

EXXON COMPANY, U.S.A.

POST OFFICE BOX 1600 • MIDLAND, TEXAS 79702-1600

July 1, 1985

PRODUCTION DEPARTMENT
MIDCONTINENT DIVISION

RECEIVED

JUL 02 1985

DIVISION OF OIL
GAS & MINING

Wildcat Canyon Federal #1
Section 23-T13S-R8E
Carbon County, Utah

State of Utah
Division of Oil, Gas and Mining
4241 State Office Building
Salt Lake City, UT 84114

Gentlemen:

Attached is our Application for Permit to Drill and plat for Wildcat Canyon Federal #1. The surface location is 183' FSL and 544' FWL of Section 23-T13S-R8E, Carbon County, Utah.

This unorthodox location is due to topography. As operator of this lease, Exxon Corporation controls all acreage within 660' of the proposed location.

Please grant administrative approval to drill this well in an unorthodox location.

Sincerely,


Melba Knipling

MK:dc

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 *ATTN: MELBA KNIPLING*

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface: 183' FSL and 544' FWL of Sec. (SW SW) **RECEIVED JUL 02 1985**
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 8 miles east to Helper **DIVISION OF OIL GAS & MINING**

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1600'

16. NO. OF ACRES IN LEASE 5880'

17. NO. OF ACRES ASSIGNED TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. None

19. PROPOSED DEPTH 5500' *Mission*

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7241' GR

22. APPROX. DATE WORK WILL START* Aug. 15, 1985

5. LEASE DESIGNATION AND SERIAL NO.
 U-50643

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
 WILDCAT CANYON

8. FARM OR LEASE NAME
 Wildcat Canyon *UNIT Federal*

9. WELL NO.
 1

10. FIELD AND POOL, OR WILDCAT
 Wildcat

11. SEC., T., E., M., OR BLE. AND SURVEY OR AREA
 Sec. 23-T13S-R8E

12. COUNTY OR PARISH
 Carbon

13. STATE
 Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	48#	40'	Redi-mix to surface
12 1/4"	9 5/8"	36#	600'	400 sx
8 1/2"	7"	20#	3600'	200 sx
6 1/2"	4 1/2"	9.5#	5500'	200 sx

A request for an unorthodox location has been requested.

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
 DATE: *7/10/85*
 BY: *Shirley R. Bay* *A-3*
 WELL SPACING: *(signature) Unit Well*

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. SIGNER *Melba Knippling* TITLE Unit Head DATE 7-1-85
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY _____ TITLE _____ DATE _____
 CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

OPERATOR Eggen Corp DATE 7-3-85
WELL NAME Wildcat Canyon Unit Part 1
SEC SWSW 23 T 135 R 8E COUNTY Canton

43-007-3012
API NUMBER

Lease
TYPE OF LEASE

CHECK OFF:

PLAT

BOND

NEAREST WELL

LEASE

FIELD

POTASH OR OIL SHALE

PROCESSING COMMENTS:

No other wells within 4960'

Unorthodox loc requested.

Need water permit

APPROVAL LETTER:

SPACING:

A-3

Wildcat Canyon
UNIT

c-3-a

CAUSE NO. & DATE

c-3-b

c-3-c

STIPULATIONS:

1- Water



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

July 10, 1985

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

Attention: Melba Knipling

Gentlemen:

Re: Well No. Wildcat Canyon Unit 1 - SW SW Sec. 23, T. 13S, R. 8E
183' FSL, 544' FWL - Carbon County, Utah

Approval to drill the above-referenced gas well is hereby granted in accordance with Section 40-6-18, Utah Code Annotated, as amended 1983; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water.

In addition, the following actions are necessary to fully comply with this approval:

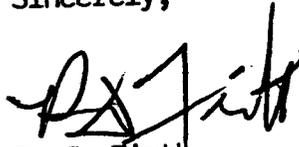
1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or R. J. Firth, Associate Director, (Home) 571-6068.

Page 2
Exxon Corporation
Well No. Wildcat Canyon Unit 1
July 10, 1985

4. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-007-30112.

Sincerely,



R. J. Firth
Associate Director, Oil & Gas

as
Enclosures
cc: Branch of Fluid Minerals

EXXON COMPANY, U.S.A.
POST OFFICE BOX 1600 • MIDLAND, TEXAS 79702-1600

PRODUCTION DEPARTMENT
MIDCONTINENT DIVISION

RECEIVED

July 31, 1985

AUG 05 1985

DIVISION OF OIL
GAS & MINING

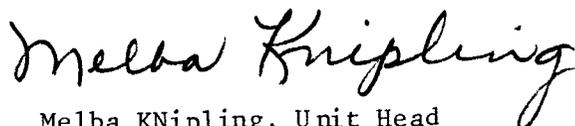
Wildcat Canyon Federal #1
Section 23-T13S-R8E
Carbon County, Utah

Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, UT 84114

Gentlemen:

Please keep all information on subject well confidential for the maximum time allowed.

Sincerely,



Melba KNIPLING, Unit Head
NGPA and Permits

MK:dc

REC 100 JUL 5 1985

SUBMIT IN TRIPPLICATE*

Form 3160-3
(November 1983)
(formerly 9-331C)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
AUG 19 1985

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN DIVISION PLUG BACK
 b. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE
 2. NAME OF OPERATOR
 Exxon Corporation *ATTN: MELBA KNIPLING*
 3. ADDRESS OF OPERATOR
 Box 1600, Midland, Texas 79702
 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
 183' FSL and 544' FWL of Sec. (SW SW)
 At proposed prod. zone
 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 8 miles east to Helper
 15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 1600'
 16. NO. OF ACRES IN LEASE
 5880'
 17. NO. OF ACRES ASSIGNED TO THIS WELL
 18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 None
 19. PROPOSED DEPTH
 5500'
 20. ROTARY OR CABLE TOOLS
 Rotary
 21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 7241' GR
 22. APPROX. DATE WORK WILL START*
 Aug. 15, 1985

5. LEASE DESIGNATION AND SERIAL NO.
 U-50643
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 7. UNIT AGREEMENT NAME
 WILDCAT CANYON
 8. FARM OR LEASE NAME
 Wildcat Canyon Federal
 9. WELL NO.
 1
 10. FIELD AND POOL, OR WILDCAT
 Wildcat
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 23-T13S-R8E
 12. COUNTY OR PARISH
 Carbon
 13. STATE
 Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	48#	40'	Redi-mix to surface
12 1/4"	9 5/8"	36#	600'	400 sx
8 1/2"	7"	20#	3600'	200 sx
6 1/2"	4 1/2"	9.5#	5500'	200 sx

A request for an unorthodox location has been requested

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 Unit Head DATE 7-1-85
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
Kenneth V. Rhea Acting DISTRICT MANAGER DATE 15 AUG 1985
 APPROVED BY _____ TITLE _____ DATE _____
 CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED

*See Instructions On Reverse Side

FLARING OR VENTING OF GAS IS SUBJECT OF NTL 4-A DATED 1/1/80

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

State of Utah-DOOM

P.O. BOX 654
 GREEN RIVER, WYOMING
 82935

WILLIAM H. SMITH & ASSOCIATES
 SURVEYING CONSULTANTS

TELEPHONE: (307) 875-3638

T 13 S

R 8 E

N 89°17' W-39.45ch. (Call)

N 86°57' W-37.42ch. (Call)

NOTE: Basis of Bearing from solar observation.



Scale: 1" = 1,000'

- Found Brass Cap
- Found Stone

N 0°37' E = 81.04ch. (Call)

N 0°14'00" E = 2673.68' (Meas.)

23

N 0°28' W-79.52ch. (Call)

Exxon Company USA
 Wildcat CANYON FEDERAL No. 1

54' 183'

N 89°44'07" W-2588.29' (Meas.)

N 89°13' W-78.50ch. (Call)

I, William H. Smith of Green River, Wyoming hereby certify that in accordance with a request from Tom Walsh of Denver, Colorado for Exxon Company U.S.A. made a survey on the 6th day of October 1983 for location and elevation of the Wildcat CANYON Federal No. 1 As shown on the above map, the wellsite is in the SW/4 SW/4 of Section 23, Township 13 S, Range 8 E of the Salt Lake Base & Meridian, Carbon County, State of Utah Elevation is 7241 feet ungraded ground Datum USGS 7.5' topo. "Jump Creek, Utah." spot elevation at section corner 21/22 28/27.
 T 13 S R 8 E.

- Reference Point 300' North-set rebar w/lath; elev. top of rebar=7251.1
- Reference Point 290' East-set rebar w/lath; elev. top of rebar=7219.3
- Reference Point 300' South-set rebar w/lath; elev. top of rebar=7211.2
- Reference Point 280' West-set rebar w/lath; elev. top of rebar=7252.1

William H. Smith
 Utah R.L.S. NO. 2764

Drawn by: TJK
 Job no. 83097.000

W-A-8327

Exxon Corporation's Well--Wildcat Canyon Federal #1
SW1/4SW1/4 Section 23, T. 13 S., R. 8 E., SLB&M
Lease: U-50643
Unit: Wildcat Canyon
Carbon County, Utah

CONDITIONS OF APPROVAL

NOTE: Numerical designations correspond to the specific section of the APD's 13 point surface use plan. Special stipulations developed as a result of the environmental assessment are noted with an asterisk (*).

