at 5551’ and acidized with 3000 gal nitrified 7.5% HCl. Would kick off and flow a heavy mist when swabbed, but would not sustain itself.
- Pulled packer and fractured with 116500 gal gel containing 226000# 20/40 sand. Cleaned out, set packer at 5670’, acidized with 50 bbl 5% HCl, and commenced swabbing/flowing.
- Plugged tubing with sand, pulled same. Cleaned out well, set packer at 5729’, acidized with 3000 gal nitrified 15% HCl and ball sealers.
- Tested 375 MCFD, 4 BCPD, 35 BWPD on 11/28/1980.

**Recompletion – April 1981**

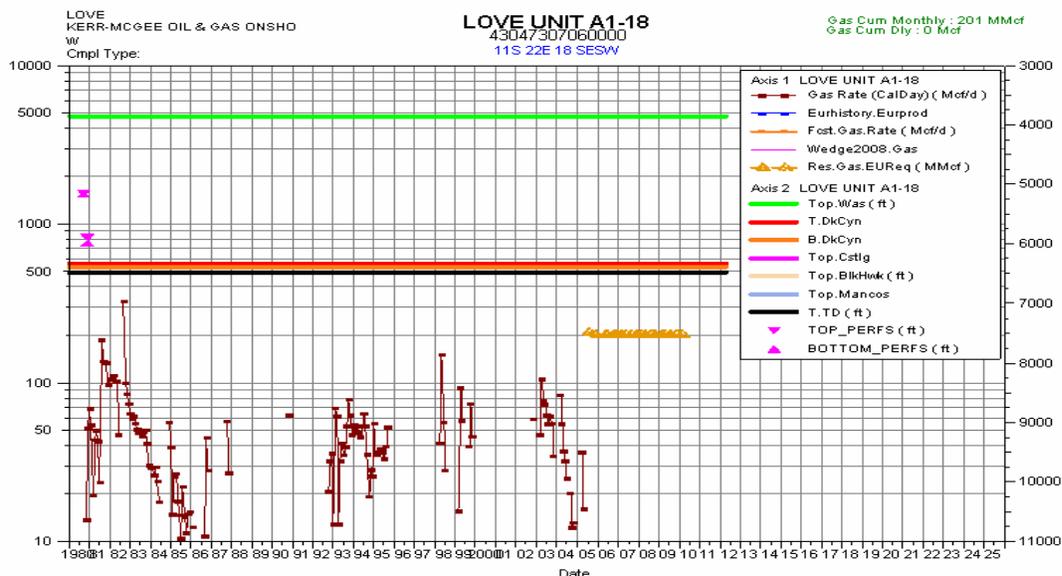
- Set CIBP at 5699’ and perforated the Wasatch interval 5150-5166’.
- Fractured with 105000 gal foam containing 220000# 20/40 sand.
- Cleaned out, set packer at 4950’ and swabbed to kick off.
- Tested 202 MCFD, 0 BCPD, 8 BWPD on 4/23/1981.

**Workover – July 1981**

- Pulled packer, drilled out CIBP and cleaned out to PBTD.
- Set packer at 4958’ with on-off tool and RTP at 272 MCFD, 0 BCPD, 1 BWPD on 8/22/1981.

**REMARKS:**

- Penetrated only the top of the Kmv, no interest at completion or in subsequent operators’ evaluations.
- No logs on file in Vernal office.

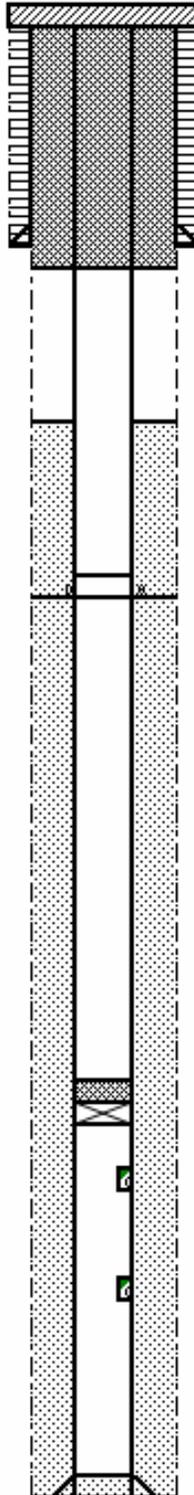


DATE: 06/11/01 WELL: Luva Unit A1-18 CNTY: Uiatok SEC: 18  
 FOREMAN: SMS FIELD: Luva STAT: UT TWP: 11S  
 RGE: 22E

