

FILE NOTATIONS

Entered in NID File

Entered On S R Sheet

Location Map Pinned

Card Indexed

IWR for State or Fee Land

Checked by Chief

Copy NID to Field Office

Approval Letter

Disapproval Letter

COMPLETION DATA:

Date Well Completed 9/28/77

OW  WW  TA

SI GW  OS  PA

Location Inspected

Bond released

State of Fee Land

LOGS FILED

Driller's Log

Electric Logs (No. )

E  I  E-I  GR  GR-N  Micro

Lat  Mi-L  Sonic  Others

915-684-4411

# EXXON COMPANY, U.S.A.

POST OFFICE BOX 1600 - MIDLAND, TEXAS 79701

March 15, 1977

MIDCONTINENT PRODUCTION DIVISION  
SOUTHWESTERN EXPLORATION DIVISION

W. R. WARDROUP  
DRILLING MANAGER

File No. 22-3

Pre-Staking Notice  
Crooked Canyon Unit,  
Well No. 1, Wildcat,  
Uintah County, Utah

*Sign  
Westerfield*

*Next Friday  
April 1,*

*Dinosaur Well  
Vernal  
Westerfield  
will be in Dinosaur  
on the 24th - ~~the~~ not  
get received indication  
that funds will be  
phase. will be  
divided to loc.  
Dinosaur  
every one*

Mr. E.W. Guynn, District Engineer  
United States Department of the Interior  
Geological Survey, Conservation Division  
8426 Federal Building  
Salt Lake City, Utah 84138

Dear Mr. Guynn:

Attached is a topographic map showing the proposed location of Crooked Canyon Unit, Well No. 1, a Wildcat, as 660' FNL and 1,980' FEL of Section 20, T-14-S, R-23-E, Uintah County, Utah.

We would like to stake this location about March 29, 1977.

Very truly yours,

*W.R. Wardroup*  
W.R. Wardroup

MK/sm

cc: Bureau of Land Management  
P.O. Box F  
Vernal, Utah 84078 (w/plat)

State of Utah  
Division of Oil and Gas Conservation  
1588 West North Temple  
Salt Lake City, Utah 84116 (w/plat)

### CIRCULATE TO:

- DIRECTOR -----
- PETROLEUM ENGINEER -----
- MINE COORDINATOR -----
- ADMINISTRATIVE ASSISTANT -----
- ALL -----

RETURN TO *Schmitt*  
FOR FILING



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

7

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

2. NAME OF OPERATOR  
 Exxon Corporation

3. ADDRESS OF OPERATOR  
 Box 1600, Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
 At surface  
 660' FNL & 1976' FEL of Sec. 20  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 43 Miles to Ouray

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

16. NO. OF ACRES IN LEASE  
 2229.24

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 ---

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

19. PROPOSED DEPTH  
 9700

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 GR 7007'

22. APPROX. DATE WORK WILL START\*  
 May 15, 1977

APR 8-11  
Rube  
E-3

5. LEASE DESIGNATION AND SERIAL NO.  
 U-10182

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
 Crooked Canyon Unit (Pending)

8. FARM OR LEASE NAME  
 Crooked Canyon Unit

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT  
 Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Sec. 20, T-14-S, R-23-E

12. COUNTY OR PARISH  
 Uintah

13. STATE  
 Utah

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2	13-3/8"	48#	40	To Surf. with ready mix
12-1/4	9-5/8"	40#	1500	To Surf. w/at least 400 sacks
7-7/8	5-1/2"	15.5 & 17#	9700	To 1000' above pay with at least 200 sacks.



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 directly, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Melba Kripling TITLE Proration Specialist DATE 4-5-77

(This space for Federal or State office use)

PERMIT NO. B-044-30271 APPROVAL DATE \_\_\_\_\_

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

CONDITIONS OF APPROVAL, IF ANY:

Crooked Canyon Unit, Well No. 1

1. The geologic name of the surface formation.

Tertiary Green River

2. The estimated tops of important geologic markers.

Wasatch Tertiary	1,500'
Mesaverde Cretaceous	2,900'
Mancos Shale	4,950'
Dakota Sand	8,850'
Jurassic Morrison	9,000'

3. The estimated depths at which anticipated water, oil or other mineral bearing formations are expected to be encountered.

Water - Wasatch and Mesaverde Morrison	1,500-4,950' 9,200'
Oil - Basal Mancos Shale	8,500'
Gas - Wasatch and Mesaverde Dakota Morrison	1,500-4,950' 8,900' 9,200'

4. Proposed Casing Program:

<u>String</u>	<u>Size/Weight/Grade</u>	<u>Condition</u>	<u>Depth Interval</u>
Conductor	13-3/8 /48.0/ H-40	New	0-40
Surface	9-5/8 /40.0/ N-80	New	0-1500
Production	5-1/2 /17.0/ K-55	2nd Cl.	0-500
	5-1/2 /17.0/ K-55	New	500-1500
	5-1/2 /15.5/ K-55	New	1500-6000
	5-1/2 /17.0/ K-55	New	6000-7500
	5-1/2 /17.0/ P-110	New	7500-9700

5. Minimum specifications for pressure control equipment:

a) Casinghead Equipment

Lowermost head: 9-5/8" LTC X 10" 3000 psi  
 Tubinghead: 10" 3000 psi X 6" 5000 psi  
 Adapter & Tree: 6" 5000 psi X 2-1/2" 5000 psi

b) Blowout Preventers

Refer to attached drawing and list of equipment, both titled "Type II-C" for description of 3000 psi (minimum) working pressure BOP stack and choke manifold. The BOP's will be installed on the lowermost casinghead after 9-5/8" casing is set and will not be smaller than 10" FE API or less than 2000 psi WP.

c) BOP Control Unit

Unit will be hydraulically operated and have at least 3 control stations.

d) Testing

When installed, the BOP stack will be tested at a low pressure (200-300 psi) and to at least 2000 psi. At approximately weekly intervals, the stack will be tested to 1500 psi. An operational test of the BOP's is to be performed on each round trip (but not more than once each day); the annular and pipe-ram preventer will be closed on drill pipe, and the blind rams will be closed while pipe is out of the stack.

6. Type and anticipated characteristics of Drilling Fluid:

Depth Interval Ft.	Mud Type	Weight ppg	Funnel		PV CP	WL (cc)	Solids %	YP #/100 ft <sup>2</sup>	pH
			Visc Sec/Qt						
0-1500	Fresh	8.4-8.8	28-35	2-6	NC	2-5	2-8	10	
1500-9700	Fresh	8.5-10	30-45	2-10	15-20	4-8	4-10	10.5	

Mud weight and viscosity will be maintained at minimum levels compatible with operating conditions. Not less than 200 barrels of mud will be in the pits and at least 200 sacks of barite will be stocked on location.

7. Auxiliary Control Equipment:

- a) Kelly Cocks: Upper and Lower installed on kelly
- b) Safety Valve: Full-opening ball-type to fit each type and size of drill pipe in use available on rig floor, in open position for stabbing into drill pipe when kelly is not in string.
- c) Pit volume totalizer to monitor mud pits.
- d) Trip tank to insure that hole is full and takes proper amount of fluid on trips.
- e) A float at the bit will not be used unless conditions dictate.

8. The testing and logging program to be followed:

Drill Stem Tests - (Based on Shows)

- (1) Wasatch
- (2) Mesaverde
- (3) Basal Mancos Shale
- (4) Dakota

Core - (Based on Shows)

Dakota

Logs to be run from TD to Surface Casing -  
DIL, BHC - Sonic, FDC - CNL

9. No abnormal pressure or temperature hazards are anticipated.
10. It is anticipated that the drilling operation will begin on May 15, 1977, and will be completed on July 25, 1977.

