

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

5. LEASE DESIGNATION AND SERIAL NO.  
U 41377 ✓

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
NA

7. UNIT AGREEMENT NAME  
NA

8. FARM OR LEASE NAME  
Coyote Basin

9. WELL NO. ✓  
14-6

10. FIELD AND POOL, OR WILDCAT  
Coyote Basin

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 6  
T8S R25E

12. COUNTY OR PARISH | 13. STATE  
Uintah | Utah

16. NO. OF ACRES IN LEASE  
360.24

17. NO. OF ACRES ASSIGNED TO THIS WELL  
80 ✓

20. ROTARY OR CABLE TOOLS  
Rotary

22. APPROX. DATE WORK WILL START\*  
11-25-83

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
DIVISION OF OIL, GAS & MINING DEPT. OF INTERIOR  
DEEPEEN  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  
3373 Cherry Creek Dr. No., #750, Denver, Colorado 80209

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At surface: 660' FSL & 660' FWL Section 6  
At proposed prod. zone

SW 1/4 SW 1/4  
GREEN RIVER

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
36.2 miles south-east of Vernal Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
660'

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

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
5567' GR

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8-5/8"	24#	250'	Circ to surface.
7-7/8"	5-1/2"	15.5#	4640'	560 sxs in two stages

Drill 4640' Green River test, Drill 11" surface hole to 250' with native brine water to clean hole, set 8-5/8" casing and cement to surface. Wait on cement 12 hrs. Pressure test casing and BOP to 70% of casing yield (2065 psi) before drilling out, test BOP operation daily and record. Drill 7-7/8" hole to 4640'. Mud weight will be 8.3 to 9.0 ppg. Evaluate well by sample analysis and electric logs. Run 5-1/2" casing if a commercial well is expected. Cement in two stages, with DV tool set @ ± 3000', with adequate cement to cover the Green River oil shales.

no other wells in area  
area unit #38 w/2 SW 1/4  
Verbal approval to Terry Greenhall w/ water stipulation  
11/4/83  
#129-1-43-67

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

24. SIGNED *[Signature]* TITLE Division Production Mgr. DATE 10-5-83

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY *[Signature]* TITLE DISTRICT MANAGER DATE 11/1/83

CONDITIONS OF APPROVAL, IF ANY:  
State Oil Gas & Mining  
117-680-4-M-012  
NOTICE OF APPROVAL  
CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY  
FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A DATED 1/1/80

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  
 3373 Cherry Creek Dr. No., #750, Denver, Colorado 80209

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
 At surface: 660' FSL & 660' FWL Section 6  
 At proposed prod. zone: *SWSW*

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 36.2 miles south-east of Vernal Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
 660'

16. NO. OF ACRES IN LEASE  
 360.24

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 80

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 4640' *GR RIVER*

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 5567' GR

22. APPROX. DATE WORK WILL START\*  
 11-25-83

5. LEASE DESIGNATION AND SERIAL NO.  
 U 41377

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 NA

7. UNIT AGREEMENT NAME  
 NA

8. FARM OR LEASE NAME  
 Coyote Basin

9. WELL NO.  
 14-6

10. FIELD AND POOL, OR WILDCAT  
 Coyote Basin

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Section 6  
 T8S R25E

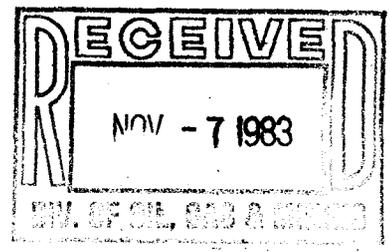
12. COUNTY OR PARISH  
 Uintah

13. STATE  
 Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8-5/8"	24#	250'	Circ to surface
7-7/8"	5-1/2"	15.5#	4640'	560 sxs in two stages

Drill 4640' Green River test, Drill 11" surface hole to 250' with native brine water to clean hole, set 8-5/8" casing and cement to surface. Wait on cement 12 hrs. Pressure test casing and BOP to 70% of casing yield (2065 psi) before drilling out, test BOP operation daily and record. Drill 7-7/8" hole to 4640'. Mud weight will be 8.3 to 9.0 ppg. Evaluate well by sample analysis and electric logs. Run 5-1/2" casing if a commercial well is expected. Cement in two stages, with DV tool set @ ± 3000', with adequate cement to cover the Green River oil shales.



