

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, CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)  
 At surface 1920' FSL and 2030' FEL, Section 11  
 At proposed prod. zone NWSE

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

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

16. NO. OF ACRES IN LEASE  
 1440

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.  
 NA

19. PROPOSED DEPTH  
 8300'

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 5606' GR

22. APPROX. DATE WORK WILL START\*  
 11-1-81

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'	150 sxs, circ to surface
11"	8-5/8"	24#	3000'	900 sxs
7-7/8"	4-1/2"	11.6#, 10.5#	8300'	2000 sxs in 2 stages

Drill 8300' Mesaverde test. Drill 17-1/2" surface hole to 200' with native water to clean hole, set 200' of 13-3/8" surface casing and cement to surface. WOC 12 hrs. Pressure test casing and BOP to 70% of casing yield, 1211 psig, before drilling out cement. Test BOP operation daily and record. Drill 11" intermediate hole to 3000', with native water to clean hole, set 3000' of intermediate casing and cement with 900 sacks of cement (calc on 2800' of fill). WOC 12 hrs. Drill out with 7-7/8" bit to 8300', using brine water from 1000' to 4500', and a polymer brine water from 4500' to 8300'. Mud wt will be 8.5 to 9.5 ppg. Evaluate well by sample analysis and electric logs. Run 4-1/2" casing if a commercial well is expected.

Cotton Petroleum Corporation is also requesting by this application, right-of-way to use the existing road shown on Attachment 2.

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 DE Wood/abd TITLE Division Production Mgr. DATE August 31, 1981

(This space for Federal or State office use)

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

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

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

DATE: 10/20/81  
 BY: AB Flight

RECEIVED  
 SEP 08 1981

DIVISION OF  
 OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.  
 U-43157

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 NA

7. UNIT AGREEMENT NAME  
 Kings Canyon Unit

8. FARM OR LEASE NAME  
 NA

9. WELL NO.  
 1-11

10. FIELD AND POOL, OR WILDCAT  
 Undesignated

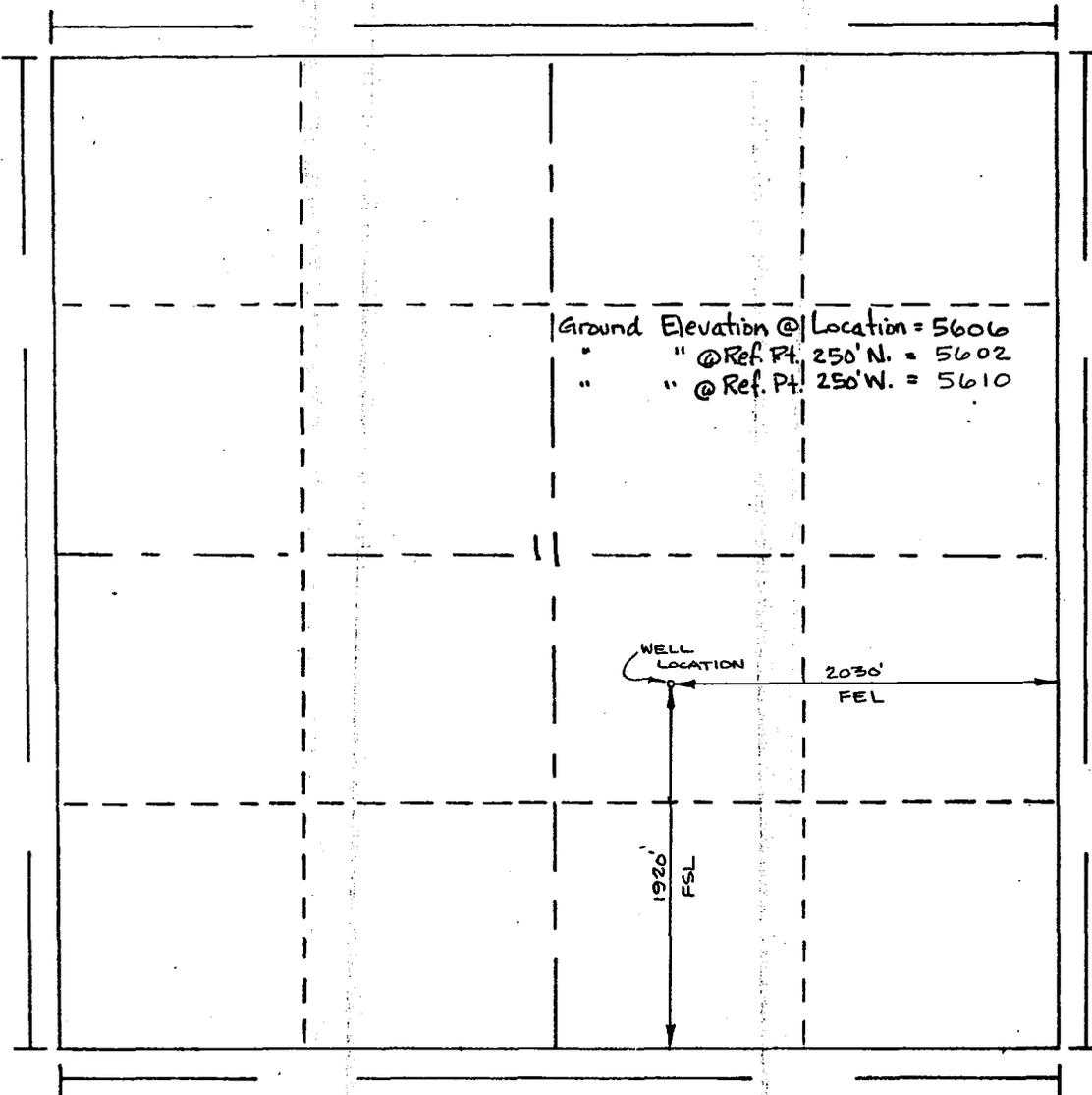
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Sec 11-T11S-R19E  
 NWSE

12. COUNTY OR PARISH  
 Duchesne

13. STATE  
 Utah



R. 19E



T. 11 S

Scale... 1" = 1000'

Powers Elevation of Denver, Colorado has in accordance with a request from GLEN GARVEY for COTTON PETROLEUM CORPORATION determined the location of 1-11 FEDERAL to be 1920' FSL & 2030' FEL of Section 11 Township 11 South Range 19 East of the SALT LAKE Meridian UTAH County, UTAH

I hereby certify that this plat is an accurate representation of a correct survey showing the location of

Date: July 28, 1981

*Edward A. Lewis*  
 Licensed Land Surveyor No. 5443  
 State of UTAH

will not appear next year

**\*\* FILE NOTATIONS \*\***

DATE: October 15, 1981  
OPERATOR: Cotton Petroleum Corporation  
WELL NO: Kings Cr. Unit #11  
Location: Sec. 11 T. 11 S R. 19 E County: D Uintah

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

API Number 43-~~047~~-~~30~~ 31108

CHECKED BY:

Petroleum Engineer: \_\_\_\_\_  
\_\_\_\_\_

Director: OK as per rule C-3

Administrative Aide: OK as per rule C-3,

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 Fed. Plotted on Map

Approval Letter Written

Hot Line  P.I.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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CEMENT SHOULD PROTECT OIL

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24. SIGNED DE Wood/MS TITLE Division Production Mgr. DATE August 31, 1981

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
 APPROVED BY WJ Martin FOR E. W. GUYNN  
 TITLE DISTRICT OIL & GAS SUPERVISOR DATE OCT 19 1981

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY  
 \*See Instructions On Reverse Side

FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A DATED 11/80

RECEIVED  
 OCT 20 1981

DIVISION OF  
 OIL, GAS & MINING

State O & G

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

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Cotton Petroleum Corporation