MK/sm  
4-4-77

**BLOWOUT PREVENTER SPECIFICATION**  
**EQUIPMENT DESCRIPTION**

**TYPE II-C**

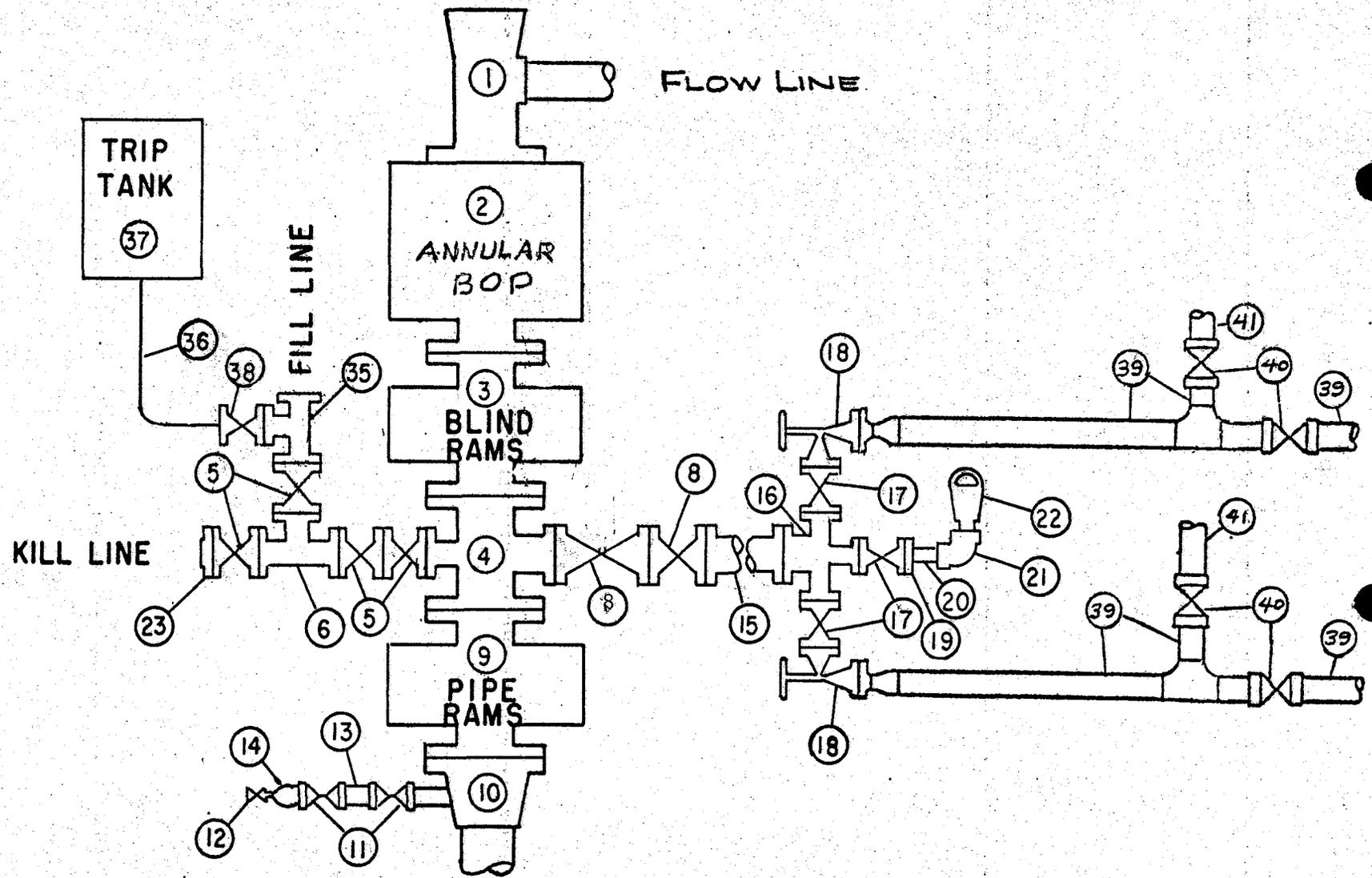
All equipment should be at least 2000 psi WP or higher unless otherwise specified.

1. Bell nipple.
2. Hydril or Shaffer bag type preventer.
3. Ram type pressure operated blowout preventer with blind rams.
4. Flanged spool with one 4-inch and one 2-inch (minimum) outlet.
5. 2-inch (minimum) flanged plug or gate valve.
6. 2-inch by 2-inch by 2-inch (minimum) flanged tee.
- ~~7. 4-inch pressure operated gate valve.~~
8. 4-inch flanged gate or plug valve.
9. Ram type pressure operated blowout preventer with pipe rams.
10. Flanged type casing head with one side outlet (furnished by Exxon).
11. 2-inch threaded (or flanged) plug or gate valve (furnished by Exxon).  
Flanged on 5000# WP, threaded on 3000# WP or less.
12. Needle valve (furnished by Exxon).
13. 2-inch nipple (furnished by Exxon).
14. Tapped bull plug (furnished by Exxon).
15. 4-inch flanged spacer spool.
16. 4-inch by 2-inch by 2-inch by 2-inch flanged cross.
17. 2-inch flanged plug or gate valve.
18. 2-inch flanged adjustable choke.
19. 2-inch threaded flange.
20. 2-inch XXH nipple.
21. 2-inch forged steel 90° Ell.
22. Cameron (or equal.) threaded pressure gage.
23. Threaded flange.
  
35. 2-inch flanged tee.
36. 3-inch (minimum) hose. (Furnished by Exxon).
37. Trip tank. (Furnished by Exxon).
38. 2-inch flanged plug or gate valve.
39. 2-1/2-inch pipe, 300' to pit, anchored.
40. 2-1/2-inch SE valve.
41. 2-1/2-inch line to steel pit or separator.

NOTES:

1. Items 3, 4 and 9 may be replaced with double ram type preventer with side outlets between the rams.
2. The two valves next to the stack on the fill and kill line to be closed unless drill string is being pulled.
3. Kill line is for emergency use only. This connection shall not be used for filling.
4. Replacement pipe rams and blind rams shall be on location at all times.
5. Only type U, LWS and QRC ram type preventers with secondary seals are acceptable for 5000 psi WP and higher BOP stacks.
6. Type E ram-type BOP's with factory modified side outlets may be used on 3000 psi or lower WP BOP stacks.

MIDLAND DRILLING ORGANIZATION  
BLOWOUT PREVENTER SPECIFICATION  
TYPE II - C



9/15/73

## SURFACE USE PLAN

Exxon Corporation - Crooked Canyon Unit, Well No. 1  
660' FNL & 1,976' FEL, Sec. 20, T-14-S, R-23-E, S.L.B. & M.  
Lease U-10182, Uintah County, Utah

1. EXISTING ROADS - Area Map, Exhibit "A" is a composite of combined USGS quads.
  - A. Exhibit "A" shows the proposed well site as staked.
  - B. From Ouray go southerly down Seep Ridge Road 41 miles to turn off at cattleguard. New road continues northeast approximately two miles to the location.
  - C. Approximately two miles of new road will be constructed as shown on Exhibit "A". New road is colored red.
  - D. The only existing public road within a three mile radius is the Seep Ridge Road as shown on Exhibit "A". This is a graded road.
  - E. We do not plan on improving or any maintenance to the existing road except to grade the road as necessary.

2. PLANNED ACCESS ROADS - Exhibit "A" shows all necessary access roads to be constructed.

Width of the crown will be 16' with ditches on either side. The road will be constructed generally along a ridge with the maximum grade less than six percent. No turnouts are to be constructed. The road will not require any drainage facilities such as culverts or tin horns. No surface material will be put on the road. The fence along the Seep Ridge Road will be cut and braces installed for a 16' cattleguard. The two miles of new road has been flagged along the center line from the Seep Ridge Road to the location.

3. LOCATION OF EXISTING WELLS - There are no existing or abandoned oil, gas, or water wells in the vicinity of this location.
4. TANK BATTERIES, PRODUCTION FACILITIES AND LEASE PIPELINE - There are no tank batteries, production facilities or pipelines within one mile of the location controlled by lessee.

If production is established, production facilities will be erected on the drill pad as shown on Exhibit "B" in the dimensional area. Steel pipe and fittings will be used that have a rated working pressure equal to or greater than the pressure to be applied.

Rehabilitation of any disturbed areas no longer needed for operations after completion of the production facilities will be done. This will consist of reshaping the existing surface and seeding as specified.

5. LOCATION AND TYPE OF WATER SUPPLY - The water to be used in the drilling operation will be hauled by tank truck from Willow Creek at a point approxi-

mately 12 miles north of the location. The water will be hauled over the Seep Ridge Road and the new constructed road.

6. SOURCE OF CONSTRUCTION MATERIALS - No construction materials other than what is found in building the location or road will be used.

7. WASTE DISPOSAL -

A. Drill cuttings will be disposed of in the reserve pit.

B. Remaining drilling fluids will be allowed to evaporate in the reserve pit until the pit is dry enough for backfilling. (In event of a dry hole, pumpable liquid on the surface of the pit will be injected into the well to shorten the pit-drying period).

C. Water produced during tests will be disposed of in the reserve pit. Oil produced during tests will be stored in test tanks until sold, at which time it will be hauled from site.

D. Sewage from trailer houses will drain into holes at least 10' deep, which will be kept covered until backfilled. An outdoor toilet will be provided for the rig crews; this area will be backfilled during cleanup after rig move-out.

E. Trash, waste paper and garbage will be contained in a trash pit fenced with a small mesh wire to prevent wind-scattering during collection and burned; this pit is shown on Exhibit "B". Residue in this pit at completion of operations will be buried either within the pit or the reserve pit by at least 24" of cover.

F. When rig moves out, all trash and debris left at site will be contained to prevent scattering and will be either burned in trash pit or buried at least 24" deep within 30 days unless ground freeze prevents burial.

8. ANCILLARY FACILITIES - No camps are planned. An air strip exists approximately seven miles south of the location along the Seep Ridge Road. In the event the drilling crews are to be brought in by air the air strip would be graded and used.

9. WELLSITE LAYOUT -

A. Exhibit "B" (Scale 1" - 60') shows proposed wellsite layout.

B. This Exhibit indicates proposed location of mud, reserve, burn, and trash pits; pipe racks and other major rig components; living facilities; soil stockpile; parking area; and turn-in from access road.

C. Mud pits in the active circulating system will be steel pits, and the reserve pit is proposed to be unlined unless subsurface conditions encountered during pit construction indicate that lining is needed for lateral containment of fluids.

