

FILE NOTATIONS

Entered in NID File
Location Map Pinned
Card Indexed
✓
✓
✓

Checked by Chief
Approval Letter
Disapproval Letter

[Handwritten Signature]
8-16-73

COMPLETION DATA:

Date Well Completed *10-29-73*

Location Inspected

OW..... WW..... TA.....

Bond released

GW..... OS..... PA.....
✓

State or Fee Land

LOGS FILED

Driller's Log.....
✓

Electric Logs (No.)

E..... I..... Dual I Lat..... GR-N..... Micro.....

BHC Sonic GR..... Lat..... Mi-L..... Sonic.....

CBLog..... CCLog..... Others.....

Confidential Released 7-11-77 [Signature]

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

5. Lease Designation and Serial No.
Utah ML-28026

6. If Indian, Allottee or Tribe Name
-

7. Unit Agreement Name
-

8. Farm or Lease Name
Utah State "A"

9. Well No.
1

10. Field and Pool, or Wildcat
Wildcat

11. Sec., T., R., M., or Blk. and Survey or Area
Sec. 36-40S-20E

12. County or Parrish
San Juan

13. State
Utah

14. Distance in miles and direction from nearest town or post office*
Approx. 6 miles west of Bluff, Utah.

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)
1010'

16. No. of acres in lease
1280

17. No. of acres assigned to this well

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

19. Proposed depth
6800' - Miss.

20. Rotary or cable tools
Rotary

21. Elevations (Show whether DF, RT, GR, etc.)
4558' GR (Ungraded ground elevation)

22. Approx. date work will start*
August 25, 1973

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 120, Denver, Colo. 80201

4. Location of Well (Report location clearly and in accordance with any State requirements.*)
At surface **1010' FSL, 2440' FWL, Sec. 36-T40S-R20E**
At proposed prod. zone

NESESU

14. Distance in miles and direction from nearest town or post office*
Approx. 6 miles west of Bluff, Utah.

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)
1010'

16. No. of acres in lease
1280

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.
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19. Proposed depth
6800' - Miss.

20. Rotary or cable tools
Rotary

21. Elevations (Show whether DF, RT, GR, etc.)
4558' GR (Ungraded ground elevation)

22. Approx. date work will start*
August 25, 1973

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'	Fill annulus to surface.
11"	8-5/8"	24#	700'	Circulate to surface.
7-7/8"	5 1/2"	14.0# & 15.5#	6800'	Sufficient to cover all pays.

Mud program: From conductor pipe to surface casing depth, and from surface casing to T.D. with water-base mud having sufficient properties to maintain conditions for drilling operations.

Mud-Log and Wireline Logs: As needed for formation evaluation.

Blowout Preventer Program: On conductor pipe, use a "diverter" BOP w/relief line. On surface casing, use a 3-unit BOP stack w/choke manifold.

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 Dorsey Hawkins Title DIVISION ACCOUNTANT Date AUGUST 13, 1973

(This space for Federal or State office use)

Permit No. 43-031-30/20 Approval Date _____

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

Exxon

Exxon

Exxon

T-40-S, R-20-E

26

25

30

35

Exxon

36

31

Exxon

Lse. No. 28026
1280 Ac. Lease

Exxon

T-40-S
R-21-E



2440'

310'

200'

1010'

Utah State "A"

EIGHTH STANDARD PARALLEL
SOUTH

Exxon

#2

Exxon

T-41-S
R-20-E

T-41-S
R-21-E

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made under my supervision, and that the same is true and correct to the best of my knowledge and belief.

W.S. Westerfeld

LIC. LAND SURVEYOR CERT. 2339



THIS APPLICATION FOR WELL NO. 1

EXXON'S UTAH STATE "A" NO. 1, SEC. 36
T-40-S, R-20-E
SAN JUAN CO., UTAH

EXXON COMPANY USA.
PRODUCTION DEPARTMENT
MIDLAND TEXAS

DRAWN W.M.B.