Project Type Oil & Gas Well

Project Location 1920' FSL & 2030' FEL - Sec. 11, T. 11S, R. 19E

Well No. 1-11 Lease No. U-43157

Date Project Submitted September 3, 1981

FIELD INSPECTION Date October 5, 1981

Field Inspection Participants Greg Darlington - USGS, Vernal

Lynn Hall - BIA, Ft. Duchesne

Joe Pinnecoose - Ute Tribe, Ft. Duchesne

Dusty Mecham - Cotton Petroleum

Jim Hacking - Skewes Construction

Lloyd Walker - Ned Mitchell Construction

George Weldon - Weldon Construction

Related Environmental Documents: \_\_\_\_\_

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

October 14, 1981  
Date Prepared

Gregory Darlington  
Environmental Scientist

I concur  
OCT 15 1981  
Date

W. W. Marton  
District Supervisor  
FOR E. W. GUYNN  
DISTRICT OIL & GAS SUPERVISOR

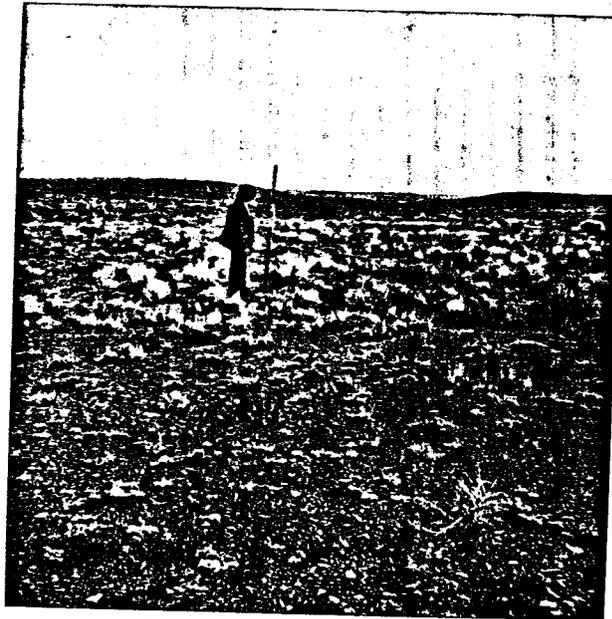
PROPOSED ACTIONS:

Cotton Petroleum Corporation plans to drill the King's Canyon Unit #1-11 well, an 8300' oil and gas test of various formations. Gas is the primary objective. About one mile of jeep trail and 1000' of new access road will be upgraded to reach the existing roads in the area. An area of operations 320' x 350' is planned for the location.

RECOMMENDED APPROVAL CONDITIONS:

The operator agrees to accept and adhere to the following conditions in addition to the plans outlined in the APD:

1. BIA Stipulations
2. Lease Stipulations
3. Provide adequate logs for the identification of other minerals as requested in the Mineral Evaluation Report and Mining Report.



North west View of  
Cotton 1-11, T11S, R19E

10/5

FIELD NOTES SHEET

Date of Field Inspection: October 5, 1981

Well No.: 1-11 King Canyon Trail

Lease No.: U-43157

Approve Location:

Approve Access Road:  cut + fill at stakes. OK but

Modify Location or Access Road: North arrow on layout diagram off by about 90°  
followed about 1 mile jeep trail and 1000 feet new access for access  
route.

Evaluation of Criteria for Categorical Exclusion

1. Public Health and Safety
2. Unique Characteristics
3. Environmentally Controversial Items
4. Uncertain and Unknown Risks
5. Establishes Precedents
6. Cumulatively Significant
7. National Register Historic Places
8. Endangered/Threatened Species
9. Violate Federal, State, Local, or Tribal Laws

If this project is not eligible for Categorical Exclusion circle the numbers of the above criteria requiring the preparation of an EA.

Comments and special conditions of approval discussed at onsite: (include local topography) Indian Surface, Federal Minerals, Adjoining BLM land has Indian grazing allotment. Possible erection of a stock pond and possible eventual drilling of a water well were also involved in our onsite discussions. North Arrow was off about 90° and some stakes were mislabeled in the corners. Cut and fill topography matches the 90° difference. Cuts and fills on indicated stakes are OK. Access road map shows only roads in Sections 14 and 11. 2.2 miles from Dursey

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 516 DM 2.3.A	<u>Federal/State Agency</u>			Local and private corre- spondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Corre- spondence (date)	Phone check (date)	Meeting (date)						
Public health and safety							1, 2, 4, 6	October 5 1981	
Unique charac- teristics							1, 2, 4, 6		
Environmentally controversial							1, 2, 4, 6		
Uncertain and unknown risks							1, 2, 4, 6		
Establishes precedents							1, 2, 4, 6		
Cumulatively significant							1, 2, 4, 6		
National Register historic places							1, 6		
Endangered/ threatened species							1, 6		
Violate Federal, State, local, tribal law							1, 2, 4, 6	✓	

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey  
(Conservation Division, Geological Division, Water Resource Division,  
Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement
8. *Onsite Requirements other than the Items 1-7.*

Utah and Utey Agency  
Environmental Analysis and Negative Declaration

1. Description of Proposal:

Cotton Petroleum Corp. proposes to drill an gas well Kings Canyon #11-1 to a proposed depth of 8300 feet; to construct approximately 1 miles of new access road; and upgrade approximately None miles of existing access road. The well site is located approximately 25 miles SE of Myton, Utah in the NWSE, Sec. 11, T11S, R19E, SIM. 1920 ft. FSL and 2030 ft. FEL

2. Description of the Environment:

The area is used for livestock grazing, wildlife habitat, hunting and scenic qualities. The topography is rolling benchland. The vegetation consists of galleta grass, shadscale, horsebrush, salt bush, sagebrush, aster, snake-weed, greasewood, prickly pear.

The area is used as wildlife habitat for X deer, X antelope, \_\_\_ elk, \_\_\_ bear, X small animals, \_\_\_ pheasant, X dove, X sage grouse, \_\_\_ ruffle grouse, \_\_\_ blue grouse, \_\_\_ bald eagle, golden eagle, other rabbits, coyotes, reptiles, various rodents. The climate is characterized by having cold snowy winters and warm dry summers. Temperatures range from -40°F during the winter to 105°F in the summer. The approximate annual precipitation is 6-8 inches. The elevation is 5606 feet.

3. Environmental Impacts:

During construction of the well dust and exhaust emissions will affect air quality. Soil and vegetation will be removed from 6 acres of land occupied by the well site and access road. The disturbance of the soil and removal of vegetation will:

A. Destroy wildlife habitat for: X deer, X antelope, \_\_\_ elk, \_\_\_ bear, X small animals, \_\_\_ pheasant, \_\_\_ dove, \_\_\_ sage grouse, \_\_\_ ruffle grouse, \_\_\_ blue grouse, X rabbit, \_\_\_ golden eagle, \_\_\_ bald eagle, other reptiles, various rodents.

B. Remove from production: X rangeland for livestock grazing, \_\_\_ irrigated cropland, \_\_\_ irrigated pastureland, \_\_\_ prime timberland, \_\_\_ pinion-juniper land.

C. Result in the invasion of annual weeds and will cause accelerated soil erosion: During the construction and production of the well human activity in the area will increase significantly. This is expected to significantly increase: X poaching of wildlife, X disturbance of wildlife, X vandalism of property, \_\_\_ theft of firewood, X litter accumulations, X livestock disturbance, X livestock thefts, X livestock loss to accidents, X increase the hazard to public health and safety. There is a high, X moderate, \_\_\_ slight possibility that pollution from this activity will enter a stream or lake.

Production facilities can easily be seen from a: community, \_\_\_ major highway, \_\_\_ public facility.