10. RESTORATION OF SURFACE -

- A. Upon completion of the operation and burial of any trash and debris as discussed earlier, pits will be backfilled and leveled or contoured as soon as practical after drying-time. Drillsite surface will be reshaped to combat erosion, and stockpiled topsoil will be distributed to extent available. Prior to leaving the drillsite upon rig move-out, any pit that is to remain open for drying will be fenced and so maintained until backfilled and reshaped.
- B. Exxon will rehabilitate road as per BLM recommendations.
- C. Revegetation of the drill pad will comply with USGS-BLM specifications.
- D. Any oil on pits will be removed or otherwise disposed of to USGS-BLM approval.
- E. Sundry Notice will be submitted showing timetable for start and completion of rehabilitation operations providing weather permits.

11. OTHER INFORMATION - The location and road will be located on a ridge that has been chain cleared. The soil has some gravel. Vegetation is principally cedar with native grasses. No surface use activity other than grazing is carried on in the area.

There are no dwellings, archeological, historical or cultural sites apparent in the area. All land involved is Federal with surface administered by the BLM.

There are no ponds, streams or water wells in the area.

There are no buildings of any kind in the area.

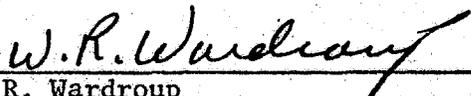
12. OPERATOR'S REPRESENTATIVE - Exxon's field representative for contact regarding compliance with this Surface Use Plan is:

W.R. Wardroup  
P.O. Box 1600  
Midland, Texas 79702  
Office Phone: 915-684-4411  
Home Phone: 915-694-5067

13. CERTIFICATION -

I hereby certify that I, or persons under my direct supervision, have inspected the proposed 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 the Exxon Corporation and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Date April 4, 1977

  
\_\_\_\_\_  
W.R. Wardroup  
Division Drilling Manager

STATE OF UTAH  
DIVISION OF OIL, GAS, AND MINING

\*\* FILE NOTATIONS \*\*

Date: April 8 -  
Operator: Clyon Corporation  
Well No: Crooked Canyon Unit #1  
Location: Sec. 10 T. 14S R. 23E County: Uintah

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

CHECKED BY:

Administrative Assistant [Signature]  
Remarks: No other wells in township  
Petroleum Engineer PLD/KO  
Remarks: 4/18/77  
Director CBF/KO  
Remarks: 4/12/77

INCLUDE WITHIN APPROVAL LETTER:

Bond Required  Survey Plat Required   
Order No.  Surface Casing Change   
to \_\_\_\_\_

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

O.K. Rule C-3  O.K. In \_\_\_\_\_ Unit

Other:

Letter Written/Approved

April 8, 1977

Exxon Corporation  
Box 1600  
Midland , Texas

RE: CROOKED CANYON UNIT #1  
Sec. 20, T. 14 S, R. 23 E,  
Uintah County, Utah

Gentlemen:

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

However, it would be appreciated if a copy of the Crooked Canyon Unit Agreement (unexecuted would suffice) were furnished this office at your earliest convenience.

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

PATRICK L. DRISCOLL - Chief Petroleum Engineer  
HOME: 582-7247  
OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

The API number assigned to this well is 43-047-30271.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CEEON B. FEIGHT  
Director

**EXXON** COMPANY, U.S.A.

POST OFFICE BOX 1600 • MIDLAND, TEXAS 79701

April 22, 1977

MIDCONTINENT PRODUCTION DIVISION  
SOUTHWESTERN EXPLORATION DIVISION

File No. 22-3

W. R. WARDROUP  
DRILLING MANAGER



U.S. Geological Survey  
8440 Federal Building  
Salt Lake City, Utah 84138

Gentlemen:

We respectfully request that reports submitted be kept confidential for the following well to be drilled:

<u>Lease Designation &amp; Serial Number</u>	<u>Lease Name &amp; Well No.</u>	<u>Location</u>	<u>County</u>
U-10182	Crooked Canyon Unit, Well No. 1	Sec. 20, T-14S, R-23-E	Uintah, Utah

Very truly yours,

*W.R. Wardroup*  
W.R. Wardroup

MK/sm

cc: State of Utah  
Division of Oil and Gas Conservation  
1588 West North Temple  
Salt Lake City, Utah 84116

4-28-77

Exxon Corporation  
Well #1 Sec 20  
T-14-S., R-23E  
U-10182  
Utah  
U.S.G.S. Cook  
B.L.M. Ellis  
Exxon - Westfield

Construction	Drilling Production	Transport Operations	Accidents	Others
Roads, bridges, airports	Well drilling	Trucks	Spills and leaks	Operational failure
Transmission lines, pipelines	Fluid removal (Prod. wells, facilities)	Pipelines		
Dams & impoundments	Secondary Recovery	Others		
Others (pump stations, compressor stations, etc.)	Noise or obstruction of scenic views			
Burning, noise, junk disposal	Mineral processing (ext. facilities)			
Liquid effluent discharge	Others			
Subsurface disposal				
Others (toxic gases, noxious gas, etc.)				

- ENHANCES
- NO IMPACT
- MINOR IMPACT
- MAJOR IMPACT

Land Use	Construction	Drilling Production	Transport Operations	Accidents	Others
Forestry	N.P.				
Grazing	✓	/	/	/	/
Wilderness	N.P.				
Agriculture	N.P.				
Residential-Commercial	N.P.				
Mineral Extraction	N.P.				
Recreation	0	/	/	/	/
Scenic Views	✓	/	/	/	/
Parks, Reserves, Monuments	N.P.				
Historical Sites	none known				
Unique Physical Features	N.P.				
Birds	✓	/	/	/	/
Land Animals	✓	/	/	/	/
Fish	N.P.				
Endangered Species	none known				
Trees, Grass, Etc.	✓	/	/	/	/
Surface Water	N.P.				
Underground Water	?				
Air Quality	✓	/	/	/	/
Erosion	✓	/	/	/	/
Other					
Effect On Local Economy	0	0	0	0	0
Safety & Health	✓	/	/	/	/
Others	Orig - Free cc. Reg - Deanna Bum - Volume w/o notes D&M - Utah				

Lease

U-10-82

Well No. & Location

#1 sec 20, T4S., R23, E,  
Utah, Utah

ENVIRONMENTAL IMPACT ANALYSIS - ATTACHMENT 2-B

1. Proposed Action

Exxon Corporation PROPOSES TO DRILL AN OIL AND GAS TEST WELL WITH ROTARY TOOLS TO ABOUT 9,700 FT. TD. 2) TO CONSTRUCT A DRILL PAD 190 FT. X 300 FT. AND A RESERVE PIT 150 FT. X 150 FT. 3) TO CONSTRUCT 1.8 FT. X 2 MILES ACCESS ROAD AND UPGRADE — FT. X — MILES ACCESS ROAD FROM AN EXISTING AND IMPROVED ROAD.

2. Location and Natural Setting (existing environmental situation)

The location is in rolling hills with a gentle slope to the North. There will be a fifteen ft. cut on the South side of the location.

Vegetation in the area is cedar, and native grasses. The surface is a chained area and used primarily for grazing. Wildlife in the area is ~~abundant~~ and small animals native to the area with no known endangered species.

There are no known historical sites that would be affected, and no evidence of archaeological sites was noted.

3. EFFECTS ON ENVIRONMENT BY PROPOSED ACTION

- 1) EXHAUST EMISSIONS FROM THE DRILLING RIG POWER UNITS AND SUPPORT TRAFFIC ENGINES WOULD ADD MINOR POLLUTION TO THE ATMOSPHERE IN THE LOCAL VICINITY.

- 2) MINOR INDUCED AND ACCELERATED EROSION POTENTIAL DUE TO SURFACE DISTURBANCE AND SUPPORT TRAFFIC USE.

- 3) MINOR VISUAL IMPACTS FOR A SHORT TERM DUE TO OPERATIONAL EQUIPMENT AND SURFACE DISTURBANCE.

- 4) TEMPORARY DISTURBANCE OF WILDLIFE AND LIVESTOCK.

- 5) MINOR DISTRACTION FROM AESTHETICS FOR SHORT TERM.

- 6)

#### 4. Alternatives to the Proposed Action

- 1) NOT APPROVING THE PROPOSED PERMIT -- THE OIL AND GAS LEASE GRANTS THE LESSEE EXCLUSIVE RIGHT TO DRILL FOR, MINE, EXTRACT, REMOVE AND DISPOSE OF ALL OIL AND GAS DEPOSITS.

- 2) DENY THE PROPOSED PERMIT AND SUGGEST AN ALTERNATE LOCATION TO MINIMIZE ENVIRONMENTAL IMPACTS.

- 3) *No nearby locations could be found that would justify this action.*

5. Adverse Environmental Effects Which Cannot Be Avoided

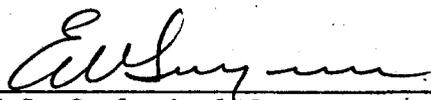
- 1) MINOR AIR POLLUTION DUE TO EXHAUST EMISSIONS FROM TRIG ENGINES AND SUPPORT TRAFFIC ENGINES.
- 2) MINOR INDUCED AND ACCELERATED EROSION POTENTIAL DUE TO SURFACE DISTURBANCE AND SUPPORT TRAFFIC USE.
- 3) MINOR AND TEMPORARY DISTURBANCE OF WILDLIFE.
- 4) TEMPORARY DISTURBANCE OF LIVESTOCK.
- 5) MINOR AND SHORT-TERM VISUAL IMPACTS.
- 6)

6. Determination

(This requested action ~~does~~ does not) constitute a major Federal action significantly affecting the environment in the sense of NEPA, Section 102(2) (c).