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

A preconstruction onsite will be held between the Authorized Officer, dirt contractor, and an Exxon representative.

2. Planned Access Roads

The travel surface of the road will be 14 feet, with a maximum allowable disturbance width of 24 feet. Exceptions will be where large cuts and fills are necessary and where there are turnouts. Turnouts will be every 1,000 feet or less as determined by line-of-sight. Turnouts will not exceed 150 feet in length and 10 feet in width. No more ground than is absolutely necessary will be disturbed to obtain required features.

The road will be built and maintained with features adequate for drainage and erosion control during the drilling phase. The dirt contractor will work with the Authorized Officer during the preconstruction onsite and through the construction phase to obtain this end. The Authorized Officer may require additional upgrading as problems with the road appear. In the event of a producible well, all road access will be upgraded to BLM resource (Class III) road standards within 60 days of completion of the well or as soon as feasible if adverse weather conditions prevent this timeframe from being met. Drainage features shall include ditches and crowns, waterbars, water turnouts, and culverts, where needed.

Culvert number and sizes will be determined at the preconstruction onsite.

The completed road will be maintained so that the travel surface is free of excessive ruts, holes, soft spots, slides, and washboards. The road drainages and shoulders shall be free of large rocks, vegetative debris, and slides. Drainage ditches, waterbars, and culverts shall be relatively free of sediments and debris. Low water crossings shall be maintained. Road grading will be accomplished in a manner in which road materials are brought towards the center of the road and not bermed along the shoulders.

Fugitive dust will be controlled, especially during the drilling phase.

Vehicle traffic will be limited to the travel surface of the road and turnouts only. There will be no parking of vehicles or equipment off the road or pad surface. During periods of weather when activity would result in deep rutting (6 inches or more) of the driving surface or in other excessive disturbance due to vehicle use, a stop work order may be verbally issued by the Authorized Officer with a follow-up written order. An authorization to resume work will be required.

4. Location of Tank Batteries and Production Facilities

All permanent (onsite for six (6) months or longer) structures constructed or installed (including oil well pump jacks) will be painted a flat, nonreflective, earth tone color to match the standard environmental colors, as determined by the Rocky Mountain Five-State Interagency Committee. All facilities will be painted within six (6) months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded. Colors will be determined at the first production conference.

If a tank battery is constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain 1 1/2 times the storage capacity of the battery.

All loading lines and valves will be placed inside the berm surrounding the tank battery.

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the District Manager.

All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed.

Gas meter runs for each well will be located within five hundred (500) feet of the wellhead. The gas flowline will be buried from the wellhead to the meter along with any other sections occurring on the pad. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three (3) months on new meter installations and at least quarterly thereafter. The Area Manager will be provided with a date and time for the initial meter calibration and all future meter-proving schedules. A copy of the meter calibration reports will be submitted to the Resource Area Office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

5. Location and Type of Water Supply

All water needed for drilling purposes will be obtained from a source not on public land (BLM administered) unless a sundry notice giving specific plans for obtaining water on public land is submitted and approved.

A temporary water use permit for this operation will be obtained from the Utah State Engineer. Water obtained on private land, or land administered by another agency, will require approval from the owner or agency for use of the land.

7. Methods of Handling Waste Disposal

The reserve pit, if determined necessary by the Authorized Officer, will be lined with bentonite or plastic. The bentonite, if used, will be applied at least three (3) inches thick and worked into the surface of the pit. Plastic, if used, will be at least twenty (20) mils in thickness. The pit bed must be completely free of rock fragments. The plastic must be laid with overlying edges and sealed with a commercial sealant, such as silicon rubber. The plastic liners must be installed with five-inch (5) folds or similar configuration at the anchoring points in order to allow for slumping of the underlying soil without rupturing the liner.

The reserve pit shall be enclosed by a woven wire fence with at least one strand of barb wire on top. The side of the pit facing the drill rig may be left unfenced during drilling operations.

After recontouring of the pad site during reclamation, the contents of the reserve pit shall be buried under at least four (4) feet of earth. If necessary, reserve pit content of sufficient volume will be removed and hauled to an authorized disposal site in order that the depth requirement can be met.

All unburned trash will be hauled to an authorized landfill. Any burning will require a permit from the State Fire Warden.

Produced waste water will be confined to a pit or tank for a period not to exceed ninety (90) days after initial production. During the ninety-day (90) period, an application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted for the District Manager's approval pursuant to Onshore Oil and Gas Order No. 3 (NTL-2B).

9. Well Site Layout

Eight (8) inches of topsoil on the entire pad site shall be removed and stockpiled in a manner to minimize soil loss to wind and water erosion. Stockpiles shall be rounded off and located so that soil is not contaminated or compacted. In the event that the well is a producer, soil stockpiles shall be seeded.

Drainage shall be effectively routed around the pad.

10. Plans for Restoration of Surface

Reclamation operations will begin in the fall of 1985, if feasible. A pre-reclamation onsite will be held by the Authorized Officer, a company representative, and the dirt contractor to determine specific reclamation needs. Requirements, in addition to those stated in Exxon's APD or stipulated here, may be imposed at this time.

*Revegetation efforts shall consist of seeding in mid-fall followed by the planting of bare root stock (shrub, browse species) in the spring between March 1 and April 1 when soil moisture conditions are appropriate. The seeds shall be drilled where feasible. The drilled seeding rates shall be as follows:

	<u>Lbs./Acre</u> <u>Pure Live Seed</u>
<u>Grasses</u>	
Bluebunch wheatgrass	1 1/2
Western wheatgrass	1 1/2
Bluegrass (Fendler variety)	1
<u>Forbs</u>	
Alfalfa (Ranger-Ladak-Nomad mix)	1
Lewis flax	1/2
Yellow sweet clover	1/2
Small burnet (Delar variety)	1
<u>Shrubs</u>	
Antelope bitterbrush	1 1/2
Four-wing saltbush	1 1/2
Birchleaf mountain mahogany	1 1/2
Utah serviceberry	1 1/2

Broadcast rates will be double the drill rates. Broadcasted seed shall be covered with soil by harrowing or other means. Bare-root stock shall be planted at densities of 250 shrubs/acre and consist of antelope bitterbrush, four-wing saltbush, birchleaf mountain mahogany, and Utah serviceberry.

Fertilization requirements will be determined at the pre-reclamation onsite.

Revegetation efforts will be repeated in the event of failure. Other post reclamation problems which may arise, such as erosion, will be rectified as determined necessary by the Authorized Officer.

11. Other Information

There will be no deviation from the proposed drilling and/or workover program without prior approval from the District Manager. Safe drilling and operating practices must be observed.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3164.

The dirt contractor will be provided with an approved copy of the surface use plan.

If any cultural resources are found during construction, all work will stop and the Area Manager will be notified.

This permit will be valid for a period of one (1) year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

Anticipated Starting Dates and Notifications of Operations

The operator will contact the Price River Resource Area at (801) 637-4584, forty-eight (48) hours prior to beginning any dirt work on this location.

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the District Manager. If operations are to be suspended, prior approval of the District Manager will be obtained and notification given before resumption of operations.

Written notification in the form of a Sundry Notice (Form 3160-5) will be submitted to the District Office within twenty-four (24) hours after spudding. If the spudding occurs on a weekend or holiday, the written report will be submitted on the following regular work day.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 3160-5, "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed directly with the BLM District Office, P.O. Box 970, Moab, Utah 84532.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported to the Resource Area in accordance with requirements of NTL-3A.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed for prior approval of the District Manager, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig. In emergency situations, verbal approval to bring on a replacement rig will be approved by the District Petroleum Engineer.

Should the well be successfully completed for production, the District Manager will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) business days following the date on which the well is placed on production.

A first production conference will be scheduled within fifteen (15) days after receipt of the first production report. The Resource Area Office will coordinate the field conference.

No well abandonment operations will be commenced without the prior approval of the District Manager. In the case of newly drilled, dry holes or failures, and in emergency situations, oral approval will be obtained from the District Petroleum Engineer. A "Subsequent Report of Abandonment" (Form 316C-5) will be filed with the District Manager within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the Area Manager or his representative, or the appropriate surface managing agency.

Approval to vent/flare gas during initial well evaluation will be obtained from the District Office. This preliminary approval will not exceed thirty (30) days or fifty (50) MMCF gas. Approval to vent/flare beyond this initial test period will require District Office approval pursuant to guidelines in NTL-4A.

Upon completion of approved plugging, a regulation marker will be erected in accordance with 43 CFR 3162.6. The following minimum information will be permanently placed on the marker with a plate, cap or beaded on with a welding torch:

"Fed". "Well number, location by 1/41/4 section, township, and range".
"Lease number".