4. Mitigating measures:

To lessen the impact on the environment the provisions stipulated in the letter to Mr. Ed M. Gaym, District Engineer, U.S. Geological Survey, dated February 13, 1980 will be implemented. Additional stipulations and changes to the 11 point surface use plan are: (1) Obtain right-of-ways and permits from the BIA and Ute Tribe. (2) Comply with USGS, BIA and Ute Tribal Regulations. (3) The operator must assume a continuing responsibility to prevent and correct adverse effects resulting from this activity. (4) Follow 13 point Surface Use and Operating Plan with additions and modifications made at the on-site inspection and recorded in USGS EA# 608-81.

5. Unavoidable adverse effect:

None of the adverse effects listed in item #3 above can be avoided in a practical manner except those which were mitigated in item #4 above.

6. Relationship between short term and longterm productivity:

As long as oil or gas wells are producing and the access roads are retained there will be a total loss of production on the land and the Environmental impacts will continue to affect the surrounding area. Normally oil and gas wells produce from 15 to 30 years. After the wells stop producing it is standard policy to restore the surface to near its original condition. Occasionally the site occupied by the well or road can be restored to produce as much as it originally produced, but most of the time it can not be restored to its original productive capacity. Therefore, the land surface productive ability will be permanently damaged.

7. Irreversible and Irretrievable commitment of Natural Resources:

There are two irreversible and irretrievable resources commit in this action.

A. Oil or Gas: Oil and gas is a non-renewable resource. Once it has been removed it can never be replaced.

B. Damage to the land surface: There are three causes of damage to the soil surface due to oil or gas wells and road construction. (1) Gravel is normally hauled onto the site as a pad foundation for equipment and traffic to operate on. Gravel has low fertility and low waterholding capacity. Therefore, after the site is restored the gravel must either be removed, or incorporated into the natural landscape. (2) Chemicals are often either accidentally spilled or intentionally applied to the site for weed and dust control. Generally the chemicals are crude oil or production water, which may contain as much as 20,000 PPM of salts. Once chemicals become incorporated in the soil they are difficult to remove and interfere with the soils ability to produce vegetation. (3) Soil compaction occurs where the site is subject to stormy wet weather and traffic from heavy trucks and equipment. Each of the above items cause soil damage and after the site is restored the productive ability of the soil will be damaged permanently.

8. Alternatives:

A. No. program - This alternative refuses the authorization of the application for permit to drill. This action would not allow the operator to enter upon the land surface to drill for oil or gas. Because the minerals usually cannot be developed without encroachment on the surface, the mineral estate is normally and traditionally designated as dominant, and the surface ownership subservient. The mineral operator's conduct is generally prescribed only by the rule of reasonableness and the limitations that he is not permitted to act in a wanton or negligent manner. Within their confines, the operator has considerable latitude in the necessary use of the surface to produce and develop the mineral estate. Therefore if the application for permit is not signed, the operator would undoubtedly initiate court proceedings against the surface owner, in this case the Ute Tribe and the Bureau of Indian Affairs. Historically the courts have upheld the right of the mineral owner to develop the mineral resource regardless of the surface owners desire, therefore the operators rights will likely be upheld if B.I.A. refuses to sign the application for permit to drill this well.

B. Sign the application for permit to drill. This alternative authorizes the operator to drill for oil or gas as prescribed in the application, providing he complies with stipulations which are considered reasonable as specified in paragraph 4 above under mitigating measures.

9. Consultations:

Gregg Darlington - USGS - Vernal, Utah

Dusty Meham - Cotton Petroleum Corp.

Jim Hacking - Skewes & Hamilton Construction Co.

Lloyd Walker - Ned Mitchel Construction Co.

George Weldon - George Weldon Construction Co.

Joe Pinnecoose - Ute Tribe

R. Lynn Hall 10-9-81  
B.I.A. Representative

10. We (concur with or, recommend) approval of the Application for Permit to Drill the subject well.

Based on available information 10/5/81, we have cleared the proposed location in the following areas of environmental impact:

Yes  No  Listed threatened or endangered species

Yes  No  Critical wildlife habitat

Yes  No  Historical or cultural resources

Yes  No  Air quality aspects (to be used only if project is in or adjacent to a Class I area of attainment)

Yes  No  Other (if necessary)

Remarks: \_\_\_\_\_  
\_\_\_\_\_

The necessary surface protection and rehabilitation requirements are specified above.

L. Lynn Hall 10-9-81  
B.I.A. Representative

11. Declaration:

It has been determined that the drilling of the above well is not a Federal action significantly affecting the quality of the environment as would require the preparation of an environmental statement in accordance with Section 102 (2) (c) of the National Environmental Policy Act of 1969 (42 USC 4331) (2) (c).

L. W. Collier  
Superintendent

October 20, 1981

Cotton Petroleum Corp.  
717 17th Street, STE. #2200  
Denver, Colo. 80202

RE: Well No. Kings Canyon Unit #1-11,  
Sec. 11, T. 11S, R. 19E,  
Uintah County, Utah

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

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

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

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

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

The API number assigned to this well is 43-047-31108.

Sincerely

DIVISION OF OIL, GAS AND MINING

Cleon B. Feight  
Director

CBF/db  
CC: UGGS

NOTICE OF SPUD

Company: Cotton Petroleum

Caller: Don Meacham

Phone: 789-4728

Well Number: Kings Canyon Unit 1-11

Location: Section 11, T11S, R19E

County: Uintah State: Utah

Lease Number: U-43157

Lease Expiration Date: \_\_\_\_\_

Unit Name (If Applicable): Kings Canyon

Date & Time Spudded: December 19, 1981 @ 5:30 a.m.

Dry Hole Spudder/Rotary: Rotary

Details of Spud (Hole, Casing, Cement, etc.) 11" hole, 8 5/8 casing,  
225 sacks cement

Rotary Rig Name & Number: Landmark 142

Approximate Date Rotary Moves In: December 15, 1981

FOLLOW WITH SUNDRY NOTICE

Call Received By: Al Johansson

Date: December 22, 1981

cc:  State O&G  
USGS Vernal  
MER  
Dee  
file

NOTICE OF SPUD

*Cotton Petroleum*

Caller: Dusty Meckam

Phone: \_\_\_\_\_

Well Number: 1-11

Location: NWSE 11-11S-19E

County: Uintah State: Utah

Lease Number: U-43157

Lease Expiration Date: \_\_\_\_\_

Unit Name (If Applicable): \_\_\_\_\_

Date & Time Spudded: 10-28-81 9:30 A.M.

Dry Hole Spudder/Rotary: Air

Details of Spud (Hole, Casing, Cement, etc.) 17 1/2" hole

Rotary Rig Name & Number: Ram Drlg Rig #1

Approximate Date Rotary Moves In: \_\_\_\_\_

FOLLOW WITH SUNDRY NOTICE

Call Received By: KR

Date: 11-3-81

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. oil well  gas well  other

2. NAME OF OPERATOR  
Cotton Petroleum Corporation

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
1920' FSL & 2030' FEL  
AT SURFACE:  
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) <input type="checkbox"/>	<input type="checkbox"/>

5. LEASE  
U-43157

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
NA

7. UNIT AGREEMENT NAME  
Kings Canyon Unit

8. FARM OR LEASE NAME  
NA

9. WELL NO.  
1-11

10. FIELD OR WILDCAT NAME  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 11-T11S-R19E

12. COUNTY OR PARISH  
Utah

13. STATE  
Utah

14. API NO.  
43-047-31108

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
5606' GR

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

This well was drilled to a TD of 8300' on 1-27-82. A suite of logs consisting of a GR-DLL, GR-CNL-FDC, GR-Sonic was run for 8300' to 3000'. The log evaluation and sample analysis showed that there are not any potential hydrocarbon-bearing formation below 6300'. Cotton contacted Mr. Martins at 6:45 P.M. on 1-26-82 to receive approval to plug back to 6300'. A cement plug consisting of 100 sxs is set at 7350' - 7550' across the top of the Mesaverde which is at 7350'. A second plug is set at 6300' - 6500' consisting of 100 sxs, to be used as the casing seat. 6300' of 4-1/2, 11.6#, N80 casing will be run and cemented with cement covering the interval from 6300' - 3000'. 8-5/8" intermediate casing is set at 3000'.