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

24. SIGNED *[Signature]* TITLE Division Production Mgr. DATE 10-5-83

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

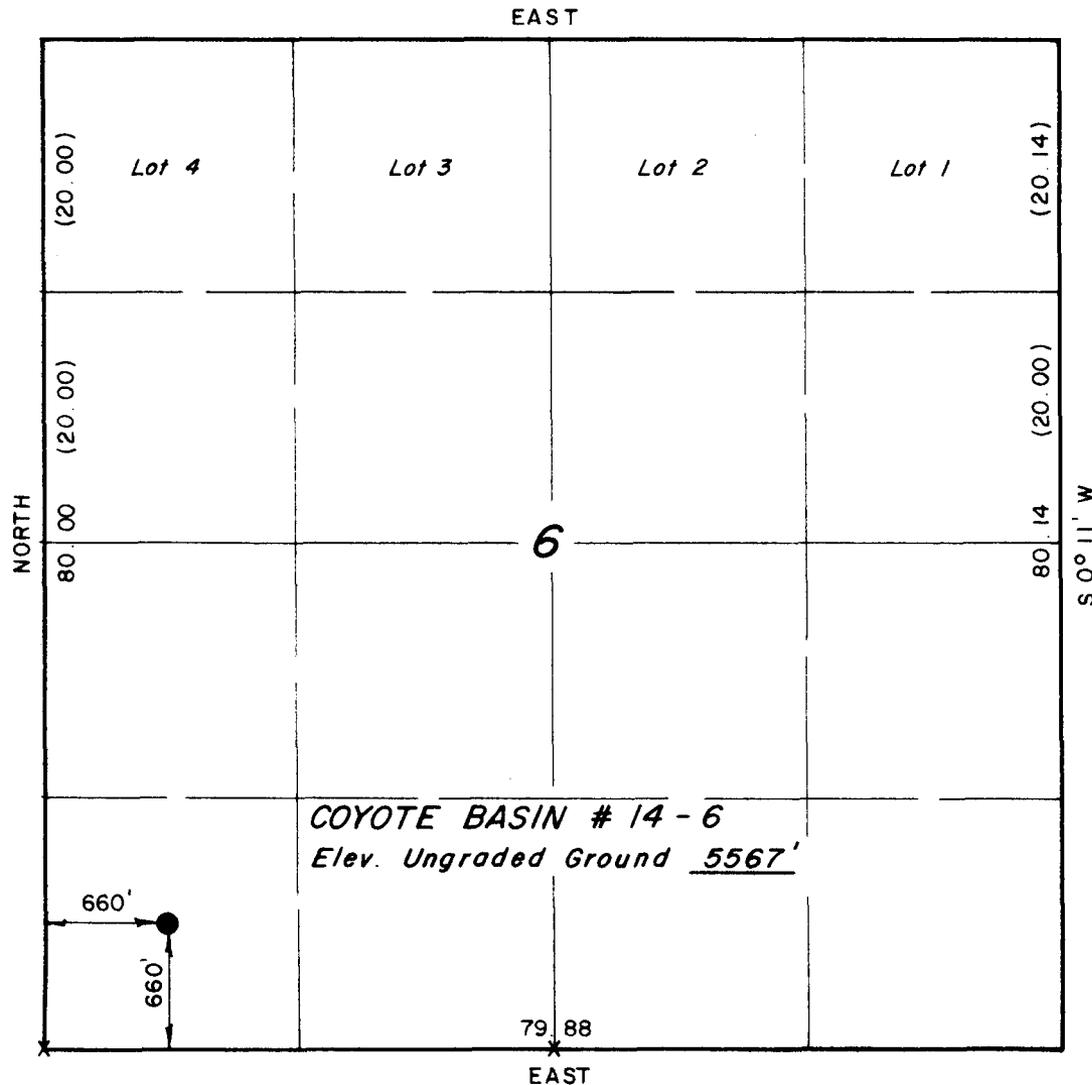
*Verbal 11-4-83*  
*1291*  
*11-7-83*

T 8 S, R 25 E, S.L.B. & M.

PROJECT

COTTON PETROLEUM

Well location, *COYOTE BASIN* #14-6, located as shown in the SW 1/4 SW 1/4 Section 6, T8S, R 25 E, S.L.B. & M. Uintah County, Utah.



X = Section Corners Located



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

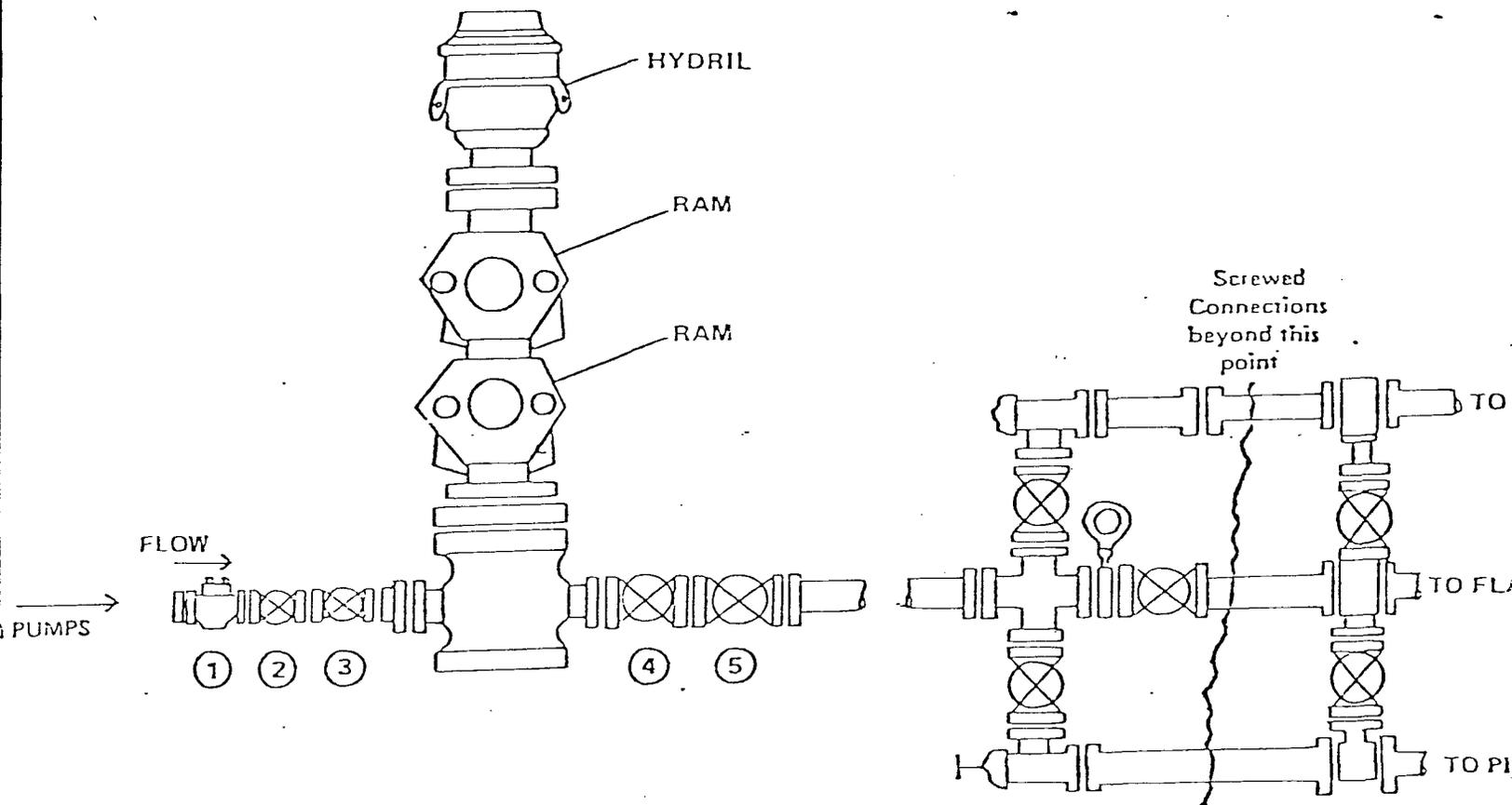
*James Stewart*

REGISTERED LAND SURVEYOR  
REGISTRATION NO 3154  
STATE OF UTAH

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

SCALE 1" = 1000'	DATE 9 / 22 / 83
PARTY D.A. R.T.      BFW	REFERENCES GLO Plat
WEATHER Fair	FILE Cotton Petro.