Date Inspected 4-28-77

Inspector A.L. Cook

  
U.S. Geological Survey,  
Conservation Division  
Salt Lake City District  
Salt Lake City, Utah

U.S. GEOLOGICAL SURVEY, CONSERVATION DIVISION

FROM: DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH

TO: DISTRICT ENGINEER, SALT LAKE CITY, UTAH

Well	Location	Lease No.
Exxon Corporation # 1	660' FNL, 1976' FEL, Sec. 20, T14S, R23E, SLM, Uintah Co., Utah, Gr. El. 7007'	U-10182
<p>1. <b>Stratigraphy and Potential Oil and Gas Horizons.</b> Well will spud in the Douglas Creek Member of the Green River Formation and test the underlying Mancos Shale, Wasatch Fm., Mesaverde Fm., Dakota Fm., and Morrison Fm. for gas/oil potential to a proposed T.D. of 9700'. No other wells in the vicinity of this test. Skyline Oil et. al. #2 Sweetwater (6955' D.E.), Sec. 14, T. 14 S., R. 22 E., reported the following tops: Wasatch 2161'; Mesaverde 3212'; Castle-gate 5203'; Emery 6051'; Frontier 8878'; Dakota 9142'; Morrison 9405'; T.D. 9421'.</p> <p>2. <b>Fresh Water Sands.</b> Abd. See also APD outline program, #2 and3.</p> <p>No wells in the vicinity of this test. WRD reports (see attached sheet) indicates fresh or usable water may occur to depths of 2500' in the Wasatch Fm. in this region.</p> <p>3. <b>Other Mineral Bearing Formations. (Coal, Oil Shale, Potash, Etc.)</b> Within lands considered prospectively valuable for oil shale and coal. Though this well will spud in the Douglas Creek Member of the Green River Formation, which is below the prime oil shale horizons, some oil shale may be penetrated. Sodium minerals (nahcolite and dawsonite) may also be encountered. Coal may be penetrated in the Mesaverde, Dakota, and Morrison. While coal in the Dakota and Morrison Formations is likely lenticular and of poor quality, Mesaverde</p> <p>4. <b>Possible Lost Circulation Zones.</b> coal is potentially economic in the future (subeconomic at present due to depth) and should be protected.</p> <p>Unknown</p> <p>5. <b>Other Horizons Which May Need Special Mud, Casing, or Cementing Programs.</b> Protect any fresh water/usable water aquifers penetrated.</p> <p>6. <b>Possible Abnormal Pressure Zones and Temperature Gradients.</b> Unknown</p> <p>7. <b>Competency of Beds at Proposed Casing Setting Points.</b> Probably adequate</p> <p>8. <b>Additional Logs or Samples Needed.</b> Sufficient logs to adequately identify any oil shale and coal horizons.</p> <p>9. <b>References and Remarks</b> USGS Prof. Paper 548, Cashion.</p>		

Date: 4-26-77

Signed: Thomas R. Arroyo

*Steve Ouellet*

82

Depths of fresh-water zones:

Texaco Inc., Prod. Dept., Rocky Mtns, US, Texaco Skyline Govt. Joan Chorney

"B", NCT-1, #1, Wildcat

2,082' fwl, 1,929' fnl, sec. 23, T 13 S, R 22 E, Uintah Co., Utah

Elev 6,624 ft; proposed depth 12,600 ft

<u>Stratigraphic units</u>	<u>Tops, approx.</u>	<u>Quality of water</u>
Green River Fm	surface	fresh where present
Wasatch Fm	2,300 ft	fresh/saline
Mesaverde Grp	4,000 ft	saline/brine
Buck Tongue	6,100 ft	--
Castlegate Ss	6,200 ft	brine
Mancos Sh	6,500 ft	--
Cedar Mountain Fm	(?)	brine

There are no water wells in the vicinity of the proposed test. Fresh or useable water may occur as deep as 2,000 ft in the Wasatch Formation. Deeper units contain saline water and brine; the Weber Sandstone will contain brine at this site.

USGS - WRD  
12-14-71

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

5. LEASE DESIGNATION AND SERIAL NO.  
U-10182

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
Crooked Canyon Unit (Pending)

8. FARM OR LEASE NAME  
Crooked Canyon Unit

9. WELL NO.  
1

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 20, T-14-S, R-23-E

12. COUNTY OR PARISH  
Uintah

13. STATE  
Utah

22. APPROX. DATE WORK WILL START\*  
May 15, 1977

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

2. NAME OF OPERATOR  
Exxon Corporation

3. ADDRESS OF OPERATOR  
Box 1600, Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At surface  
660' FNL & 1976' FEL of Sec. 20  
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
43 Miles to Ouray

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

16. NO. OF ACRES IN LEASE  
2229.24

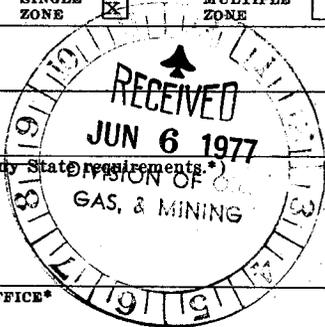
17. NO. OF ACRES ASSIGNED TO THIS WELL

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

19. PROPOSED DEPTH  
9700

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
GR 7007'



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#	40	To Surf. with ready mix
12-1/4	9-5/8"	40#	1500	To Surf. w/at least 400 sacks
7-7/8	5-1/2"	15.5 & 17#	9700	To 1000' above pay with at least 200 sacks.

*Approval notice - Utah State Oil and Gas*

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 Melba Knippling TITLE Proration Specialist DATE 4-5-77

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

APPROVED BY (ORIG. SGD.) E. W. GUYNN TITLE DISTRICT ENGINEER DATE JUN 03 1977

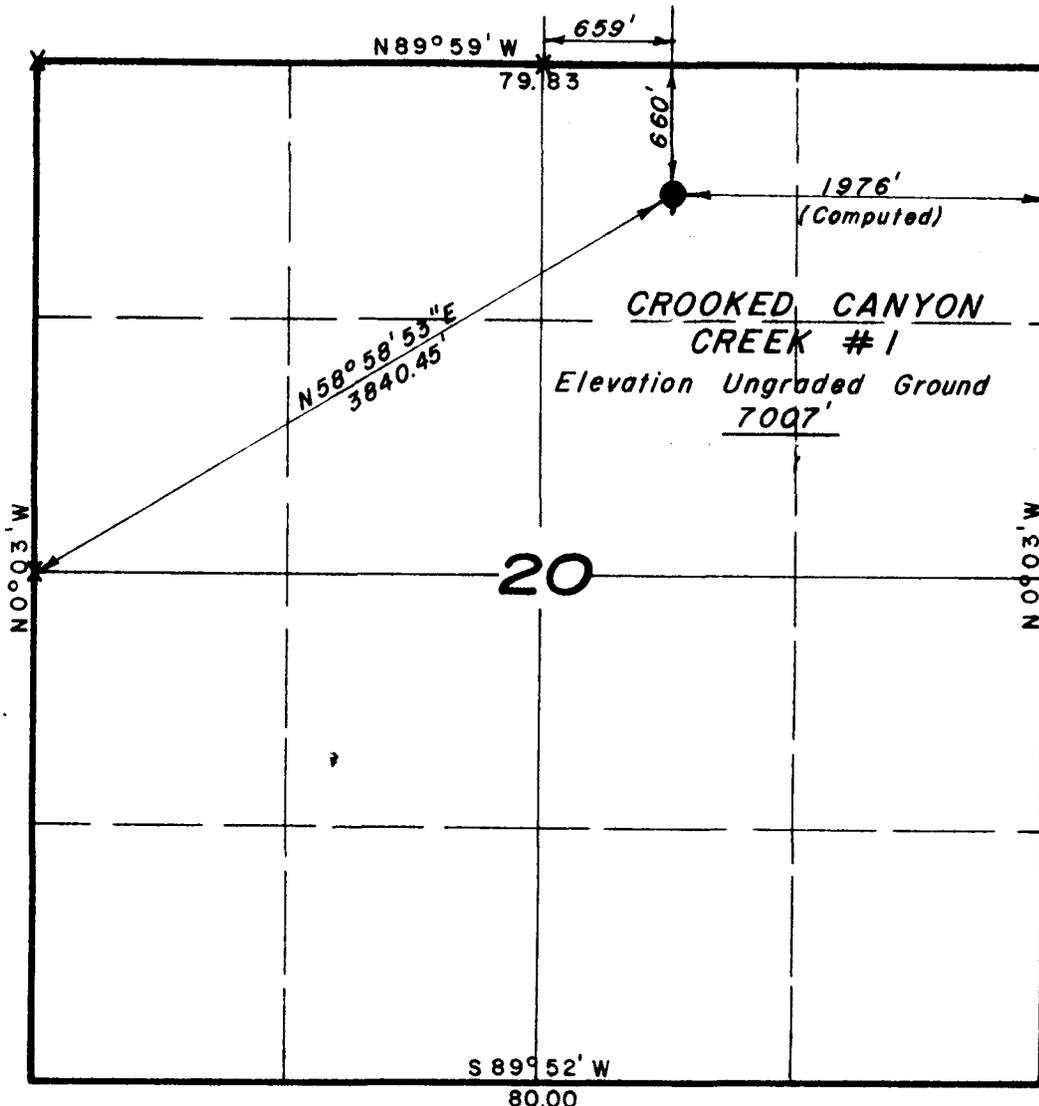
CONDITIONS OF APPROVAL, IF ANY:

T14S, R23E, S. L. B. & M.