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

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

SIGNED [Signature] TITLE Div. Prod. Mgr. DATE 1-27-82

(This space for Federal or State office use)

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
(FORM 9-329)  
(2/76)  
OMB 42-RO 356

MONTHLY REPORT  
OF  
OPERATIONS

Lease No. U-43157  
Communitization Agreement No. NA  
Field Name Wildcat  
Unit Name Kings Canyon Unit  
Participating Area NA  
County Uintah State Utah  
Operator Cotton Petroleum Corporation  
 Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of January, 19 82

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
1-11	NW/SE Sec. 11	11S	19E	Drilling from 3000' to 8300' TD. Run logs. Set cmt plugs from 7350'-7550'; 6500'-6800'. Ran 4-1/2" N-80 csg, set @ 6294.53', cmt w/1915 sxs 50/50 Poz. Released rig.					

\*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	_____	_____	_____
*Sold	_____	_____	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	_____	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	_____	_____	XXXXXXXXXXXXXXXXXXXX
*Injected	_____	_____	_____
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	_____
*Other (Identify)	_____	_____	_____
*On hand, End of Month	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	_____	_____	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: [Signature] Address: 717 17th St., Suite 2200, Denver, Co  
Title: Division Production Manager Page 1 of 1 80202

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
(FORM 9-329)  
(2/76)  
OMB 42-RO 356

MONTHLY REPORT  
OF  
OPERATIONS

Lease No. U-43157  
Communitization Agreement No. NA  
Field Name Wildcat  
Unit Name Kings Canyon Unit  
Participating Area NA  
County Uintah State Utah  
Operator Cotton Petroleum Corporation  
 Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of February, 19 82

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
1-11	NW/SE Sec. 11	11S	19E	MIRUCR. Run tbg to 5796', set pkr @ 5796', perf'd 6024'-6038' w/1 JSPF. Acidized w/20,000 SCF N <sub>2</sub> Pad, 3000 gal acid. Well flg to pit.					

\*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	_____	_____	_____
*Sold	_____	_____	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	_____	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	_____	_____	XXXXXXXXXXXXXXXXXXXX
*Injected	_____	_____	_____
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	_____
*Other (Identify)	_____	_____	_____
*On hand, End of Month	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	_____	_____	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: [Signature] Address: 717 17th St., Suite 2200, Denver, Co  
Title: Division Production Manager Page 1 of 1 80202

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

(FORM 9-329)  
(2/76)  
OMB 42-RO 356

MONTHLY REPORT  
OF  
OPERATIONS

Lease No. U-43157  
Communitization Agreement No. NA  
Field Name Wildcat  
Unit Name Kings Canyon Unit  
Participating Area NA  
County Uintah State Utah  
Operator Cotton Petroleum Corporation  
 Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of March, 19 82

(See Reverse of Form for Instructions)

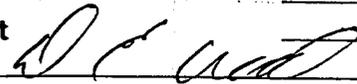
This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & ¼ of ¼	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
1-11	NW/SE Sec. 11	11S	19E	SI for	BHP test.	WOPL Connection.			

\*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	_____	_____	_____
*Sold	_____	_____	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	_____	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	_____	_____	XXXXXXXXXXXXXXXXXXXX
*Injected	_____	_____	_____
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	_____
*Other (Identify)	_____	_____	_____
*On hand, End of Month	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	_____	_____	XXXXXXXXXXXXXXXXXXXX

Authorized Signature:  Address: 717 17th St., Suite 2200, Denver, Co  
Title: Division Production Manager Page 1 of 1 80202

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
(FORM 9-329)  
(2/76)  
OMB 42-RO 356

MONTHLY REPORT  
OF  
OPERATIONS

Lease No. U-43157  
Communitization Agreement No. NA  
Field Name Wildcat  
Unit Name Kings Canyon Unit  
Participating Area NA  
County Uintah State Utah  
Operator Cotton Petroleum Corporation  
 Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of April, 19 82

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
1-11	NW/SE Sec. 11	11S	19E	WO PL	Connection.				

\*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	_____	_____	_____
*Sold	_____	_____	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	_____	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	_____	_____	XXXXXXXXXXXXXXXXXXXX
*Injected	_____	_____	_____
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	_____
*Other (Identify)	_____	_____	_____
*On hand, End of Month	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	_____	_____	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: *[Signature]* Address: 717 17th St., Suite 2200, Denver, Co  
Title: Division Production Manager Page 1 of 1 80202

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

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

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

10

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG \***

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

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

2. NAME OF OPERATOR  
Cotton Petroleum Corporation

3. ADDRESS OF OPERATOR  
717 17th St., Suite 2200, Denver, Co 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 1920' FSL & 2030' FEL Section 11  
At top prod. interval reported below  
At total depth

NWSE

14. PERMIT NO. 73-047-3108 DATE ISSUED 10-19-82

5. LEASE DESIGNATION AND SERIAL NO.  
U-43157

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
NA

7. UNIT AGREEMENT NAME  
Kings Canyon Unit

8. FARM OR LEASE NAME  
NA

9. WELL NO.  
1-11

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
Section 11-T11S-R19E  
NWSE

12. COUNTY OR PARISH  
Uintah

13. STATE  
Utah

15. DATE SPUDDED 10-30-81 16. DATE T.D. REACHED 1-26-82 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, R&B, RT, GR, ETC.)\* 5622' KB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 8300' 21. PLUG, BACK T.D., MD & TVD 6239.17' 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY → 0-TD ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 6024' - 6038' Mesaverde 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN GR-DLL, GR-CNI, FDS, GR Sonic 27. WAS WELL CORED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48#	203'	17-1/2"	225 sxs Class A cmt, circ	to surf
8-5/8"	24#	2971.16'	11"	450 sxs Light cmt & 150 sxs Class G cmt	
4-1/2"	11.6#	6294.53'	7-7/8"	1915 sxs 50/50 Poz	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	5796'	5796'

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

PERFORATION RECORD	ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
6024', 25', 26', 28', 30', 31', 32', 33', 34', 35', 36', 38', w/1 JSPF	DEPTH INTERVAL (MD) 6024'-6038' AMOUNT AND KIND OF MATERIAL USED 20,000 SCF N2 Pad, 3000 gal acid

33.\* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
	SIWOPL flowing	SI					
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2-28-82	24	20/64"	→	0	255	trace	
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API. (CORR.)	
75		→	0	255	trace		

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

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
SIGNED Dewood/AGM TITLE Division Production Manager DATE 4-13-82

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

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

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

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

**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.
	MEAS. DEPTH	TRUE VERT. DEPTH		
Wasatch	5666'		5674'	Gas
Wasatch	6023'		6040'	Gas
Wasatch	6968'		6972'	Gas

**38.**

**GEOLOGIC MARKERS**

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Uintah	Surface	
Wasatch	4202'	
Mesaverde	7350'	

FILE IN TRIPLICATE  
FORM OGC-8-X

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

\*\*REPORT OF WATER ENCOUNTERED DURING DRILLING\*\*

Well Name & Number Kings Canyon Unit 1-11

Operator Cotton Petroleum Corporation Address 717 17th St., Suite 2200, Denver, CO  
80202

Contractor Landmark Drilling Corporation Address 4764 S. 900 E., Salt Lake City, Utah  
84117

Location NW ¼ SE ¼ Sec. 11 T. 11S R. 19E County Uintah

Water Sands

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
From	To	Flow Rate or Head	Fresh or Salty
1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____
4.	_____	_____	_____
5.	_____	_____	_____

(Continue on reverse side if necessary)

Formation Tops

Wasatch 4202' Mesaverde 7350'

Remarks

Loss circ at 1789', no water flows

- 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.