ENGR. SECTION PO

REVISED _____

SCALE 1" = 1000'

JOB NO. _____

FILE NO. _____

CHECKED _____

APPROVED _____

DATE 7-27-73

A-6775

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

5. Lease Designation and Serial No.
Utah ML-28026

6. If Indian, Allottee or Tribe Name
-

7. Unit Agreement Name
-

8. Farm or Lease Name
Utah State "A"

9. Well No.
1

10. Field and Pool, or Wildcat
Wildcat

11. Sec., T., R., M., or Blk. and Survey or Area
Sec. 36-40S-20E

12. County or Parrish 13. State
San Juan Utah

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 120, Denver, Colo. 80201

4. Location of Well (Report location clearly and in accordance with any State requirements.)*
 At surface **1010' FSL, 2440' FWL, Sec. 36-T40S-R20E**
 At proposed prod. zone

14. Distance in miles and direction from nearest town or post office*
Approx. 6 miles west of Bluff, Utah.

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any) **1010'**

16. No. of acres in lease **1280**

17. No. of acres assigned to this well

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

19. Proposed depth **6800'**

20. Rotary or cable tools **Rotary**

21. Elevations (Show whether DF, RT, GR, etc.)
4558' GR (Ungraded ground elevation)

22. Approx. date work will start*
August 25, 1973

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'	Fill annulus to surface.
11"	8-5/8"	24#	700'	Circulate to surface.
7-7/8"	5 1/2"	14.0# & 15.5#	6800'	Sufficient to cover all pays.

Mud program: From conductor pipe to surface casing depth, and from surface casing to T.D. with water-base mud having sufficient properties to maintain conditions for drilling operations.

Mud-Log and Wireline Logs: As needed for formation evaluation.

Blowout Preventer Program: On conductor pipe, use a "diverter" BOP w/relief line.
 On surface casing, use a 3-unit BOP stack w/choke manifold.

APPROVED BY DIVISION OF OIL & GAS CONSERVATION

DATE **8-16-73**

BY

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 *Dorsey Hawkins* Title *DIVISION ACCOUNTANT* Date *AUGUST 13, 1973*

(This space for Federal or State office use)

Permit No. Approval Date

Approved by Title Date

Conditions of approval, if any:

Hold For Monday

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS CONSERVATION

IN THE MATTER OF THE APPLICATION)
OF EXXON COMPANY, U.S.A. FOR AN)
EXCEPTION PERMITTING A WELL)
LOCATION 1010 FEET FROM THE SOUTH)
LINE AND 2440 FEET FROM THE WEST)
LINE OF SECTION 36, TOWNSHIP 40)
SOUTH, RANGE 20 EAST, SAN JUAN)
COUNTY, UTAH)

APPLICATION

No. _____

TO THE DIVISION, ITS STAFF, AND ALL OTHER PERSONS WHO MAY BE INTERESTED OR CONCERNED:

EXXON COMPANY, U.S.A., a division of EXXON CORPORATION, a corporation qualified to do business in the State of Utah, files this its application for a spacing exception and respectfully shows:

1. That the well proposed to be drilled is not within an area covered by a special spacing rule and is not within a pool for which drilling units have been established.

2. That the location proposed was chosen because the rugged terrain would make it impractical to drill the well proposed at a location not less than 500 feet from the boundary of a legal subdivision comprising a governmental quarter-quarter section or an equivalent lot or lots.

3. That applicant owns all oil and gas leases within a radius of 660 feet of the proposed location.

4. That there is attached to this application and by this reference made a part hereof a plat marked Exhibit A upon which is colored in yellow the lands covered by leases owned by this applicant.

5. That there is no advantage whatsoever obtained by this applicant by reason of the location requested other than the advantage of locating the well where terrain permits such location as a practical matter and no producer or lease owner will be adversely affected.

WHEREFORE, applicant requests that this application be handled without notice and hearing and applicant be permitted to drill a well at the location requested.

Dated this 2nd day of August, 1973.

Respectfully submitted,

EXXON COMPANY, U.S.A.

Address:
Post Office Box 120
Denver, Colorado 80201

By William Livingston
its Division Attorney

Telephone: (303)761-6470

STATE OF COLORADO)
) SS.
COUNTY OF ARAPAHOE)

WILLIAM S. LIVINGSTON, being first duly sworn on oath deposes and says that he is the party who executed the foregoing application for and on behalf of Exxon Company, U.S.A., that he has read the above application, and that the information contained therein is, to the best of his knowledge and belief, true, correct and complete.

Dated this 2nd day of August, 1973.

William Livingston
William S. Livingston

Subscribed and sworn to before me this 2nd day of August, 1973.