PROJECT

EXXON OIL COMPANY

Well location, *CROOKED CANYON CREEK #1*, located in the NW1/4 NE1/4 Section 20, T14S, R23E, S. L. B. & M., Uintah County, Utah.



CERTIFICATE

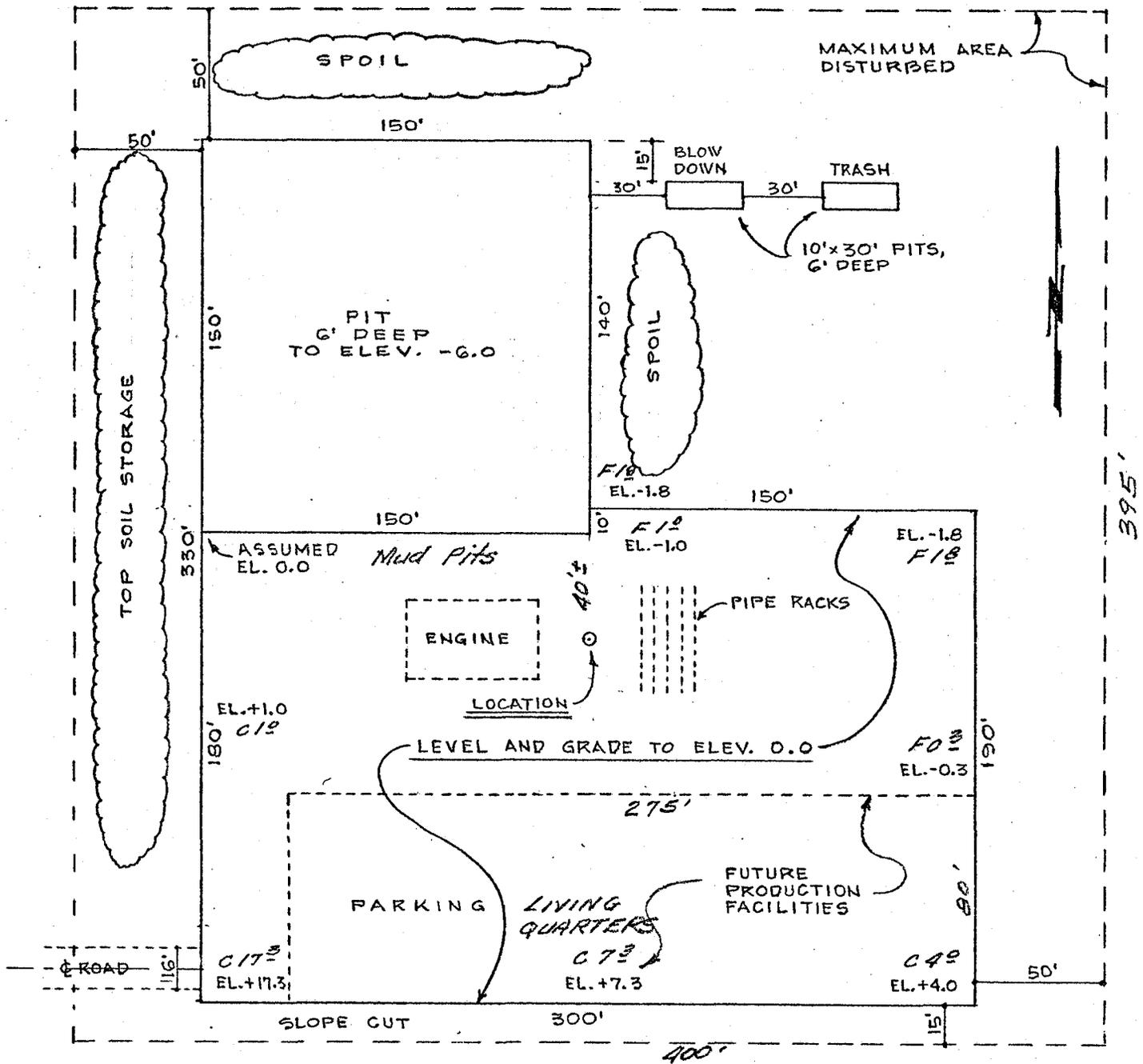
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Edmund J. Marshall*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO 2454  
 STATE OF UTAH

X = Corners Found and Used.

UINTAH ENGINEERING & LAND SURVEYING  
 P. O. BOX Q - 110 EAST - FIRST SOUTH  
 VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 1 April 1977
PARTY R. K., D.D. & D.J.	REFERENCES G.L.O. Plat
WEATHER Cool	FILE Exxon Oil Company



**CROOKED CANYON UNIT No. 1**

UINTAH CO., UTAH  
SCALE: 1" = 60'

EXHIBIT B

July 29, 1977

MEMO TO FILE

Re: -Exxon Corporation  
Crooked Canyon Unit #1  
Sec. 20, T. 14 S, R. 23 E,  
Uintah County, Utah

Mr. Bill Bruce, Exxon Corporation, called to advise that this well would be spudded today. Drilling Contractor is Willard Pease Drilling Company; rig number is 1.

SCHEREE WILCOX  
Administrative Assistant

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved.  
Budget Bureau No. 42-R356.5.

LAND OFFICE Vernal, Utah  
LEASE NUMBER U-10182  
UNIT Crooked Canyon Unit

## LESSEE'S MONTHLY REPORT OF OPERATIONS

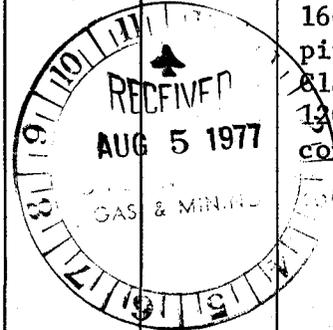
State Utah County Uintah Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of July, 1977,

Agent's address P.O. Box 1600 Company Exxon Corporation  
Midland, Texas 79702 Signed Melba Kripling

Phone 915-684-4411 Agent's title Proration Specialist

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
<u>Crooked Canyon Unit,</u>										
<u>Sec. 20</u>										
<u>NW/NE 14S</u>	<u>14S</u>	<u>23E</u>	<u>1</u>							<u>Spudded 12-1/4" hole 10:15 P.M., 7-29-77. Drld. to 166'. Set conductor pipe, cmted w/50 sx. class "G". Pumped 130 sx. cmt. outside conductor pipe. WOC.</u>
<p>Orig &amp; 2cc: U.S.G.S., 8440 Federal Building, Salt Lake City, Utah 84138</p> <p>2cc: Department of Natural Resources, Division of Oil, Gas, and Mining, 1588 West North Temple, Salt Lake City, Utah 84116</p> <p>1cc: Exxon Company, U.S.A., Box 120, Denver, Colorado 80201</p> <p>1cc: Drilling Section</p> <p>1cc: Proration Specialist</p> <p>1cc: Central File</p>										



NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable.)  
NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

CIRCULATE TO:

DIRECTOR \_\_\_\_\_  P  
PETROLEUM ENGINEER \_\_\_\_\_   
MINE COORDINATOR \_\_\_\_\_   
ADMINISTRATIVE ASSISTANT \_\_\_\_\_   
ALL \_\_\_\_\_

RETURN TO Kathleen D.  
FOR FILING

August 9, 1977

Memo To File:

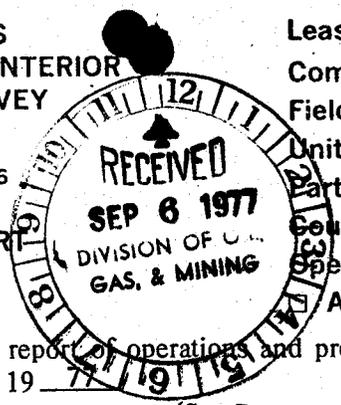
Re: Exxon Oil Corporation  
Crooked Canyon #1  
Sec. 20, T. 14 S., R. 23 E.

Exxon Oil Corporation notified this office on August 5, 1977 that the above named well was spudded on that date by Ray Pease Drilling Company, Rig #1.