Special Wildlife Stipulations

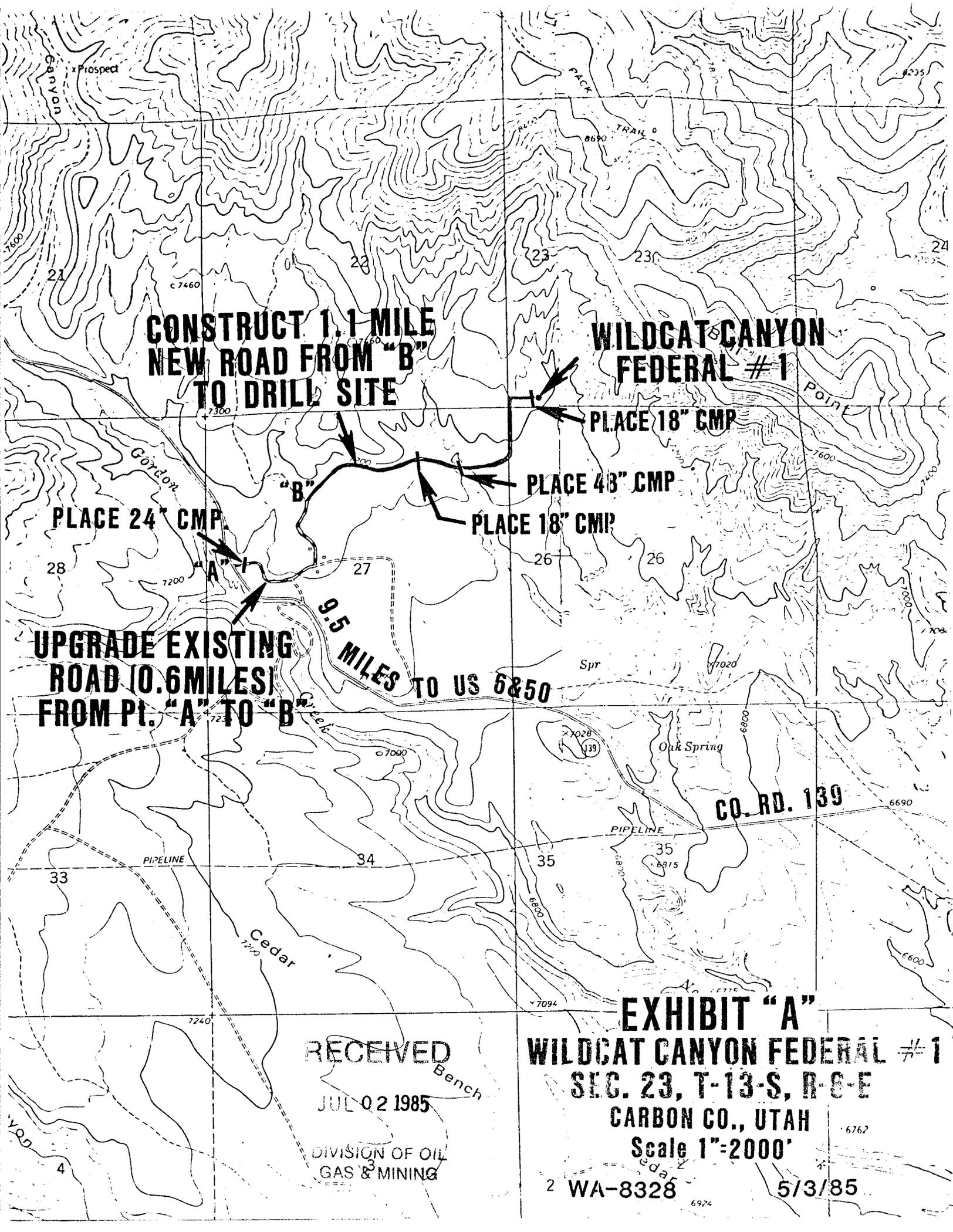
*Construction, well drilling and completion, installation of production facilities, and all associated activities will be prohibited from November 1 to May 15 due to critical deer and elk winter range. This period may be adjusted by the Authorized Officer depending on weather conditions and the arrival of concentrations of big game in the area. Exceptions to this seasonal restriction may be granted in the event of a bona fide emergency or in special documented circumstances beyond Exxon's control which extend drilling activities into the critical period.

*When Exxon's production needs and plans become known, the potential impacts of any production activity during the period critical to deer and elk will be addressed. Exxon will work with the Authorized Officer in developing

stipulations to mitigate these impacts. Mitigation which might be considered could include off-site placement of production facilities, access restrictions, or off-site mitigation practices.

*Construction, well drilling and completion, installation of production facilities, and all associated activities will be prohibited during the nesting period in years the nest sites are determined to be active. The nesting period runs from about February 1 to July 15. Exceptions may be granted in the event of bona fide emergencies. Surveys to determine activity status of the nest site will be a coordinated effort between Exxon and the Authorized Officer. The Authorized Officer will provide the expertise to make the status determination while the company will provide a helicopter and pilot to make the required survey flight. Both helicopter and pilot must hold current OAS cards.

*Price River Resource Area planning documents set forth a provision for off-site mitigation where disturbances to mule deer critical range exceed ten (10) acres. Since disturbance is not expected to reach that threshold under the proposed action, no off-site mitigation is required at present. In the event actual surface disturbance does meet the threshold or if additional drilling is conducted in the area by Exxon or on Exxon's leases or units, total acres of disturbance will be weighed against the 10-acre threshold. Off-site mitigation, when the threshold is met, will involve enhancement of one (1) acre of adjacent critical winter habitat for each acre of surface disturbed. The specific enhancement project will be designed by the Authorized Officer.



**CONSTRUCT 1.1 MILE
NEW ROAD FROM "B"
TO DRILL SITE**

**WILDCAT CANYON
FEDERAL #1**

PLACE 18" CMP

PLACE 48" CMP

PLACE 18" CMP

PLACE 24" CMP

**UPGRADE EXISTING
ROAD (0.6 MILES)
FROM Pt. "A" TO "B"**

9.5 MILES TO US 6&50

CO. RD. 139

EXHIBIT "A"

WILDCAT CANYON FEDERAL #1

SEC. 23, T-13-S, R-8-E

CARBON CO., UTAH

Scale 1"=2000'

RECEIVED

JUL 02 1985

**DIVISION OF OIL
GAS & MINING**

2 WA-8328

5/3/85

Exxon Corporation - Wildcat Canyon Federal No. 1

SW SW Section 23, T13S, R8E

Carbon County, Utah

BLM Eight Point Plan

June 27, 1985

1. The estimated tops of important geologic markers:

<u>Formations</u>	<u>Tops</u>
Masuk	Surface
Emery	500'
Bluegate	1,300'
Ferron	3,600'
Tununk	4,000'
Dakota	4,350'
Morrison	5,500'

2. The estimated depths at which the top and the bottom of anticipated water, oil, gas or other mineral bearing formation expected to be encountered are:

<u>Formation/Type</u>	<u>Top</u>	<u>Bottom</u>	<u>How Protected</u>
Emery/Fresh Water	0	500'	9-5/8" surface casing set at 600' and cemented to surface.
Ferron/Gas	3600'	4000'	4-1/2" Production Liner cemented to 3400'.
Dakota/Gas	350'	5500'	4-1/2" Production Liner cemented to 3400'.

3. Minimum Specifications for Pressure Control Equipment:

- A. Blowout Preventer - A type 3A BOP stack and choke manifold (see attachments) will be installed on 9-5/8" casing @ 600'. The accumulator unit will be located a minimum of sixty feet from the rig floor.

Testing: The type 3A BOP stack and all related equipment shall be tested upon installation to 200 and 2000 psi. Every 21 days the BOP stack and related equipment will be tested to 200 psi and 1500 psi. An operational test will be performed on the BOP stack on each round trip, not more than once a day.

B. Wellhead Equipment:

Casinghead - 9-5/8" x 7" x 2-3/8" 3000 psi

<u>Section</u>	<u>Lower Flange</u>	<u>Top Flange</u>
A-Section	9-5/8" x 8 rnd	11" x 3000
Tubinghead	11" x 3000	7-1/16" x 3000
TH Adapter	7-1/16" x 3000	2-1/16" x 3000
Tree	2-1/16" x 3000	

4. Auxiliary Equipment and Proposed Casing Program:

A. Auxiliary equipment to be used:

- a. A trip tank will be installed upon spudding well for flow detection on trips.
- b. Upper and lower kelly cocks will be installed in the drill string at all times, and will be operated weekly.
- c. Full opening ball type safety valves for each size and connection of drill pipe in use will be on the rig floor in the open position at all times.
- d. A pit volume totalizer will be installed at mud-up to monitor mud pit gain (or losses) in steel pits.
- e. An Otis nipple will be run in the drill string, two to three joints above the drill collars, for inside drill string well control.

B. Casing:

<u>String</u>	<u>Size/Weight/Grade/Conn</u>	<u>Interval</u>
Conductor	13-3/8"/48# / H40/ STC	0- 40'
Surface	9-5/8"/36# / K55/ STC	0- 600'
Intermdiate	7" /20# / K55/ STC	0-3600'
Production Liner	4-1/2"/9.5# / K55/ STC	3400-5500'

Safety Factors used are equal to or greater than 1.125 for collapse and burst, and 1.8 for tension.

C. Cement:

Conductor - Cement to surface with redi-mix.

