

EXXON

U.S. GEOLOGICAL SURVEY  
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CASPER, WYOMING

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UNIT AGREEMENT  
FOR THE DEVELOPMENT AND OPERATION  
OF THE  
CROOKED CANYON UNIT AREA  
COUNTY OF JINTAH  
STATE OF UTAH

NO. 11th March 1977

THIS AGREEMENT, entered into as of the 11th day of March 1977, by and between the parties subscribing, ratifying, or consenting hereto, and herein referred to as the "parties hereto,"

WITNESSETH:

WHEREAS the parties hereto are the owners of working, royalty, or other oil and gas interests in the unit area subject to this agreement; and

WHEREAS the Mineral Leasing Act of February 25, 1920, 41 Stat. 437, as amended, 30 U.S.C. Secs. 181 et seq., authorizes Federal lessees and their representatives to unite with each other, or jointly or separately with others, in collectively adopting and operating a cooperative or unit plan of development or operation of any oil or gas pool, field, or like area, or any part thereof for the purpose of more properly conserving the natural resources thereof whenever determined and certified by the Secretary of the Interior to be necessary or advisable in the public interest; and

WHEREAS the parties hereto hold sufficient interests in the CROOKED CANYON Unit Area covering the land hereinafter described to give reasonably effective control of operations therein; and

WHEREAS it is the purpose of the parties hereto to conserve natural resources, prevent waste, and secure other benefits obtainable through development and operation of the area subject to this agreement under the terms, conditions, and limitations herein set forth;

NOW, THEREFORE, in consideration of the premises and the promises herein contained, the parties hereto commit to this agreement their respective interests in the below-defined unit area, and agree severally among themselves as follows:

1. ENABLING ACT AND REGULATIONS. The Mineral Leasing Act of February 25, 1920, as amended, supra, and all valid pertinent regulations, including operating and unit plan regulations, heretofore issued thereunder or valid, pertinent, and reasonable regulations hereafter issued thereunder are accepted and made a part of this agreement as to Federal lands, provided such regulations are not inconsistent with the terms of this agreement; and as to non-Federal lands, the oil and gas operating regulations in effect as of the effective date hereof governing drilling and producing operations, not inconsistent with the terms hereof or the laws of the State in which the non-Federal land is located, are hereby accepted and made a part of this agreement.

2. UNIT AREA. The area specified on the map attached hereto marked Exhibit A is hereby designated and recognized as constituting the unit area, containing 25,367.52 acres, more or less.

Exhibit A shows, in addition to the boundary of the unit area, the boundaries and identity of tracts and leases in said area to the extent known to the Unit Operator. Exhibit B attached hereto is a schedule showing to the extent known to the Unit Operator the acreage, percentage, and kind of ownership of oil and gas interests in all land in the unit area. However, nothing herein or in said schedule or map shall be construed as a representation by any party hereto as to the ownership of any interest other than such interest or interests as are shown in said map or schedule as owned by such party. Exhibits A and B shall be revised by the Unit Operator whenever changes in the unit area render such revision necessary, or when requested by the Oil and Gas Supervisor, hereinafter referred to as "Supervisor" and not less than five copies of the revised exhibits shall be filed with the Supervisor.

The above-described unit area shall when practicable be expanded to include therein any additional lands or shall be contracted to exclude lands whenever such expansion or contraction is deemed to be necessary or advisable to conform with the purposes of this agreement. Such expansion or contraction shall be effected in the following manner:

(a) Unit Operator, on its own motion or on demand of the Director of the Geological Survey, hereinafter referred to as "Director," after preliminary concurrence by the Director, shall prepare a notice of proposed expansion or contraction describing the contemplated changes in the boundaries of the unit area, the reasons therefor, and the proposed effective date thereof, preferably the first day of a month subsequent to the date of notice.

(b) Said notice shall be delivered to the Supervisor, and copies thereof mailed to the last known address of each working interest owner, lessee, and lessor whose interests are affected, advising that 30 days will be allowed for submission to the Unit Operator of any objections.

(c) Upon expiration of the 30-day period provided in the preceding item (b) hereof, Unit Operator shall file with the Supervisor evidence of mailing of the notice of expansion or contraction and a copy of any objections thereto which have been filed with the Unit Operator, together with an application in sufficient number, for approval of such expansion or contraction and with appropriate joinders.

(d) After due consideration of all pertinent information, the expansion or contraction shall, upon approval by the Supervisor, become effective as of the date prescribed in the notice thereof.

(e) All legal subdivisions of lands (i.e., 40 acres by Government survey or its nearest lot or tract equivalent; in instances of irregular surveys unusually large lots or tracts shall be considered in multiples of 40 acres or the nearest aliquot equivalent thereof), no parts of which are entitled to be in a participating area on or before the fifth anniversary of the effective date of the first initial participating area established under this unit agreement, shall be eliminated automatically from this agreement, effective as of said fifth anniversary, and such lands shall no longer be a part of the unit area and shall no longer be subject to this agreement, unless diligent drilling operations are in progress on unitized lands not entitled to participation on said fifth anniversary, in which event all such lands shall remain subject hereto for so long as such drilling operations are continued diligently, with not more than 90 days' time elapsing between the completion of one such well and the commencement of the next such well. All legal subdivisions of lands not entitled to be in a participating area within 10 years after the effective date of the first initial participating area approved under this agreement shall be automatically eliminated from this agreement as of said tenth anniversary. All lands proved productive by diligent drilling operations after the aforesaid 5-year period shall become participating in the same manner as during said 5-year period. However, when such diligent drilling operations cease, all nonparticipating lands shall be automatically eliminated effective as of the 91st day thereafter. The unit operator shall within 90 days after the effective date of any elimination hereunder, describe the area so eliminated to the satisfaction of the Supervisor and promptly notify all parties in interest.

If conditions warrant extension of the 10-year period specified in this subsection 2(e), a single extension of not to exceed 2 years may be accomplished by consent of the owners of 90% of the working interests in the current nonparticipating unitized lands and the owners of 60% of the basic royalty interests (exclusive of the basic royalty interests of the United States) in nonparticipating unitized lands with approval of the Director, provided such extension application is submitted to the Director not later than 60 days prior to the expiration of said 10-year period.

Any expansion of the unit area pursuant to this section which embraces lands theretofore eliminated pursuant to this subsection 2(e) shall not be considered automatic commitment or recommitment of such lands.

1 3. UNITIZED LAND AND UNITIZED SUBSTANCES. All land committed to this agreement shall constitute land re-  
 2 ferred to herein as "unitized land" or "land subject to this agreement." All oil and gas in any and all formations of the unitized  
 3 land are unitized under the terms of this agreement and herein are called "unitized substances."

4 4. UNIT OPERATOR. EXXON CORPORATION is hereby designated as  
 5 Unit Operator and by signature hereto as Unit Operator agrees and consents to accept the duties and obligations of Unit Opera-  
 6 tor for the discovery, development, and production of unitized substances as herein provided. Whenever reference is made herein  
 7 to the Unit Operator, such reference means the Unit Operator acting in that capacity and not as an owner of interest in unitized  
 8 substances, and the term "working interest owner" when used herein shall include or refer to Unit Operator as the owner of a  
 9 working interest when such an interest is owned by it.

10 5. RESIGNATION OR REMOVAL OF UNIT OPERATOR. Unit Operator shall have the right to resign at any time  
 11 prior to the establishment of a participating area or areas hereunder, but such resignation shall not become effective so as to re-  
 12 lease Unit Operator from the duties and obligations of Unit Operator and terminate Unit Operator's rights as such for a period  
 13 of 6 months after notice of intention to resign has been served by Unit Operator on all working interest owners and the Super-  
 14 visor, and until all wells then drilled hereunder are placed in a satisfactory condition for suspension or abandonment whichever  
 15 is required by the Supervisor, unless a new Unit Operator shall have been selected and approved and shall have taken over and  
 16 assumed the duties and obligations of Unit Operator prior to the expiration of said period.

17 Unit Operator shall have the right to resign in like manner and subject to like limitations as above provided at any time  
 18 a participating area established hereunder is in existence, but, in all instances of resignation or removal, until a successor Unit  
 19 Operator is selected and approved as hereinafter provided, the working interest owners shall be jointly responsible for performance  
 20 of the duties of Unit Operator, and shall not later than 30 days before such resignation or removal becomes effective appoint a  
 21 common agent to represent them in any action to be taken hereunder.

22 The resignation of Unit Operator shall not release Unit Operator from any liability for any default by it hereunder occurring  
 23 prior to the effective date of its resignation.

24 The Unit Operator may, upon default or failure in the performance of its duties or obligations hereunder, be subject to re-  
 25 moval by the same percentage vote of the owners of working interests as herein provided for the selection of a new Unit Opera-  
 26 tor. Such removal shall be effective upon notice thereof to the Supervisor.

27 The resignation or removal of Unit Operator under this agreement shall not terminate its right, title, or interest as the owner  
 28 of a working interest or other interest in unitized substances, but upon the resignation or removal of Unit Operator becoming  
 29 effective, such Unit Operator shall deliver possession of all wells, equipment, materials, and appurtenances used in conducting the  
 30 unit operations to the new duly qualified successor Unit Operator or to the common agent, if no such new Unit Operator is  
 31 elected, to be used for the purpose of conducting unit operations hereunder. Nothing herein shall be construed as authorizing  
 32 removal of any material, equipment and appurtenances needed for the preservation of any wells.

33 6. SUCCESSOR UNIT OPERATOR. Whenever the Unit Operator shall tender his or its resignation as Unit Operator or  
 34 shall be removed as hereinabove provided, or a change of Unit Operator is negotiated by working interest owners, the owners of  
 35 the working interests in the participating area or areas according to their respective acreage interests in such participating area  
 36 or areas, or, until a participating area shall have been established, the owners of the working interests according to their respec-  
 37 tive acreage interests in all unitized land, shall by majority vote select a successor Unit Operator: Provided, That, if a majority  
 38 but less than 75 per cent of the working interests qualified to vote are owned by one party to this agreement, a concurring vote  
 39 of one or more additional working interest owners shall be required to select a new operator. Such selection shall not become ef-  
 40 fective until

- 41 (a) a Unit Operator so selected shall accept in writing the duties and responsibilities of Unit Operator, and  
 42 (b) the selection shall have been approved by the Supervisor.

43 If no successor Unit Operator is selected and qualified as herein provided, the Director at his election may declare this unit  
 44 agreement terminated.

45 7. ACCOUNTING PROVISIONS AND UNIT OPERATING AGREEMENT. If the Unit Operator is not the sole owner  
 46 of working interests, costs and expenses incurred by Unit Operator in conducting unit operations hereunder shall be paid and  
 47 apportioned among and borne by the owners of working interests, all in accordance with the agreement or agreements entered  
 48 into by and between the Unit Operator and the owners of working interests, whether one or more, separately or collectively. Any  
 49 agreement or agreements entered into between the working interest owners and the Unit Operator as provided in this section,  
 50 whether one or more, are herein referred to as the "unit operating agreement." Such unit operating agreement shall also provide  
 51 the manner in which the working interest owners shall be entitled to receive their respective proportionate and allocated share of  
 52 the benefits accruing hereto in conformity with their underlying operating agreements, leases, or other independent contracts, and  
 53 such other rights and obligations as between Unit Operator and the working interest owners as may be agreed upon by Unit  
 54 Operator and the working interest owners; however, no such unit operating agreement shall be deemed either to modify any of  
 55 the terms and conditions of this unit agreement or to relieve the Unit Operator of any right or obligation established under this  
 56 unit agreement, and in case of any inconsistency or conflict between this unit agreement and the unit operating agreement, this  
 57 unit agreement shall govern. Three true copies of any unit operating agreement executed pursuant to this section should be filed  
 58 with the Supervisor, prior to approval of this unit agreement.

59 8. RIGHTS AND OBLIGATIONS OF UNIT OPERATOR. Except as otherwise specifically provided herein, the exclusive  
 60 right, privilege, and duty of exercising any and all rights of the parties hereto which are necessary or convenient for prospecting  
 61 for, producing, storing, allocating, and distributing the unitized substances are hereby delegated to and shall be exercised by the  
 62 Unit Operator as herein provided. Acceptable evidence of title to said rights shall be deposited with said Unit Operator and, to-  
 63 gether with this agreement, shall constitute and define the rights, privileges, and obligations of Unit Operator. Nothing herein,  
 64 however, shall be construed to transfer title to any land or to any lease or operating agreement, it being understood that under  
 65 this agreement the Unit Operator, in its capacity as Unit Operator, shall exercise the rights of possession and use vested in the  
 66 parties hereto only for the purposes herein specified.

67 9. DRILLING TO DISCOVERY. Within 6 months after the effective date hereof, the Unit Operator shall begin to drill an  
 68 adequate test well at a location approved by the Supervisor, unless on such effective date a well is being drilled conformably with  
 69 the terms hereof, and thereafter continue such drilling diligently until the.....upper 150 feet of the Dakota.....  
 70 formation has been tested or until at a lesser depth unitized substances shall be discovered which can be produced in paying  
 71 quantities (to wit: quantities sufficient to repay the costs of drilling, completing, and producing operations, with a reasonable prof-  
 72 it) or the Unit Operator shall at any time establish to the satisfaction of the Supervisor that further drilling of said well would be  
 73 unwarranted or impracticable, provided, however, that Unit Operator shall not in any event be required to drill said well to a  
 74 depth in excess of.....8,800.....feet. Until the discovery of a deposit of unitized substances capable of being produced in  
 75 paying quantities, the Unit Operator shall continue drilling one well at a time, allowing not more than 6 months between the com-  
 76 pletion of one well and the beginning of the next well, until a well capable of producing unitized substances in paying quantities  
 77 is completed to the satisfaction of said Supervisor or until it is reasonably proved that the unitized land is incapable of producing  
 78 unitized substances in paying quantities in the formations drilled hereunder. Nothing in this section shall be deemed to limit the  
 79 right of the Unit Operator to resign as provided in Section 5, hereof, or as requiring Unit Operator to commence or continue any  
 80 drilling during the period pending such resignation becoming effective in order to comply with the requirements of this section.  
 81 The Supervisor may modify the drilling requirements of this section by granting reasonable extensions of time when, in his opin-  
 82 ion, such action is warranted.