May 5, 1982

State of Utah  
Natural Resources & Energy  
4241 State Office Building  
Salt Lake City, UT 84114

Dear Ms. Furse,

As explained to you in my letter of April 14, 1982, enclosed you will find the final copies of logs run on the following wells:

LOVE UNIT #B2-3 Uintah County, UT Sec. 3-T11S-R21E

Simultaneous Dual Laterlog  
Simultaneous Compensated Neutron Formation Density

LOVE UNIT #4-1 Uintah County, UT Sec. 4-T11S-R21E

Simultaneous Dual Laterlog  
Simultaneous Compensated Neutron Formation Density

SHEEPWASH #1-28 Duchesne County, UT Sec. 28-T10S-R16E

Dual Induction-SFL w/linear correlation log  
Simultaneous Compensated Neutron Formation Density  
Simultaneous Dual Laterlog

KINGS CANYON #1-11 Uintah County, UT Sec. 11-T11S-R19E

Computer Processed Log  
Simultaneous Compensated Neutron Formation Density  
Dual Induction-SFL w/linear correlation log  
Simultaneous Dual Laterlog  
Borehole Compensated Sonic Log

PETES WASH #1-22 Uintah County, UT Sec. 22-T10S-R17E

Simultaneous Compensated Neutron Formation Density  
Simultaneous Dual Laterlog

If you have any questions, or require any mud logs, do not hesitate to contact me.

Sincerely,

COTTON PETROLEUM CORPORATION

*Marianne Dobler*  
Marianne Dobler  
Exploration Secretary

Encl.

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

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

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

**10**

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG \***

**1a. TYPE OF WELL:** OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

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

**2. NAME OF OPERATOR**  
Cotton Petroleum Corporation

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

**4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\***  
At surface 1920' FSL & 2030' FEL Section 11  
At top prod. interval reported below  
At total depth

**5. LEASE DESIGNATION AND SERIAL NO.**

U-43157

**6. IF INDIAN, ALLOTTEE OR TRIBE NAME**  
NA

**7. UNIT AGREEMENT NAME**  
Kings Canyon Unit

**8. FARM OR LEASE NAME**  
NA

**9. WELL NO.**  
1-11

**10. FIELD AND POOL, OR WILDCAT**  
Wildcat

**11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA**  
Section 11-T11S-R19E, NWSE

**12. COUNTY OR PARISH** **13. STATE**  
Utah Utah

**14. PERMIT NO.** **DATE ISSUED**  
10-19-8

**15. DATE SPUDDED** **16. DATE T.D. REACHED** **17. DATE COMPL. (Ready to prod.)** **18. ELEVATIONS (DF, REB, RT, GR, ETC.)\*** **19. ELEV. CASINGHEAD**  
10-30-81 1-26-82 8-5-82 5622' KB

**20. TOTAL DEPTH, MD & TVD** **21. PLUG, BACK T.D., MD & TVD** **22. IF MULTIPLE COMPL., HOW MANY\*** **23. INTERVALS DRILLED BY** **ROTARY TOOLS** **CABLE TOOLS**  
8300' 6239.17' → 0-TD

**24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*** **25. WAS DIRECTIONAL SURVEY MADE**  
6024'-6038' Wasatch 5482'-5573' Wasatch NO

**26. TYPE ELECTRIC AND OTHER LOGS RUN** **27. WAS WELL CORED**  
GR-DLL, GR-CNL-FDC, GR Sonic NO

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48#	203'	17-1/2"	225 sxs Class A cmt, circ to surf	
8-5/8"	24#	2971.16'	11"	405 sxs Lite cmt & 150 sxs Class G cmt	
4-1/2"	11.6#	6294.53'	7-7/8"	1915 sxs 50/50 poz	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	5796'	5796'

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	SIZE	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6024', 25', 26', 28', 30', 31', 32', 33', 34', 35', 36', 38' w/1 JSPF		6024-6038'	ac w/20,000 SCF N <sub>2</sub> pad, 3000 gal ac, frac w/30,000 gal 70 Q foam, 75,000# 20/40 sd
5482', 85', 88', 91', 94', 5568', 70', 73', w/1 JSPF		5482-5573'	ac w/15,000 gal 7.5% HCL, frac w/50,000 gal 70 Q foam, 123,000# 20/40 sd.

**33.\* PRODUCTION**  
**DATE FIRST PRODUCTION** 8-5-82 **PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)** Flowing **WELL STATUS (Producing or shut-in)** producing

**DATE OF TEST** 8-17-82 **HOURS TESTED** 24 **CHOKE SIZE** 16 **PROD'N. FOR TEST PERIOD** → **OIL—BBL.** 2 BC **GAS—MCF.** 1819 **WATER—BBL.** 0 **GAS-OIL RATIO** 909000

**FLOW. TUBING PRESS.** 1375 **CASING PRESSURE** - **CALCULATED 24-HOUR RATE** → **OIL—BBL.** 2 BC **GAS—MCF.** 1819 **WATER—BBL.** 0 **OIL GRAVITY-API (CORR.)**

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

**35. LIST OF ATTACHMENTS**

**36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records**  
SIGNED [Signature] TITLE Division Production Mgr. DATE August 19, 1982

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

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

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

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

**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	5666'	5674'	GAS
WASATCH	6023'	6040'	GAS
WASATCH	6968'	6972'	GAS

**38.**

**GEOLOGIC MARKERS**

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
UINTAH	Surface	
WASATCH	4202'	
MESAVERDE	7350'	

**Cotton Petroleum Corporation**

A United Energy Resources, Inc. Company

717 17th Street/Energy Center One/Suite 2200/Denver, Colorado 80202



*TIGHT HOLE*

August 31, 1982

Division of Oil, Gas and Mining  
4241 State Office Bldg.  
Salt Lake City, Utah 84114

Re: Kings Canyon Unit 1-11  
Uintah County, Utah

Dear Sir:

Per the telephone conversation between Teri Greenhalgh and Sandy Bates, the above referenced well will be held in confidence, starting August 31, 1982, for a period of seven (7) months.

Sincerely,

D.E. Wood  
Division Production Manager

COTTON PETROLEUM CORPORATION

**RECEIVED**

SEP 02 1982

**DIVISION OF  
OIL, GAS & MINING**

TG/v1

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. oil well  gas well  other

2. NAME OF OPERATOR  
Cotton Petroleum Corporation

3. ADDRESS OF OPERATOR 750 Ptarmigan Pl. 80209  
3773 Cherry Creek Drive North, Denver, Co

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
1920' FSL & 2030' FEL  
AT SURFACE:  
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)			

5. LEASE  
U-43157

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
NA

7. UNIT AGREEMENT NAME  
Kings Canyon Unit

8. FARM OR LEASE NAME  
NA

9. WELL NO.  
1-11

10. FIELD OR WILDCAT NAME  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 11-T11S-R19E NWSE

12. COUNTY OR PARISH  
Utah

13. STATE  
Utah

14. API NO.  
43-047-31108

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
5622' KB

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Attached is a diagram of the well pad layout showing the locations of flowlines and production equipment.