<u>Casing</u>	<u>Depth</u>	<u>Cement Type</u>	<u>Approximate Volume</u>	<u>TOC (Gauge Hole)</u>
9-5/8"	600'	Lite (Lead) Class "H" (Tail)	200 sx 200 sx	Surface
7"	3600'	Lite (Lead) Class H (Tail)	100 sx 100 sx	Surface
4-1/2" (Liner)	5500'	Class H	200 sx	3400' (top of liner)

Additives: 9-5/8" surface casing cement: none
 7" intermediate casing: none
 4-1/2" production liner casing cement: .2% retarder

D. Casing Test Procedures:

1. Surface Casing (9-5/8"): 2000 psi initially and 1500 psi thereafter (every 21 days).
2. Production Casing: (7") 2000 psi.

5. A. Circulating Medium Characteristics:

<u>Interval</u>	<u>Mud Type</u>	<u>Weight (ppg)</u>	<u>FV (Sec/qt)</u>	<u>PV (cp)</u>	<u>YP (#/100sf)</u>	<u>(cc/30 min)</u>	<u>pH</u>
0- 600'	Spud Mud	-----Properties Uncontrolled-----					10-10.5
600-3600'	Aerated FW*	6.0-9.0	30-35	5-15	2-15	10-15	10-10.5
3600-TD	Air/Air Mist	500-700	scfm air or	air mist			
3600-TD (If mud-up required)	Aerated FW	6.0-9.0	30-35	5-15	2-15	8-12	10-10.5

* Due to anticipated severe lost returns, an aerated mud program is planned. Approximately 30 scfm air/bbl mud will be required to develop a 6.0 ppg mud weight. If possible, air or air mist will first be utilized in this interval.

B. Quantity of Mud Material:

Surface pits will be capable of handling at least 500 bbls. Not less than 200 bbls will be in the surface mud pits at all times.

C. Mud System Monitoring Equipment:

1. Pit Volume Totalizer, used to monitor mud pit.
2. Trip Tank: Trip tank will be used to keep hole full of fluid on trips and to monitor hole behavior on trips.
3. Mud Engineer: Engineer will be on location when drilling with mud from 600' to TD, and will check mud properties daily.

6. Anticipated type and amount of testing, logging and coring:

Logging Program:

Interval - Surface to TD

1. Mud Logger
2. DIL/GR
3. LDT/CNL/GR
4. Sonic/GR
5. Dipmeter (3600'-TD)
6. VDL/Waveform
7. NGT over show zones

7. Expected Bottom Hole Pressures and Temperature or any Potential Hazards:

1. No abnormal pressures or temperatures are expected.
2. No H₂S is expected.

8. Other Facets of Proposed Operations:

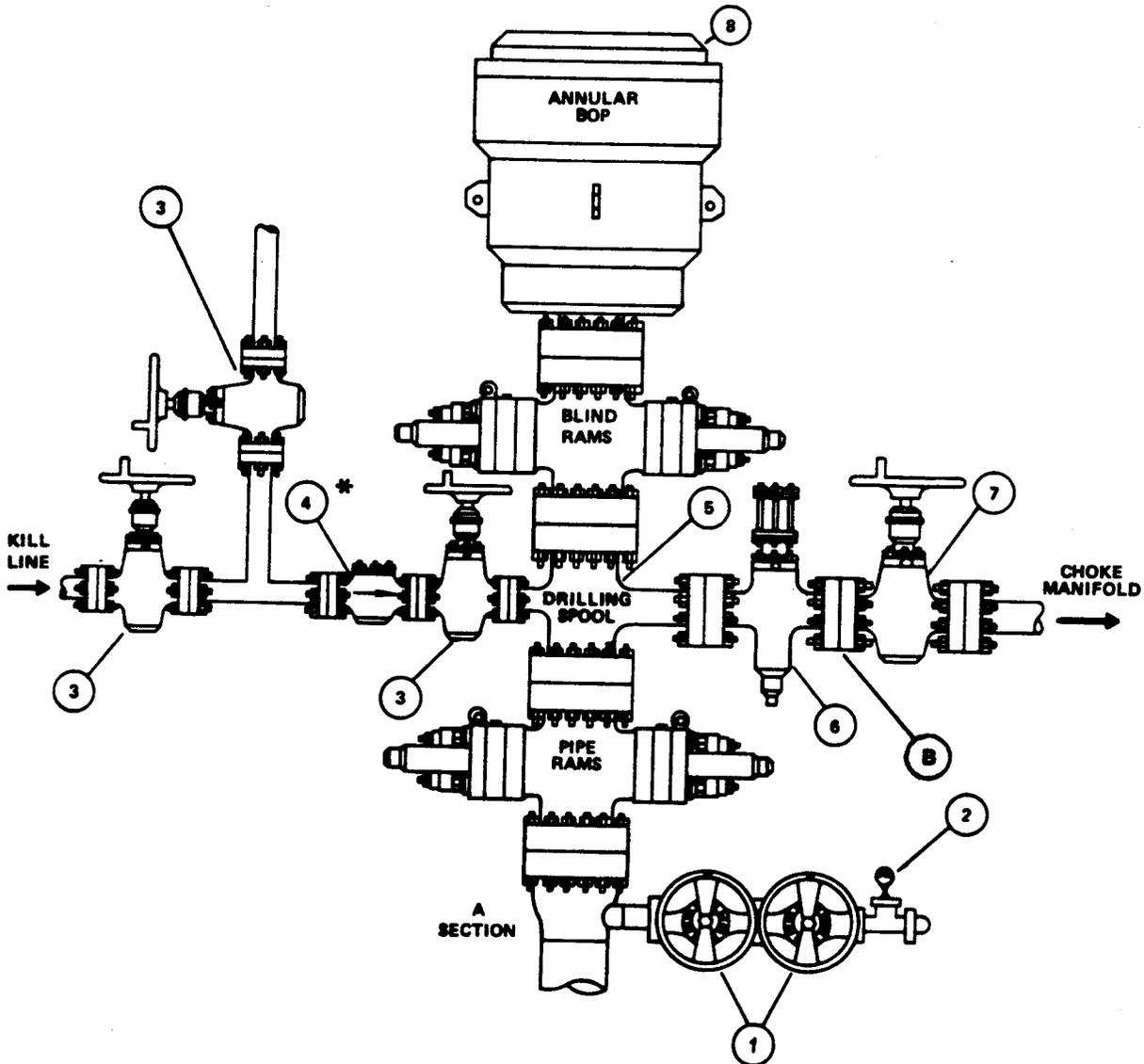
No special drilling operations are planned.

PMN/cdl
6/27/85

PMN 6-28-85
DLW 6/28/85

TYPE-3A BOP STACK

THREE PREVENTERS
API (RSRA)



* IF AN HCV IS USED INSTEAD OF A CHECK VALVE IT MUST BE LOCATED NEXT TO THE SPOOL.

10.18**COMPONENT SPECIFICATIONS
Type-3A BOP Stack**

1. Screwed or flanged plug or gate valves — 2" minimum nominal dia. — same working pressure as "A" section.
2. Tee with tapped bullplug, needle valve, and pressure gauge.
3. Flanged plug or gate valve — 3" minimum nominal dia. — same working pressure as BOP stack.
4. Flanged spring-loaded or flapper type check valve — 3" minimum nominal dia. — same working pressure as BOP stack.
5. Drilling spool of sufficient height to allow stripping with 2 flanged side outlets — 3" choke and 2" kill line minimum nominal dia. (See Table II-4)
6. Flanged hydraulically controlled gate valve — 3" minimum nominal dia. — same working pressure as BOP stack.
7. Flanged plug or gate valve — 3" minimum nominal dia. — same working pressure as BOP stack.
8. Top of annular preventer must be equipped with an API flange ring gasket. All flange studs must be in place or holes filled in with screw type plugs.

NOTE:

- a) Unless specified otherwise in the Bid Letter and/or Contract, the contractor will furnish and maintain all components shown above Exxon's wellhead.
- b) The choke line between the drilling spool and choke manifold should not contain any bend or turn in the pipe body. Any bend or turn required should be made with a running tee with a blind flange or welded bullplug. All connections should be flanged or welded. All fabrications requiring welding must be done by a certified welder. Welds should be stress relieved when required.
- c) Plug valves should be equivalent to the Howco Lo-Torc and gate valves equivalent to the Cameron Type 'F'.