# BOP REQUIREMENTS



## KILL LINE

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

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

## CHOKER LINE

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

## GENERAL RULES AND RECOMMENDATIONS

Test Rams to full working pressure, Hydril to 50% of working pressure.

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

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

Choke manifold may be screwed connections behind chokes.



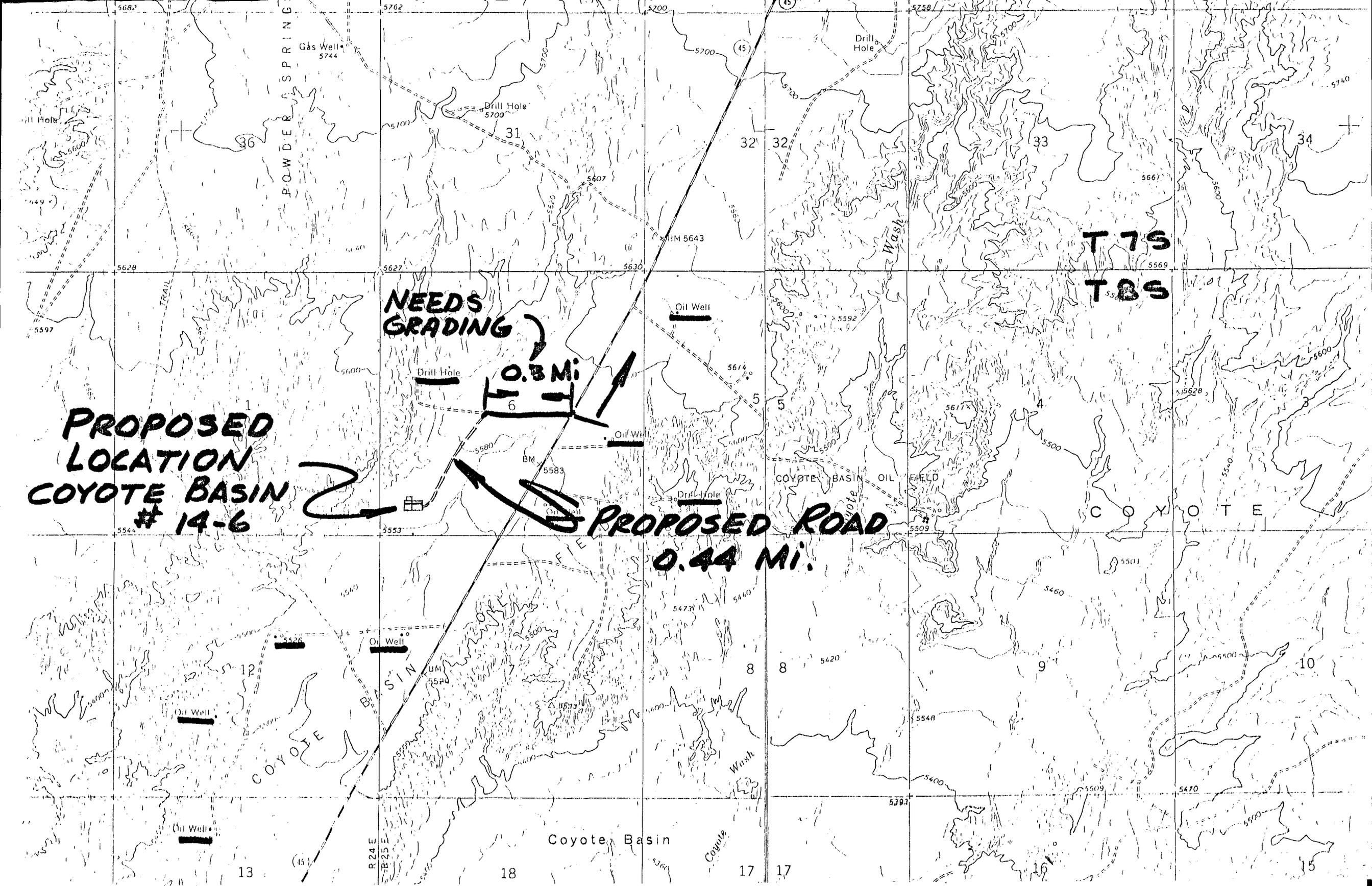
**PROPOSED  
LOCATION  
COYOTE BASIN  
# 14-6**