1        Upon failure to commence any well provided for in this section within the time allowed, including any extension of time  
2 granted by the Supervisor, this agreement will automatically terminate; upon failure to continue drilling diligently any well com-  
3 menced hereunder, the Supervisor may, after 15-days notice to the Unit Operator, declare this unit agreement terminated.

4        10. PLAN OF FURTHER DEVELOPMENT AND OPERATION. Within 6 months after completion of a well capable of  
5 producing unitized substances in paying quantities, the Unit Operator shall submit for the approval of the Supervisor an accept-  
6 able plan of development and operation for the unitized land which, when approved by the Supervisor, shall constitute the further  
7 drilling and operating obligations of the Unit Operator under this agreement for the period specified therein. Thereafter, from  
8 time to time before the expiration of any existing plan, the Unit Operator shall submit for the approval of the Supervisor a plan  
9 for an additional specified period for the development and operation of the unitized land.

10       Any plan submitted pursuant to this section shall provide for the exploration of the unitized area and for the diligent drilling  
11 necessary for determination of the area or areas thereof capable of producing unitized substances in paying quantities in each and  
12 every productive formation and shall be as complete and adequate as the Supervisor may determine to be necessary for timely  
13 development and proper conservation of the oil and gas resources of the unitized area and shall:

14       (a) specify the number and locations of any wells to be drilled and the proposed order and time for such drilling; and

15       (b) to the extent practicable specify the operating practices regarded as necessary and advisable for proper conservation of  
16 natural resources.

17       Separate plans may be submitted for separate productive zones, subject to the approval of the Supervisor.

18       Plans shall be modified or supplemented when necessary to meet changed conditions or to protect the interests of all parties  
19 to this agreement. Reasonable diligence shall be exercised in complying with the obligations of the approved plan of development.  
20 The Supervisor is authorized to grant a reasonable extension of the 6-month period herein prescribed for submission of an initial  
21 plan of development where such action is justified because of unusual conditions or circumstances. After completion hereunder of  
22 a well capable of producing any unitized substance in paying quantities, no further wells, except such as may be necessary to  
23 afford protection against operations not under this agreement and such as may be specifically approved by the Supervisor, shall  
24 be drilled except in accordance with a plan of development approved as herein provided.

25       11. PARTICIPATION AFTER DISCOVERY. Determination as to whether or not a well complet-  
ed within the unit area prior to the effective date of this agreement is capable of pro-  
ducing unitized substances in paying quantities shall be deferred until an initial partic-  
ipating area is established as a result of the completion of a well for production  
in paying quantities in accordance with Section 9 hereof.

25 ~~FOR DISCOVERY.~~ Upon completion of a well capable of producing unitized substances in pay-  
26 ing quantities or as soon thereafter as required by the Supervisor, the Unit Operator shall submit for approval by the Super-  
27 visor a schedule, based on subdivisions of the public-land survey or aliquot parts thereof, of all land then regarded as reasonably  
28 proved to be productive in paying quantities; all lands in said schedule on approval of the Supervisor to constitute a participat-  
29 ing area, effective as of the date of completion of such well or the effective date of this unit agreement, whichever is later. The  
30 acreages of both Federal and non-Federal lands shall be based upon appropriate computations from the courses and distances  
31 shown on the last approved public-land survey as of the effective date of each initial participating area. Said schedule shall also  
32 set forth the percentage of unitized substances to be allocated as herein provided to each tract in the participating area so estab-  
33 lished, and shall govern the allocation of production commencing with the effective date of the participating area. A separate  
34 participating area shall be established for each separate pool or deposit of unitized substances or for any group thereof which is  
35 produced as a single pool or zone, and any two or more participating areas so established may be combined into one, on ap-  
36 proval of the Supervisor. When production from two or more participating areas, so established, is subsequently found to be  
37 from a common pool or deposit said participating areas shall be combined into one effective as of such appropriate date as may  
38 be approved or prescribed by the Supervisor. The participating area or areas so established shall be revised from time to time,  
39 subject to like approval, to include additional land then regarded as reasonably proved to be productive in paying quantities or  
40 necessary for unit operations, or to exclude land then regarded as reasonably proved not to be productive in paying quantities  
41 and the schedule of allocation percentages shall be revised accordingly. The effective date of any revision shall be the first of the  
42 month in which is obtained the knowledge or information on which such revision is predicated, provided, however, that a more  
43 appropriate effective date may be used if justified by the Unit Operator and approved by the Supervisor. No land shall be ex-  
44 cluded from a participating area on account of depletion of the unitized substances, except that any participating area established  
45 under the provisions of this unit agreement shall terminate automatically whenever all completions in the formation on which the  
46 participating area is based are abandoned.

47 It is the intent of this section that a participating area shall represent the area known or reasonably estimated to be produc-  
48 tive in paying quantities; but, regardless of any revision of the participating area, nothing herein contained shall be construed as  
49 requiring any retroactive adjustment for production obtained prior to the effective date of the revision of the participating area.

50 In the absence of agreement at any time between the Unit Operator and the Supervisor as to the proper definition or redefini-  
51 tion of a participating area, or until a participating area has, or areas have, been established as provided herein, the portion of  
52 all payments affected thereby shall be impounded in a manner mutually acceptable to the owners of working interests and the  
53 Supervisor. Royalties due the United States shall be determined by the Supervisor and the amount thereof shall be deposited, as  
54 directed by the Supervisor, to be held as unearned money until a participating area is finally approved and then applied as  
55 earned or returned in accordance with a determination of the sum due as Federal royalty on the basis of such approved partici-  
56 pating area.

57 Whenever it is determined, subject to the approval of the Supervisor, that a well drilled under this agreement is not capable  
58 of production in paying quantities and inclusion of the land on which it is situated in a participating area is unwarranted, pro-  
59 duction from such well shall, for the purposes of settlement among all parties other than working interest owners, be allocated to  
60 the land on which the well is located unless such land is already within the participating area established for the pool or deposit  
61 from which such production is obtained. Settlement for working interest benefits from such a well shall be made as provided in  
62 the unit operating agreement.

63 12. ALLOCATION OF PRODUCTION. All unitized substances produced from each participating area established under  
64 this agreement, except any part thereof used in conformity with good operating practices within the unitized area for drilling,  
65 operating, camp and other production or development purposes, for repressuring or recycling in accordance with a plan of devel-  
66 opment approved by the Supervisor, or unavoidably lost, shall be deemed to be produced equally on an acreage basis from the  
67 several tracts of unitized land of the participating area established for such production and, for the purpose of determining any  
68 benefits accruing under this agreement, each such tract of unitized land shall have allocated to it such percentage of said produc-  
69 tion as the number of acres of such tract included in said participating area bears to the total acres of unitized land in said par-  
70 ticipating area, except that allocation of production hereunder for purposes other than for settlement of the royalty, overriding  
71 royalty, or payment out of production obligations of the respective working interest owners, shall be on the basis prescribed in  
72 the unit operating agreement whether in conformity with the basis of allocation herein set forth or otherwise. It is hereby agreed  
73 that production of unitized substances from a participating area shall be allocated as provided herein regardless of whether any  
74 wells are drilled on any particular part or tract of said participating area. If any gas produced from one participating area is  
75 used for repressuring or recycling purposes in another participating area, the first gas withdrawn from such last-mentioned par-  
76 ticipating area for sale during the life of this agreement shall be considered to be the gas so transferred until an amount equal to  
77 that transferred shall be so produced for sale and such gas shall be allocated to the participating area from which initially pro-  
78 duced as such area was last defined at the time of such final production.

79 13. DEVELOPMENT OR OPERATION OF NON-PARTICIPATING LAND OR FORMATIONS. Any party hereto owning  
80 or controlling the working interest in any unitized land having thereon a regular well location may with the approval of the  
81 Supervisor, at such party's sole risk, costs, and expense, drill a well to test any formation for which a participating area has not  
82 been established or to test any formation for which a participating area has been established if such location is not within said  
83 participating area, unless within 90 days of receipt of notice from said party of his intention to drill the well the Unit Operator  
84 elects and commences to drill such a well in like manner as other wells are drilled by the Unit Operator under this agreement.

1 If any well drilled as aforesaid by a working interest owner results in production such that the land upon which it is situ-  
 2 ated may properly be included in a participating area, such participating area shall be established or enlarged as provided in  
 3 this agreement and the well shall thereafter be operated by the Unit Operator in accordance with the terms of this agreement and  
 4 the unit operating agreement.

5 If any well drilled as aforesaid by a working interest owner obtains production in quantities insufficient to justify the inclu-  
 6 sion of the land upon which such well is situated in a participating area, such well may be operated and produced by the party  
 7 drilling the same subject to the conservation requirements of this agreement. The royalties in amount or value of production  
 8 from any such well shall be paid as specified in the underlying lease and agreements affected.

9 **14. ROYALTY SETTLEMENT.** The United States and any State and any royalty owner who is entitled to take in kind a  
 10 share of the substances now unitized hereunder shall hereafter be entitled to the right to take in kind its share of the unitized  
 11 substances, and Unit Operator, or the working interest owner in case of the operation of a well by a working interest owner as  
 12 herein provided for in special cases, shall make deliveries of such royalty share taken in kind in conformity with the applicable  
 13 contracts, laws, and regulations. Settlement for royalty interest not taken in kind shall be made by working interest owners re-  
 14 sponsible therefore under existing contracts, laws and regulations, or by the Unit Operator, on or before the last day of each  
 15 month for unitized substances produced during the preceding calendar month; provided, however, that nothing herein contained  
 16 shall operate to relieve the lessees of any land from their respective lease obligations for the payment of any royalties due under  
 17 their leases.

18 If gas obtained from lands not subject to this agreement is introduced into any participating area hereunder, for use in  
 19 repressuring, stimulation of production, or increasing ultimate recovery, in conformity with a plan of operations approved by the  
 20 Supervisor, a like amount of gas, after settlement as herein provided for any gas transferred from any other participating area  
 21 and with appropriate deduction for loss from any cause, may be withdrawn from the formation into which the gas is introduced,  
 22 royalty free as to dry gas, but not as to any products which may be extracted therefrom; provided that such withdrawal shall be  
 23 at such time as may be provided in the approved plan of operations or as may otherwise be consented to by the Supervisor as  
 24 conforming to good petroleum engineering practice; and provided further, that such right of withdrawal shall terminate on the  
 25 termination of this unit agreement.

26 Royalty due the United States shall be computed as provided in the operating regulations and paid in value or delivered in  
 27 kind as to all unitized substances on the basis of the amounts thereof allocated to unitized Federal land as provided herein at the  
 28 rates specified in the respective Federal leases, or at such lower rate or rates as may be authorized by law or regulation; pro-  
 29 vided, that for leases on which the royalty rate depends on the daily average production per well, said average production shall  
 30 be determined in accordance with the operating regulations as though each participating area were a single consolidated lease.

31 **15. RENTAL SETTLEMENT.** Rental or minimum royalties due on leases committed hereto shall be paid by working  
 32 interest owners responsible therefor under existing contracts, laws, and regulations, provided that nothing herein contained shall  
 33 operate to relieve the lessees of any land from their respective lease obligations for the payment of any rental or minimum royalty  
 34 due under their leases. Rental or minimum royalty for lands of the United States subject to this agreement shall be paid at the  
 35 rate specified in the respective leases from the United States unless such rental or minimum royalty is waived, suspended, or re-  
 36 duced by law or by approval of the Secretary or his duly authorized representative.

37 With respect to any lease on non-Federal land containing provisions which would terminate such lease unless drilling opera-  
 38 tions are commenced upon the land covered thereby within the time therein specified or rentals are paid for the privilege of defer-  
 39 ring such drilling operations, the rentals required thereby shall, notwithstanding any other provision of this agreement, be deemed  
 40 to accrue and become payable during the term thereof as extended by this agreement and until the required drilling operations  
 41 are commenced upon the land covered thereby or until some portion of such land is included within a participating area.

42 **16. CONSERVATION.** Operations hereunder and production of unitized substances shall be conducted to provide for the  
 43 most economical and efficient recovery of said substances without waste, as defined by or pursuant to State or Federal law or  
 44 regulation.

45 **17. DRAINAGE.** The Unit Operator shall take such measures as the Supervisor deems appropriate and adequate to pre-  
 46 vent drainage of unitized substances from unitized land by wells on land not subject to this agreement.

47 **18. LEASES AND CONTRACTS CONFORMED AND EXTENDED.** The terms, conditions, and provisions of all leases,  
 48 subleases, and other contracts relating to exploration, drilling, development, or operation for oil or gas on lands committed to  
 49 this agreement are hereby expressly modified and amended to the extent necessary to make the same conform to the provisions  
 50 hereof, but otherwise to remain in full force and effect; and the parties hereto hereby consent that the Secretary shall and by his  
 51 approval hereof, or by the approval hereof by his duly authorized representative, does hereby establish, alter, change, or revoke  
 52 the drilling, producing, rental, minimum royalty, and royalty requirements of Federal leases committed hereto and the regulations  
 53 in respect thereto to conform said requirements to the provisions of this agreement, and, without limiting the generality of the  
 54 foregoing, all leases, subleases, and contracts are particularly modified in accordance with the following:

55 (a) The development and operation of lands subject to this agreement under the terms hereof shall be deemed full per-  
 56 formance of all obligations for development and operation with respect to each and every separately owned tract subject to this  
 57 agreement, regardless of whether there is any development of any particular tract of the unit area.

58 (b) Drilling and producing operations performed hereunder upon any tract of unitized lands will be accepted and deemed  
 59 to be performed upon and for the benefit of each and every tract of unitized land, and no lease shall be deemed to expire by  
 60 reason of failure to drill or produce wells situated on the land therein embraced.

61 (c) Suspension of drilling or producing operations on all unitized lands pursuant to direction or consent of the Secretary or  
 62 his duly authorized representative shall be deemed to constitute such suspension pursuant to such direction or consent as to each  
 63 and every tract of unitized land. A suspension of drilling or producing operations limited to specified lands shall be applicable  
 64 only to such lands.

65 (d) Each lease, sublease or contract relating to the exploration, drilling, development or operation for oil or gas of lands  
 66 other than those of the United States committed to this agreement, which, by its terms might expire prior to the termination of  
 67 this agreement, is hereby extended beyond any such terms so provided therein so that it shall be continued in full force and effect  
 68 for and during the term of this agreement.