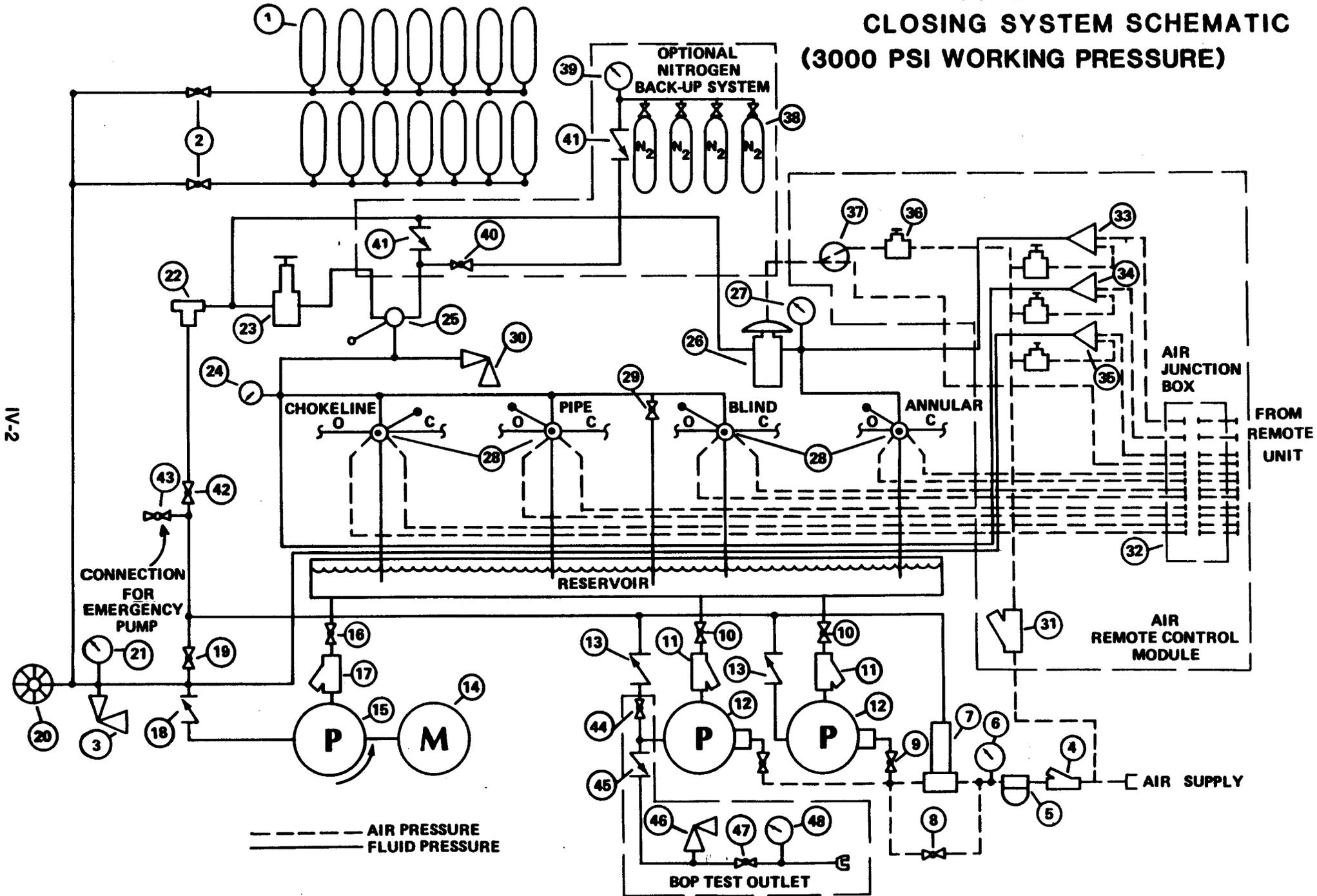
Figure V-1

1. Accurate pressure gauge (Martin Decker or equal) for measuring standpipe pressure. This gauge must be installed on a flexible Martin Decker or equal sealed line with transducer and have a working pressure rating equal to that of the BOP stack.
2. Diaphragm type pressure gauge and gate or plug valve — 2" minimum nominal dia. — flanged to 5 way cross or to tee and valve installed between cross and first valve.
3. Flanged or studded cross — 3" x 3" x 2" x 2" x 2" minimum nominal dia.
4. Flanged plug or gate valve — 2" minimum nominal dia. — valve to be same W.P. as choke.
5. Flanged plug or gate valve — 3" minimum nominal dia. — valve to be same W.P. as choke.
6. Flanged manually-adjustable choke equipped with tungsten carbide stems and seats and maximum size orifice opening.
7. Flanged spacer spool — 2" minimum nominal dia. and 18" minimum length.
8. Screwed unions — 3" minimum nominal dia., flat face, hammer type.
9. Screwed unions — 2" minimum nominal dia., flat face, hammer type.
10. Screwed plug or gate valve — 3" minimum nominal diameter.
11. Screwed plug or gate valve — 2" minimum nominal diameter.
12. Buffer Chamber is optional — 8" minimum nominal dia. (Sch. 160 preferred).
13. Saddle welded to manifold with 3" screwed bulplug in place.
14. Screwed bulplug with screwed 1/2" needle valve for obtaining a flowing fluid sample.
15. Screwed tee — 2" minimum nominal diameter.

NOTE:

- A. The rated working pressure of the choke manifold equipment will be specified in the BID LETTER AND/OR DRILLING CONTRACT.
- B. Unless specified otherwise in the BID LETTER AND/OR DRILLING CONTRACT, the Contractor will furnish and maintain all components shown except Item 1 which will be furnished by Exxon.
- C. Contractor must furnish an acceptable mud/gas separator for each well. This separator must be equipped with a 6" (minimum nominal dia.) gas flare line.
- D. All components must comply with the attached *Specifications for Choke Manifold Piping, Fitting, and Connections*.
- E. Plug valves should be equivalent to the Howco Lo-Torc and Gate Valves equivalent to the Cameron Type 'F'.
- F. Crosses and valves may be substituted for the buffer chamber — Item 12.
- G. Hydraulic choke may be substituted for one manual choke.

**FIGURE IV-1
CLOSING SYSTEM SCHEMATIC
(3000 PSI WORKING PRESSURE)**



IV-2

FROM
REMOTE
UNIT

AIR
JUNCTION
BOX

AIR
REMOTE CONTROL
MODULE

AIR SUPPLY

BOP TEST OUTLET

--- AIR PRESSURE
 — FLUID PRESSURE

FIGURE IV-2

COMPONENT DESCRIPTION

ACCUMULATOR BANK

1. ACCUMULATORS
2. ACCUMULATOR BANK ISOLATION VALVES
3. ACCUMULATOR RELIEF VALVE SET AT 3600 PSI

AIR PUMP

4. AIR STRAINER
5. AIR LUBRICATOR
6. AIR PRESSURE GAUGE, 0-300 PSI
7. AIR PRESSURE SWITCH
8. PRESSURE SWITCH BYPASS VALVE
9. AIR PUMP SUPPLY VALVE
10. SUCTION VALVE
11. SUCTION STRAINER
12. AIR OPERATED HYDRAULIC PUMP
13. DISCHARGE CHECK VALVE

ELECTRIC PUMP

14. ELECTRIC MOTOR AND STARTER
15. DUPLEX OR TRIPLEX PUMP
16. SUCTION VALVE
17. SUCTION STRAINER
18. DISCHARGE CHECK VALVE
19. TRIPLEX PUMP ISOLATION VALVE
20. ELECTRIC PRESSURE SWITCH

MANIFOLD

21. ACCUMULATOR PRESSURE GAUGE, 0-6000 PSI
22. HIGH PRESSURE STRAINER
23. MANIFOLD REGULATOR (0-3000 PSI)
24. MANIFOLD PRESSURE GAUGE, 0-3000 PSI
25. MANIFOLD REGULATOR BYPASS VALVE

26. ANNULAR REGULATOR
27. ANNULAR PRESSURE GAUGE, 0-3000 PSI
28. 4-WAY CONTROL VALVE
29. MANIFOLD BLEEDER VALVE
30. MANIFOLD RELIEF VALVE SET AT 3500-3700 PSI

AIR REMOTE SYSTEM

31. AIR FILTER
32. AIR JUNCTION BOX
33. ANNULAR PRESSURE TRANSMITTER ASSY.
34. MANIFOLD PRESSURE TRANSMITTER ASSY.
35. ACCUMULATOR PRESSURE TRANSMITTER ASSY.
36. ANNULAR AIR PILOT REGULATOR
37. ANNULAR UNIT/REMOTE SELECTOR VALVE

NITROGEN BACK-UP

38. NITROGEN BOTTLE
39. NITROGEN PRESSURE GAUGE
40. NITROGEN BACK-UP SHUT-OFF VALVE
41. NITROGEN BACK-UP CHECK VALVE

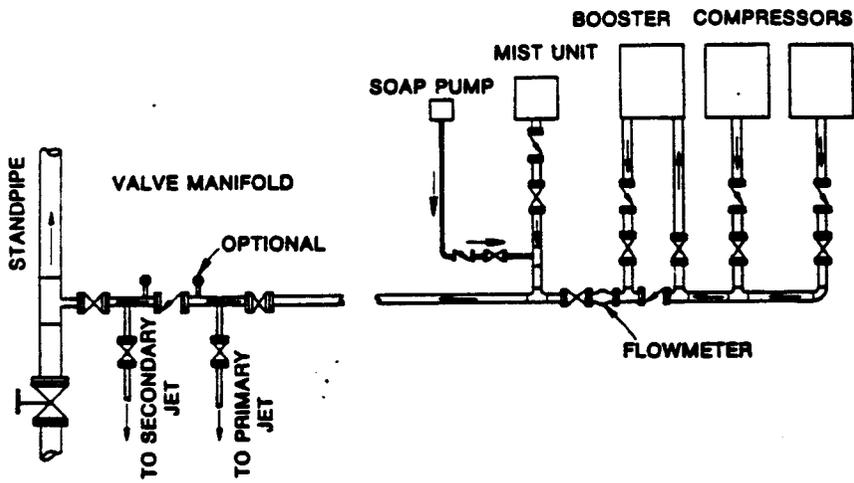
EMERGENCY PUMP

42. EMERGENCY PUMP ISOLATION VALVE
43. EMERGENCY PUMP SHUT OFF VALVE

BOP TEST

44. BOP TEST ISOLATION VALVE
45. BOP TEST CHECK VALVE
46. BOP TEST RELIEF VALVE
47. BOP TEST SHUT-OFF VALVE
48. BOP TEST PRESSURE GAUGE