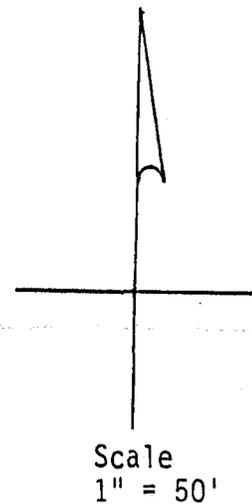
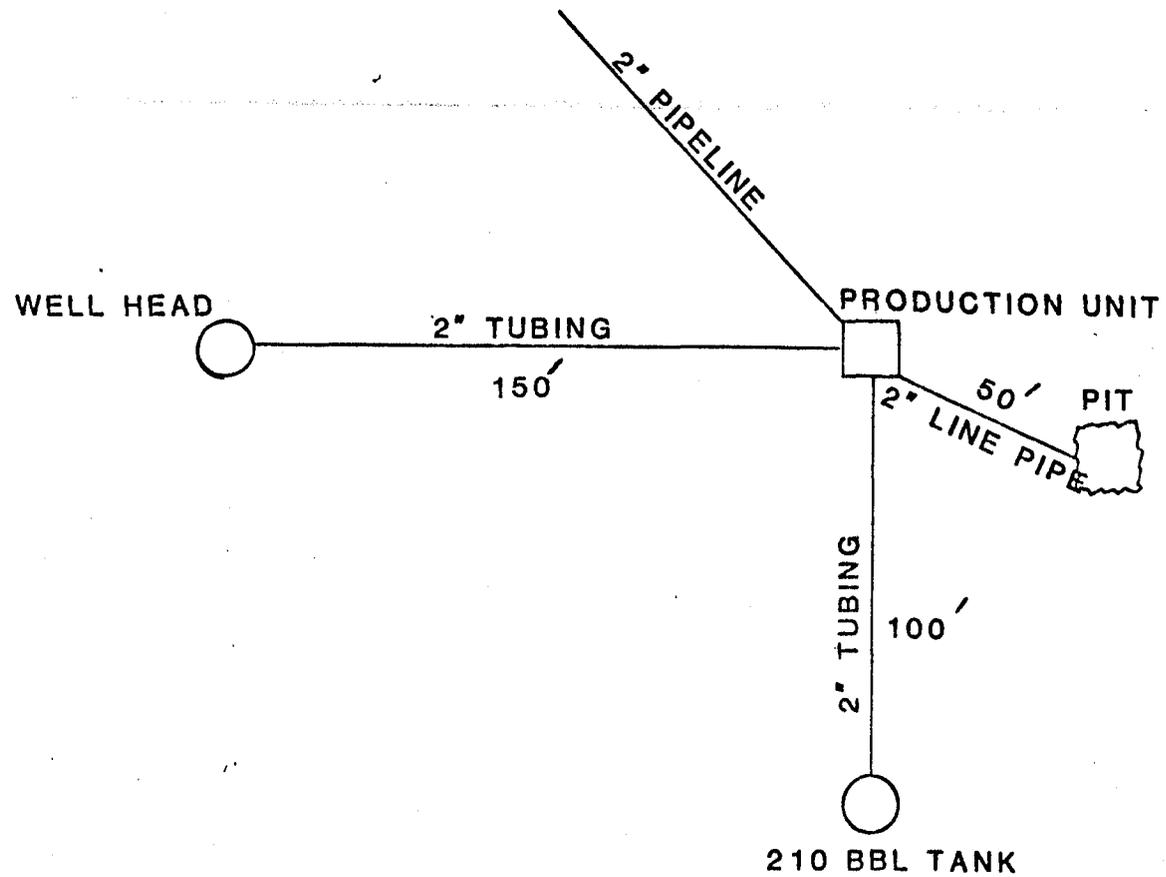
Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED DE Wood / [Signature] TITLE Div. Prod. Mgr. DATE 10-15-82

(This space for Federal or State office use)

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



KINGS CANYON UNIT 1-11  
 1920' FSL & 2030' FEL  
 Section 11-T11S-R19E  
 Uintah County, Utah

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
(FORM 9-329)  
(2/76)  
OMB 42-RO 356

MONTHLY REPORT  
OF  
OPERATIONS

Lease No. U-43157  
Communitization Agreement No. NA  
Field Name Wildcat  
Unit Name Kings Canyon Unit  
Participating Area NA  
County Uintah State Utah  
Operator Cotton Petroleum Corporation  
 Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of October, 1982

(See Reverse of Form for Instructions)

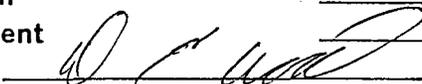
This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & ¼ of ¼	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
1-11	NW/SE Sec. 11	11S	19E	Spudded well, ran 13-3/8" H-40, 48# cemented w/225 sxs cement.			" H-40, 48# csg to 203', and WO drilling rig.		

\*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	_____	_____	_____
*Sold	_____	_____	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	_____	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	_____	_____	XXXXXXXXXXXXXXXXXXXX
*Injected	_____	_____	_____
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	_____
*Other (Identify)	_____	_____	_____
*On hand, End of Month	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	_____	_____	XXXXXXXXXXXXXXXXXXXX

Authorized Signature:  Address: 717 17th St., Suite 2200, Denver, Co  
Title: Division Production Manager Page 1 of 1 80202

UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 GEOLOGICAL SURVEY  
 (FORM 9-329)  
 (2/76)  
 OMB 42-RO 356

MONTHLY REPORT  
 OF  
 OPERATIONS

Lease No. U-43157  
 Communitization Agreement No. NA  
 Field Name Wildcat  
 Unit Name Kings Canyon Unit  
 Participating Area NA  
 County Uintah State Utah  
 Operator Cotton Petroleum Corporation  
 Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of November, 1982

(See Reverse of Form for Instructions)

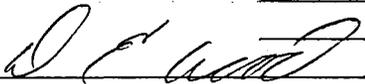
This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & ¼ of ¼	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
1-11	NW/SE Sec. 11	11S	19E	WO drlg rig.					

\*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	_____	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	_____	_____	_____
*Sold	_____	_____	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	_____	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	_____	XXXXXXXXXXXXXXXXXX
*Used on Lease	_____	_____	XXXXXXXXXXXXXXXXXX
*Injected	_____	_____	_____
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	_____
*Other (Identify)	_____	_____	_____
*On hand, End of Month	_____	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	_____	_____	XXXXXXXXXXXXXXXXXX

Authorized Signature:  Address: 717 17th St., Suite 2200, Denver, Co  
 Title: Division Production Manager Page 1 of 1 80202

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
(FORM 9-329)  
(2/76)  
OMB 42-RO 356

MONTHLY REPORT  
OF  
OPERATIONS

Lease No. U-43157  
Communitization Agreement No. NA  
Field Name Wildcat  
Unit Name Kings Canyon Unit  
Participating Area NA  
County Uintah State Utah  
Operator Cotton Petroleum Corporation  
 Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of December, 19 82

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
1-11	NW/SE Sec. 11	11S	19E	MIRU. set @	Drilling. Run logs. 2917.16'	Run logs. cmt w/600 sxs cmt.	Run 8-5/8" k-55 csg,		

\*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	_____	_____	_____
*Sold	_____	_____	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	_____	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	_____	_____	XXXXXXXXXXXXXXXXXXXX
*Injected	_____	_____	_____
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	_____
*Other (Identify)	_____	_____	_____
*On hand, End of Month	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	_____	_____	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: *[Signature]* Address: 717 17th St., Suite 2200, Denver, Co  
Title: Division Production Manager Page 1 of 1 80202

022309

**Apache**  
CORPORATION

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

303/831-6500

February 13, 1987

RECEIVED  
FEB 19 1987

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

DIVISION OF  
OIL, GAS & MINING

Attention: Roland G. Robison,  
State Director

Re: Sundry Notice - Change of Operator  
U-43157  
#1-11 Kings Canyon Unit  
Uintah County,, Utah

Gentlemen:

Enclosed in triplicate, please find a Sundry Notice indicating a Change of Operator from Cotton Petroleum Corporation to Apache Corporation, effective November 1, 1986.