KB (ft): 5821  
 GL (ft): 5808  
 PBTD (ft): 6439  
 TD (ft): 6475

P&A Status

0mt plug / surf to 250 ft  
 2nd str TOC @ 2076 ft  
 Calculated  
 0mt plug / 2425 to 2575 ft  
 1st str TOC @ 2504 ft  
 Calculated  
 0mt plug / 4950 to 5100 ft  
 CIBP @ 5100 ft



**CASING RECORD**

SIZE (in)	WT (lb/ft)	GRADE	THD	TOP (ft)	BTM (ft)	Date Run
13 3/8	48	K55		0	200	8/29/1980
4 1/2	10.5	K55		0	6,475	9/18/1980

**TUBING RECORD**

SIZE (in)	WT (lb/ft)	GRADE	THD	TOP (ft)	BTM (ft)	Date Run
2 3/8	4.7	J55		0	5,024	8/2/1981

**JEWELRY RECORD**

ITEM	MAKER	SIZE (in)	Max ID	TOP (ft)	Date Run
DV Tool		4 1/2		2504	9/18/1980
on/off tool		2 3/8		4956	8/2/1981
profile nipple		2 3/8	1.81	4957	8/2/1981
A-2 Lak Set	Baker	4 1/2		4958	8/2/1981
SN-Medelf		2 3/8	1.78	4963	8/2/1981

**PERFORATION RECORD**

ZONE	TOP (ft)	BTM (ft)	SPF	Date Shot
L Waratch	5889	5988	1	10/4/1980
U Waratch	5150	5167	1	4/16/1981

**COMMENTS:**

10/4/1980	Perf L Waratch 5889-5988 ft w/ 1 rpf
10/5/1980	Acidize 5889-5988 w/ 3000 galr 7 1/2% HCl + N2 + BS
11/6/1980	Frac 5889-5988 w/ 2774 bblr 40% XL + 10K # 100 mesh + 202K # 20/40 rd
11/9/1980	Acidize 5889-5988 w/ 3000 galr 5% HCl
11/19/1980	Acidize 5889-5988 w/ 3000 galr 15% HCl + N2 + BS
4/16/1981	CIBP @ 5699 ft; perf U Waratch 5150-5167 ft w/ 1 rpf; acidize w/ 3000 galr 15% HCl
4/17/1981	Frac 5150-5167 w/ 2571 bblr 670 Feam + 220K # 20/40 rd
7/31/1981	Drill out CIBP @ 5699 ft

## LOVE A1-18 PLUG & ABANDONMENT PROCEDURE

### GENERAL

- H2S MAY BE PRESENT. CHECK FOR H2S AND TAKE APPROPRIATE PRECAUTIONS.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, YIELD 1.145 CUFT./SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESPONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME. WHEN SQUEEZING, INCLUDE 10% EXCESS PER 1000' OF DEPTH.
- BRINE WITH A MINIMUM DENSITY OF AT LEAST 9 PPG MUST BE PLACED BETWEEN ALL PLUGS. 10 PPG IS ASSUMED IN THIS PROCEDURE.
- ALL DISPLACEMENT FLUID SHALL CONTAIN CORROSION INHIBITOR AND BIOCIDES. PREMIX 5 GALLONS PER 100 BBL FLUID.
- NOTIFY BLM 24 HOURS BEFORE MOVING ON LOCATION.