Air Drilling Equipment Schematic



SURFACE USE PLAN

Exxon Corporation No. 1 Wildcat Canyon Federal
544' FWL and 183' FSL of Section 23, T13S, R8E
Carbon County, Utah
Federal Lease No. U50643

1. EXISTING ROADS - Area Map, Exhibit "A" is a reproduction of the Standardville and Jump Creek Quadrangle maps.
 - A. Exhibit "A" shows the proposed wellsite as staked.
 - B. From Spring Glen, Utah, go west on Highway 139 approximately 9.5 miles, then northeast on an existing dirt road for 0.6 mile. New road construction will begin here, continuing northeasterly for 1.1 mile to the well location.
 - C. Highway 139 west from Spring Glen is a 36' wide graveled road. All other roads in the vicinity of the location are narrow dirt roads or unimproved two track trails.
 - D. No improvement or maintenance of Highway 139 is planned. Approximately 1.7 miles of access road construction is described in Section 2 below.
2. PLANNED ACCESS ROADS - Approximately 1.7 miles of new road will be constructed from point A to the drillsite.
 - A. Surface width of the new road will be approximately 14'.
 - B. The maximum grade will be 10 percent.
 - C. Turnouts will be constructed wherever required due to inadequate sight distance.
 - D. A 48" CMP will be placed in the drainage located 0.4 mile west of the location. Additional culverts will be field placed during construction. These culverts will be a minimum of 18" diameter.
 - E. A new cattleguard will be installed to replace the existing 8' cattleguard now in place on the access route.
 - F. The new road to be constructed has been centerline flagged.

3. LOCATION OF EXISTING WELLS WITHIN TWO MILE RADIUS

- A. Water Wells - None.
- B. Abandoned Wells - None.
- C. Temporarily Abandoned Wells - None.
- D. Disposal Wells - None.
- E. Drilling Wells - None.
- F. Producing Wells - None.
- G. Shut-in Wells - None.
- H. Injection Wells - None.
- I. Monitoring or Observation Wells - None.

4. TANK BATTERIES, PRODUCTION FACILITIES AND LEASE PIPELINES

- A. There are no tank batteries, production facilities or pipelines controlled by the leasee within one mile of the location.
- B. In the event of production, all production facilities will be designed at a later date. Plans for these facilities will be submitted as per Section IV of Onshore Oil & Gas Order No. 1.
- C. Rehabilitation will be done on any disturbed areas no longer needed for operations or after completion of the production facilities. These will consist of reshaping the existing surface, spreading topsoil, and seeding as specified.

5. LOCATION AND TYPE OF WATER SUPPLY - A water well will be drilled on location. If additional water is required, it will be hauled over the access road from a permitted source.

6. SOURCE OF CONSTRUCTION MATERIALS

- A. A need to open a gravel pit for construction materials is not anticipated.
- B. Any gravel needed will be obtained from a commercial source located in Section 36, T13S, R9E.
- C. Gravel will be hauled along the proposed access road.

7. METHODS FOR HANDLING WASTE DISPOSAL

- A. Drill cuttings will be disposed of in the reserve pit and buried following completion of drilling.
- B. Trash, waste paper and garbage will be contained in a trash pit totally enclosed with a small mesh wire to prevent wind scattering during collection and burned. This pit is shown on Exhibit "B". Residue in this pit at completion of operations will be buried within the pit by at least 24" of cover, unless ground freeze prevents burial. In lieu of a pit, a pipe and wire cage may be used to store trash and this trash will be buried.
- C. Salts that are not used in the drilling fluid will be removed from the location by the supplier.
- D. Sewage from trailer houses will be disposed of in a manner approved by the State Health Department. This will consist of either a septic system with leach field, or a closed system with sewage hauled to an approved disposal site. An outdoor toilet will be provided for rig crews, this area will be backfilled during clean up after rig moveout.
- E. Chemicals that are not used in the drilling and completion of the well will be removed from the location by the supplier.

8. ANCILLARY FACILITIES - No campsites or airstrips are planned.

9. WELLSITE LAYOUT

- A. Exhibit "B" shows the proposed wellsite layout.
- B. The location of mud, reserve, and trash pits; pipe racks; parking areas; living facilities; soil stockpile; rig orientation; and turn-in from the access road are shown on Exhibit "B".
- C. Lead pits in the active circulating system will be steel pits. The reserve pit will not be lined unless subsurface conditions encountered during construction indicate lining is needed for lateral containment of fluids.

10. PLANS FOR RESTORATION OF THE SURFACE

- A. Upon completion of the operation and disposal of any trash, the reserve pit will be leveled or contoured as soon as practical after drying time. Drillsite surface will be reshaped to combat erosion, and stockpiled topsoil will be distributed to extent available. Prior to leaving the drillsite upon rig move-out, any pit that is to remain open for drying will be fenced and so maintained until backfilled and reshaped.

- B. Exxon will rehabilitate the road as per BLM recommendations. This will consist of reshaping the road to conform to the surrounding topography, placing waterbars, loosening the surface soil and reseeding.
- C. After abandonment, Exxon will revegetate all disturbed areas as per BLM recommendations.
- D. Any oil on pits will be removed or overhead flagging will be installed.
- E. Rehabilitation operations will start in the Spring after completion and be completed in the Fall.

11. OTHER INFORMATION

- A. The land is mountainous. The surface is severely dissected by drainages. Vegetation is native grass, sagebrush, pinyon and juniper.
- B. The land is used principally for grazing. The surface is owned by the Federal Government and administered by the BLM. The access route crosses the Gordon Creek State Wildlife Management Area, administered by the Utah Division of Wildlife Resources.
- C. There are no known archeological or cultural sites in the area. There are no occupied dwellings in the area.
- D. A Class III archeological survey of the area has been conducted, and a report submitted to the BLM.
- E. See Exhibit "A" for location of streams in the area.

12. OPERATOR'S REPRESENTATIVE - The field representative who should be contacted concerning compliance of this Surface Use Plan is:

Tom Mixon
P. O. Box 230
Midland, Texas 79702
Office: (915) 686-4334

13. CERTIFICATION - I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Exxon Corporation and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. A copy of this plan will be posted at the wellsite during the drilling of the well for reference by all contractors and subcontractors.

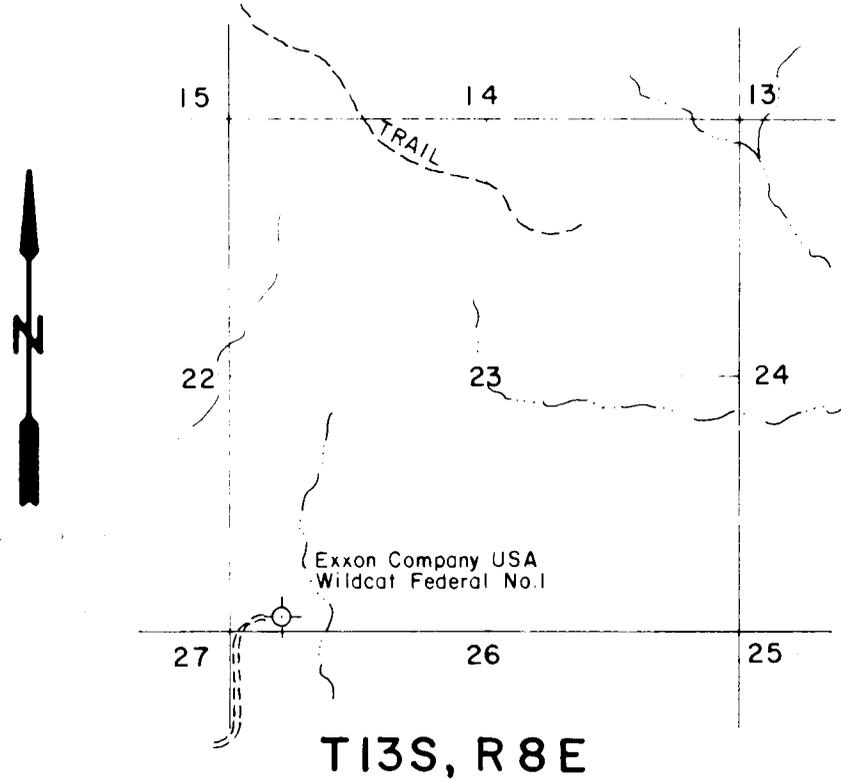
5-8-85
Date

Thomas D. Mixon
Tom Mixon
Operation Superintendent

For on-site inspection contact Melba Knipling at (915) 685-4406.