69 (e) Any Federal lease for a fixed term of twenty (20) years or any renewal thereof or any part of such lease which is made  
 70 subject to this agreement shall continue in force beyond the term provided therein until the termination hereof. Any other Federal  
 71 lease committed hereto shall continue in force beyond the term so provided therein or by law as to the land committed so long as  
 72 such lease remains subject hereto, provided that production is had in paying quantities under this unit agreement prior to the  
 73 expiration date of the term of such lease, or in the event actual drilling operations are commenced on unitized land, in accordance  
 74 with the provisions of this agreement, prior to the end of the primary term of such lease and are being diligently prosecuted at  
 75 that time, such lease shall be extended for two years and so long thereafter as oil or gas is produced in paying quantities in ac-  
 76 cordance with the provisions of the Mineral Leasing Act Revision of 1960.

77 (f) Each sublease or contract relating to the operation and development of unitized substances from lands of the United  
 78 States committed to this agreement, which by its terms would expire prior to the time at which the underlying lease, as extended  
 79 by the immediately preceding paragraph, will expire, is hereby extended beyond any such term so provided therein so that it shall  
 80 be continued in full force and effect for and during the term of the underlying lease as such term is herein extended.

81 (g) The segregation of any Federal lease committed to this agreement is governed by the following provision in the fourth  
 82 paragraph of Sec. 17(j) of the Mineral Leasing Act, as amended by the Act of September 2, 1960 (74 Stat. 781-784): "Any

1 (Federal) lease heretofore or hereafter committed to any such (unit) plan embracing lands that are in part within and in part  
 2 outside of the area covered by any such plan shall be segregated into separate leases as to the lands committed and the lands not  
 3 committed as of the effective date of unitization: *Provided, however,* That any such lease as to the nonunitized portion shall  
 4 continue in force and effect for the term thereof but for not less than two years from the date of such segregation and so long  
 5 thereafter as oil or gas is produced in paying quantities."

6 (h) Any lease, other than a Federal lease, having only a portion of its lands committed hereto shall be segregated as to  
 7 the portion committed and the portion not committed, and the provisions of such lease shall apply separately to such segregated  
 8 portions commencing as of the effective date hereof. In the event any such lease provides for a lump-sum rental payment, such  
 9 payment shall be prorated between the portions so segregated in proportion to the acreage of the respective tracts.

10 19. COVENANTS RUN WITH LAND. The covenants herein shall be construed to be covenants running with the land  
 11 with respect to the interest of the parties hereto and their successors in interest until this agreement terminates, and any grant,  
 12 transfer, or conveyance, of interest in land or leases subject hereto shall be and hereby is conditioned upon the assumption of all  
 13 privileges and obligations hereunder by the grantee, transferee, or other successor in interest. No assignment or transfer of any  
 14 working interest, royalty, or other interest subject hereto shall be binding upon Unit Operator until the first day of the calendar  
 15 month after Unit Operator is furnished with the original, photostatic, or certified copy of the instrument of transfer.

16 20. EFFECTIVE DATE AND TERM. This agreement shall become effective upon approval by the Secretary or his duly  
 17 authorized representative and shall terminate five (5) years from said effective date unless:

18 (a) such date of expiration is extended by the Director, or

19 (b) it is reasonably determined prior to the expiration of the fixed term or any extension thereof that the unitized land is  
 20 incapable of production of unitized substances in paying quantities in the formations tested hereunder and after notice of intention  
 21 to terminate the agreement on such ground is given by the Unit Operator to all parties in interest at their last known addresses,  
 22 the agreement is terminated with the approval of the Supervisor, or

23 (c) a valuable discovery of unitized substances has been made or accepted on unitized land during said initial term or any  
 24 extension thereof, in which event the agreement shall remain in effect for such term and so long as unitized substances can be  
 25 produced in quantities sufficient to pay for the cost of producing same from wells on unitized land within any participating area  
 26 established hereunder and, should production cease, so long thereafter as diligent operations are in progress for the restoration of  
 27 production or discovery of new production and so long thereafter as unitized substances so discovered can be produced as afore-  
 28 said, or

29 (d) it is terminated as heretofore provided in this agreement. This agreement may be terminated at any time by not less  
 30 than 75 per centum, on an acreage basis, of the working interest owners signatory hereto, with the approval of the Supervisor;  
 31 notice of any such approval to be given by the Unit Operator to all parties hereto.

32 21. RATE OF PROSPECTING, DEVELOPMENT, AND PRODUCTION. The Director is hereby vested with authority to  
 33 alter or modify from time to time in his discretion the quantity and rate of production under this agreement when such quantity  
 34 and rate is not fixed pursuant to Federal or State law or does not conform to any state-wide voluntary conservation or allocation  
 35 program, which is established, recognized, and generally adhered to by the majority of operators in such State, such author-  
 36 ity being hereby limited to alteration or modification in the public interest, the purpose thereof and the public interest to be served  
 37 thereby to be stated in the order of alteration or modification. Without regard to the foregoing, the Director is also hereby vested  
 38 with authority to alter or modify from time to time in his discretion the rate of prospecting and development and the quantity and  
 39 rate of production under this agreement when such alteration or modification is in the interest of attaining the conservation objec-  
 40 tives stated in this agreement and is not in violation of any applicable Federal or State law.

41 Powers in this section vested in the Director shall only be exercised after notice to Unit Operator and opportunity for hearing  
 42 to be held not less than 15 days from notice.

43 22. APPEARANCES. Unit Operator shall, after notice to other parties affected, have the right to appear for and on behalf  
 44 of any and all interests affected hereby before the Department of the Interior and to appeal from orders issued under the regula-  
 45 tions of said Department or to apply for relief from any of said regulations or in any proceedings relative to operations before  
 46 the Department of the Interior or any other legally constituted authority; provided, however, that any other interested party shall  
 47 also have the right at his own expense to be heard in any such proceeding.

48 23. NOTICES. All notices, demands or statements required hereunder to be given or rendered to the parties hereto shall  
 49 be deemed fully given if given in writing and personally delivered to the party or sent by postpaid registered or certified mail,  
 50 addressed to such party or parties at their respective addresses set forth in connection with the signatures hereto or to the ratifi-  
 51 cation or consent hereof or to such other address as any such party may have furnished in writing to party sending the notice,  
 52 demand or statement.

53 24. NO WAIVER OF CERTAIN RIGHTS. Nothing in this agreement contained shall be construed as a waiver by any  
 54 party hereto of the right to assert any legal or constitutional right or defense as to the validity or invalidity of any law of the  
 55 State wherein said unitized lands are located, or of the United States, or regulations issued thereunder in any way affecting such  
 56 party, or as a waiver by any such party of any right beyond his or its authority to waive.

57 25. UNAVOIDABLE DELAY. All obligations under this agreement requiring the Unit Operator to commence or continue  
 58 drilling or to operate on or produce unitized substances from any of the lands covered by this agreement shall be suspended  
 59 while the Unit Operator, despite the exercise of due care and diligence, is prevented from complying with such obligations, in  
 60 whole or in part, by strikes, acts of God, Federal, State, or municipal law or agencies, unavoidable accidents, uncontrollable de-  
 61 lays in transportation, inability to obtain necessary materials in open market, or other matters beyond the reasonable control of  
 62 the Unit Operator whether similar to matters herein enumerated or not. No unit obligation which is suspended under this section  
 63 shall become due less than thirty (30) days after it has been determined that the suspension is no longer applicable. Determina-  
 64 tion of creditable "Unavoidable Delay" time shall be made by the unit operator subject to approval of the Supervisor.

65 26. NONDISCRIMINATION. In connection with the performance of work under this agreement, the operator agrees to  
 66 comply with all the provisions of section 202 (1) to (7) inclusive of Executive Order 11246 (30 F.R. 12319), which are hereby  
 67 incorporated by reference in this agreement, **as amended,**

68 27. LOSS OF TITLE. In the event title to any tract of unitized land shall fail and the true owner cannot be induced to  
 69 join in this unit agreement, such tract shall be automatically regarded as not committed hereto and there shall be such readjust-  
 70 ment of future costs and benefits as may be required on account of the loss of such title. In the event of a dispute as to title as  
 71 to any royalty, working interest, or other interests subject thereto, payment or delivery on account thereof may be withheld with-  
 72 out liability for interest until the dispute is finally settled; provided, that, as to Federal land or leases, no payments of funds due  
 73 the United States should be withheld, but such funds shall be deposited as directed by the Supervisor to be held as unearned  
 74 money pending final settlement of the title dispute, and then applied as earned or returned in accordance with such final settlement.

75 Unit Operator as such is relieved from any responsibility for any defect or failure of any title hereunder.

76 28. NON-JOINDER AND SUBSEQUENT JOINDER. If the owner of any substantial interest in a tract within the unit  
 77 area fails or refuses to subscribe or consent to this agreement, the owner of the working interest in that tract may withdraw said  
 78 tract from this agreement by written notice delivered to the Supervisor and the Unit Operator prior to the approval of this agree-  
 79 ment by the Supervisor. Any oil or gas interests in lands within the unit area not committed hereto prior to submission of this  
 80 agreement for final approval may thereafter be committed hereto by the owner or owners thereof subscribing or consenting to this  
 81 agreement, and, if the interest is a working interest, by the owner of such interest also subscribing to the unit operating agreement.  
 82 After operations are commenced hereunder, the right of subsequent joinder, as provided in this section, by a working interest

1 owner is subject to such requirements or approvals, if any, pertaining to such joinder, as may be provided for in the unit operat-  
2 ing agreement. After final approval hereof, joinder by a non-working interest owner must be consented to in writing by the work-  
3 ing interest owner committed hereto and responsible for the payment of any benefits that may accrue hereunder in behalf of such  
4 non-working interest. A non-working interest may not be committed to this unit agreement unless the corresponding working  
5 interest is committed hereto. Joinder to the unit agreement by a working-interest owner, at any time, must be accompanied by  
6 appropriate joinder to the unit operating agreement, if more than one committed working-interest owner is involved, in order for  
7 the interest to be regarded as committed to this unit agreement. Except as may otherwise herein be provided, subsequent joinders  
8 to this agreement shall be effective as of the first day of the month following the filing with the Supervisor of duly executed coun-  
9 terparts of all or any papers necessary to establish effective commitment of any tract to this agreement unless objection to such  
10 joinder is duly made within 60 days by the Supervisor.

11 29. COUNTERPARTS. This agreement may be executed in any number of counterparts no one of which needs to be ex-  
12 ecuted by all parties or may be ratified or consented to by separate instrument in writing specifically referring hereto and shall  
13 be binding upon all those parties who have executed such a counterpart, ratification, or consent hereto with the same force and  
14 effect as if all such parties had signed the same document and regardless of whether or not it is executed by all other parties own-  
15 ing or claiming an interest in the lands within the above-described unit area.

16 30. SURRENDER. Nothing in this agreement shall prohibit the exercise by any working interest owner of the right to  
17 surrender vested in such party by any lease, sublease, or operating agreement as to all or any part of the lands covered thereby,  
18 provided that each party who will or might acquire such working interest by such surrender or by forfeiture as hereafter set  
19 forth, is bound by the terms of this agreement.

20 If as a result of any such surrender the working interest rights as to such lands become vested in any party other than the  
21 fee owner of the unitized substances, said party may forfeit such rights and further benefits from operation hereunder as to said  
22 land to the party next in the chain of title who shall be and become the owner of such working interest.

23 If as the result of any such surrender or forfeiture working interest rights become vested in the fee owner of the unitized  
24 substances, such owner may:

- 25 (1) Accept those working interest rights subject to this agreement and the unit operating agreement;
- 26 (2) Lease the portion of such land as is included in a participating area established hereunder subject to this agreement  
27 and the unit operating agreement; or
- 28 (3) Provide for the independent operation of any part of such land that are not then included within a participating area  
29 established hereunder.

30 If the fee owner of the unitized substances does not accept the working interest rights subject to this agreement and the unit  
31 operating agreement or lease such lands as above provided within six (6) months after the surrendered or forfeited working inter-  
32 est rights become vested in the fee owner, the benefits and obligations of operations accruing to such lands under this agreement  
33 and the unit operating agreement shall be shared by the remaining owners of unitized working interests in accordance with their  
34 respective working interest ownerships, and such owners of working interests shall compensate the fee owner of unitized substances  
35 in such lands by paying sums equal to the rentals, minimum royalties, and royalties applicable to such lands under the lease in  
36 effect when the lands were unitized.

37 An appropriate accounting and settlement shall be made, for all benefits accruing to or payments and expenditures made or  
38 incurred on behalf of such surrendered or forfeited working interest subsequent to the date of surrender or forfeiture, and payment  
39 of any moneys found to be owing by such an accounting shall be made as between the parties within thirty (30) days. In the  
40 event no unit operating agreement is in existence and a mutually acceptable agreement between the proper parties thereto cannot  
41 be consummated, the Supervisor may prescribe such reasonable and equitable agreement as he deems warranted under the cir-  
42 cumstances.

43 The exercise of any right vested in a working interest owner to reassign such working interest to the party from whom  
44 obtained shall be subject to the same conditions as set forth in this section in regard to the exercise of a right to surrender.

45 31. TAXES. The working interest owners shall render and pay for their account and the account of the royalty owners  
46 all valid taxes on or measured by the unitized substances in and under or that may be produced, gathered and sold from the  
47 land subject to this contract after the effective date of this agreement, or upon the proceeds or net proceeds derived therefrom. The  
48 working interest owners on each tract shall and may charge the proper proportion of said taxes to the royalty owners having  
49 interests in said tract, and may currently retain and deduct sufficient of the unitized substances or derivative products, or net  
50 proceeds thereof from the allocated share of each royalty owner to secure reimbursement for the taxes so paid. No such taxes  
51 shall be charged to the United States or the State of.....Utah..... or to any lessor who has a con-  
52 tract with his lessee which requires the lessee to pay such taxes.

53 32. NO PARTNERSHIP. It is expressly agreed that the relation of the parties hereto is that of independent contractors  
54 and nothing in this agreement contained, expressed or implied, nor any operations conducted hereunder, shall create or be deemed  
55 to have created a partnership or association between the parties hereto or any of them.

56 33. STATE LANDS. Certain of the lands within the Unit Area are lands owned  
57 by the State of Utah, and in connection with the approval of this agreement by the  
58 State Land Board of said State, pursuant to applicable State laws and Federal regu-  
59 lations, it is agreed that there shall be filed with said Board:

- 60 (a) One copy of any revised Exhibits "A" and "B" concurrently with the filing  
61 thereof with the Supervisor pursuant to Section 2 hereof;
- 62 (b) One copy of any notice of the proposed expansion or contraction of the  
63 Unit Area required to be delivered to the Supervisor pursuant to Section 2 (b)  
64 hereof;
- 65 (c) One copy of any notice of resignation or removal served pursuant to  
66 Section 5 hereof.