PATRICK L. DRISCOLL  
CHIEF PETROLEUM ENGINEER

PLD/ksw

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



Lease No. U-10182  
Communitization Agreement No. \_\_\_\_\_  
Field Name Wildcat  
Unit Name Crooked Canyon Unit  
Participating Area \_\_\_\_\_  
County Uintah State Utah  
Operator Exxon Corporation

MONTHLY REPORT  
OF  
OPERATIONS

Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of August, 1977

(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
<u>Crooked Canyon Unit,</u>				<u>DWG</u>	<u>None</u>	<u>None</u>	<u>None</u>	<u>None</u>	
<u>1</u>	<u>Sec. 20 NW/NE</u>	<u>14S</u>	<u>23E</u>						<u>Set 9-5/8" @ 1534'. Drlg. @ 5809.</u>
<p>Orig. &amp; lcc: U.S.G.S., P.O. Box 2859, Casper, Wyoming 82602, Attn: Area Oil &amp; Gas Supervisor            2cc: Department of Natural Resources, Division of Oil, Gas, &amp; Mining, 1588 West North Temple, Salt Lake City, Utah 84116            lcc: Exxon Company, U.S.A., Box 120, Denver, Colorado 80201            lcc: Drilling Section            lcc: Proration Specialist            lcc: Central File</p>									

\*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	<u>None</u>	<u>XXXXXXXXXXXXXXXXXXXX</u>	<u>XXXXXXXXXXXXXXXXXXXX</u>
*Produced	<u>None</u>	<u>None</u>	<u>None</u>
*Sold	<u>None</u>	<u>None</u>	<u>XXXXXXXXXXXXXXXXXXXX</u>
*Spilled or Lost	<u>None</u>	<u>XXXXXXXXXXXXXXXXXXXX</u>	<u>XXXXXXXXXXXXXXXXXXXX</u>
*Flared or Vented	<u>XXXXXXXXXXXXXXXXXXXX</u>	<u>None</u>	<u>XXXXXXXXXXXXXXXXXXXX</u>
*Used on Lease	<u>None</u>	<u>None</u>	<u>XXXXXXXXXXXXXXXXXXXX</u>
*Injected	<u>None</u>	<u>None</u>	<u>None</u>
*Surface Pits	<u>XXXXXXXXXXXXXXXXXXXX</u>	<u>XXXXXXXXXXXXXXXXXXXX</u>	<u>None</u>
*Other (Identify)	<u>None</u>	<u>None</u>	<u>None</u>
*On hand, End of Month	<u>None</u>	<u>XXXXXXXXXXXXXXXXXXXX</u>	<u>XXXXXXXXXXXXXXXXXXXX</u>
*API Gravity/BTU Content	<u>None</u>	<u>None</u>	<u>XXXXXXXXXXXXXXXXXXXX</u>

Authorized Signature: Melba Kuepfer Address: P.O. Box 1600, Midland, TX 79702  
 Title: Proration Specialist Page 1 of 1

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

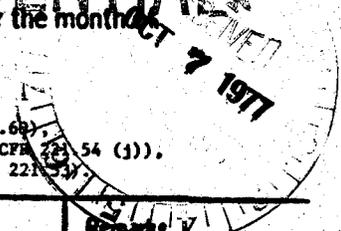
Form 9-329 Rev. Feb 76  
OMB 42-RO356

MONTHLY REPORT  
OF  
OPERATIONS

Lease No. 71-010182  
Communitization Agreement No. \_\_\_\_\_  
Field Name Wildcat  
Unit Name Crooked Canyon Unit  
Participating Area \_\_\_\_\_  
County Uintah State Utah  
Operator Exxon Corporation

Amended Report

**CONFIDENTIAL**



The following is a correct report of operations and production (including status of all unplugged wells) for the month of September, 19 77

(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 221.69) 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	Sec. 20 NW/NE	14S	23E	Drg.	None	None	None	None	Drid. to 9728'. Running 5-1/2" csg.
Orig. + lcc: U.S.G.S., P.O. Box 2859, Casper, Wyoming 82602, Attn: Area Oil & Gas Supervisor 2cc: Department of Natural Resources, Division of Oil, Gas, & Mining, 1588 West North Temple, Salt Lake City, Utah 84116 lcc: Exxon Company, U.S.A., Box 120, Denver, Colorado 80201 lcc: Drilling Section lcc: Proration Specialist lcc: Central File									

\*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	None	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	None	None	None
*Sold	None	None	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	None	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	None	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	None	None	XXXXXXXXXXXXXXXXXXXX
*Injected	None	None	None
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	None
*Other (Identify)	None	None	None
*On hand, End of Month	None	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	None	None	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: Melba Knippling

Address: Box 1600, Midland, TX 79702

Title: Proration Specialist

Drilling

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

(FORM 9-329) (2/76)

OMB 42-RO 356

MONTHLY REPORT OF OPERATIONS

Lease No. 71-01... Communitization Agreement No. Field Name Wildcat Unit Name Crooked Canyon Unit Participating Area County Uintah State Utah Operator Exxon Corporation Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of October, 1977

(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).

Table with 10 columns: Well No., Sec. & 1/4 of 1/4, TWP, RNG, Well Status, Days Prod., \*Barrels of Oil, \*MCF of Gas, \*Barrels of Water, Remarks. Row 1: Well No. 1, Sec. 20 NW/NE, TWP 14S, RNG 23E, Well Status DRG., Days Prod. None, \*Barrels of Oil None, \*MCF of Gas None, \*Barrels of Water None, Remarks: Set 5-1/2" csg. @ 9725'. Perf 9469'-76'. Set cement plug 9483'-9291' w/35 sacks. Perf 9016'-9142'. Testing.

Orig. + 1cc: U.S.G.S., P.O. Box 2859, Casper, Wyoming 82602, Attn: Area Oil & Gas Supervisor 2cc: Department of Natural Resources, Division of Oil, Gas, & Mining, 1588 West North Temple, Salt Lake City, Utah 84116 1cc: Exxon Company, U.S.A., Box 120, Denver, Colorado 80201 1cc: Drilling Section 1cc: Proration Specialist 1cc: Central File



\*If none, so state.

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

Table with 4 columns: Category, Oil & Condensate (BBLs), Gas (MCF), Water (BBLs). Rows include: \*On hand, Start of Month; \*Produced; \*Sold; \*Spilled or Lost; \*Flared or Vented; \*Used on Lease; \*Injected; \*Surface Pits; \*Other (Identify); \*On hand, End of Month; \*API Gravity/BTU Content.

Authorized Signature: Melba Knippling Address: Box 1600, Midland, Texas 79702 Title: Proration Specialist Page 1 of 1

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

MONTHLY REPORT  
OF  
OPERATIONS

Lease No. N.A.  
Communitization Agreement No. N.A.  
Field Name Wildcat  
Unit Name Crooked Canyon Unit  
Participating Area Non-Participating  
County Uintah State Utah  
Operator Exxon Corporation  
 Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of November, 19 77

(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
<b>CROOKED CANYON UNIT</b>									
1	Sec. 20 NW/NE	14S	23E	Drg	None	None	None	None	11-16-77, perf 9016-9142', acid. 16 1/2 hr test at rate of 108 MCF/D. 11-30-77 24 hr tst 27 MCF/D, no fluid, Testing
<b>CONFIDENTIAL</b>									
Orig + lcc:		U.S.G.S. P.O. Box 2859, Casper, Wyoming 82602, Attn: Area Oil & Gas Supervisor							
2cc:		Department of Natural Resources, Division of Oil, Gas, & Mining 1588 West North Temple, Salt Lake City, Utah 84116							
lcc:		Exxon Company, U.S.A., Box 120, Denver, Colorado 80201							
lcc:		Drilling Section							
lcc:		Proration Specialist							
lcc:		Central File							



\*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	None	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	None	383	None
*Sold	None	None	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	None	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	383	XXXXXXXXXXXXXXXXXX
*Used on Lease	None	None	XXXXXXXXXXXXXXXXXX
*Injected	None	None	None
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	None
*Other (Identify)	None	None	None
*On hand, End of Month	None	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	None	None	XXXXXXXXXXXXXXXXXX

Authorized Signature: Melba L. Lippeling Address: Box 1600, Midland, Texas 79702  
Title: Proration Specialist Page 1 of 1

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

MONTHLY REPORT  
OF  
OPERATIONS

Lease No. N.A.  
Communitization Agreement No. N.A.  
Field Name Wildcat  
Unit Name Crooked Canyon Unit  
Participating Area Non-Participating  
County Uintah State Utah  
Operator Exxon 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 77

(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
<b>CROOKED CANYON UNIT</b>									
<i>Copy</i> 1	Sec. 20 NW/NE	14S	23E	Drig.	None	None	None	None	Testing 3/4" ck. at daily rate of 14.3 to 15.7 MCF Testing
Orig. + lcc:	U.S.G.S., P.O. Box 2859, Casper, Wyoming 82602, Attn: Area Oil & Gas Supervisor								
2cc:	Department of Natural Resources, Division of Oil, Gas & Mining 1588 West North Temple, Salt Lake City, Utah 84116								
lcc:	Exxon Company, U.S.A., Box 120, Denver, Colorado 80201								
lcc:	Drilling Section								
lcc:	Proration Specialist								
lcc:	Central File								

\*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	None	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	None	347	None
*Sold	None	None	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	None	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	347	XXXXXXXXXXXXXXXXXX
*Used on Lease	None	None	XXXXXXXXXXXXXXXXXX
*Injected	None	None	None
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	None
*Other (Identify)	None	None	None
*On hand, End of Month	None	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	None	None	XXXXXXXXXXXXXXXXXX

Authorized Signature: Melba Knippling Address: P.O. Box 1600, Midland, TX 79702  
Title: Proration Specialist Page 1 of 1

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE  
(Other instructions on re-  
verse side)

Form approved,  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-10182

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
Exxon Corporation

3. ADDRESS OF OPERATOR  
P. O. Box 1600, Midland, Texas 79702

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

660' FNL & 1,976' FEL of Sec. 20



7. UNIT AGREEMENT NAME  
Crooked Canyon Unit

8. FARM OR LEASE NAME  
Crooked Canyon Unit

9. WELL NO.  
1

10. FIELD AND POOL, OR WILDCAT  
Wildcat

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

Sec. 20, T14S, R23E

14. PERMIT NO.

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

Gr. 7007'

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	Suspend Operations <input checked="" type="checkbox"/>

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	Suspend Operations <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.)\*

Tested perforations 9016-9142. Well was shut-in on January 12, 1978. It will be determined whether additional work will be done on the above well after work on other wells in the area has been completed.