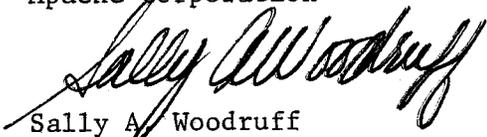
By copy of this letter, this Sundry Notice is also furnished to the State of Utah Division of Oil, Gas & Mining.

Upon approval, please advise the undersigned, furnishing a copy of the approved form.

Thank you for your consideration.

Yours very truly,

Apache Corporation

  
Sally A. Woodruff  
Contract Landman

Enclosure

cc: State of Utah, Division of Oil, ✓  
Gas & Mining (w/enclosure)  
Attn: Dianne R. Nielson, Director

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. oil well  gas well  other

2. NAME OF OPERATOR  
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: 1920' FSL & 2030' FEL  
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) Change of Operator	<input type="checkbox"/>		<input type="checkbox"/>

5. LEASE	U-43157
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME	
8. FARM OR LEASE NAME	Kings Canyon Unit
9. WELL NO.	1-11
10. FIELD OR WILDCAT NAME	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	Sec. 11, T11S, R19E
12. COUNTY OR PARISH	13. STATE
Uintah	Utah
14. API NO.	43.047.31108
15. ELEVATIONS (SHOW DF, KDB, AND WD)	

(NOTE: Report results of multiple completion or some 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.

RECEIVED  
FEB 19 1987

DIVISION OF  
OIL, GAS & MINING

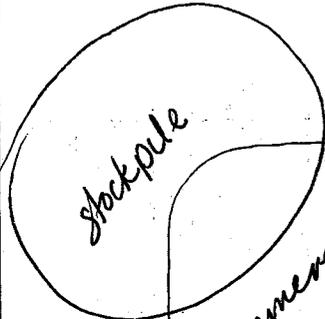
Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED Charles E. Mertz TITLE Land Manager DATE February 11, 1987

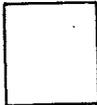
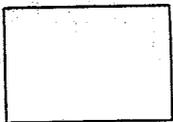
(This space for Federal or State office use)

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

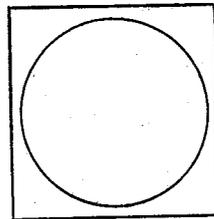


stockpile

emergency pits



dehydrator



tank w/ fire wall

well head

access road

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

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

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

**RECEIVED**  
APR 26 1990

**SUNDRY NOTICES AND REPORTS**  
(Do not use this form for proposals to drill or to deepen or to re-  
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-43157
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
1. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1920' FSL, 2030' FEL (NWSE)		8. FARM OR LEASE NAME KINGS CANYON
14. PERMIT NO. 43-047-31108		9. WELL NO. 1-11
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5622' KB		10. FIELD AND POOL, OR WILDCAT Natural Buttes
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 11-11S-19E
		12. COUNTY OR PARISH Uintah
		13. STATE Utah

**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) <u>Recomplete</u>	<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.)\*

Apache Corporation requests permission to test the above captioned well in additional Wasatch pays.

Apache proposes to test per the attached procedure.

OIL AND GAS	
DRN	RJF
1. JRB ✓	GLH
DTS	SLS
D-TAS ✓ 3-LCR ✓	
4	3. MICROFILM ✓
5	FILE

18. I hereby certify that the foregoing is true and correct  
 SIGNED David M. Talbott TITLE Operations Engineer DATE 4/24/90  
 David M. Talbott

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

**Federal approval of this action is required before commencing operations.**

\*See Instructions on Reverse Side

**ACCEPTED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING**  
 DATE: 5-14-90  
 BY: John R. Bays

Schedule Name : KINGS CANYON RECOMPLETION  
 Responsible : DT  
 As-of Date : 24-Apr-90 7:00am Schedule File : D:\TL3\DATA\KCRECOMP

Task Name	Notes
MIRU SU	
KILL WELL W/WTR IF NECESSARY	Zones have been produced for long time sho
NDWH, NU BOP	
PU ADDITIONAL TBG, TAG BTM	
SOOH W/ TBG	Tbg is open ended and unanchored according
+ CLEAN OUT TO PBDT IF REQUIRED	
TEST ZONE AT 6200'	Test zone for gas or water production. If
PU RTTS PKR, SN, TIH TO 6080'	WITH OUT SN, OR RFC VALVE
PRESS TEST TO 5000 PSI DN TBG	
SWAB TBG DOWN TO 5000'	
RU WIRELINE COMPANY	
PERF 6190-6208 2 JSPF CNL-FDC	Shoot thru tbg gun under balanced
RD WIRELINE COMPANY	
SWAB TEST FOR WATER ENTRY	Swab min. of 4 hrs
IF NO WTR ACIDIZE DN TBG	Acidize w/ 1000 gal 7.5% HCL w/ Balls
SWAB BACK LOAD & TEST	SWAB BACK MIN OF 12 HRS
KILL WELL W/ 2% KCL	
TOOH W/ RTTS PKR & TBG	
+ CMT SQ EXSISTING PERFS	
PU BP RETREIVING HEAD, TIH	
ROLL HOLE W/ 2%KCL	
LATCH BP	
TOOH W/ BP	
+ FRAC ZONE @ 6200'	
TEST ZONE @ 5,926-5,938	
PU TBG SET TBG RETRIEVABLE BP	
TIH SET BP @ 5990'	
PRESSURE TEST BP TO 5000 PSI	If timing is such that 1 sx sand can be tr

Schedule Name : KINGS CANYON RECOMPLETION  
 Responsible : DT  
 As-of Date : 24-Apr-90 7:00am Schedule File : D:\TL3\DATA\KCRECOMP

Task Name	Notes
TOOH W/ RETRIEVING HEAD & TBG RU WIRELINE COMPANY DUMP BAIL 1 SX SD PERF 5926-5938 W/2JSPF CSG GUN RD WIRELINE COMPANY	If not already done
PU PIP PACKER, TIH TO PERFS ACIDIZE PERFS PER RECOM.	Set in blank pipe above perfs, tst backsid
PULL ABOVE PERF, SET PKR, FISH SWAB BACK LOAD FRAC ZONE DN TBG SD TO LET GEL BREAK FLOW BACK UNTIL DEAD OR 6HRS KILL WELL W/ 2% KCL WTR IF REQ TOOH W/ PKR	Pull above perfs, set packer, sandline ret If no water, then proceed w/ Frac min 12 h
TEST ZONE @ 5,664-5,674	Reverse circ at least 2 tbg volumes before
TIH W/ BP RETRIEVING HEAD WASH OFF SAND LATCH BP RESET BP @ 5730'	
PRESSURE TEST BP TO 5000 PSI TOOH W/ RETRIEVING HEAD & TBG RU WIRELINE COMPANY DUMP BAIL 1 SX SD PERF 5664-5674 W/2JSPF CSG GUN RD WIRELINE COMPANY	If timing is such that 1 sx sand can be tr If not already done.
PU PIP PACKER, TIH TO PERFS ACIDIZE PERFS PER RECOM.	Set in blank pipe above perfs, tst backsid
PULL ABOVE PERF, SET PKR, FISH SWAB BACK LOAD	Pull above perfs, set packer, sandline ret If no water, then proceed w/ Frac MIN FLOW

Schedule Name : KINGS CANYON RECOMPLETION  
 Responsible : DT  
 As-of Date : 24-Apr-90 7:00am Schedule File : D:\TL3\DATA\KCRECOMP