**NEEDS  
GRADING**

**0.3 Mi**

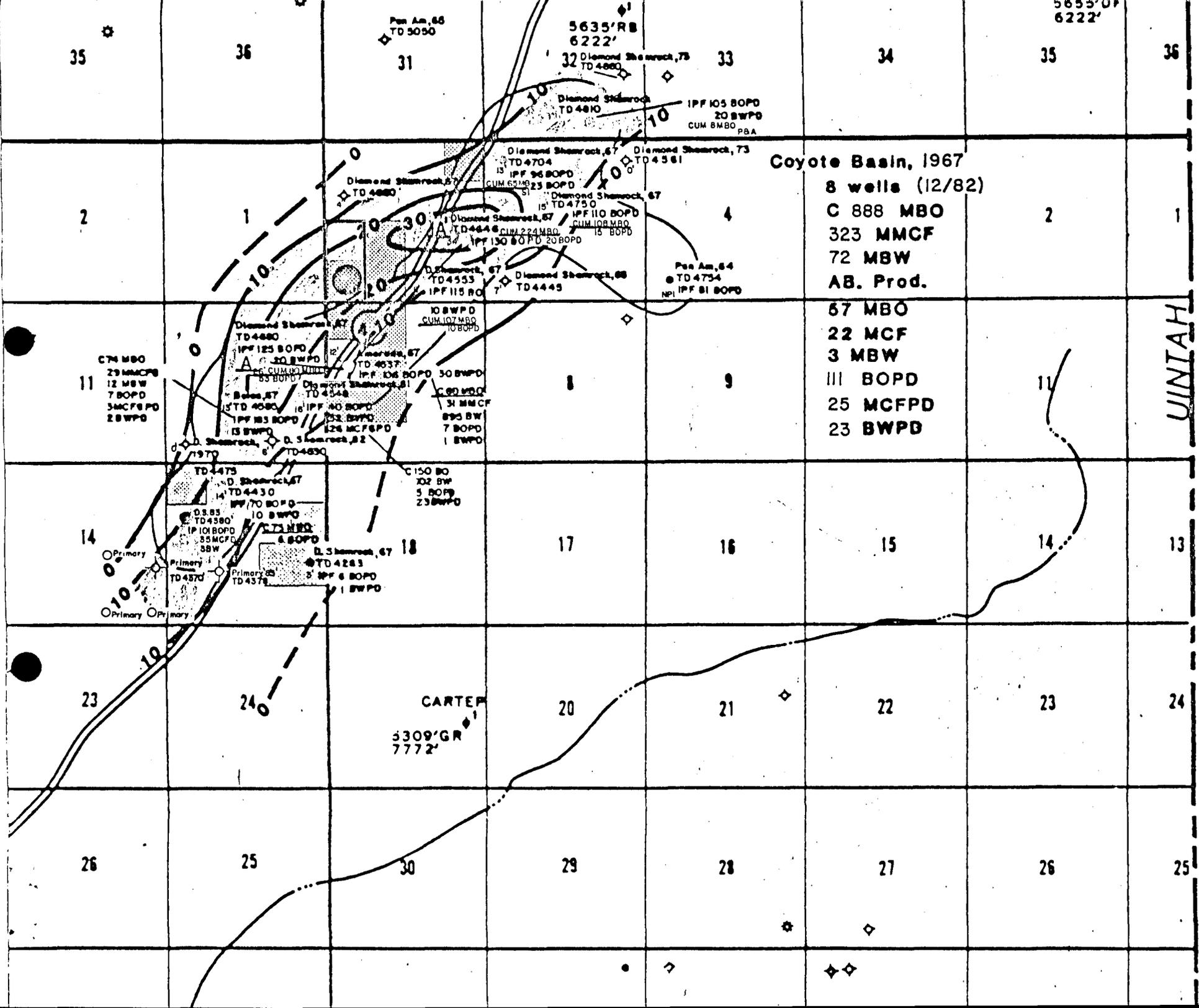
**PROPOSED ROAD  
0.44 Mi.**

**T 7 S  
T 8 S**





Take Highway 40 East out of Vernal, Utah 25.1 miles to County Road 45.  
Turn south, travel 11.1 miles to access road to proposed location.



17 S

ATTACHMENT 4

T 8 S

UINIAH

Coyote Basin, 1967

8 wells (12/82)

C 888 MBO

323 MMCF

72 MBW

AB. Prod.

67 MBO

22 MCF

3 MBW

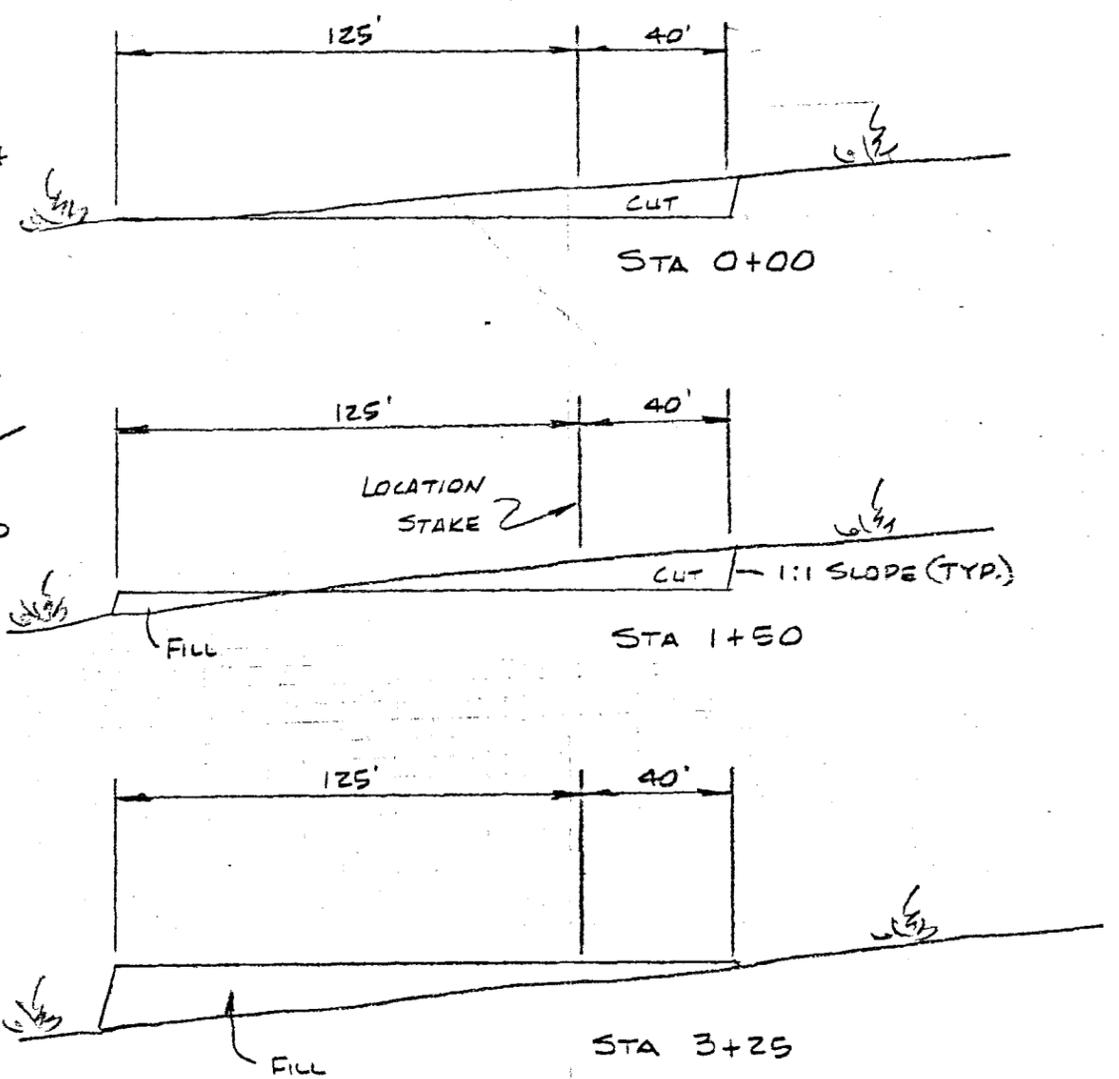
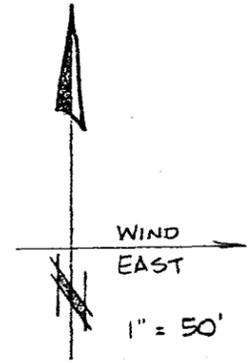
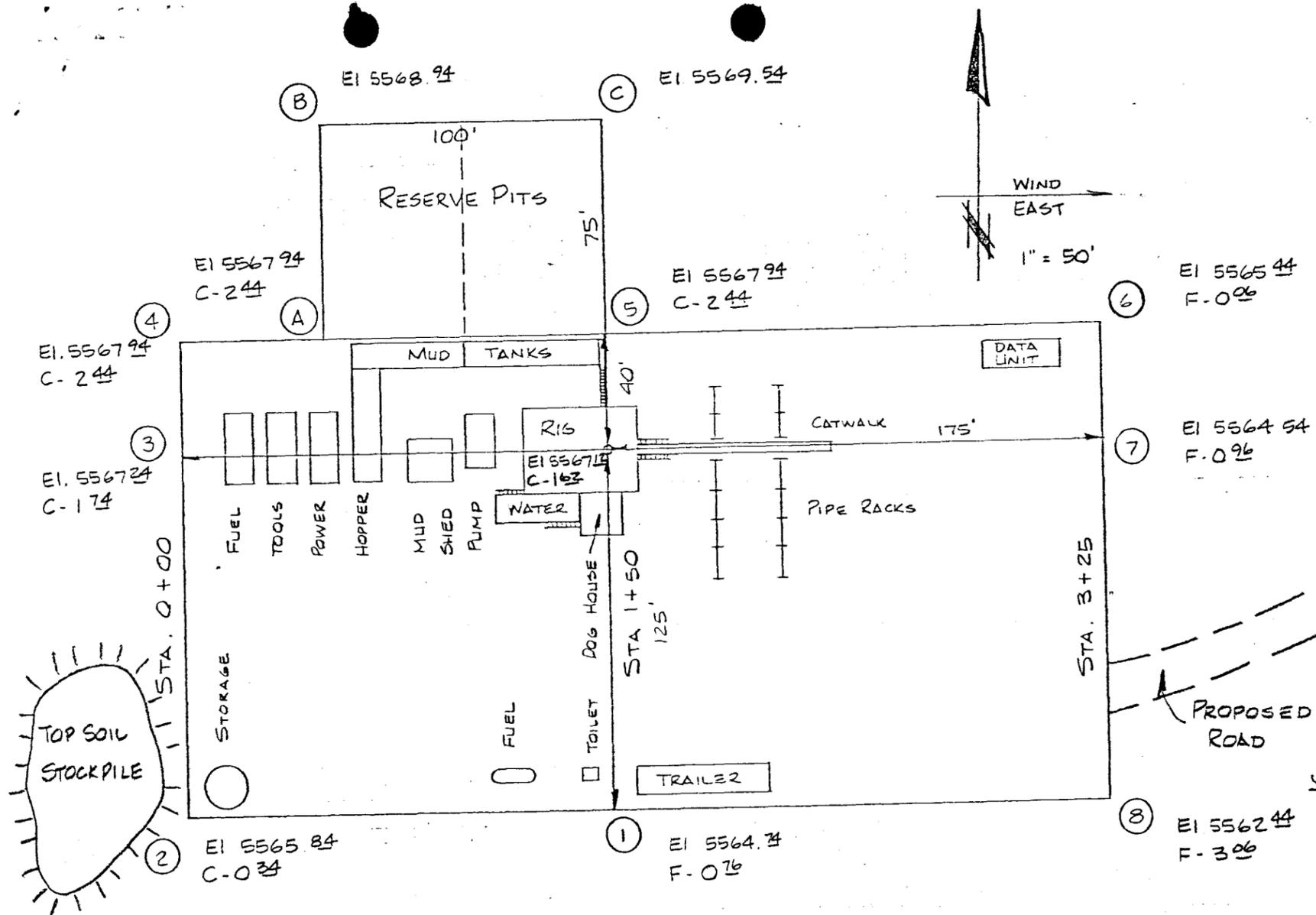
111 BOPD