### PROCEDURE

**Note: An estimated 458 sx Class "G" cement needed for procedure**

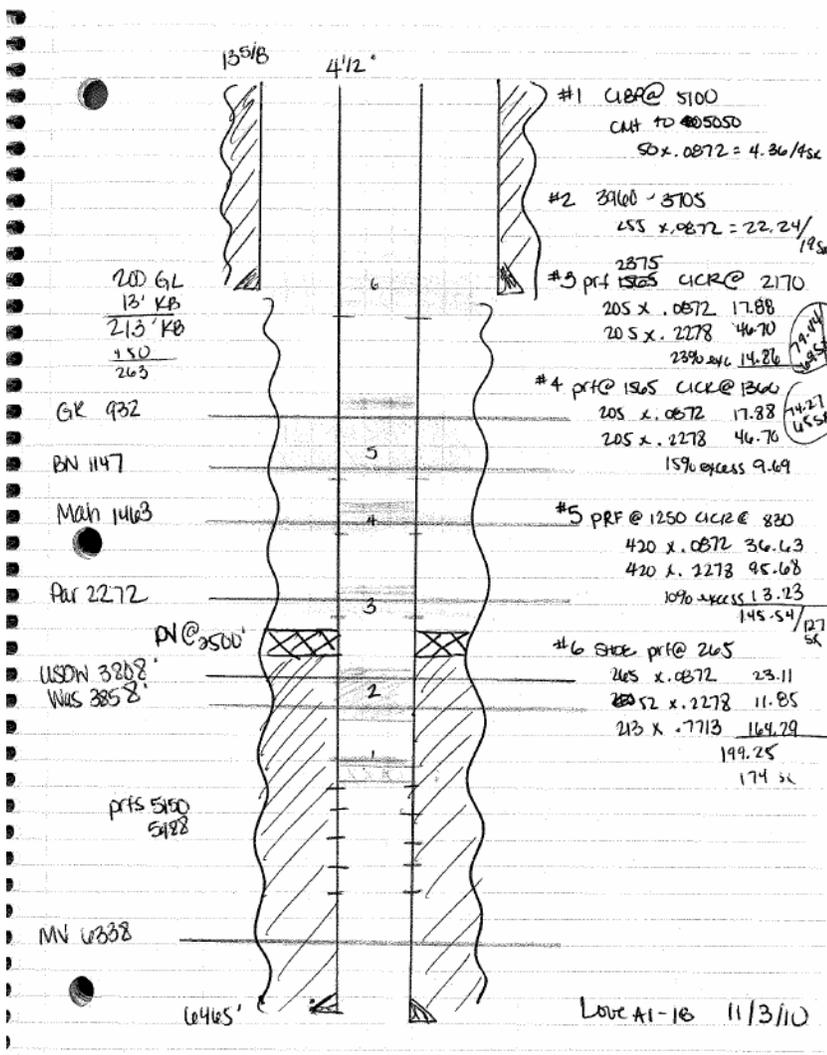
**Note: No gyro has been run as of 11/3/10**

1. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE. A GPS READING WILL NEED TO BE TAKEN AT THE WELL SITE AND RECORDED IN OPENWELLS. PLEASE TAKE IT TO THE 6TH DECIMAL PLACE.
2. PULL TBG & LD SAME. RELEASE PACKER @ 4656'. RU WIRELINE AND MAKE A GAUGE RING RUN TO CHECK FOR FILL.
3. RUN CBL (WITH PRESSURE IF NEEDED) TO CONFIRM TOC (NO CBL IN WELL FILE OR IN STATE DATABASE).  
**NOTE: PROCEDURE IS WRITTEN ASSUMING TOC AT TOP OF DV TOOL @ 2504'.**
4. **PLUG #1, ISOLATE WASATCH PERFORATIONS (5150' – 5988')**: RIH W/ 4 ½" CIBP. SET @ ~5100'. PUH 10', BRK CIRC W/ FRESH WATER. DISPLACE A MINIMUM OF **4 SX / 0.8 BBL / 4.36 CUFT**. ON TOP OF PLUG. PUH ABOVE TOC ~5050'. REVERSE CIRCULATE W/ TREATED 10 PPG BRINE.
5. **PLUG #2, PROTECT WASATCH TOP (3858') & BASE OF USDW (~3808')**: PUH TO ~3960'. BRK CIRC W/ FRESH WATER. DISPLACE **19 SX / 4.0 BBL / 22.24 CUFT**. AND BALANCE PLUG W/ TOC @ ~3705' (255' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ 10 PPG BRINE.
6. **PLUG #3, PROTECT BASE OF PARACHUTE MEMBER (~2272')**: POOH W/ TUBING. RIH W/ WIRELINE & PERFORATE @ 2375' W/ 4 SPF. POOH. PU & RIH W/ 4 ½" CIBP, SET @ ~2170'. RIH W/ TBG & STING INTO CIBP & SQUEEZE PERFS W/ APPROXIMATELY **69 SX / 14.1 BBL / 79.44 CUFT** (CALCULATION INCLUDES 23% EXCESS) OR SUFFICIENT VOLUME TO FILL CSG & BOREHOLE ANNULUS TO 2170'. STING OUT OF CIBP AND SPOT **4 SX / 0.8 BBL / 4.36 CUFT** CMT ON TOP OF CIBP. BRK CIRC W/ FRESH WATER. POOH ABOVE TOC (~2120'). REVERSE CIRCULATE W/ 10 PPG BRINE.
  - a. IF CBL CONFIRMS THAT THERE IS CEMENT BEHIND PIPE AT THIS DEPTH, A BALANCED CEMENT PLUG INSIDE 4 ½" CASING IS ALL THAT IS NEEDED, FROM 2175' – 1970'.
7. **PLUG #4, PROTECT MAHOGANY TOP (1463')**: POOH W/ TUBING. RIH W/ WIRELINE & PERFORATE @ 1565' W/ 4 SPF. POOH. PU & RIH W/ 4 ½" CIBP, SET @ ~1360'. RIH W/ TBG & STING INTO CIBP & SQUEEZE PERFS W/ APPROXIMATELY **65 SX / 13.2 BBL / 74.27 CUFT** (CALCULATION INCLUDES 15% EXCESS) OR SUFFICIENT VOLUME TO FILL CSG & BOREHOLE ANNULUS TO 1360'. STING OUT OF CIBP AND SPOT **4 SX / 0.8 BBL / 4.36 CUFT** CMT ON TOP OF CIBP. BRK CIRC W/ FRESH WATER. POOH ABOVE TOC (~1310'). REVERSE CIRCULATE W/ 10 PPG BRINE.
  - a. IF CBL CONFIRMS THAT THERE IS CEMENT BEHIND PIPE AT THIS DEPTH, A BALANCED CEMENT PLUG INSIDE 4 ½" CASING IS ALL THAT IS NEEDED, FROM 1565' – 1360'.
8. **PLUG #5, PROTECT BIRD'S NEST TOP (1147'), AND GREEN RIVER TOP (932')**: POOH W/ TUBING. RIH W/ WIRELINE & PERFORATE @ 1250' W/ 4 SPF. POOH. PU & RIH W/ 4 ½" CIBP, SET @ ~830'. RIH W/ TBG & STING INTO CIBP & SQUEEZE PERFS W/ APPROXIMATELY **127 SX / 25.9 BBL / 145.54 CUFT**

(CALCULATION INCLUDES 10% EXCESS) OR SUFFICIENT VOLUME TO FILL CSG & BOREHOLE ANNULUS TO 830'. STING OUT OF CICR AND SPOT 4 SX / 0.8 BBL / 4.36 CUFT CMT ON TOP OF CICR. BRK CIRC W/ FRESH WATER. POOH ABOVE TOC (~780'). REVERSE CIRCULATE W/ 10 PPG BRINE.

- a. IF CBL CONFIRMS THAT THERE IS CEMENT BEHIND PIPE AT THIS DEPTH, A BALANCED CEMENT PLUG INSIDE 4 1/2" CASING IS ALL THAT IS NEEDED, FROM 1250' - 830'.
9. **PLUG #6, SURFACE SHOE (213' KB) & SURFACE HOLE:** POOH W/ TBG. RIH W/ WIRELINE, PERFORATE @ 265' W/ 4 SPF. POOH W/ WIRELINE. RU CEMENT SERVICE TO PROD CSG. PUMP 174 SX / 35.5 BBL / 199.25 CUFT OR SUFFICIENT VOLUME TO FILL ANNULUS AND CASING TO SURFACE.
10. CUT OFF WELLHEAD AND INSTALL MARKER PER BLM GUIDELINES.
11. RDMO. TURN OVER TO OPERATIONS FOR SURFACE REHAB.