- Orig & 2 cc: U. S. G. S., 8440 Federal Building, Salt Lake City, Utah 84138
- 2 cc: State of Utah, Division of Oil and Gas Conservation, 1588 West North Temple, Salt Lake City, Utah 84116
- 1 cc: Western Division Exploration, Denver, Colorado 80201
- 1 cc: Proration Specialist
- 1 cc: Drilling Section
- 1 cc: Central File

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING

DATE: Jan 19 1978

BY: [Signature]

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

SIGNED Melba Kripling

TITLE Proration Specialist

DATE 1-16-78

(This space for Federal or State office use)

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

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

*Conf.*

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  
Exxon Corporation

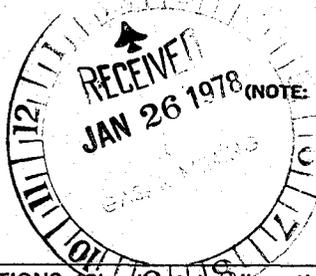
3. ADDRESS OF OPERATOR  
P.O. Box 1600, Midland, Texas 79702

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 660' FNL & 1976' FEL of Sec. 20  
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         
FRACTURE TREAT         
SHOOT OR ACIDIZE         
REPAIR WELL         
PULL OR ALTER CASING         
MULTIPLE COMPLETE         
CHANGE ZONES         
ABANDON\*         
(other) Suspend Operations



5. LEASE U-10182
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME Crooked Canyon Unit
8. FARM OR LEASE NAME Crooked Canyon Unit
9. WELL NO. 1
10. FIELD OR WILDCAT NAME Wildcat
11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA Sec. 20, T14S, R23E
12. COUNTY OR PARISH Uintah
13. STATE Utah
14. API NO. 43-047-30271
15. ELEVATIONS (SHOW DF, KDB, AND WD) GR 7007'

(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.)\*

Well was drilled to a total depth of 9728'. 5-1/2" casing was set at 9725' and cemented with 750 sx. Class "G" cement. Well was perforated from 9016-9024, 9075-9108 and 9134-9142 with 1 shot per foot. Well is equipped for production with tubing set on a packer at 8469'. Well is presently shut-in at surface. Well has gas and possibly some water in the wellbore. Well is capable of producing approximately 15 MCF per day.

Well was shut-in on January 12, 1978. It will be determined whether additional work will be done on the above well after work on other wells in the area has been completed.

Subsurface Safety Valve: Manu. and Type None Ft.

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

SIGNED Melba Knippling TITLE Proration Specialist DATE January 23, 1978

(This space for Federal or State office use)

APPROVED BY Commission of Oil, Gas, and Mining TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_  
cc: U.S.G.S., 8440 Federal Building, Salt Lake City, Utah 84138  
cc: State of Utah, 1588 West North Temple, Salt Lake City, Utah 84116  
cc: Proration Specialist

DATE: Jan 26, 1978  
BY: Ph Ince

**CONFIDENTIAL**

Mike

CIRCULATE TO:

- DIRECTOR
- PETROLEUM ENGINEER
- MINE COORDINATOR
- ADMINISTRATIVE ASSISTANT
- ALL

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



RETURN TO \_\_\_\_\_ FOR FILING REPORT OF WATER ENCOUNTERED DURING DRILLING  
 \* \* \* \* \*

Well Name and Number Crooked Canyon Unit Well No. 1

Operator Exxon Corporation

Address P.O. Box 1600, Midland, Texas 79702

Contractor Pease Bros., Inc.

Address 120 E. Main, Vernal, Utah 84078

Location NW 1/4, NE 1/4, Sec. 20; T. 14 <sup>S</sup>; R. 23 <sup>E</sup>; Uintah County

Water Sands:

From-	Depth:	To-	Volume:	Quality:
			Flow Rate or Head -	Fresh or Salty -
1.	<u>Surface - 1250'</u>		<u>EST. 0.2 B/D/Ft. of Sd.</u>	<u>Fresh - Mod. Salty</u>
2.	<u>1250' - 5100'</u>		<u>EST. Approx. the same or somewhat less</u>	<u>Mod. Salty - Salty</u>
3.	<u>9000' - 9730' (TD)</u>		<u>Little or no natural flow</u>	<u>Salty</u>
4.				
5.				

(Continue on Reverse Side if Necessary)

Formation Tops:

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

Release date: 4-28-78

CONFIDENTIAL

2

Form 9-330 (Rev. 5-63)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

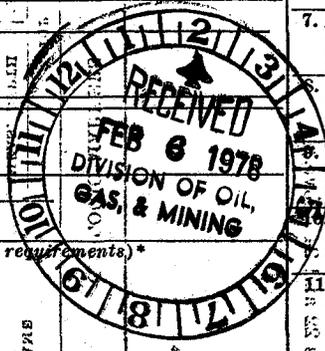
SUBMIT IN DUPLICATE

(See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL [ ] GAS WELL [X] DRY [ ] Other [ ]
b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other [ ]
2. NAME OF OPERATOR: Exxon Corporation
3. ADDRESS OF OPERATOR: P.O. Box 1600, Midland, Texas 79702
4. LOCATION OF WELL: At surface 660' FNL & 1976' FEL Sec. 20
14. PERMIT NO. DATE ISSUED: 6-3-77
12. COUNTY OR PARISH: Uintah
13. STATE: Utah



15. DATE SPUNDED: 7-29-77
16. DATE T.D. REACHED: 9-28-77
17. DATE COMPL. (Ready to prod.): (SI) (U.A.)
18. ELEVATIONS (DE, REB, RT, GR, ETC.): RKB 7022'; GR 7007'
19. ELEV. CASING HEAD: 7007'
20. TOTAL DEPTH, MD & TVD: 9728'
21. PLUG BACK T.D., MD & TVD: 9291'
22. IF MULTIPLE COMPL. HOW MANY: Single
23. INTERVALS DRILLED BY: ROTARY TOOLS 0-9728'
24. PRODUCING INTERVAL(S): Dakota 9016'-9142'
25. WAS DIRECTIONAL SURVEY MADE: No
26. TYPE ELECTRIC AND OTHER LOGS RUN: DIL, CNL-FDC, Sonic
27. WAS WELL CORED: Yes

Table with 4 columns: CASING SIZE, WEIGHT, LB./FT., DEPTH SET (MD), HOLE SIZE, CEMENTING RECORD, AMOUNT PULLED. Rows include 9-5/8" casing, 1534' depth, 12-1/4" hole size, 530 sx Class "G" cement.

Table with 3 columns: SIZE, DEPTH SET (MD), PACKER SET (MD). Row: None, 8924', 8924'.

Table with 2 columns: PERFORATION RECORD (Interval, size, and number) and ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. Rows include perforation intervals from 9469'-9476' to 9134'-9142' and acid treatments.

33. PRODUCTION: DATE FIRST PRODUCTION 11-17-77, PRODUCTION METHOD Gas Well, WELL STATUS shut in.
33.\* TEST RESULTS: DATE OF TEST 1-12-78, HOURS TESTED 24, CHOKER SIZE 3/4", PROD'N. FOR TEST PERIOD 0, OIL-BBL. 0, GAS-MCF. 14.3, WATER-BBL. 0, GAS-OIL RATIO ---.

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): Vented, SI, Held for future testing

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 Melba Knippling, TITLE Proration Specialist, DATE 1-31-78

\*(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 83, 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 83.

**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.)

INFORMATION		TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	MEAS. DEPTH	THRU VERT. DEPTH
Green River (Wasatch)	Surface	3062'	3062'	Sand & Shale - Water	3062'	
Mesa Verde	3062'	5835'	5122'	Sand & Shale - Water	5122'	
Mancos	5835'	8956'	6055'	Sand, Shale, & Siltstone - Water	8956'	
Dakota	8956'	9467'	9200'	Sand & Shale - Gas & Water	9200'	
Morrison	9467'	9715'	9477'	Sand & Shale - Gas & Water	9477'	
Entrada	9715'		9730'	Sand & Shale - Water	9715'	
Mancos	5715'		6000'	Open 10 min, SI 160, Open 120, SI 240. Pipe recovered 150' mud, chamber recovered 0.58 cfg. IHP 2831#, IDP 71-99# ISIP 194, FFP 104-107#, FSIP 211#, FHP 2836		
	9135'		9143'	Core #1 (8 feet) Barrel jammed, no additional core. Recovered 3' siltstone, and 5' shale.		