My commission expires:
My Commission expires Sept. 15, 1973

Mary C. Beech
Notary Public

Comb Ridge Block
San Juan County, Utah

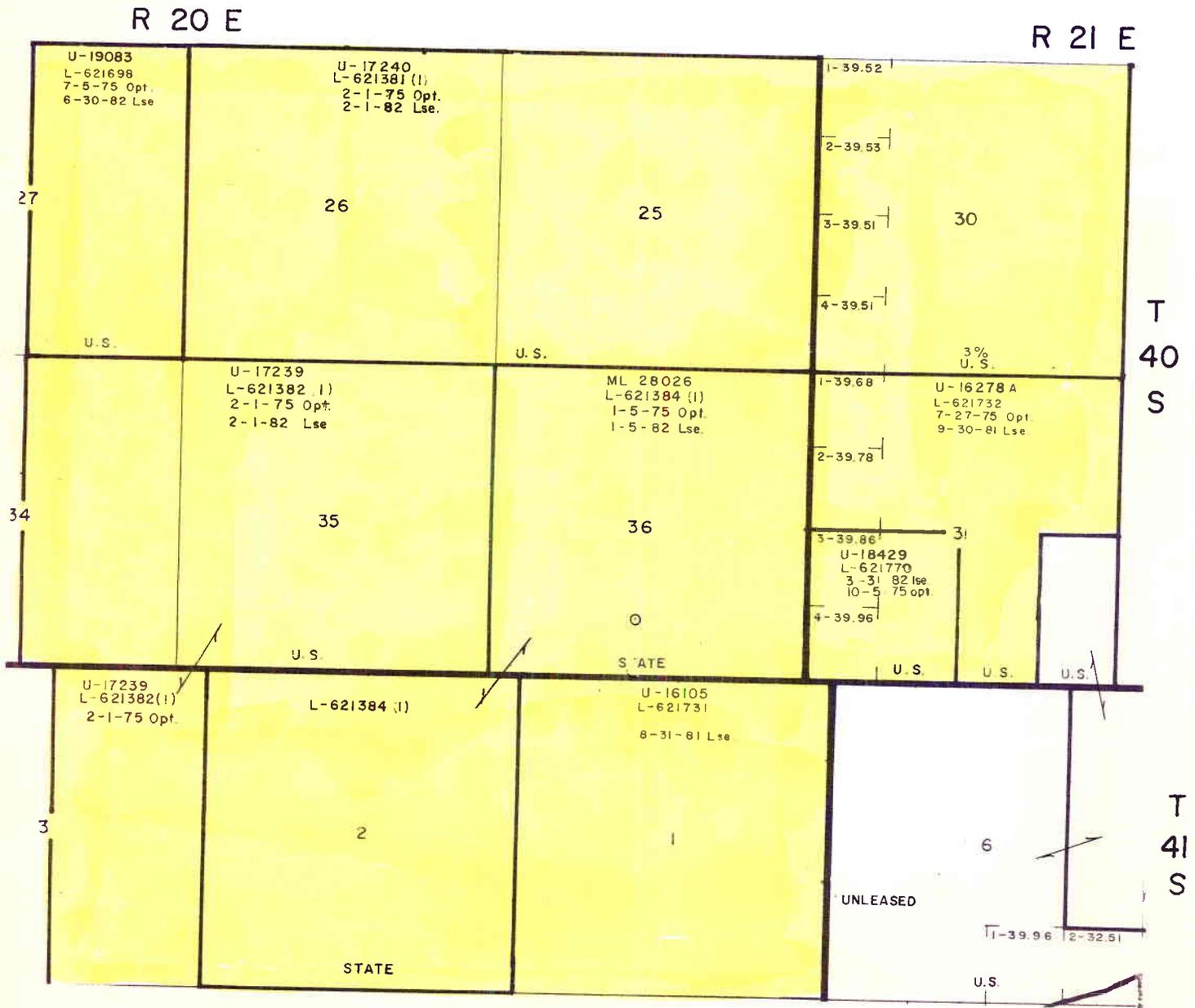


EXHIBIT A

EXXON COMPANY, U.S.A.

POST OFFICE BOX 120 • DENVER, COLORADO 80201

EXPLORATION DEPARTMENT
WESTERN DIVISION

DORSEY HAWKINS
DIVISION ACCOUNTANT

August 13, 1973

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

Gentlemen:

Re: Utah State A No. 1
San Juan County, Utah, Wildcat

As discussed on August 7, 1973, with the Commission's Mr. Cleon B. Feight and Mr. Paul W. Burchell by Exxon's Mr. W. S. Livingston, Exxon proposes to drill the subject well on irregular spacing as covered by Rule C-3(c). Pertinent data are shown on the attached plat and the Application for Permit to Drill. Terrain is quite rough in the area, such that preparation of a regular location would be more difficult than for the proposed location.