ALM 11/3/10



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-8348
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
		<b>7. UNIT or CA AGREEMENT NAME:</b> LOVE
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> LOVE UNIT A1-18	
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.	<b>9. API NUMBER:</b> 43047307060000	
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	<b>PHONE NUMBER:</b> 720 929-6515 Ext	<b>9. FIELD and POOL or WILDCAT:</b> LOVE
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1150 FSL 1345 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESW Section: 18 Township: 11.0S Range: 22.0E Meridian: S	<b>COUNTY:</b> UINTAH	
		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/21/2011	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	<input type="checkbox"/> SPUD REPORT Date of Spud:
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>The operator has concluded the plug and abandonment operations on the subject well location on 10/21/2011. Please see the attached chronological well history for details and updated latitude and longitude locations.</p> <p style="text-align: right;"><b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY</b></p>		
<b>NAME (PLEASE PRINT)</b> Jaime Scharnowske	<b>PHONE NUMBER</b> 720 929-6304	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 12/9/2011	

US ROCKIES REGION  
**Operation Summary Report**

Well: LOVE UNIT A1-18				Spud Date:				
Project: UTAH-UINTAH			Site: LOVE UNIT A1-18			Rig Name No: WESTERN WELLSITE/UNK		
Event: ABANDONMENT			Start Date: 10/18/2011		End Date: 10/21/2011			
Active Datum: RKB @0.00usft (above Mean Sea Level)				UWI: LOVE UNIT A1-18				
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
10/18/2011	7:00 - 17:00	10.00	ABAND					PREJOB SAFETY , BLOW DOWN WELL, KILL WELL WITH 30BLS BRINE WATER, NDWH, NUBOP, RELEASE PACKER, TOH, TIH WITH CIBP AND SET AT 5078', ROLL HOLE WITH 80BLS BRINE WATER, RU SCAN TECH, TOH AND TEST TUBING, SIW,SDFN
10/19/2011	7:00 - 17:00	10.00	ABAND					PREJOB SAFETY , RU CUTTERS WIRE LINE, RUN CBL, ETOC AT 390', RD CUTTERS WIRE LINE, RU MS SURVEY, RUN GYRO SURVEY, RD MS SURVEY, TIH AND TAG CIBP AT 5078', LOAD HOLE WITH 50BLS BRINE WATER WITH CORROSION INHIBITOR, PRESSURE TEST CASING TO 800PSI HELD, MIX AND PUMP 10SXS CLASS G CEMENT, TOH TO 3963', MIX AND PUMP 20SXS CLASS G CEMENT, TOH TO 2175', MIX AND PUMP 25SXS CLASS G CEMENT, TOH, WOC, SIW, SDFN WITNESSED BY: JOHNNY BOWEN BLM
10/20/2011	7:00 - 17:00	10.00	ABAND					PREJOB SAFETY , TIH AND TAG CEMENT AT 1850', TOH TO 1566', MIX AND PUMP 60SXS CLASS G CEMENT, TOH TO 589', REVERSE CIRCULATE HOLE WITH 20BLS BRINE WATER WITH CORROSION INHIBITOR, TOH, RU WIRE LINE, SHOOT PERFS AT 265', BREAK CIRCULATION TO SURFACE, RD WIRLINE, RD, NDBOP, NUWH, MIX AND PUMP 255SXS CLASS G CEMENT TO SURFACE WITH LCM (LOST CIRCULATION AT 155SXS PUMPED, RETURNED AT 195SXS PUMPED), SIW, WOC (CEMENT FALLING), SDFN WITNESSED BY: CADE TAYLER BLM
10/21/2011	7:00 - 17:00	10.00	ABAND					PREJOB SAFETY MEETING, DIG OUT WELLHEAD, CUT OFF WELLHEAD, TOP OFF WITH 10SXS CLASS G CEMENT, WELD ON INFO PLATE, MO SDFN  Witness was Cade Tayler BLM and Johnny Bowen BLM 380 total sxs cement 3132' yellow band 2 3/8" tubing recovered 1720' red band 2 3/8" tubing recovered Lat: +39.85580 Long:-109.50039