67 Each party to this agreement, holding any lease or leases of land owned  
68 by the State of Utah subject to this agreement, or holding any interest in or under  
69 such lease or leases or in the production from the lands covered hereby, agrees  
70 that said Board may alter, change or modify the drilling, producing and royalty  
71 requirements of such lease or leases, and the regulations in respect thereto,  
72 insofar as deemed advisable by the Board but no further than is necessary to  
73 conform the provisions of said lease or leases to the provisions of this agreement.

1 34. BUREAU OF LAND MANAGEMENT LANDS. Nothing in this unit  
2 agreement shall modify the special Federal lease stipulations applicable to lands  
3 under the jurisdiction of the Bureau of Land Management.

4 35. OIL SHALE DEPOSITS. No wells will be drilled for oil or gas at a  
5 location which, in the opinion of the Supervisor, would result in undue waste of  
6 oil shale deposits or constitute a hazard to or unduly interfere with mining or other  
7 operations being conducted for the mining and recovery of oil shale deposits or  
8 the extraction of shale oil by in situ methods.

9 IN WITNESS WHEREOF, the parties hereto have caused this agreement to be  
10 executed and have set opposite their respective names the date of execution.

11 March 18, 1977  
12 P. O. Box 120  
13 Denver, Colorado 80201  
14  
15 Witness: J.F. Adkins

EXXON CORPORATION

By Al Phillips  
Attorney in Fact

O. K. as to  
transaction JFA  
O. K. as to  
form.....JFA

Crooked Canyon Unit Agreement  
Uintah County, Utah



WORKING INTEREST OWNER  
RATIFICATION AND JOINDER IN THE CROOKED CANYON  
UNIT AGREEMENT AND UNIT OPERATING AGREEMENT  
UINTAH COUNTY, UTAH

For the considerations stated in the above described Unit Agreement and Unit Operating Agreement, the undersigned hereby ratifies, confirms, adopts and joins in the execution of the said Unit Agreement and Unit Operating Agreement, which are hereby incorporated herein and made a part hereof to the same extent and effect as if the undersigned had executed the originals of said Unit Agreement and Unit Operating Agreement.

The undersigned acknowledges receipt of a copy of the agreements above mentioned and acknowledges that no representation not incorporated herein or in the same has been made to the undersigned, and that this instrument has been signed and delivered unconditionally.

EXECUTION OF THIS RATIFICATION AND JOINDER ON BEHALF OF TEXACO Inc. DOES NOT COMMIT TRACT 28.  
Date of Signature: \_\_\_\_\_

TEXACO INC.

May 4, 1977

By R. M. Danos  
Agent and Attorney-in-Fact

Address: P. O. Box 2100  
Denver, Colorado 80201

WORKING INTEREST OWNER

\*\*\*\*\*

STATE OF COLORADO )  
CITY AND ) ss.  
COUNTY OF DENVER )

UT

On the 4th day of May, 1977, personally appeared before me R. M. DANOS, who, being by me duly sworn (or affirmed) did say that he is the Agent and Attorney-in-Fact of TEXACO INC., and that said instrument was signed in behalf of said grantor by authority, and said R. M. DANOS acknowledged to me that he, as such Agent and Attorney-in-fact executed the same.

WITNESS My hand and official seal.

Benedict Hall  
Notary Public

My commission expires:  
March 27, 1979

\*\*\*\*\*

STATE OF \_\_\_\_\_ )  
 ) ss.  
COUNTY OF \_\_\_\_\_ )

On the \_\_\_\_\_ day of \_\_\_\_\_, 1977, personally appeared before me \_\_\_\_\_ and \_\_\_\_\_ the signers of the above instrument, who duly acknowledged to me that they executed the same.

My commission expires:

\_\_\_\_\_  
Notary Public  
Residing at \_\_\_\_\_

Tract(s) 20, 23, 24, 25, 26, 28

EXECUTION OF THIS RATIFICATION AND JOINDER ON BEHALF OF TEXACO Inc. DOES NOT COMMIT TRACT 28.

EXHIBIT "B"  
CROOKED CANYON UNIT AGREEMENT  
UINTAH COUNTY, UTAH  
DATED MARCH 11, 1977

Tract	Description of Land	Number of Acres	Serial No. & Expiration Date of Lease	Basic Royalty and Ownership Percentage (Based on 12½%)	Lessee of Record	Overriding Royalty and Percentage	Working Interest and Percentage
1	FEDERAL LANDS T13S-R23E, SLM Sec. 26: N½	640.00	016654 HBDW	USA-All	Skyline Oil Company-100%	Erving Wolf - 3%	✓ Skyline Oil Company-68.14842%
	Sec. 26: S½						✓ Huntington Hartford - 10.560%
2	T13S-R24E, SLM Sec. 30: Lots 3, 4, E½SW¼ Sec. 31: Lots 1, 2, 3, 4, E½W½	794.78	U-4533 12-31-77 797	USA-All	Skyline Oil Company-100%	None	Atlantic Richfield Company - 5.38605%
	T14S-R23E, SLM Sec. 1: Lots 1, 2, 3, 4, S½N½						✓ Benedum-Trees Oil Company - 5.38605%
3	T13S-R24E, SLM Sec. 19: Lots 1, 2, 3, 4, E½W½, E½ (all) Sec. 29: All Sec. 30: Lots 1, 2, E½NW¼, E½	1,754.78	U-6608 8-31-78	USA-All	Exxon Corporation-62.50% Pacific Transmission Supply Company - 37.50%	Warren Driskell - 4% Mono Power Company-0.375% Joan Chorney and Raymond Chorney - 0.250%	✓ Exxon - 62.50%
							✓ Pacific - 37.50%

*Petroleum Corporation of Texas for itself and as General Partner of B.B.L., Ltd.*

✓ King Oil, Inc. - 3.38866%  
George W. Prechter and Jane Gohres Prechter - 1.12592%  
Union Oil Company of California - 0.61837%

Tract	Description of Land	Number of Acres	Serial No. & Expiration Date of Lease	Basic Royalty and Ownership Percentage (Based on 12½%)	Lessee of Record	Overriding Royalty and Percentage	Working Interest and Percentage
4	T14S-R23E, SLM Sec. 17: All Sec. 19: Lots 1, 2, 3, 4, E½W½, E½ (all) Sec. 21: All Sec. 29: All	2,549.64	U-6613 8-31-78	USA-All	Exxon Corporation-62.50% Pacific Transmission Supply Company - 37.50%	Warren Driskell - 4% Mono Power Company - 0.375% Joan Chorney and Raymond Chorney - 0.250%	Exxon - 62.50% Pacific - 37.50%
5	T13S-R23E, SLM Sec. 27: All Sec. 34: All	1,280.00	U-6615 8-31-78	USA-All	Exxon Corporation-62.50% Pacific Transmission Supply Company - 37.50%	Warren Driskell - 4% Mono Power Company - 0.375% Joan Chorney and Raymond Chorney - 0.250%	Exxon - 62.50% Pacific - 37.50%
6	T13S-R24E, SLM Sec. 20: E½	320.00	U-6630 8-31-78	USA-All	Exxon Corporation-62.50% Pacific Transmission Supply Company - 37.50%	Warren Driskell - 4% Mono Power Company - 0.375% Raymond Chorney and Joan Chorney - 0.250%	Exxon - 62.50% Pacific - 37.50%
7	T14S-R23E, SLM Sec. 7: Lots 3, 4, E½SW¼, SE¼	314.48	U-6635 8-31-78	USA-All	Exxon Corporation-62.50% Pacific Transmission Supply Company - 37.50%	Warren Driskell - 4% Mono Power Company - 0.375% Raymond Chorney and Joan Chorney - 0.250%	Exxon - 62.50% Pacific - 37.50%
8	T13S-R23E, SLM Sec. 29: NE¼NE¼, NE¼NW¼NE¼, NE¼NW¼NW¼NE¼, S½NW¼NW¼NE¼, S½NW¼NE¼, S½NE¼, S½NE¼NE¼NW¼, NW¼NW¼NW¼, S½N½NW¼, S½NW¼, S½	612.50	U-6639 8-31-78	USA-All	Exxon Corporation-62.50% Pacific Transmission Supply Company - 37.50%	Warren Driskell - 4% Raymond Chorney and Joan Chorney - 0.250% Mono Power Company - 0.375%	Exxon - 62.50% Pacific - 37.50%

Tract	Description of Land	Number of Acres	Serial No. & Expiration Date of Lease	Basic Royalty and Ownership Percentage (Based on 12½%)	Lessee of Record	Overriding Royalty and Percentage	Working Interest and Percentage
9	T14S-R23E, SLM Sec. 22: All	640.00	U-8971 <del>7-31-79</del> 11-1-71	USA-All	Exxon Corporation-100%	Controlled Radiation Corporation-5%	Exxon - 100%
10	T14S-R23E, SLM Sec. 9: E½ Sec. 10: All Sec. 11: W½ Sec. 14: All Sec. 15: All	2,560.00	U-9063 9-30-79 11-1-81	USA-All	Exxon Corporation-100%	Controlled Radiation Corporation-5%	Exxon - 100%
11	T14S-R23E, SLM Sec. 4: Lots 1, 2, 3, 4, S½N½, S½ (all)	629.68	U-9729 9-30-79 11-1-81	USA-All	Exxon Corporation-100%	Controlled Radiation Corporation-5%	Exxon - 100%
12	T13S-R23E, SLM Sec. 28: All Sec. 33: All  T14S-R23E, SLM Sec. 9: W½	1,600.00	U-10180 11-30-79 12-1-81	USA-All	Exxon Corporation-62.50% Pacific Transmission Supply Company - 37.50%	Mary B. Calvert - 2% Warren Driskell - 2% Mono Power Company - 0.375% Raymond Chorney and Joan Chorney - 0.250%	Exxon - 62.50% Pacific - 37.50%
13	T14S-R23E, SLM Sec. 30: Lots 1, 2, 3, 4, E½W½, E½ (all)	630.08	U-10181 11-30-79 12-1-81	USA-All	Exxon Corporation-62.50% Pacific Transmission Supply Company - 37.50%	Mary B. Calvert - 2% Warren Driskell - 2% Mono Power Company - 0.375% W. H. Brown - 0.250%	Exxon - 62.50% Pacific - 37.50%
14	T14S-R23E, SLM Sec. 8: S½ Sec. 18: Lots 1, 2, 3, 4, E½W½, E½ (all) Sec. 20: All Sec. 28: All	2,229.24	U-10182 11-30-79 12-1-81	USA-All	Exxon Corporation-62.50% Pacific Transmission Supply Company - 37.50%	Mary B. Calvert - 2% Warren Driskell - 2% Mono Power Company - 0.375% Chorney Oil Company - 0.250%	Exxon - 62.50% Pacific - 37.50%

## Exhibit "B" - Crooked Canyon Unit Area (contd)

Tract	Description of Land	Number of Acres	Serial No. & Expiration Date of Lease	Basic Royalty and Ownership Percentage (Based on 12½%)	Lessee of Record	Overriding Royalty and Percentage	Working Interest and Percentage
15	T14S-R23E, SLM Sec. 3: Lots 1, 2, 3, 4, S½N½, S½ (all) Sec. 11: E½	953.00	U-10274 11-30-79 12-1-91-7	USA-All	Exxon Corporation-62.50% Pacific Transmission Supply Company - 37.50%	Warren Driskell - 4% Mono Power Company - 0.375% Joan Chorney and Raymond Chorney - 0.250%	Exxon - 62.50% Pacific - 37.50%
16	T13S-R23E, SLM Sec. 24: All Sec. 25: All Sec. 35: All  T13S-R24E, SLM Sec. 31: E½	2,240.00	U-10554 2-29-80	USA-All	Exxon Corporation-62.50% Pacific Transmission Supply Company - 37.50%	Hawthorn Oil Company - 2% Ralph M. Frye and Josephine E. Frye - 2% Mono Power Company - 0.375% Joan Chorney and Raymond Chorney - 0.250%	Exxon - 62.50% Pacific - 37.50%
17	T14S-R24E, SLM Sec. 5: Lots 1, 2, 3, 4, S½N½, E½SW¼, SW¼SW¼, SE¼	599.44	U-10811 2-29-80	USA-All	Exxon Corporation-62.50% Pacific Transmission Supply Company - 37.50%	Warren Driskell - 4% Mono Power Company - 0.375% Raymond Chorney and Joan Chorney - 0.250%	Exxon - 62.50% Pacific - 37.50%
18	T14S-R23E, SLM Sec. 1: S½ Sec. 12: All	960.00	U-10827 2-29-80	USA-All	Exxon Corporation-62.50% Pacific Transmission Supply Company - 37.50%	Warren Driskell - 4% Mono Power Company - 0.375% Raymond Chorney and Joan Chorney - 0.250%	Exxon - 62.50% Pacific - 37.50%
19	T14S-R24E, SLM Sec. 6: Lots 1, 2, 3, 4, 5, 6, 7, S½NE¼, SW¼NW¼, E½SW¼, SE¼ (all)	636.40	U-10829 2-29-80	USA-All	Exxon Corporation-62.50% Pacific Transmission Supply Company - 37.50%	Warren Driskell - 4% Mono Power Company - 0.375% Joan Chorney and Raymond Chorney - 0.250%	Exxon - 62.50% Pacific - 37.50%
20	T14S-R23E, SLM Sec. 8: NE¼	160.00	U-19191 11-30-79	USA-All	Texaco Inc. - 100%	W. H. Brown - 1%  Raymond Chorney and Joan Chorney - 1%	✓Texaco Inc. - 100%