EXXON COMPANY WILDCAT FEDERAL No. 1

VICINITY MAP



Located in the SW/4 SW/4 . of
Section 23 , T 13 S , R 8 E of
the S.L.B. & M
Carbon County, Utah

LEGEND

- ⊕ Well Location
- Reference Point
- ⊙ Slope Stake

TYPICAL SLOPE STAKE
to Edge of Pad or Pit



Cut 13.0/26.0/2:1

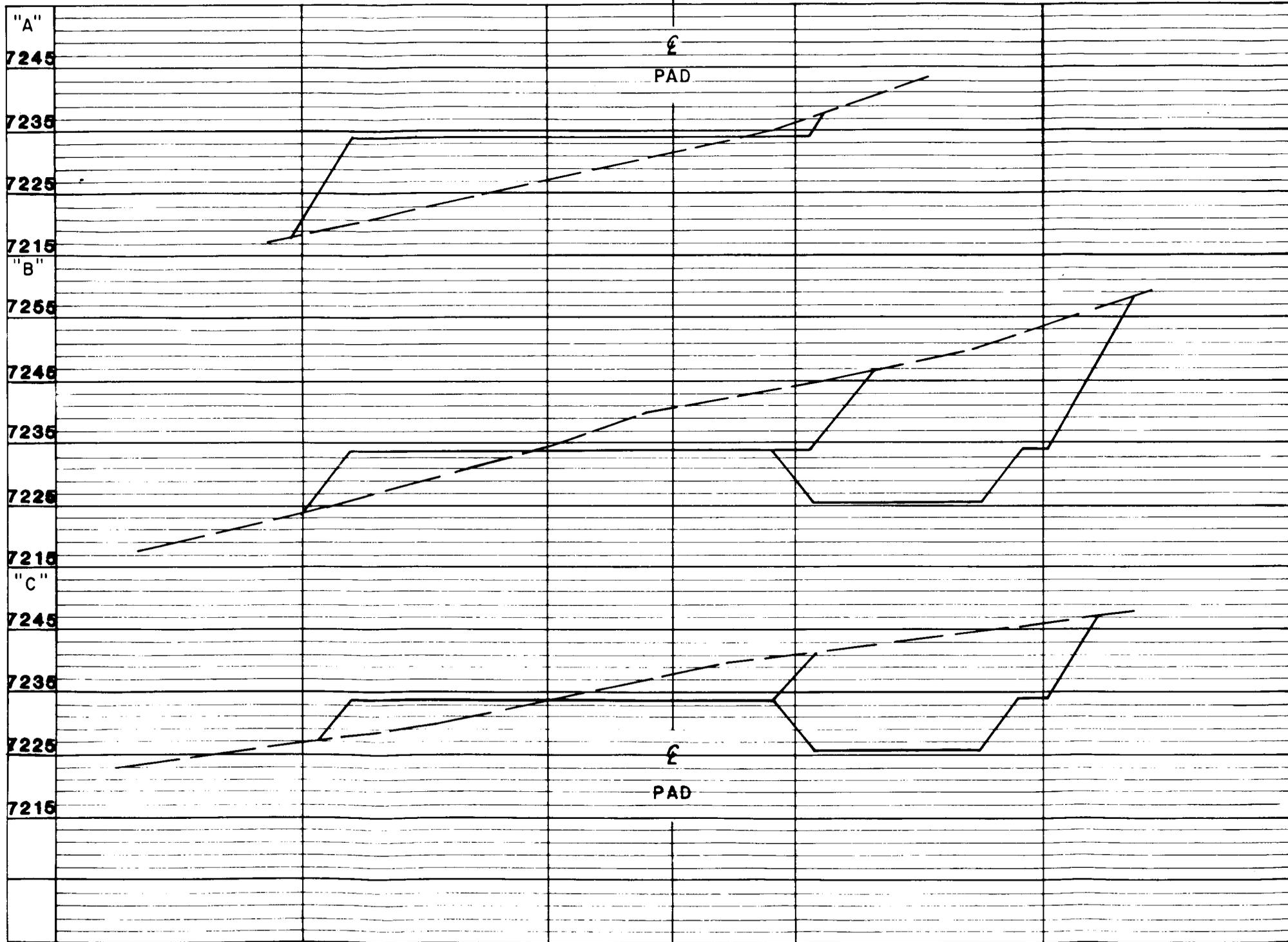
Reference Point
280' West
Elevation = 7252.1



Cut

VERTICAL SCALE 1" = 20'

of Drill Pad and Reserve Pit

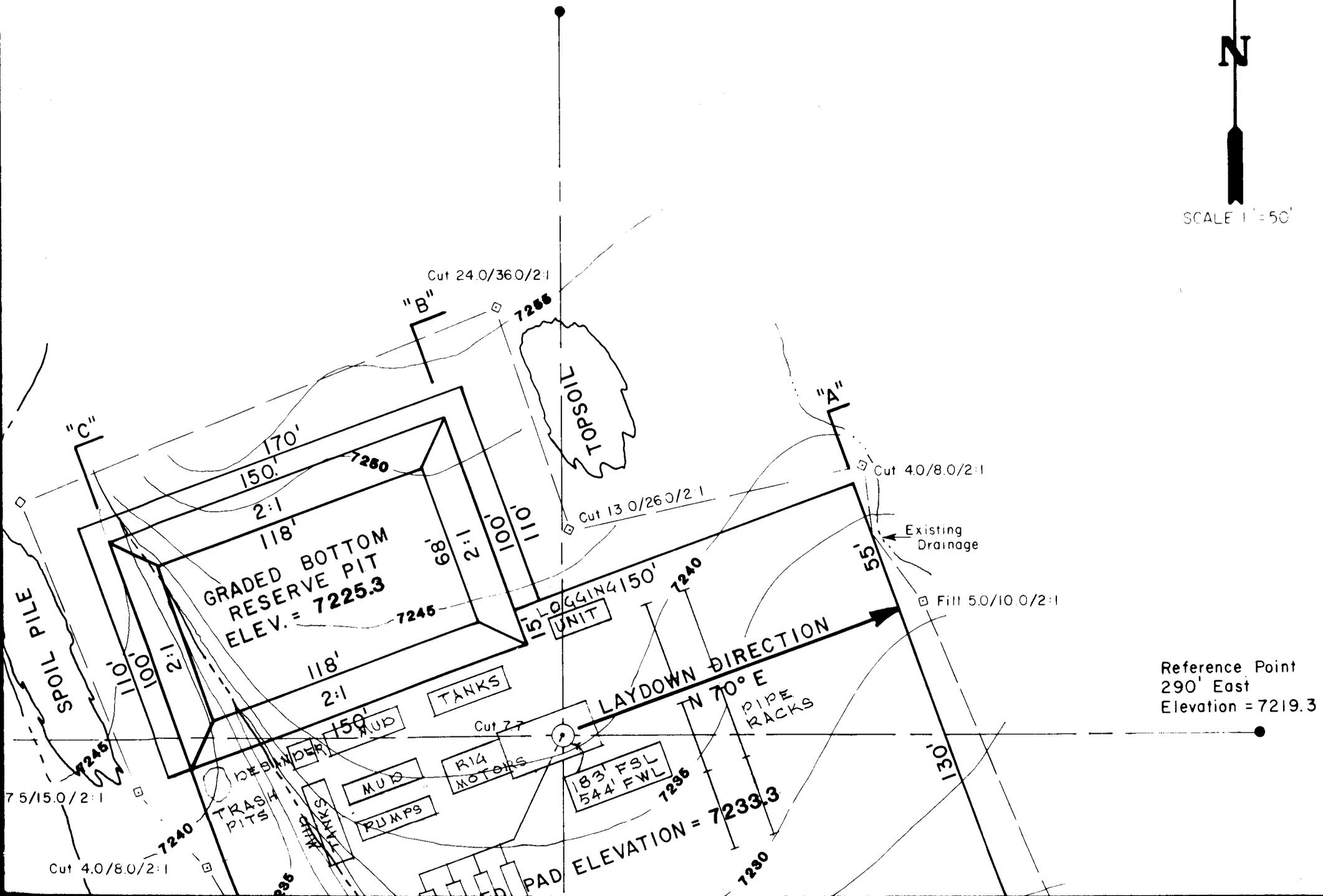


U.S.A.