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-8348
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
		<b>7. UNIT or CA AGREEMENT NAME:</b> LOVE
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> LOVE UNIT A1-18	
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.	<b>9. API NUMBER:</b> 43047307060000	
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	<b>PHONE NUMBER:</b> 720 929-6515 Ext	<b>9. FIELD and POOL or WILDCAT:</b> LOVE
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1150 FSL 1345 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESW Section: 18 Township: 11.0S Range: 22.0E Meridian: S	<b>COUNTY:</b> UINTAH	
		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/21/2011		<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 50px;" type="text"/>
<input type="checkbox"/> SPUD REPORT Date of Spud:		
<input type="checkbox"/> DRILLING REPORT Report Date:		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>The operator has concluded the plug and abandonment operations on the subject well location on 10/21/2011. Please see the attached chronological well history for details and updated latitude and longitude locations.</p> <p style="text-align: right;"><b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY</b></p>		
<b>NAME (PLEASE PRINT)</b> Jaime Scharnowske	<b>PHONE NUMBER</b> 720 929-6304	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 12/9/2011	

US ROCKIES REGION  
**Operation Summary Report**

Well: LOVE UNIT A1-18				Spud Date:				
Project: UTAH-UINTAH			Site: LOVE UNIT A1-18			Rig Name No: WESTERN WELLSITE/UNK		
Event: ABANDONMENT			Start Date: 10/18/2011		End Date: 10/21/2011			
Active Datum: RKB @0.00usft (above Mean Sea Level)				UWI: LOVE UNIT A1-18				
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
10/18/2011	7:00 - 17:00	10.00	ABAND					PREJOB SAFETY , BLOW DOWN WELL, KILL WELL WITH 30BLS BRINE WATER, NDWH, NUBOP, RELEASE PACKER, TOH, TIH WITH CIBP AND SET AT 5078', ROLL HOLE WITH 80BLS BRINE WATER, RU SCAN TECH, TOH AND TEST TUBING, SIW,SDFN
10/19/2011	7:00 - 17:00	10.00	ABAND					PREJOB SAFETY , RU CUTTERS WIRE LINE, RUN CBL, ETOC AT 390', RD CUTTERS WIRE LINE, RU MS SURVEY, RUN GYRO SURVEY, RD MS SURVEY, TIH AND TAG CIBP AT 5078', LOAD HOLE WITH 50BLS BRINE WATER WITH CORROSION INHIBITOR, PRESSURE TEST CASING TO 800PSI HELD, MIX AND PUMP 10SXS CLASS G CEMENT, TOH TO 3963', MIX AND PUMP 20SXS CLASS G CEMENT, TOH TO 2175', MIX AND PUMP 25SXS CLASS G CEMENT, TOH, WOC, SIW, SDFN WITNESSED BY: JOHNNY BOWEN BLM
10/20/2011	7:00 - 17:00	10.00	ABAND					PREJOB SAFETY , TIH AND TAG CEMENT AT 1850', TOH TO 1566', MIX AND PUMP 60SXS CLASS G CEMENT, TOH TO 589', REVERSE CIRCULATE HOLE WITH 20BLS BRINE WATER WITH CORROSION INHIBITOR, TOH, RU WIRE LINE, SHOOT PERFS AT 265', BREAK CIRCULATION TO SURFACE, RD WIRLINE, RD, NDBOP, NUWH, MIX AND PUMP 255SXS CLASS G CEMENT TO SURFACE WITH LCM (LOST CIRCULATION AT 155SXS PUMPED, RETURNED AT 195SXS PUMPED), SIW, WOC (CEMENT FALLING), SDFN WITNESSED BY: CADE TAYLER BLM
10/21/2011	7:00 - 17:00	10.00	ABAND					PREJOB SAFETY MEETING, DIG OUT WELLHEAD, CUT OFF WELLHEAD, TOP OFF WITH 10SXS CLASS G CEMENT, WELD ON INFO PLATE, MO SDFN  Witness was Cade Tayler BLM and Johnny Bowen BLM 380 total sxs cement 3132' yellow band 2 3/8" tubing recovered 1720' red band 2 3/8" tubing recovered Lat: +39.85580 Long:-109.50039

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
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<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/21/2011  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> APD EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER                              OTHER: <input style="width: 100px;" type="text"/>	
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<b>NAME (PLEASE PRINT)</b> Jaime Scharnowske	<b>PHONE NUMBER</b> 720 929-6304	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 12/9/2011	

US ROCKIES REGION  
**Operation Summary Report**

Well: LOVE UNIT A1-18				Spud Date:				
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Active Datum: RKB @0.00usft (above Mean Sea Level)				UWI: LOVE UNIT A1-18				
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