Tract	Description of Land	Number of Acres	Serial No. & Expiration Date of Lease	Basic Royalty and Ownership Percentage (Based on 12½%)	Lessee of Record	Overriding Royalty and Percentage	Working Interest and Percentage
21	T13S-R24E, SLM Sec. 20: W½	320.00	U-36452 Not issued	USA-All	Exxon Corporation-100%	James G. Tierney and Shirley A. Tierney - 5%	Exxon - 100%
<u>TOTAL FEDERAL LANDS</u>		22,424.02	acres in 21 tracts				
<u>STATE OF UTAH LANDS</u>							
22	T14S-R23E, SLM Sec. 16: All	640.00	ML-18669 1- 1-82	State of Utah-All	Exxon Corporation-62.50% Pacific Transmission Supply Company - 37.50%	G. Harvey Hamilton and Patty C. Hamilton - 0.50% Juanita J. Meyer - 0.50% Dale E. Armstrong and Jo Ann R. Armstrong - 4%	Exxon - 62.50% Pacific - 37.50%
23	T14S-R23E, SLM Sec. 2: Lots 1, 2, 3, 4, S½N½, S½ (all)	636.00	ML-19897 1- 1-84	State of Utah-All	Texaco Inc. - 100%	John H. Morgan, Jr., Daisy ) R. Morgan, Clarence I. ) Justheim, Margaret L. ) 3% Justheim, J. H. Morgan, Sr., ) and Merin Morgan )	Texaco Inc. - 100%
24	T13S-R23E, SLM Sec. 32: E½	320.00	ML-21209 1- 1-84	State of Utah-All	Texaco Inc. - 100%	John H. Morgan, Jr., Daisy ) R. Morgan, Clarence I. ) Justheim, Margaret L. ) 5% Justheim, J. H. Morgan, Sr., ) and Merin Morgan )	Texaco Inc. - 100%
25	T13S-R23E, SLM Sec. 36: All	640.00	ML-21210 1- 1-84	State of Utah-All	Texaco Inc. - 100%	John H. Morgan, Jr., Daisy ) R. Morgan, Clarence I. ) Justheim, Margaret L. ) 3% Justheim, J. H. Morgan, Sr., ) and Merin Morgan )	Texaco Inc. - 100%
26	T13S-R24E, SLM Sec. 32: All	640.00	ML-21213 1- 1-84	State of Utah-All	Texaco Inc. - 100%	John H. Morgan, Jr., Daisy ) R. Morgan, Clarence I. ) Justheim, Margaret L. ) 3% Justheim, J. H. Morgan, Sr., ) and Merin Morgan )	Texaco Inc. - 100%

<u>Tract</u>	<u>Description of Land</u>	<u>Number of Acres</u>	<u>Serial No. &amp; Expiration Date of Lease</u>	<u>Basic Royalty and Ownership Percentage (Based on 12½%)</u>	<u>Lessee of Record</u>	<u>Overriding Royalty and Percentage</u>	<u>Working Interest and Percentage</u>
27	T14S-R24E, SLM Sec. 5: NW¼SW¼	40.00	ML-26785 3- 1-80	State of Utah-All	Exxon Corporation-62.50% Pacific Transmission Supply Company - 37.50%	Warren Driskell - 4% Mono Power Company - 0.375% Raymond Chorney and Joan Chorney - 0.250%	Exxon - 62.50% Pacific - 37.50%
<u>TOTAL STATE LANDS</u>		2,916.00 acres in 6 tracts					
<u>PATENTED LANDS</u>							
28	T13S-R23E, SLM Sec. 29: NE¼NW¼NW¼, NW¼NE¼NW¼, N½NE¼NE¼NW¼, NW¼NW¼NW¼NE¼	27.50	None	Texaco Inc.	None	None	Texaco Inc. - 100%
<u>TOTAL PATENTED LANDS</u>		27.50 acres in 1 tract					
<u>TOTAL UNIT AREA</u>		25,367.52 acres in 28 tracts					

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL & GAS

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  
Exxon Corporation

3. Address of Operator  
P. O. Box 1600, Midland, TX 79702

4. Location of Well (Report location clearly and in accordance with any State requirements.)\*  
 At surface 1980 FNL, 1839 FWL  
 At proposed prod. zone see well

14. Distance in miles and direction from nearest town or post office\*  
70 miles south from Vernal

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)  
640

16. No. of acres in lease  
640

17. No. of acres assigned to this well  
640

18. Distance from proposed location\* to nearest well, drilling, completed, or applied for, on this lease, ft.  
9500'

19. Proposed depth  
9500'

20. Rotary or cable tools  
Rotary

21. Elevations (Show whether DF, RT, GR, etc.)  
September 15, 1980

5. Lease Designation and Serial No.  
M. L. 21213

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.  
3 state

10. Field and Pool, or Wildcat  
Wildcat

11. Sec., T., R., M., or Blk. and Survey or Area  
Sec. 32, T13S, R24E

12. County or Parrish 13. State  
Uintah Utah

22. Approx. date work will start\*  
September 15, 1980

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement (Approx.)
17 1/2"	13 3/8"	54.5	1500	1000 sx
12 1/4"	9 5/8"	40.0	5000	2000 sx
8 3/4"	5 1/2"	15.5 & 17	9500	1000 sx
26"	20"	94.0	40	100 sx

Conductor-VI Blowout Preventer  
 Surface & Intermediate--II-C Blowout Preventer  
 See attachments.

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING  
 DATE: 9/4/80  
 BY: CB Feight

APPROVED BY JG  
 OIL, GAS, AND MINING  
 DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_

*approved copy given to Exxon  
 this date - CB7 Note: in approved Unit.  
 survey plat to follow.*

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 August 29, 1980  
 (This space for Federal or State office use)

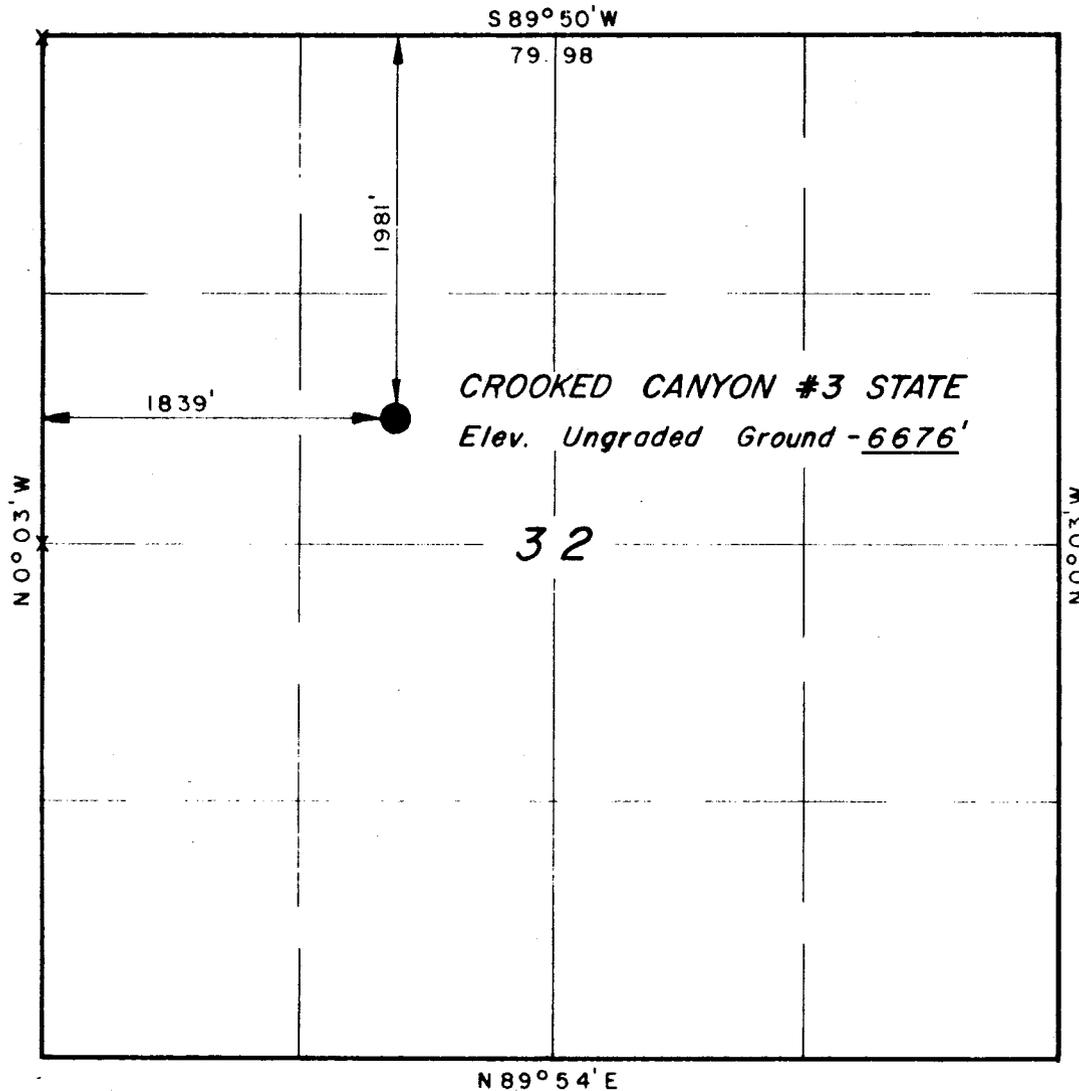
Permit No. \_\_\_\_\_ Approval Date \_\_\_\_\_  
 Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
 Conditions of approval, if any:

T 13 S, R 24 E, S.L.B. & M.

PROJECT

EXXON CORPORATION

Well location, *CROOKED CANYON*  
 # 3 STATE, located as shown  
 in the SE1/4 NW1/4 Sec. 32,  
 T13S, R 24 E, S.L.B. & M.  
 Uintah County, Utah.



CERTIFICATE

I, the undersigned, hereby 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.

*[Signature]*

REGISTERED LAND SURVEYOR  
 REGISTRATION NO 2454  
 STATE OF UTAH

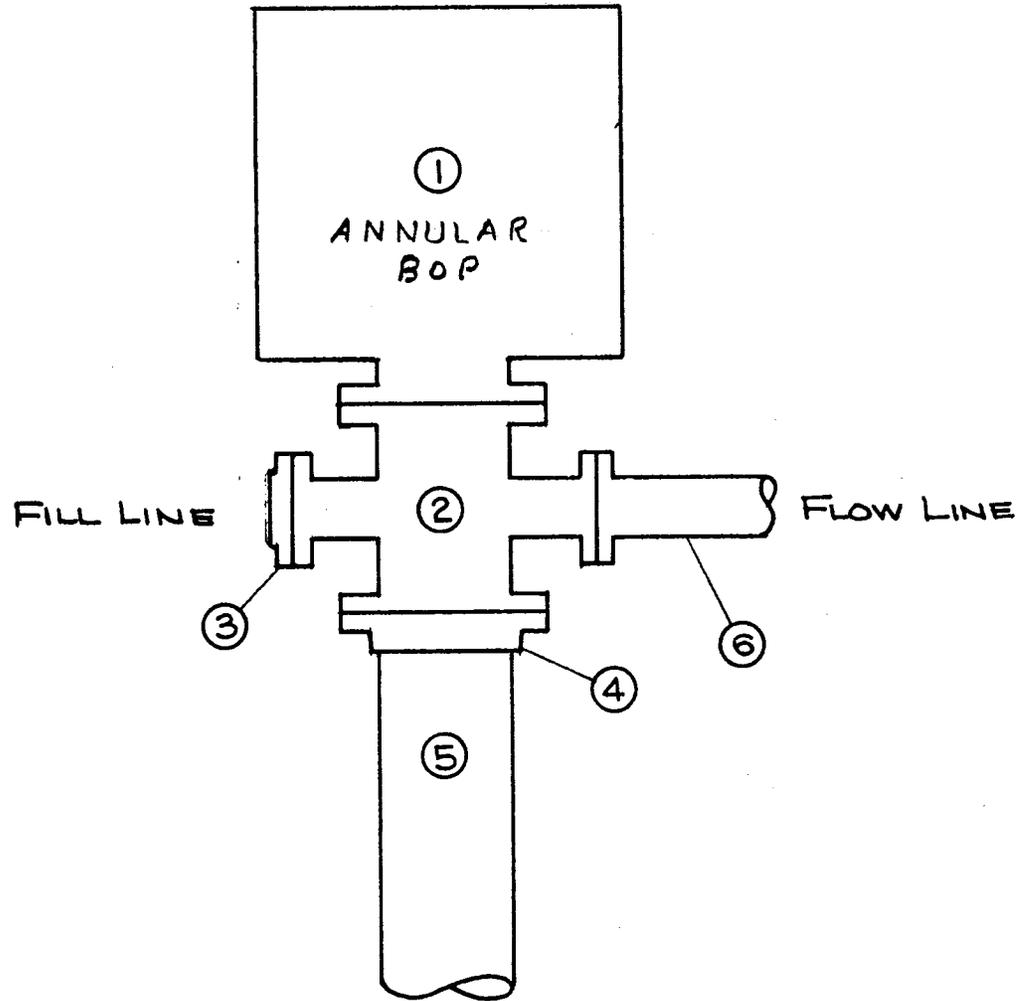
UINTAH ENGINEERING & LAND SURVEYING  
 P O. BOX Q - 110 EAST - FIRST SOUTH  
 VERNAL, UTAH - 84078