25 MCFPD

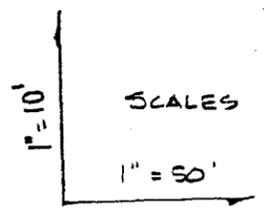
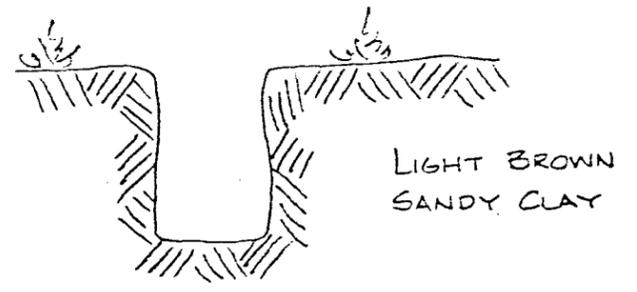
23 BWPD

CARTER  
5309'GR  
7772'

COTTON PETROLEUM  
 LOCATION LAYOUT & CUT SHEET  
 COYOTE BASIN # 14-6



SOILS LITHOLOGY  
 NO SCALE



APPROX. YARDAGES

CUT 1523 CU. YDS

FILL 988 CU. YDS

October 5, 1983

BLM  
1745 W. 1700 S., Suite 2000  
Salt Lake City, Utah 84104

Re: Coyote Basin 14-6  
SWSW Sec 6 T8S-R25E  
Uintah Co. Utah  
NTL-6 Informtion

1. Surface Formation: Tertiary/Uintah
2. Estimated Tops:                      Green River:     1890  
   Douglas Creek:   3930  
   Wasatch Tongue: 4380  
   TD:                      4640
3. Estimated depth of fluids or hydrocarbons:
  - a. surface waters:                      above 1000'
  - b. Green River:                              oil shale and oil
  - c. Douglas Creek:                           oil and gas
  - d. Wasatch Tongue:                        oil and gas
4. Surface Casing: Approximately 250' of 8 5/8-24#-K55 new casing will be set with cement circulated to surface.  
  
Long String of Casing: 5 1/2-15.5#-K55 new casing will be set and cemented with a total of 560 sx of Poz Mix cement in two stages. The stage tool will be set at 3000'
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 2065 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 Fluids:

- a. surface Hole: Fresh water, wt 8.3-- 8.7, vis 27-30
- b. Under Surface to 4000': Fresh water, wt 8.4 - 8.8, vis 27-30
- c. 4000'-4600': Fresh water with additives to obtain the following properties, wt 8.8 - 9.0, Vis 35-40, WL 10-15
- d. 400 barrel steel surface pits.
- e. No formation gradient higher than 0.45 psi per foot is expected.