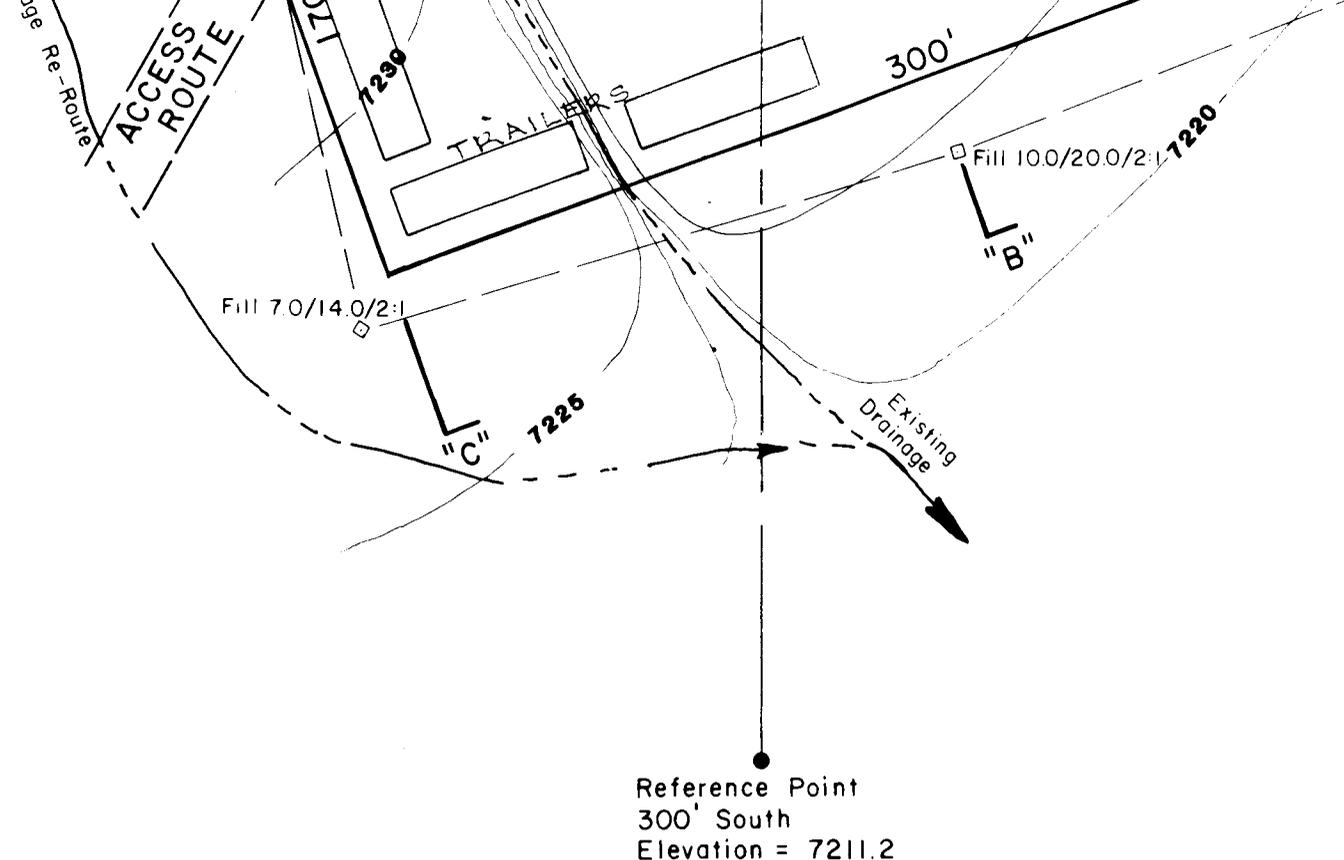
Reference Point
300' North
Elevation = 7261.1



SCALE 1" = 50'



Reference Point
290' East
Elevation = 7219.3



TOTAL YARDAGES

Cut= 15,246 cu.yds.
 Fill= 11,023 cu.yds. at 15 % shrinkage
 Spoil= 4,223 cu.yds.
 Topsoil= 2,558 cu.yds.

RESERVE PIT CAPACITY

Total Reserve Pit Capacity= 16,402 barrels at 8' depth.
 Working Reserve Pit Capacity= 11,267 barrels at 6' depth.

RECEIVED

JUL 02 1985

DIVISION OF OIL
 GAS & MINING

MAP
 TO
 ACCOMPANY APPLICATION
 FOR
 PERMIT TO DRILL

Applicant:

Exxon Company USA
 P.O. Box 1600
 Midland, Texas 79702

prepared by
 William H. Smith & Assoc. PC
 Surveying Consultants
 Green River, Wyoming

EXHIBIT "B"

W-C-2156

Date: 4/30/85 Job No. 83097.001
 Drawn by: SLC

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

API NO. 43-007-30112

SPUDDING INFORMATION

NAME OF COMPANY: EXXON CORPORATION

WELL NAME: WILDCAT CANYON FEDERAL #1

SECTION 23 TOWNSHIP 13S RANGE 8E COUNTY CARBON

DRILLING CONTRACTOR CHANDLER

RIG # 1

SPUDDED: DATE 8-28-85

TIME 7:00 pm

How Rotary

DRILLING WILL COMMENCE 8-28-85

REPORTED BY DAVE POMPERI

TELEPHONE # 303-789-7647

DATE 8-29-85 SIGNED SB/JF

9/11/85^C
SRB

Exxon — PxA verbal approval
Wildcat Canyon Fed. 1
Sec. 23, T13S, R8E
Carbon Co., Utah

TD @ ~~4750~~ 4750'

9 5/8" @ 586'

7" @ 3759'

Ferron @ 3924'

Dakota @ 4614'

- ① Plug at top of ~~the~~ Dakota.
- ② Plug across Ferron & csg. shoe.
- ③ Plug @ surface.

Plan to plug in couple of days

Paul Northrop
(915) 686-4309

EXXON COMPANY, U.S.A.

POST OFFICE BOX 1600 • MIDLAND, TEXAS 79702-1600

PRODUCTION DEPARTMENT
MIDCONTINENT DIVISION

RECEIVED

OCT 17 1985

DIVISION OF OIL
GAS & MINING

October 11, 1985

Wildcat Canyon Federal
Carbon County, UT

Bureau of Land Management
University Club Bldg.
136 E. South Temple
Salt Lake City, UT 84111

Gentlemen:

Please hold the attached completion report confidential for the maximum period of time.

Sincerely,



Melba Knipling

MK:dm

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985
PLEASE DESIGNATION AND SERIAL NO.

U-50643

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.)

RECEIVED

OCT 17 1985

DIVISION OF OIL
GAS & MINING

1. OIL WELL GAS WELL OTHER Dry

2. NAME OF OPERATOR
Exxon Corporation

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

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

183' FSL and 544 FWL of Section (SW SW)

7. UNIT AGREEMENT NAME

Wildcat Canyon

8. FARM OR LEASE NAME

Wildcat Canyon Federal

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

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

Sec. 23, T13S, R8E

14. PERMIT NO.
43-007-30112

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
7241' GR

12. COUNTY OR PARISH 13. STATE
Carbon UT

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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

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

The above well will be plugged and abandoned in the following manner:

- Set plug 4650 - 4550 w/ 20 sx CIH
- Set plug 3970 - 3740 w/50 sx CIH
- Set plug 50' - Surface w/10 sx CIH

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

DATE: 10/18/85
BY: John R. Baya

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

SIGNED Melba Knippling

TITLE Unit Head

DATE 10-10-85

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*See Instructions on Reverse Side

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

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

SUBMIT IN TRIPLICATE
(Other instructions on re-
turn label)

5. LEASE DESIGNATION AND SERIAL NO.
W-50643

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Wildcat Canyon

8. FARM OR LEASE NAME
Wildcat Canyon Federal

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 23, T13S, R8E

12. COUNTY OR PARISH
Carbon

13. STATE
UT

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 Dry

2. NAME OF OPERATOR
Exxon Corporation

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements of oil and gas laws. See also space 17 below.)
At surface
183' FSL and 544 FWL of Section (SW SW)

14. PERMIT NO.
43-007-30112

15. ELEVATIONS (Show whether DF, ST, GR, etc.)
7241' GR

RECEIVED
OCT 17 1985
**DIVISION OF OIL
GAS & MINING**

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 COMPLETION <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <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.) *

The above well was plugged and abandoned as follows:

Set plug 4650 - 4550 w/20 sx C1H
Set plug 3970 - 3750 w/50 sx C1H
Set plug 50'-Surface w/10 sx C1H

Cut off casinghead and installed dry hole marker 9-15-85.

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 10/13/85
BY: John R. Baya

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

SIGNED Melba Knigling TITLE Unit Head DATE 10-10-85

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL
SUBJECT: **WILDCAT**
(See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

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

2. NAME OF OPERATOR: Exxon Corporation

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements):
At surface: 183rd FSL and 544 FWL of Sec. (SW SW)
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO.: U-50643

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: _____

7. UNIT AGREEMENT NAME: Wildcat Canyon

8. FARM OR LEASE NAME: Wildcat Canyon Federal

9. WELL NO.: 1

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 23, T13S, R8E

RECEIVED
OCT 17 1985
DIVISION OF OIL
GAS & MINING

14. PERMIT NO.: 43-007-30112 DATE ISSUED: 7-10-85

12. COUNTY OR PARISH: Carbon 13. STATE: UT

15. DATE SPUDDED: 8-28-85 16. DATE T.D. REACHED: 9-11-85 17. DATE COMPL. (Ready to prod.): P&A 9-15-85

18. ELEVATION (DF, RKB, RT, GR, ETC.):* 7241' GR 19. ELEV. CASINGHEAD: _____

20. TOTAL DEPTH, MD & TVD: 4750 21. PLUG, BACK T.D., MD & TVD: _____ 22. IF MULTIPLE COMPL., HOW MANY*: _____

23. INTERVALS DRILLED BY: _____ ROTARY TOOLS: 0-4750 CABLE TOOLS: _____

24. PRODUCING INTERVAL(S). OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: _____

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: Induction, SNP-FDC, NGT, Sonic

27. WAS WELL CORED: No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8	36	586	12 1/4	210 sx Lite & 100 sx ClH	
7	23	3759	8 3/4	250 sx Lite & 100 sx ClH	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4650-4550	20 sx ClH
3970-3750	50 sx ClH
50-Surface	10 sx ClH

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

33. PRODUCTION

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

DATE OF TEST	HOURS TESTED	CHOKE 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: Logs will be sent under separate cover.

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

SIGNED: Melva Knippling TITLE: Unit Head DATE: 10-10-85

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

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):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Farin	3924	
				Dakota	4614	