SCALE	1" = 1000	DATE	9/2/80
PARTY	NM TF AC	REFERENCES	GLO Plats
WEATHER	Fair / Warm	FILE	EXXON CORPORATION

X = Section Corners Located

MIDLAND DRILLING ORGANIZATION  
BLOWOUT PREVENTER SPECIFICATION  
TYPE VI

2000 psi WP



EQUIPMENT FOR FLOW DIVERSION

1. HYDRIL OR SHAFFER
2. FLANGED SPOOL
3. THREADED FLANGE
4. SLIP-ON OR THREADED FLANGE
5. CONDUCTOR
6. FLOWLINE

9/15/73

I-17

BLOWOUT PREVENTER SPECIFICATION  
EQUIPMENT DESCRIPTION

TYPE II-C

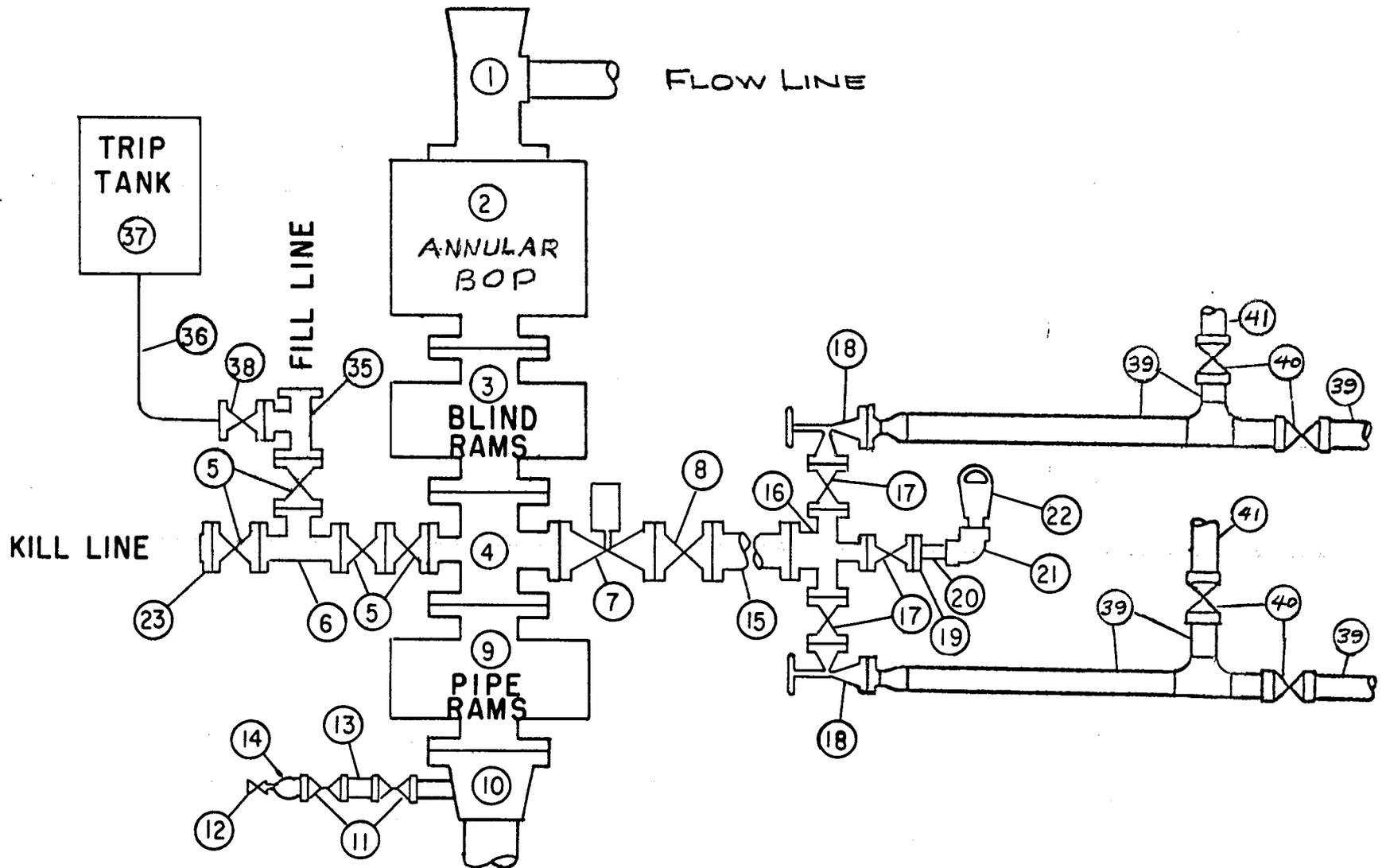
All equipment should be at least 2000 psi WP or higher unless otherwise specified.

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.

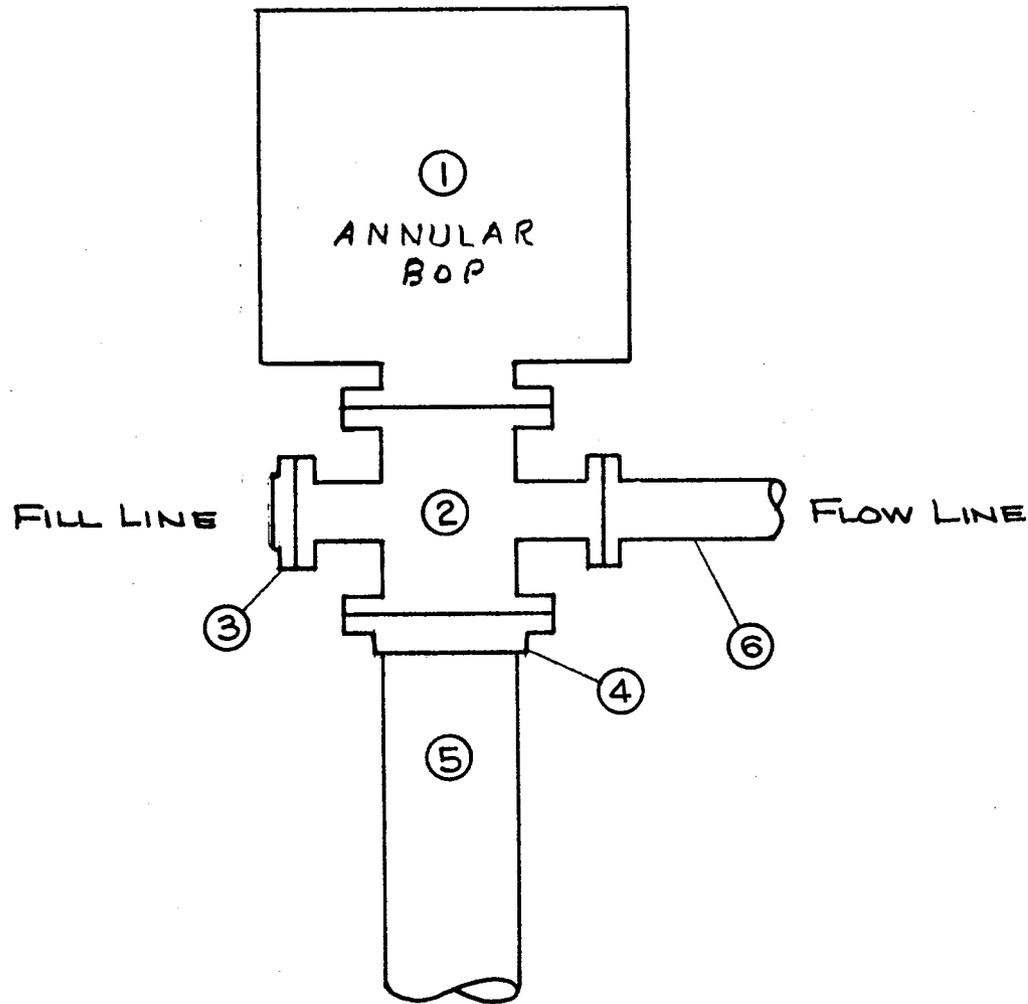
MIDLAND DRILLING ORGANIZATION  
 BLOWOUT PREVENTER SPECIFICATION  
 TYPE II - C



9/15/73

MIDLAND DRILLING ORGANIZATION  
BLOWOUT PREVENTER SPECIFICATION  
TYPE VI

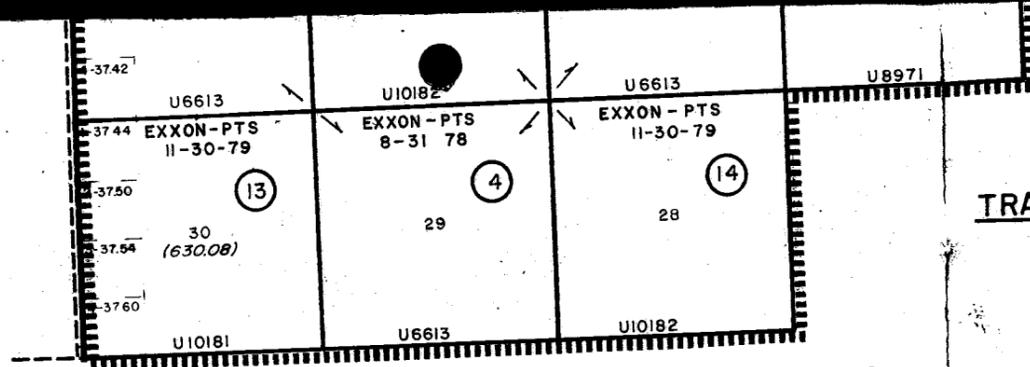
2000 psi WP



EQUIPMENT FOR FLOW DIVERSION

1. HYDRIL OR SHAFFER
2. FLANGED SPOOL
3. THREADED FLANGE
4. SLIP-ON OR THREADED FLANGE
5. CONDUCTOR
6. FLOWLINE

9/15/73



R 23 E

	FEDERAL LANDS	22,424.02 Ac.	88.40%
	STATE LANDS	2,916.00 Ac.	11.49%
	FEE LANDS	27.50 Ac.	.11%
	<b>TOTAL</b>	<b>25,367.52 Ac.</b>	<b>100.00%</b>

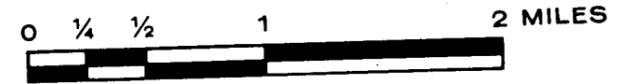
- ② TRACT NUMBERS
- 8-31-78 LEASE EXPIRATION DATES
- HBDW HELD BY DISCOVERY WELL
- ..... UNIT OUTLINE

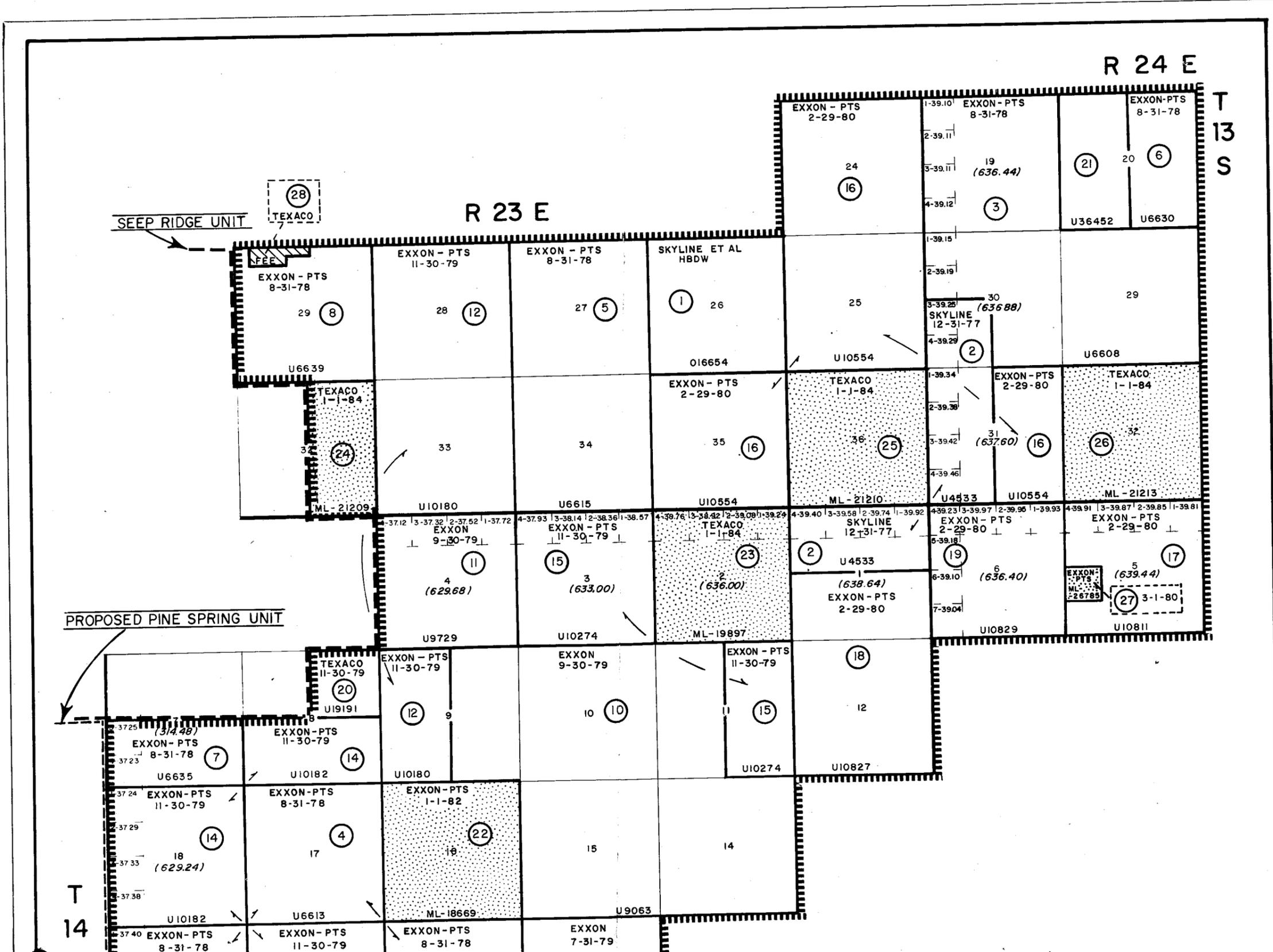
WORKING INTEREST OWNERS  
 EXXON— EXXON CORPORATION  
 PTS— PACIFIC TRANSMISSION SUPPLY COMPANY  
 SKYLINE— SKYLINE OIL COMPANY  
 SKYLINE ET AL— SKYLINE OIL COMPANY, SINCLAIR OIL & GAS COMPANY,  
 HARTFORD PROJECTS, LTD, BENEDUM TREES OIL COMPANY,  
 DEPCO, INC., HUSKY OIL COMPANY, KING OIL, INC.,  
 GEORGE W. PRECHTER, JR, UNION OIL COMPANY OF CALIFORNIA  
 TEXACO — TEXACO INC.