7. Auxiliary Equipment:

There will not be any auxiliary equipment installed.

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 GR-DLL-MSFL, GR-FDC-CNL, surface casing to TD will be run for depth control of all formations, porosity, and saturation determinations. Completion attempt will be made in the Wasatch Tongue of the Green River with a fracture stimulation consisting of 35,000 gallons Gelled water and 90,000 lbs 20/40 sand.

9. Pressure 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 11/25/83 and will require two weeks for drilling plus required time for evaluation of potential reservoirs (testing, logging) and any difficulties encountered by the drilling rig.

Sincerely,

*DE Wood / DED*

D.E.Wood  
Division Production Manager  
Cotton Petroleum Corporation

Coyote Basin 14-6  
MULTI-POINT REQUIREMENTS  
13 POINT PLAN

1. Existing Roads:

- A. The location of the proposed well site is shown on Attachment 2. The details of the staked location are shown on Attachment 5.
- B. The route to the proposed location is shown in red on Attachment 2, with a written description on Attachment 3.
- C. The access road is highlighted in red on Attachment 2.
- D. This is a development well, therefore, "d" is not applicable
- E. This is a development well, therefore, to the best of our knowledge all existing roads within a 1 mile radius of the well site are shown on Attachment 2.
- F. The existing roads are graded and capable of full load capacity, and will not require any additional preparation for drilling operations. Road maintenance (grading) will be performed as required.

2. Planned Access Roads:

- A. The proposed access road to the well location will be centerline flagged, approximately .44 miles in length, single lane, and 16' in width.
- B. Maximum grade will be less than 10%.
- C. 2 turnouts will be constructed on the access road with less than 1000' between turnouts, shown on Attachment 2.
- D. A drainage ditch will be constructed on the uphill side with 4:1 slope; with diversions away from the road or as required on the downhill side, where the slope exceeds 2%.
- E. No culverts will be needed.
- F. All surface material will be local soil and rock.
- G. Gates, cattleguards, and fence cuts are not required.

3. Location of Existing Wells:

- A. Attachment 4 shows the location and type of wells located within 1 mile of proposed location.

4. Location of Existing and/or Proposed Facilities:

- A. There are not any batteries, production facilities, oil or gas gathering lines, injection lines or disposal lines owned or controlled by the

lessee/operator within 1 mile of this proposed location.

- B. The proposed facilities for this proposed well consist of two (2) 400 bbl tanks, and a treater as shown on Attachment 5.
- C. The disturbed areas, no longer needed for operations after construction is completed, will be rehabilitated consistent with BLM requirements.

5. Location and Type of Water Supply:

- A. Water for drilling this proposed well, will be supplied by a private water well in the town of Vernal.
- B. The water will be hauled to location by truck, over the access roads shown on Attachment 2.

6. Source of Construction Materials:

- A. All roads or location material will be found on location, which is on BLM land.

7. Methods for Handling Waste Disposal:

- A. Well cuttings will be disposed in the reserve pit.
- B. Drilling fluids will be contained in the reserve pit, and allowed to dry, if the pit has not dried out in 12 months, the remaining fluid will be trucked away.
- C. Produced water will be disposed of in accordance with the NTL-2B regulations.
- D. Sewage will be collected in sanitary toilet facilities, with human waste being buried in a pit with a minimum coverage of 4'.
- E. Garbage and other waste material will be collected in metal trash bins and hauled away to an approved landfill.
- F. If the well is productive, maintenance waste will be collected in trash cans and hauled away periodically. The well site will be properly cleaned up after the drilling rig has moved out.

8. Ancillary Facilities:

- A. Temporary living trailers will be located on the south edge of the well pad. This will include trailers for the rig tool pusher, consulting engineer, and the mud logging trailer.

9. Well Site Layout:

- A. Attachment 6 shows the cross section of the drill pad showing cuts and fills. The mat size is 325' x 165'.

- B. Attachment 5 shows the proposed locations of the reserve and burn pits, and soil stockpiles. Also, shown is the approximate proposed locations for the mud tanks, pipe racks and trash bins. Reserve pit is 75' x 100' joining pad on the north.
- C. The rig orientation, parking areas and access road is also shown on Attachment 5.
- D. The pits will be unlined, unless required by the BLM.

10. Restoration of Surface:

- A. The pits will be back filled and re-contoured as soon as drying permits. All waste that was not previously disposed of, will be removed. Liquid waste will be trucked away.
- B. The surface will be rehabilitated and re-vegetated according to BLM regulations.
- C. The mud pit will be fenced on 3 sides during operations, and on the 4th side after the rig is released. All other pits will be fenced with small mesh wire on 4 sides.
- D. Overhead flagging will be installed on the mud pit if the pit gets covered with oil.
- E. Rehabilitation operations will start after production is established or the well is P & A'd, and will be completed within six months.

11. Other Information:

- A. Topography - Land is gently sloping to the southwest as shown by the topographic map in Attachment 2.
- 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 completed.
- D. Ponds and Streams - There are not any ponds or streams near the location.
- 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 BLM controlled Federal surface. All proposed roads are on BLM controlled Federal surface.
- I. Well Signs - Signs identifying and locating the well will be maintained at drillsite commencing with the

spudding of the well.

12. Operator's Representatives:

- A. Field personnel who can be contacted concerning compliance with the Multi-Point Requirements, 13 Point Plan are as follows:

Dusty Mecham Home Phone: 801-789-0489  
Office Phone: 801-789-4728 Answering  
Service 801-789-5000

D. E. Wood, Denver, Colorado Home Phone  
303-773-2722 Office Phone 303-355-0101

Glenn Garvey, Denver, Colorado Home Phone  
303-979-3714 Office Phone 303-355-0101

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 / D. E. W.*

D. E. Wood  
Division Production Manager

COTTON PETROLEUM CORPORATION

### CASING PROGRAM

Adequate and sufficient electric/radioactive logs will be run to locate and identify the prime oil shale horizons in the Mahogany zone of the Green River formation. Casing and cementing programs will be adjusted to eliminate any potential influence of the well bore or productive hydrocarbon zones on the oil shale resource. Surface casing program may require adjustment for protection of fresh water aquifers. See attached tentative casing and cementing program for the Uinta Basin.