**37. SUMMARY OF POROUS ZONES:**  
 SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS AND ALL DRILL-STEM TESTS, INCLUDING: (1) DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

**38. GEOLOGIC MARKERS**

**39. NAME**

**40. MEAS. DEPTH**

**41. THRU VERT. DEPTH**

**42. TYPE OF COMPLETION:**  
 NEW WORK  BACK  DEEP-  PLUG  PERM

**43. NAME OF OPERATOR**  
 Exxon Corporation

**44. ADDRESS OF OPERATOR**  
 P.O. Box 1600, Midland, Texas 79702

**45. LOCATION OF WELL (Report location clearly and in accordance with State regulations)**  
 660' ENL & 1976' FEL Sec. 20

**46. A top prod. interval reported below**

**47. A total depth**

**48. A log of well**

**49. A log of completion**

**50. A log of test**

**51. A log of pressure**

**52. A log of geology**

**53. A log of core**

**54. A log of cement**

**55. A log of logs**

**56. A log of surveys**

**57. A log of tests**

**58. A log of completions**

**59. A log of production**

**60. A log of other**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form 9-329 Rev. Feb 76  
OMB 42-R0356

MONTHLY REPORT  
OF  
OPERATIONS

Lease No. NA  
Communitization Agreement No. NA  
Field Name NA  
Unit Name Crooked Canyon  
Participating Area NA  
County Uintah State Utah  
Operator Exxon Corporation

Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of April, 1978

(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
CROOKED CANYON UNIT									
1	Sec. 20 NW/NE	14S	23E	TA	None	None	None	None	Well SI for Evaluation
Orig. & lcc:	USGS, P.O. Box 2859, Casper, Wyoming 82602 Attn: Area Oil & Gas Supervisor								
2cc:	Department of Natural Resources, Division of Oil, Gas & Mining 1588 West North Temple, Salt Lake City, Utah 84116								
✓ lcc:	Proration Specialist								
lcc:	Exxon Company, USA, P.O. Box 120, Denver, Colorado 80201								
lcc:	Drilling Section								
lcc:	Central File								

\*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	None	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	None	None	None
*Sold	None	None	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	None	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	None	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	None	None	XXXXXXXXXXXXXXXXXXXX
*Injected	None	None	None
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	None
*Other (Identify)	None	None	None
*On hand, End of Month	None	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	None	None	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: Melba Kripling

Address: P.O. Box 1600; Midland, TX 79702

Title: Proration Specialist

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

MONTHLY REPORT  
OF  
OPERATIONS

Lease No. NA  
Communitization Agreement No. NA  
Field Name NA  
Unit Name Crooked Canyon  
Participating Area NA  
County Utah State Utah  
Operator Exxon Corporation  
 Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of June, 19 78

(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
<b>CROOKED CANYON UNIT</b>									
1	Sec 20 NW/NE	14S	23E	TA	None	None	None	None	Well SI for Evaluation
Orig. & lcc:		USGS. P. O. Box 2859, Casper, Wyoming 82602							
		Attn: Area Oil & Gas Supervisor							
2cc:		Department of Natural Resources, Division of Oil, Gas & Mining							
		1588 West North Temple, Salt Lake City, Utah 84116							
lcc:		Exxon Company, USA, P. O. Box 120, Denver, Colorado 80201							
lcc:		Proration Specialist							
lcc:		Drilling Section							
lcc:		Central File							

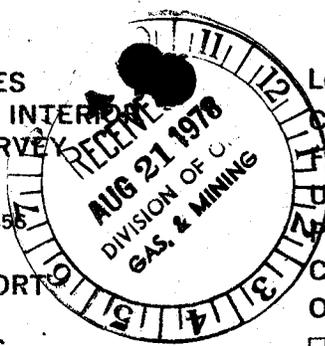
\*If none, so state.

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

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	None	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	None	None	None
*Sold	None	None	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	None	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	None	XXXXXXXXXXXXXXXXXX
*Used on Lease	None	None	XXXXXXXXXXXXXXXXXX
*Injected	None	None	None
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	None
*Other (Identify)	None	None	None
*On hand, End of Month	None	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	None	None	XXXXXXXXXXXXXXXXXX

Authorized Signature: Melba Krupling Address: P. O. Box 1600, Midland, TX 79702  
Title: Proration Specialist Page 1 of 1

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
(FORM 9-329)  
(2/76)  
OMB 42-RO 355



Lease No. NA  
Communitization Agreement No. NA  
Field Name NA  
Unit Name Crooked Canyon  
Participating Area NA  
County Utah State Utah  
Operator Exxon Corporation  
 Amended Report

MONTHLY REPORT  
OF  
OPERATIONS

The following is a correct report of operations and production (including status of all unplugged wells) for the month of July, 19 78

(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
<b>CROOKED CANYON UNIT</b>									
1	Sec. 20 NW/NE	14S	23E	TA	None	None	None	None	Well SI for evaluation.
Orig. & 1 cc: USGS, P. O. Box 2859, Casper, Wyoming 82602 Attn: Area Oil & Gas Supervisor 2 cc: Department of Natural Resources, Division of Oil, Gas & Mining 1588 West North Temple, Salt Lake City, Utah 84116 1 cc: Exxon Company, U.S.A., P. O. Box 120, Denver, Colorado 80201 1 cc: Proration Specialist 1 cc: Drilling Section 1 cc: Central File									

\*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	None	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	None	None	None
*Sold	None	None	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	None	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	None	XXXXXXXXXXXXXXXXXX
*Used on Lease	None	None	XXXXXXXXXXXXXXXXXX
*Injected	None	None	None
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	None
*Other (Identify)	None	None	None
*On hand, End of Month	None	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	None	None	XXXXXXXXXXXXXXXXXX

Authorized Signature: Melba Knippling Address: P. O. Box 1600, Midland, TX 79702  
 Title: Proration Specialist Page 1 of 1

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

MONTHLY REPORT  
OF  
OPERATIONS

Lease No. \_\_\_\_\_  
Communitization Agreement No. NA  
Field Name NA  
Unit Name CROOKED CANYON  
Participating Area NA  
County UINTAH State UTAH  
Operator EXXON CORPORATION  
 Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of August, 19 78

(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	*Barrel of Water	Remarks
<u>CROOKED CANYON UNIT</u>									
1	Sec. 20 NW/NE	14S	23E	TA	None	None	None	None	Prep to P&A.
Orig	& 1 cc:	USGS, P. O. Box 2859, Casper, Wyoming 82602 Attn: Area Oil & Gas Supervisor							
	2 cc:	Department of Natural Resources, Division of Oil, Gas & Mining 1588 West North Temple, Salt Lake City, Utah 84116							
	1 cc:	Exxon Company, U.S.A., P. O. Box 120, Denver, Colorado 80201							
	1 cc:	Proration Specialist							
	1 cc:	Drilling Section							
	1 cc:	Central File							

\*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	None	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	None	None	None
*Sold	None	None	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	None	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	None	XXXXXXXXXXXXXXXXXX
*Used on Lease	None	None	XXXXXXXXXXXXXXXXXX
*Injected	None	None	None
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	None
*Other (Identify)	None	None	None
*On hand, End of Month	None	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	None	None	XXXXXXXXXXXXXXXXXX

Authorized Signature: Melba Knippling Address: P. O. Box 1600, Midland, TX 79702  
Title: Proration Specialist Page 1 of 1

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  
Exxon Corporation

3. ADDRESS OF OPERATOR  
P. O. Box 1600, Midland, Texas

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 660' FNL & 1976' FEL Sec. 20  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

5. LEASE  
U-10182

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
-

7. UNIT AGREEMENT NAME  
Crooked Canyon Unit

8. FARM OR LEASE NAME  
Crooked Canyon Unit

9. WELL NO.  
1

10. FIELD OR WILDCAT NAME  
Wildcat

11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA  
Sec. 20, T14S, R23E

12. COUNTY OR PARISH  
Utah

13. STATE  
Utah

14. API NO.  
42-047-30271

15. ELEVATIONS (SHOW DEPTH AND WD)  
RKR 7022 GR 7007

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

(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.)\*

- 9-9-78 Set plug #1, 9150-8900 w/30 sx Class G cement with 0.2% HR-C. Set plug #2, 7800-7600 w/25 sx Class G cement with 0.2% HR-C.
- 9-12-78 Cut 5 1/2" casing at 5500' and 3250' and failed to move each time. Set plug #3, 3250-3042 w/75 sx class G Neat 15.8% slurry. Cut 5 1/2" casing @1650. Pipe free. Pulled 5 1/2" casing.
- 9-13-78 Set plug #4, 1650-1445 w/75 sx class G w/2% calc @15.8% per gallon. Top plug @1445'. Well P&A on 9-13-78. Well returned over to BLM. Location cleaned up.

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

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

SIGNED Melba Knippling TITLE Proration Specialist DATE October 6, 1978

(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

**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  
Exxon Corporation

3. ADDRESS OF OPERATOR  
P. O. Box 1600, Midland, TX 79702

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 660' FNL and 1976' FEL of Section  
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 checked="" type="checkbox"/>
(other) _____	

5. LEASE  
U-10182

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
---

7. UNIT AGREEMENT NAME  
Crooked Canyon Unit

8. FARM OR LEASE NAME  
Crooked Canyon Unit

9. WELL NO.  
1

10. FIELD OR WILDCAT NAME  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 20, T14S, R23E

12. COUNTY OR PARISH  
Uintah

13. STATE  
Utah

14. API NO.  
42-047-30271

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
GR 7007'

(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.)\*

Location has been cleaned up and rehabilitation has been done as required.  
The location is ready for inspection.

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

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

SIGNED Nelva Kripleng TITLE Unit Head DATE February 12, 1982

(This space for Federal or State office use)

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