NOTE: ALL SECTIONS 640. Ac. UNLESS NOTED

TRACT NO	FEDERAL SERIAL NO	TRACT NO	STATE LEASE NO
1	016654	22	ML-18669
2	U-4533	23	ML-19897
3	U-6608	24	ML-21209
4	U-6613	25	ML-21210
5	U-6615	26	ML-21213
6	U-6630	27	ML-26785
7	U-6635		
8	U-6639		
9	U-8971		
10	U-9063	<u>TRACT NO</u>	<u>FEE OWNERSHIP</u>
11	U-9729	28	TEXACO INC.
12	U-10180		
13	U-10181		
14	U-10182		
15	U-10274		
16	U-10554		
17	U-10811		
18	U-10827		
19	U-10829		
20	U-19191		
21	U-36452		

**EXXON** COMPANY, U.S.A.  
 EXHIBIT "A"  
**CROOKED CANYON UNIT AREA**  
 Uintah County, UTAH





R 24 E

T 13 S

R 23 E

SEEP RIDGE UNIT

PROPOSED PINE SPRING UNIT

T 14

28  
TEXACO

EXXON-PTS  
8-31-78  
29 (8)

EXXON-PTS  
11-30-79  
28 (12)

EXXON-PTS  
8-31-78  
27 (5)

SKYLINE ET AL  
HBDW  
26 (1)

EXXON-PTS  
2-29-80  
24 (16)

EXXON-PTS  
8-31-78  
19 (636.44)  
3 (3)

EXXON-PTS  
8-31-78  
20 (6)  
21 (21)

TEXACO  
1-1-84  
24 (24)  
ML-21209

EXXON-PTS  
11-30-79  
33 (11)

EXXON-PTS  
11-30-79  
34 (15)

EXXON-PTS  
2-29-80  
35 (16)

TEXACO  
1-1-84  
36 (25)

EXXON-PTS  
2-29-80  
31 (637.60)  
16 (16)

TEXACO  
1-1-84  
32 (26)

EXXON-PTS  
9-30-79  
4 (629.68)  
11 (11)

EXXON-PTS  
11-30-79  
3 (633.00)  
15 (15)

TEXACO  
1-1-84  
2 (636.00)  
23 (23)

SKYLINE  
12-31-77  
2 (2)  
U4533  
(638.64)  
EXXON-PTS  
2-29-80

EXXON-PTS  
2-29-80  
6 (636.40)  
19 (19)

EXXON-PTS  
2-29-80  
5 (639.44)  
17 (17)  
EXXON-PTS  
ML-26789  
27 (27)  
3-1-80

TEXACO  
11-30-79  
20 (20)  
U19191

EXXON-PTS  
11-30-79  
9 (9)  
12 (12)

EXXON  
9-30-79  
10 (10)

EXXON-PTS  
11-30-79  
11 (11)  
15 (15)

18 (18)  
12 (12)

EXXON-PTS  
8-31-78  
7 (7)  
U6635

EXXON-PTS  
11-30-79  
14 (14)  
U10182

EXXON-PTS  
11-30-79  
13 (13)  
U10180

EXXON-PTS  
11-30-79  
11 (11)  
U10274

U10827

EXXON-PTS  
11-30-79  
18 (18)  
14 (14)  
U10182

EXXON-PTS  
8-31-78  
17 (17)  
4 (4)  
U6613

EXXON-PTS  
1-1-82  
19 (19)  
22 (22)  
ML-18669

EXXON  
7-31-79  
15 (15)

EXXON-PTS  
8-31-78  
18 (18)  
3740

EXXON-PTS  
11-30-79  
17 (17)  
U6613

EXXON-PTS  
8-31-78  
19 (19)  
U9063

EXXON  
7-31-79  
15 (15)

\*\* FILE NOTATIONS \*\*

DATE: Sept 4, 1980

OPERATOR: Exxon Corporation

WELL NO: Crosby Cyn # 3

Location: Sec. 32 T. 12S R. 24E County: Unitah

File Prepared:

Entered on N.I.D:

Card Indexed:

Completion Sheet:

API Number 43-047-30773

CHECKED BY:

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

Director: \_\_\_\_\_

Administrative Aide: \_\_\_\_\_

APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. \_\_\_\_\_

O.K. Rule C-3

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

Lease Designation  Unit

Plotted on Map

Approval Letter Written  hwa

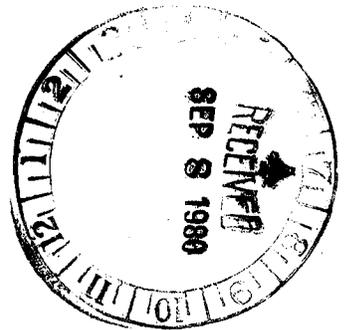
Hot Line

P.I.

*Unit Approval*

**EXXON** COMPANY, U.S.A.  
POST OFFICE BOX 120 • DENVER, COLORADO 80201

EXPLORATION DEPARTMENT  
WESTERN DIVISION



September 5, 1980

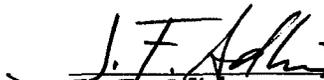
RE: Exxon Crooked Canyon #3 State Well  
Uintah County, Utah  
C-2187

Utah Oil, Gas & Mining Division  
1588 West North Temple  
Salt Lake City, Utah 84116

ATTN: Cleon B. Feight, Director

Enclosed is a copy of the survey plat for the above well.

Very truly yours,

  
\_\_\_\_\_  
J. F. Adkins

JFA:sd  
Enclosure

cc: Texaco Inc.  
P. O. Box 2100  
Denver, Colorado 80201  
ATTN: Robert A. Palmer

Natural Gas Corporation of California  
2300 Energy Center One  
717 17th Street  
Denver, Colorado 80202  
ATTN: C. T. Clark

September 9, 1980

Exxon Corporation  
P.O. Box 1600  
Midland, Texas 79702

Re: Well No. Crooked Canyon Unit State #3  
Sec. 32, T. 13S, R. 24E.,  
Uintah County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure.

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

MICHAEL T. MINDER - Petroleum Engineer  
Office: 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 43-047-30773.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Cleon B. Feight  
Director

/btm

cc: USGS  
Donald Prince

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

**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. <b>OIL WELL</b> <input type="checkbox"/> <b>GAS WELL</b> <input checked="" type="checkbox"/> <b>OTHER</b> <input type="checkbox"/>		5. <b>LEASE DESIGNATION AND SERIAL NO.</b> M. L. 21213
2. <b>NAME OF OPERATOR</b> Exxon Corporation		6. <b>IF INDIAN, ALLOTTEE OR TRIBE NAME</b> --
3. <b>ADDRESS OF OPERATOR</b> P. O. Box 1600, Midland, Texas 79702		7. <b>UNIT AGREEMENT NAME</b> Crooked Canyon Unit
4. <b>LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)</b> At surface 1981' FNL & 1839' FWL of Section		8. <b>FARM OR LEASE NAME</b> Crooked Canyon Unit
14. <b>PERMIT NO.</b>	15. <b>ELEVATIONS (Show whether DF, RT, OR, etc.)</b> 6676' Ungraded Ground	9. <b>WELL NO.</b> 3
		10. <b>FIELD AND POOL, OR WILDCAT</b> Wildcat
		11. <b>SEC., T., R., M., OR BLK. AND SURVEY OR AREA</b> Sec. 32, T13S, R24E
		12. <b>COUNTY OR PARISH</b> Uintah
		13. <b>STATE</b> Utah

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	
(Other) <u>Chg. csg. &amp; cementing program</u>		(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.)\*

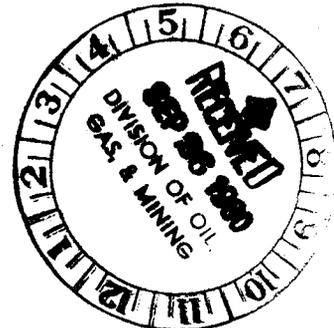
Please substitute the following proposed casing and cementing program for program approved on Application for Permis to Drill.

Size of Hole	Size of Casing	WT. per FT	Depth	Quantity of Cmt (Approx)
17 1/2"	13 3/8"	54.5	500	300 sx
12 1/4"	8 5/8"	40.0	4500	2000 sx
7 7/8"	5 1/2"	15.5 & 17	9500	1000 sx
26"	20"	94.0	40	100 sx

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING

DATE: 12-1-80

BY: M. J. Minder



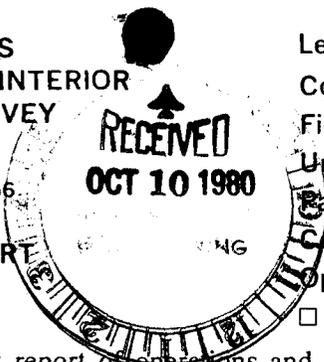
18. I hereby certify that the foregoing is true and correct

SIGNED Edgar Kusak TITLE Proration Specialist DATE 9-23-80

(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. NA  
Communitization Agreement No. NA  
Field Name Wildcat  
Unit Name Crooked Canyon Unit  
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 September, 19 80

(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 #3									
3	Sec. 32 SE/NW	13S	24E	DRG	None	None	None	None	MIRU. Dug conductor hole to 40'. Spud 17 1/2" hole 9-26-80. Drlg. @ 220' in Shale.
Orig. &	1 cc:	USGS, Box 2859, Casper, WY 82602							
	2 cc:	Dept of Natural Resources, Division of Oil, Gas and Mining, 1588 West North Temple, Salt Lake City, UT 84116							
	1 cc:	Exxon Company, USA, P. O. Box 120, Denver, CO 80201 Attn: Larry Carten							
	2 cc:	Proration Specialist							
	1 cc:	Drilling							
	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: Melva Kripling Address: P. O. Box 1600, Midland, TX 79702

Title: Proration Specialist

**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: 1981' FNL & 1839' FWL 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 type="checkbox"/>
(other) <u>Casing setting</u>			

5. LEASE  
ML 21213

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.  
3

10. FIELD OR WILDCAT NAME  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 32, T13S, R24E

12. COUNTY OR PARISH  
Uintah

13. STATE  
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
6676 GL

(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.)\*

Spudded 17 1/2" hole 12 PM 9-26-80. Drilled to 286' and took small rig off. Rigged up TWT Rig #6 and drilled to 507'

Set 13 3/8" 54.5# K-55 STC casing at 505' cemented w/538 sx Class G 2% CaCl 1/2# Flocele per sack. Cemented to surface. POB 3:30 PM 10-7-80. Prep to drill.

**APPROVED BY THE DIVISION  
OF OIL, GAS, AND MINING**  
DATE: 11-7-80  
BY: M. J. Menden

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

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

SIGNED Melva Knippling TITLE Proration Specialist DATE 10-10-80

(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. NA  
Communitization Agreement No. NA  
Field Name Wildcat  
Unit Name Crooked Canyon Unit  
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 October, 19 80

(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 #3									
3	Sec. 32 SE/NW	13S	24E	DRG	None	None	None	None	MIRU TWT#6 rig. Ran 13 3/8" csg set @ 505'. Test BOP to 300#. Logged. Drlg. @ 5480' in siltstone & shale. Prep to run csg.
<p>Orig. &amp; 1 cc: USGS, Box 2859, Casper, WY 82802</p> <p>2 cc: Dept. of Natural Resources, Division of Oil, Gas and Mining, 1588 West North Temple, Salt Lake City, UT 84116</p> <p>1 cc: Exxon Company, USA, P. O. Box 120, Denver, CO 80201 Attn: Larry Carten</p> <p>2 cc: Proration Specialist</p> <p>1 cc: Drilling Section</p> <p>1 cc: 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	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: Edgar Pankel 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. NA  
Communitization Agreement No. NA  
Field Name Wildcat  
Unit Name Crooked Canyon Unit  
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 November, 19 80

(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 #3									
3	32 SE/NW	13 S	24E	DRG	None	None	None	None	Logged. Ran 8 5/8" csg set @ 5479'. Test BOP to 1500#. Drld to 9125'. W/O csg. crew.
Orig. &	1 cc:	USGS, Box 2859, Casper, WY 82602							
	2 cc:	Dept. of Natural Resources, Division of Oil, Gas and Mining, 1588 West North Temple, Salt Lake City, UT 84116							
	1 cc:	Exxon Company, USA, P. O. Box 120, Denver, CO 80201 Attn: Larry Garton							
	2 cc:	Proration Specialist							
	1 cc:	Drilling Section							
	1 cc:	Central File							

**RECEIVED**

DEC 23 1980

DIVISION OF OIL, GAS & MINING

\*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: Mesa Fripling Address: P. O. Box 1600, Midland, TX 79702  
Title: Proration Specialist Page 1 of 1

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

SUBMIT IN TRIPPLICATE\*  
(See instructions on reverse side)

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. ML-21213
2. NAME OF OPERATOR Exxon Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME ---
3. ADDRESS OF OPERATOR P. O. Box 1600, Midland, TX 79702		7. UNIT AGREEMENT NAME Crooked Canyon Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1981' FNL & 1839' FWL of Section		8. FARM OR LEASE NAME Crooked Canyon Unit
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6676 Ungraded Ground	9. WELL NO. 3
		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA Sec. 32, T13S, R24E
		12. COUNTY OR PARISH Uintah
		13. STATE Utah

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	

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

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

2-2-81 Well shut-in for evaluation. Drilled to 9472' TD, PBD 8876'. Perf Mancos 6815-8520' w/230 shots. Acidize w/7000 gal 7 1/2% NE Hcl. Well shut-in for evaluation.

**RECEIVED**  
FEB 9 1981  
DIVISION OF  
OIL, GAS & MINING

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

SIGNED Melba Knippling TITLE Proration Specialist DATE 2-3-81

(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. NA  
Communitization Agreement No. NA  
Field Name Wildcat  
Unit Name Crooked Canton Unit  
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 January, 19 81

(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 #3									
3	32 SE/NW	13S	24E	DRG	4 14	None	1983	215	RU WSU. Ran 2-7/8" tbg. Set PKR @ 6496'. Perf. 6815-8520' w/230 shots. Acidize w/7000 g. 7 1/2% NE HCl. Flow testing. Prep to pull bombs.
Original and		1cc:	USGS, Box 2859, Casper, WY 82602						
		2cc:	Dept. of Natural Resources, Division of Oil, Gas and Mining, 1588 West North Temple, Salt Lake City, UT 84116						
		1cc:	Exxon Company, USA, P. O. Box 120, Denver, CO 80201						
		2cc:	Attn: Larry Carten						
		1cc:	Proration Specialist						
		1cc:	Drilling Section						
		1cc:	Central File						

**RECEIVED**  
MAR 5 1981

\*If none, so state.

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

DIVISION OF  
OIL, GAS & MINING

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	None	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	None	1983	215
*Sold	None	None	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	None	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	1983	XXXXXXXXXXXXXXXXXX
*Used on Lease	None	None	XXXXXXXXXXXXXXXXXX
*Injected	None	None	None
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	215
*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, 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. NA  
Communitization Agreement No. NA  
Field Name Wildcat  
Unit Name Crooked Canyon Unit  
Participating Area NA  
County Uintah State Utah  
Operator Exxon Corporation

Amended Report

The following is a correct report of operations and production (including NA plugged wells) for the month of February, 19 81

(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 21.150), 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).