ADDITIONAL STIPULATIONS FOR PRODUCTION FACILITIES

Your application for Permit to Drill also included a submittal for production facilities. These production facilities are approved for the lessee and his designated operator under Section 1 of the Oil and Gas Lease with the following conditions:

(1) The oil and gas measurement facilities must be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy are to be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. Please provide this office with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports are to be submitted to the Vernal District Office. Royalty payments will be made on all production volume as determined by the meter measurements or the tank measurements. All measurement facilities must conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

(2) Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs must be housed and/or fenced.

(3) All disturbed areas not required for operations will be rehabilitated.

(4) All produced liquids must be contained including the dehydrator vent/condensate line effluent. All production pits must be fenced.

(5) The well activity, the well status and the date the well is placed on production must be reported on Lessee's Monthly Report of Operations, Form 9-329.

(6) All off-lease storage, off-lease measurement, or commingling on lease or off-lease must have written approval.

(7) All product lines entering and leaving hydrocarbon storage tanks must be locked/sealed.

(8) You are reminded of the requirements for handling, storing, or disposing of water produced from oil and gas wells under NTL-2B.

(9) All materials, trash, junk, debris, etc. not required for production must be removed from the well site and production facility site at the completion of these operations.

(10) A copy of the Gas Sales Contract will be provided to this office and the Royalty Accounting Department as directed.

(11) Construction and maintenance for surface use approved under this plan should be in accordance with the surface use standards as set forth in the ELM/GS Oil and Gas Brochure entitled, "Surface Operating Standards for Oil and Gas Exploration and Development." This includes, but is not limited to, such



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
VERNAL DISTRICT OFFICE  
170 South 500 East  
Vernal, Utah 84078

IN REPLY  
REFER TO:  
T & R  
U-802

October 31, 1983

## CONDITIONS OF APPROVAL OF PROJECTS

Re: Cotton Petroleum Corporation  
Well #14-6 Coyote Basin  
Section 6, T8S, R25E  
Uintah County, Utah

1. Construction and maintenance of roads, rehabilitation of disturbed areas, and construction of pipeline routes shall be in accordance with the surface use standards as set forth in the booklet, "Surface Operating Standards for Oil and Gas Exploration".
2. Travelling off access road rights-of-way will not be allowed. The maximum width of access roads (both existing and planned) will be 30 feet total disturbed area. Roads will be crowned and properly maintained. Turnouts and bar ditches will be installed where necessary.
3. Burn pits will not be constructed. No trash or garbage will be burned or buried at the well sites. Refuse must be contained in trash cages and hauled to an approved disposal site.
4. A wire mesh or net type of fence, topped with at least one strand of barbed wire, will be maintained around the reserve pits.
5. The BLM will be contacted at least 24 hours prior to any rehabilitation activities. The operator may be informed of any additional seeding requirements.
6. About 6-8" of topsoil would be stockpiled near stake #1 on the south side of the location.
7. Run adequate electric, sonic, radioactivity and caliper logs to identify prime oil shale zones and fresh water aquifers. Casing and cementing programs will be adjusted to protect oil and gas zones, other minerals and fresh water.
8. Additional stipulations are attached for production facilities.

items as road construction and maintenance, handling of top soil and rehabilitation.

(12) "Sundry Notice and Reports on Wells" (form 9-331) will be filed for all changes of plans and other operations in accordance with 43 CFR 3164. Emergency approval may be obtained verbally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, measurement facilities, etc., will require the filing of a suitable plan and prior approval by the survey.

(13) All permanent (on location for six (6) months duration or longer) structures constructed or installed, including the pumpjack and covering over tank insulation, shall be painted a flat, non-reflective, earth tone color to match the standard environmental colors Rocky Mountain 5 States Interagency Committee or an approved equal. All facilities shall be painted within six (6) months of when the production facilities are put in place. Facilities that are required to comply with O.S.H.A. (Occupational Safety and Health Act) standards are excluded.

OPERATOR COTTON PETROLEUM CORP DATE 11-7-83

WELL NAME COYOTE BASIN 14-6

SEC SW SW 6 T 8S R 25E COUNTY UINTAH

43-047-31409  
API NUMBER

FED  
TYPE OF LEASE

POSTING CHECK OFF:

INDEX

MAP

HL

NID

PI

PROCESSING COMMENTS:

VERBAL BY RON FIATH TO TERRY GAZER/16/14/83 11-9-83

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

DATE: 11-4-83

BY: [Signature]

CHIEF PETROLEUM ENGINEER REVIEW:

11/8/83  
Narbo 11/4/83 ✓

APPROVAL LETTER:

SPACING:  A-3 \_\_\_\_\_ UNIT

c-3-a 129-1 9-12-67  
CAUSE NO. & DATE

c-3-b

c-3-c

SPECIAL LANGUAGE

WATER

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

AUTHENTICATE LEASE AND OPERATOR INFORMATION

VERIFY ADEQUATE AND PROPER BONDING

AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

APPLY SPACING CONSIDERATION

ORDER 129-1

UNIT \_\_\_\_\_

c-3-b

c-3-c

STATE OF TEXAS  
DEPARTMENT OF AGRICULTURE  
AND FORESTRY  
DIVISION OF OIL FIELD REGULATION  
1000 NORTH BRIDGES  
DALLAS, TEXAS 75202

CHECK DISTANCE TO NEAREST WELL.

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

IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

VERIFY LEGAL AND SUFFICIENT DRILLING WATER

November 4, 1983

Cotton Petroleum Corporation  
3373 Cherry Creek Drive North, #750  
Denver, Colorado 80209

RE: Well No. Coyote Basin 14-6  
SWSW Sec. 6, T. 8S, R. 25E  
660' FSL, 660' FWL  
Uintah County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with the Order issued in Cause No. 129-1 dated September 13, 1967. Prior to spudding, a copy of the Utah Division of Water Rights (Phone No. 801-533-6071) approval for use of purchase of drilling water must be submitted to this office, otherwise this approval is void.

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

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

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

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

The API number assigned to this well is 43-047-11409.