Task Name	Notes
FRAC ZONE DN TBG SD TO LET GEL BREAK FLOW BACK UNTIL DEAD OR 6HRS KILL WELL W/ 2% KCL WTR IF REQ TOOH W/ PKR	Reverse circ at least 2 tbg volumes before
TEST ZONE @ 5,284-5,294 TIH W/ BP RETRIEVING HEAD WASH OFF SAND LATCH BP RESET BP @ 5350'	
PRESSURE TEST BP TO 5000 PSI TOOH W/ RETRIEVING HEAD & TBG RU WIRELINE COMPANY DUMP BAIL 1 SX SD	If timing is such that 1 sx sand can be tr If not already done.
PERF 5284-5294 W/2JSPF CSG GUN RD WIRELINE COMPANY PU PIP PACKER, TIH TO PERFS ACIDIZE PERFS PER RECOM.	Set in blank pipe above perfs, tst backsid
PULL ABOVE PERF, SET PKR, FISH SWAB BACK LOAD TOOH W/ PKR	Pull above perfs, set packer, sandline ret If no water, then proceed w/ Frac TEST MI
FRAC ZONE DN CSG W/ X-L SD TO LET GEL BREAK FLOW BACK UNTIL DEAD OR 6HRS KILL WELL W/ 2% KCL WTR IF REQ	
TEST ZONE @ 5,046-5,080 TIH W/ BP RETRIEVING HEAD WASH OFF SAND LATCH BP RESET BP @ 5130'	

Schedule Name : KINGS CANYON RECOMPLETION  
 Responsible : DT  
 As-of Date : 24-Apr-90 7:00am Schedule File : D:\TL3\DATA\KCRECOMP

Task Name	Notes
PRESSURE TEST BP TO 5000 PSI TOOH W/ RETRIEVING HEAD & TBG RU WIRELINE COMPANY	If timing is such that 1 sx sand can be tr
DUMP BAIL 1 SX SD PERF 5046-5080 W/1JSPF CSG GUN RD WIRELINE COMPANY	If not already done.
PU PIP PACKER, TIH TO PERFS ACIDIZE PERFS PER RECOM.	Set in blank pipe above perfs, tst backsid
PULL ABOVE PERF, SET PKR, FISH SWAB BACK LOAD TOOH W/ PKR	Pull above perfs, set packer, sandline ret If no water, then proceed w/ Frac TEST MI
FRAC ZONE DN CSG W/ X-L SD TO LET GEL BREAK FLOW BACK UNTIL DEAD OR 6HRS KILL WELL W/ 2% KCL WTR IF REQ TIH W/ BP RETRIEVING HEAD WASH OFF SAND LATCH BP TOOH W/ BP & TBG	
RUN PRODUCTION STRING NDBOP, NUWH SWAB WELL IN UNTIL FLOWING RD SU RETURN WELL TO PRODUCTION	TIH W/ NOTCHED COLLAR, SN, TBG TO LAND @6200 Includes labor to redress wh

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

5. LEASE DESIGNATION AND SERIAL NO.

U-43157

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Kings Canyon

9. WELL NO.

1-11

10. FIELD AND POOL, OR WILDCAT  
Natural Buttes

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

Sec. 11-11S-19E

12. COUNTY OR PARISH  
Uintah

13. STATE  
Utah

19. ELEV. CASINGHEAD

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

25. WAS DIRECTIONAL SURVEY MADE

27. WAS WELL CORED

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6208-6190'	1000 gals 7% HCL, 38 bal Frac w/15000 gals Hyber ge w/1-4 ppg ramped 20/40 sn
5926-5938'	1000 gals 10% acid, 30 ball

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
	N/A	

DATE OF TEST	HOURS TESTED	CHOKES SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

MJ#OR#W

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other P&A

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

2. NAME OF OPERATOR  
Apache Corporation

3. ADDRESS OF OPERATOR  
1700 Lincoln, Ste. 1900, Denver, CO 80203-4519

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 1920' FSL, 2030' FEL (NW SE)  
At top prod. interval reported below  
At total depth

14. PERMIT NO. 43-047-31108  
DATE ISSUED

15. DATE SPUDDED  
16. DATE T.D. REACHED  
17. DATE COMPL. (Ready to prod.) PKA'd 6-14-90 (Sundry dated 6-22-90) DTS

18. ELEVATIONS (DF, RKB, RT, OR, ETC.)\*  
20. TOTAL DEPTH, MD & TVD  
21. PLUG, BACK T.D., MD & TVD  
22. IF MULTIPLE COMPL. HOW MANY\*

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
N/A

26. TYPE ELECTRIC AND OTHER LOGS RUN

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

29. LINER RECORD

31. PERFORATION RECORD (Interval, size and number)

6190'-6208'	3-3/8"	2	JSPF
5926'-5938'	3-3/8"	2	JSPF
5664'-5674'	3-3/8"	2	JSPF
5284'-5294'	3-3/8"	2	JSPF
5046'-5080'	3-3/8"	1	JSPF

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

33. PRODUCTION

SIGNED *Carolyn D. Hepp* TITLE Engineering Technician DATE 6/22/90

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

KINGS CANYON 1-11

June 22, 1990

Page -2-

Item 32.

5664-74'	Acidize w/1000 gals 7½% HCL + 30 ball sealers
5284-94'	Acidize w/1000 gals 7½% HCL + 30 ball sealers
5046-80'	Acidize w/1200 gals 7½% HCL + 41 ball sealers

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

-SUBMIT IN TRIPLICATE-  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

**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 <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> P&A	5. LEASE DESIGNATION AND SERIAL NO. U-43157
2.	NAME OF OPERATOR Apache Corporation	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3.	ADDRESS OF OPERATOR 1700 Lincoln, Ste. 1900, Denver, CO 80202	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                      1920' FSL, 2030' FEL (NWSE)	8. FARM OR LEASE NAME Kings Canyon
14.	PERMIT NO. 43-047-31108	9. WELL NO. 1-11
15.	ELEVATIONS (Show whether DF, RT, OR, etc.) 5622' KB	10. FIELD AND POOL, OR WILDCAT Natural Buttes
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 11-11S-19E
		12. COUNTY OR PARISH    13. STATE Uintah                      UT

RECEIVED  
JUN 29 1990

DIVISION OF  
OIL, GAS & MINING

**10. 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 checked="" 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.)\***

Apache Corporation began plugging operations on the above captioned well June 10, 1990 as follows:  
 Set CIBP at 5010', DB 42' cmt on top of plug.  
 Perf 2980-2982' (10 holes) with 2" tbg gun, pressured csg to 500 psi, held O.K. Bled off pressure. RD wireline. LD 95 jts tbg. TIH open ended with 93 jts; btm at 2982'.  
 Set balanced 9 sx 50/50 pozmix plug at 2982' in 4 1/2" casing.  
 Perf at 1470' with 2" tbg gun (10 shots). Pressured casing to 4400 psi - did not break down. Pressured up 8 5/8" casing to 1500 psi, no leak off.  
 TIH with open ended tbg 1475', spot 11 sxs 50/50 pozmix w/2% gel, 3% CaCl cmt to spot plug 1475-1332'. LD 43 jts tbg.  
 Spot 10 sx plug from 100' to surface with 50/50 pozmix cement.  
 ND BOP, cut off casing 1" x 60' dn 4 1/2" and 8 5/8" annulus and 8 5/8" & 13 3/8" annulus.  
 Pump total 36 sxs 50/50 pozmix cement fill to surface.  
 Set dry hole marker and capped well.

**WELL PLUGGED AND ABANDONED 6/14/90**

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

SIGNED Carolyn D. Hepp TITLE Engineering Technician

DATE 6/22/90

(This space for Federal or State office use)

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

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

JUN 22 1990  
 M.J. FORSMAN  
 379

\*See Instructions on Reverse Side