RECEIVED  
MAR 20 1981

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	Barrels of Oil, Gas & Mining	Remarks
Crooked Canyon Unit									
3	32 SE/NW	13S	24E	DRG	None	None	None	None	SI w/o evaluation
Orig & 1cc:		USGS, Box 2859, Casper, WY 82602							
2cc:		Dept. of Natural Resources, Division of Oil, Gas and Mining, 1588 West North Temple, Salt Lake City, UT 84116							
1cc:		Western Exploration Division, Denver, Colorado 80201							
2cc:		Proration Specialist							
1cc:		Drilling Section							
1cc:		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: Edgar Runkel Address: P. O. Box 1600 Midland, TX 79702  
Title: Proration Specialist Page 1 of 1

DIVISION OF OIL, GAS AND MINING

PLUGGING PROGRAM

NAME OF COMPANY: Exxon Art Pena; 915-685-9346

WELL NAME: Crooked Canyon #3 (St.)

SECTION 32 TOWNSHIP 13S RANGE 24E COUNTY Uintah

VERBAL APPROVAL GIVEN TO PLUG AND ABOVE REFERRED TO WELL IN THE FOLLOWING MANNER:

TOTAL DEPTH: 9472' BBD 7200

CASING PROGRAM:

- 20" @ 40'
- 13 3/8" @ 505'
- 8 5/8" @ 5479' TOC 2000
- 5 1/2" @ 9123' TOC 5095

FORMATION TOPS:

- Mancos- 5400'
- Dakota- 9130'
- Morrison- 9300'
- Perf: 7345-8520'; 6815-30'
- No Cores, DST
- Water at 9300<sup>+</sup>
- Gas show 7345 & 6815'

PLUGS SET AS FOLLOWS:

Previously Set:

- a) 9472-8872' cemented
- b) Set CIBP 7200' 5 sx. cement on top (dump bailer)

State and Fee

Set:

- 1) CIBP at 5800 5 sx. cement on top
- 2) Part 5 1/2" casing at 5000- and pull, set 350' plug 50' into stub
- 3) 2350-2000'
- 4) Perf. 8 5/8" casing at 500' fill space between 8 5/8" & 13 3/8" with cement to surface leaving cement plug from 500-400'
- 5) 30'-Surface

Place 9.2#, 50 vis. fresh water gel based abandonment mud between plugs; erect regulation dryhole marker; clean up and restore site; and notify this Division when the location is prepared for inspection.

DATE 4-28-81 SIGNED MTM

cc: Mike Jolley

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 Wildcat  
Unit Name Crooked Canyon Unit  
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 March, 19 81

(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>									
3	32 SE/NW	13S	24E	DRG	None	None	None	None	SI for evaluation. MIRU WSU. Prep. to install BOP & pull tbg.
Orig & lcc: USGS, Box 2859, Casper, WY 82602 2cc: Dept. of Natural Resources, Division of Oil, Gas and Mining, 1588 West North Temple, Salt Lake City, UT 84116 lcc: Western Exploration Division, Denver, Colorado 80201 2cc: Proration Specialist lcc: Drilling Section lcc: Central File									

RECEIVED  
MAY 7 1981  
DIVISION OF OIL, GAS & MINING

\*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: Debra Knippling Address: P. O. 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. NA  
Communitization Agreement No. NA  
Field Name Wildcat  
Unit Name Crooked Canyon Unit  
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, 19 81

(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>									
3	32 SE/NW	13S	24E	DRG	None	None	None	None	SI. Waiting to P & A
Orig & 1cc:		USGS, Box 2859, Casper, WY 82602							
2cc:		Dept. of Natural Resources, Division of Oil, Gas and Mining, 1588 West North Temple, Salt Lake City, UT 84116							
1cc:		Western Exploration Division, Denver, CO 80201							
2cc:		Proration Specialist							
1cc:		Drilling Section							
1cc:		Central File							

RECEIVED  
JUN 7 1981  
DIVISION OF OIL, GAS & MINING

\*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, Texas 79702  
Title: Unit Head Page 1 of 1

OIL & GAS CONSERVATION COMMISSION

**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 Corp.

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)  
At surface 1981' FNL & 1839' FWL of Section

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
6676' GR

5. LEASE DESIGNATION AND SERIAL NO.  
ML-21213

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.  
3

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR B.L. AND SURVEY OR AREA  
Sec. 32, T13S, R24E

12. COUNTY OR PARISH  
Uintah

13. STATE  
Utah

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input checked="" type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input 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.)

Cement plugs will be set as follows to plug and abandon the above well.

Plugs:

12-25-81 Spot 75sx ClG plug	9139-9472'
12-27-81 Spot 50sx ClG plug	8872-9139'
3-30-81 Set BP and 3sx ClH plug	7200-7220'
6-6-81 Spot 100 sx ClH plug	4345-4685'
Spot 100 sx ClH plug	1600'-2000'
Spot 350 sx ClH plug	500'-surface

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

SIGNED Charlotte Harper TITLE Accountant DATE June 15, 1981

(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

Lease No. NA  
Communitization Agreement No. NA  
Field Name Wildcat  
Unit Name Crooked Canyon Unit  
Participating Area NA  
County Uintah 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 June, 19 81

(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>									
3	32 SE/NW	13S	24E	DRG	None	None	None	None	Cut csg @ 4673' & pulled. Set cmt. plugs to P & A. Cut off csg & install dry hole marker.
Orig & lcc:	USGS, Box 2859, Casper, WY 82602								
2cc:	Dept. of Natural Resources, Division of Oil, Gas and Mining, 1588 West North Temple, Salt Lake City, UT 84116								
lcc:	Western Exploration Division, Denver, CO 80201								
2cc:	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: Charlotte Harper Address: P. O. Box 1600, Midland, TX 79702  
Title: Accountant Page 1 of 1

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. ML-21213
2. NAME OF OPERATOR Exxon Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 1600, Midland, TX 79702		7. UNIT AGREEMENT NAME Crooked Canyon Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1981' FNL & 1839' FWL of Section		8. FARM OR LEASE NAME Crooked Canyon Unit
14. PERMIT NO. 43-047-30773	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6676' ungraded ground	9. WELL NO. 3
		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., S., M., OR B.L. AND SURVEY OR AREA Sec. 32, T13S, R24E
		12. COUNTY OR PARISH 13. STATE Uintah Utah

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	

(Other) Resume Operations

(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.)\*

5-31-81 MIRU Colorado WSU. Preparing to Plug and Abandon.

**RECEIVED**

JUN 8 1981

DIVISION OF OIL, GAS & MINING

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

SIGNED Melba Knippling TITLE Unit Head DATE June 3, 1981

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

June 12, 1981

Exxon Corporation  
P. O. Box 1600  
Midland, Texas 79702

Re: Well No. Crooked Canyon Unit State #3  
Sec. 32, T. 13S, R. 24E  
Uintah County, Utah

Gentlemen:

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

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

  
Sandy Bates  
Clerk-Typist

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

(FORM 9-329)  
(2/76)

OMB 42-8555

MONTHLY REPORT  
OF  
OPERATIONS

**RECEIVED**  
JUL 03 1981

Lease No. NA  
Communitization Agreement No. NA  
Field Name Wildcat  
Unit Name Crooked Canyon Unit  
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 May, 1981.

(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>									
3	32 SE/NW	13S	24E	DRG	None	None	None	None	MIRU Colorado WSU. Prep. to P & A.
Orig & lcc: USGS, Box 2859, Casper, WY 82602 2cc: Dept. of Natural Resources, Division of Oil, Gas and Mining, 1588 West North Temple, Salt Lake City, UT 84116 lcc: Western Exploration Division, Denver, CO 80201 2cc: 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 Knippling Address: P. O. Box 1600, Midland, TX 79702

Title: Unit Head 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, TX 79702

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 660' FNL & 1485' 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 type="checkbox"/>
(other) Shut-In	<input type="checkbox"/>		<input type="checkbox"/>

5. LEASE  
U-6615

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.  
2

10. FIELD OR WILDCAT NAME  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 32 T13S, R24E

12. COUNTY OR PARISH  
Uintah

13. STATE  
Utah

14. API NO.  
43-047-30386

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
6390' 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.)\*

The above well was successfully completed as a gas well and shut in on November 17, 1981.

RECEIVED  
DEC 07 1981  
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 Edgar Runkel TITLE Unit Head DATE November 30, 1981

(This space for Federal or State office use)

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

STATE OF UTAH

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

OIL & GAS CONSERVATION COMMISSION

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. REBVR.  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 and in accordance with any State requirements)\*  
At surface 1980' FNL & 1839' FWL of Section  
At top prod. interval reported below  
At total depth

14. PERMIT NO. 43-047-30773 DATE ISSUED 9-4-80

5. LEASE DESIGNATION AND SERIAL NO.  
ML-21213

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.  
3

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA  
Sec. 32, T13S, R24E

12. COUNTY OR PARISH  
Uintah

13. STATE  
Utah

15. DATE SPUDDED 9-26-80 16. DATE T.D. REACHED 12-22-80 17. DATE COMPL. (Ready to prod.) 6-6-81 P & A 18. ELEVATIONS (DF, REB, RT, GR, ETC.)\* 6676' GR 19. ELEV. CASINGHEAD 6679'

20. TOTAL DEPTH, MD & TVD 9472' 21. PLUG, BACK T.D., MD & TVD 7200' 22. IF MULTIPLE COMPL., HOW MANY\* --- 23. INTERVALS DRILLED BY --- ROTARY TOOLS X CABLE TOOLS ---

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
None 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN  
DIL/GR; Sonic; Caliper; Temperature; Neutron/GR; VBLw/GR; Density w/GR 27. WAS WELL CORED Yes

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 5/8"	54.5	504'	17 1/2"	538 sx C1 G	
8 5/8"	36	5479'	12 1/4"	1050 sx C1 G	
5 1/2"	15.5, 17	9125'	7 5/8"	900 sx C1 G	4673'

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
None				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
None		

31. PERFORATION RECORD (Interval, size and number)

6815-8520' w/230 1 9/16" shots

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6815-8520	Acidize 7000 gal 7 1/2% NE-HCl
	Frac 7000# 100 mesh sd; 65000# 20/40 sand.
6815-6830	Frac 7000# 100 mesh sd; & 65,000# 20/40 sand.

33.\* PRODUCTION

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

Plugged and Abandoned as a dry hole June 6, 1981

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

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

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 Charlotte Harper TITLE Accountant DATE June 15, 1981

\*(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.
No DST's run.			
Core #1	9227'	9240'	All sandstone.
Tertiary-Wasatch	1350'	3236'	
Cretaceous-Mesa Verde	3236'	5274'	sandstone, siltstone, shale w/trace of coal
Mancos	5274'	6674'	shale w/sandstone, siltstone, and trace of ironstone
Mancos B	6674'	9078'	shale w/sandstone, siltstone, and trace of ironstone
Dakota	9100'	9330'	sandstone w/siltstone and shale

**38. GEOLOGIC MARKERS**

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Tertiary-Wasatch	1350'	
Cretaceous-Mesa Verde	3236'	
Mancos	5274'	
Mancos B	6674'	
Dakota-Bentonite	9078'	
Dakota	9100'	
Jurassic-Morrison	9330'	

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 Crooked Canyon No. 3

Operator Exxon Co. U.S.A. Address P. O. Box 1600, Midland, TX 79702

Contractor TWT Exploration Address P. O. Box 1329, Park City, UT. 84060

Location SE ¼ SW ¼ Sec. 29 T. 13S R. 24E County Utah

Water Sands - None

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

(Continue of reverse side if necessary)

<u>Formation Tops</u>		
Green River	- surface	Castlegate - 5160'
Wasatch	- 1000'	Mancos - 5300'
Mesa Verde	- 3000'	Dakota - 9125'
		Morrison - 9300'

Remarks

NOTE: (a) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.

(b) If a water analysis has been made of the above reported zone, please forward a copy along with this form.



STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

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

January 5, 1982

DIVISION OF  
OIL, GAS & MINING  
JAN 18 1982

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

RECEIVED

Exxon Corporation  
P. O. Box 1600  
Midland, Texas 79702

Re: Well No. Crooked Canyon Unit State #3  
Sec. 32, T. 13S, R. 24E  
Uintah County, Utah  
SECOND NOTICE

Gentlemen:

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

Please complete the enclosed Form OGC-3, in duplicate, and also all drilling information on this well is needed to be forwarded to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

*Cari Furse*

Cari Furse  
Clerk Typist

*Comp. reports originally sent 6-15-82.  
sent another copy 1-12-82.*

*CH*



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

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

*James*

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dr. G. A. (Jim) Shirezi, Division Director

**RECEIVED**  
JAN 30 1984

November 5, 1983

**DIVISION OF  
OIL, GAS & MINING**

Exxon Corporation  
P.O. Box 1600  
Midland, Texas 79702

Re: Well No. Crooked Canyon  
Unit Unit #3  
API # 43-047-30773  
Sec. 32, T. 13S, R. 24E.  
Uintah County, Utah

Gentlemen:

According to our records, "Well Completion Report" filed with this office June 15, 1981 from the above referred to well, indicates the following electric logs were run: #3 Neutron/GR, VBLw/GR, Density w/GR, DIL/GR, Sonic, Caliper, Temperature. As of todays date, this office has not received this log: #3 Temperature.

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs.

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

Your prompt attention to the above will be greatly appreciated.

Respectfully,

DIVISION OF OIL, GAS AND MINING

*Claudia Jones*

Claudia Jones  
Well Records Specialist

CJ/cj



Incidents/Spills

# Well Inspections

Date Mod 11/18/1999

Inspection Tracking | Press/Rest

API Well No. 43-047-30773-00-00    Owner EXXON CORPORATION    County UINTAH

Well Name CROOKED CANYON 3

WI Typ Gas Well    Felty/Proj NA    Well Status Plugged and Abandoned

Well S-T-R S: 32 T: 13S R: 24E

Directions

Inspect No.	Type	Purpose	Responsible Company
DLI002397	Compliance Verification	Enforcement Action Follow-up	EXXON CORPORATION

Violation?     SNC?

Notification Type

**C** SITE RECLAMATION IS COMPLETED.  
**M**  
**N**  
**I**

Write/View Violation

Date Inspected 07/02/1992

Date NOV

Date RmdyReq

Date Extension

Date Passed

Failed Items

Fail Code	Status	Description

Comply#    Incident#    Inspector Dennis Ingram    Duration