Sincerely,

Norman C. Stout  
Administrative Assistant

NCS/as  
cc: Branch of Fluid Mineral  
Encl.

watack  
g

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: COTTON PETROLEUM

WELL NAME: Coyote Basin 14-6

SECTION SWSW 6 TOWNSHIP 8S RANGE 25E COUNTY UINTAH

DRILLING CONTRACTOR Ram Air Drilling ✓

RIG # \_\_\_\_\_

SPUDDED: DATE 11-22-83

TIME \_\_\_\_\_

HOW Air Drilled ✓

DRILLING WILL COMMENCE Dec. 5 or 6 - Shelby Drilling, Rig #53

REPORTED BY Glen Garvey

TELEPHONE # 303-355-0101

DATE 11-29-83 SIGNED \_\_\_\_\_ AS \_\_\_\_\_

*Commenced Drilling w/ Chandler Rig #1  
@ 6 AM, 12/3/83,  
✓ Dusty Mechem, Natural office*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. oil well  gas well  other  **DIVISION OF OIL, GAS & MINING**

2. NAME OF OPERATOR  
Cotton Petroleum Corporation

3. ADDRESS OF OPERATOR  
3773 Cherry Creek Drive No. #750, Den, CO

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
660' FSL 660' FWL Sec 6

AT SURFACE:  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

5. LEASE U-41377

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
NA

7. UNIT AGREEMENT NAME  
NA

8. FARM OR LEASE NAME  
Coyote Basin

9. WELL NO.  
14-6

10. FIELD OR WILDCAT NAME  
Coyote Basin

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec 6 T8S R24E

12. COUNTY OR PARISH  
Uintah

13. STATE  
UT

14. API NO.  
43-047-31409

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
5567' GR

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 checked="" type="checkbox"/>		<input type="checkbox"/>
(other)			

(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.)\*

Cotton Petroleum requested verbal approval from Jerry Kenczka on 12-12-83, at 6:00 pm, to abandon this well as follows:

- TD - 2460' surface csg 8-5/8" set at 250', mud wt 8.8#/gal
1. Set 200' (60 sxs) cmt plg from 1990-1790' across the top of the Green River formation
  2. Set 200' (60 sxs) cmt plg from 350'-150' across the surface casing shoe.
  3. Set 25 sxs cmt plug at surface with dry hole marker.
  4. The drilling rig will be skidded approximately 160' East and the well will be redrilled.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED [Signature] TITLE Division Prod. Mgr. DATE January 4, 1984

(This space for Federal or State office use)

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

**APPROVED BY THE STATE**  
**OF UTAH DIVISION OF**  
**OIL, GAS, AND MINING**  
DATE: 1/4/84  
BY: [Signature]

\*See Instructions on Reverse Side

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING  
4241 State Office Building  
Salt Lake City, UT 84114

RECEIVED  
MAY 10 1964  
DIVISION OF  
OIL, GAS & MINING

\*REPORT OF WATER ENCOUNTERED DURING DRILLING\*

Well Name & Number Coyote Basin 14-6

Operator Cotton Petroleum Corporation Address 3773 Cherry Creek Dr No #750  
Denver, CO 80209

Contractor Chandler & Associates Address 1401 Denver Club Bldg  
Denver, CO 80202

Location SW 1/4 SW 1/4 Sec. 6 T. 8S R. 25E County Uintah

Water Sands

	<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
	<u>From</u>	<u>To</u>	<u>Flow Rate or Head</u>	<u>Fresh or Salty</u>
1.	None			
2.				
3.				
4.				
5.				

(Continue on reverse side if necessary)

Formation Tops

Remarks

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.



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

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

May 31, 1984

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

RE: Well No. Coyote Basin 14-6  
API #43-047-31409  
Well No. Coyote Basin 14-6X  
API #43-047-31435  
Sec. 6, T. 8S., R. 25E.  
Uintah County, Utah

Gentlemen:

Our office has received intention to abandon notices on the above wells. The notice on the Coyote Basin 14-6 indicated that it would be plugged and abandoned in order to rig skid it to the Coyote Basin 14-6X, however, this office has not received subsequent reports of abandonment on either of these wells.

Within thirty (30) days after the plugging of any well has been accomplished, the owner or operator thereof shall file a plugging report with the Division. The report shall give a detailed account of the manner in which the plugging work was carried out, including the nature and quantities of materials used in plugging, and the location and extent (by depths) of the plugs of different materials; records of any tests or measurements made and the amount, size and location (by depths) of casing left in the well; and statement of the volume of mud fluid used. If an attempt was made to part any casing, a complete report of the method used and results obtained must be included.

This letter is also to advise you that the "Well Completion or Recompletion Report and Log" for the 14-6X well is due and has not been filed with this office as required by our rules and regulations.

Enclosed are the necessary forms for your convenience in fulfilling these requirements. Please complete them and forward to this office as soon as possible.

May 31, 1984

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

Your prompt attention to the above will be greatly appreciated.

Respectfully,



Claudia Jones  
Well Records Specialist

CJ/cj

Enclosure

cc: Dianne R. Nielson, DOGM  
John R. Baza, DOGM  
File

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

7

SE

U 41377

13

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  
Cotton Petroleum Corporation

3. ADDRESS OF OPERATOR  
3773 Cherry Creek Dr. No., Denver, CO 80209

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 660' FSL 660' FWL Sec 6  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH: SWSW

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 NA

7. UNIT AGREEMENT NAME  
NA

8. FARM OR LEASE NAME  
Coyote Basin

9. WELL NO.  
14-6

10. FIELD OR WILDCAT NAME  
Coyote Basin

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 6 T8S R26E

12. COUNTY OR PARISH  
Uintah

13. STATE  
UT

14. API NO.  
43-047-31409

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
5567' GR

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

PULL OR ALTER CASING

MULTIPLE COMPLETE

CHANGE ZONES

ABANDON\*

(other) \_\_\_\_\_

SUBSEQUENT REPORT OF:

RECEIVED

(NOTE: Report results of multiple completion or zone change on Form 9-330.)  
AUG 28 1984

DIVISION OF OIL  
GAS & MINING

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 abandoned this well as follows:

TD - 2460', surface casing 8-5/8" set at 250', mud wt 8.8 ppg

1. A cement plug was set from 1990-1790' (60 sxs) across the top of the Green River fm.
2. A cement plug was set from 350'-150' (60 sxs) across the surface casing shoe.
3. A 25 sx cement plug was set at surface with a dry hole marker.
4. The drilling rig was skidded to 820' FWL, 690.1' FSL of Section 6, to redrill this well, which has been renamed the Coyote Basin 14-6X.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED [Signature] TITLE Division Prod. Mgr DATE January 4, 1984

(This space for Federal or State office use)

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

ACCEPTED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: \_\_\_\_\_  
BY: [Signature]