Issuance of a Permit to Drill at the proposed location will be appreciated.

Very truly yours,



Dorsey Hawkins

EGH:mg
Attachments

August 16, 1973

Exxon Corporation, USA
Box 120
Denver, Colorado 80201

Re: Well No. Utah State "A" #1
Sec. 36, T. 40 S, R. 20 E,
San Juan County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with the topographic exception under Rule C-3(c), 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:

PAUL W. BURCHELL - Chief Petroleum Engineer
HOME: 277-2890
OFFICE: 328-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation relative to the above will be greatly appreciated.

The API number assigned to this well is 43-037-30120.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CEEON B. FEIGHT
DIRECTOR

CBF:sd
cc: Division of State Lands

CONFIDENTIAL

Form DOGC-4

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

1588 WEST NORTH TEMPLE
SALT LAKE CITY, UTAH 84116
328-5771

State Lease No. Utah ML-28026
Federal Lease No. _____
Indian Lease No. _____
Fee & Pat. _____

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY San Juan FIELD/LEASE Exxon #1 Utah State "A" Comb Ridge Area Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of:
September, 19 73.

Agent's Address _____ Company Exxon Corporation
Signed Dorsey Hawkins
Title Division Accountant
Phone No. _____

Sec. and 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 36 SE 1/4 SW 1/4	40S	20E	1							<p>Spudded: 9-18-73, Ran 2 jts 13-3/8" conductor pipe to 38' and cemented w/30 sx neat + 2% CaCl₂ to surface.</p> <p>9-21-73: Ran 18 jts 8-5/8" (687') casing @ set at 703'. Cemented w/250 sacks CL "A" w/8% Bentonite, 2% CaCl₂, 100 sacks CL "A" w/2% slurry cement circulated to surface.</p> <p>9-22-73: Pressure test to 2000#.</p> <p>9-23-73 to 9-30-73: Drilling in 7-7/8" hole.</p> <p>Gas Sold _____ Flared/Vented _____ Used on/off Lease _____</p>

CONFIDENTIAL

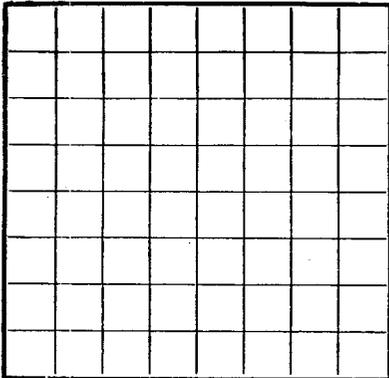
NOTE: There were _____ runs or sales of oil; _____ M. cu. ft. of gas sold; _____ runs or sales of gasoline during the month.

DRILLING/PRODUCING WELLS: This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. THIS REPORT MUST BE FILED IN DUPLICATE.

CONFIDENTIAL

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

Salt Lake City, Utah



LOCATE WELL CORRECTLY

To be kept Confidential until _____
(Not to exceed 4 months after filing date)

LOG OF OIL OR GAS WELL

Operating Company Exxon Corporation Address P. O. Box 120, Denver, CO 80201
Lease or Tract: Utah State A Field Wildcat State Utah
Well No. 1 Sec. 36 T. 40S R. 20E Meridian Salt Lake County San Juan
Location 1010 ft. N. of S. Line and 2440 ft. E. of W. Line of Section Elevation 4571
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed _____

Date _____ Title _____

The summary on this page is for the condition of the well at above date.

Commenced drilling 9-18, 19 73 Finished drilling (P&A) 10-29, 19 73
(Reach TD on 10-26-73)

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____ No. 4, from _____ to _____

No. 2, from _____ to _____ No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____

No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From-	To-	
13-3/8	48#	8	CF&I	33.90'	None				Conductor
8-5/8	24#	8	Sumit-sho	687.00'	Guideshoe				Surface

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	38'	30 sks.			
8-5/8	703'	350 sks.			

MARK

X

FOLD

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set
 Adapters—Material Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 6983^{TD} feet, and from feet to feet
 Cable tools were used from feet to feet, and from feet to feet

DATES

Date P & A 10-29, 1973 Put to producing, 19.....

The production for the first 24 hours was barrels of fluid of which% was oil;% emulsion;% water; and% sediment. Gravity, °Bé.

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

EMPLOYEES

....., Driller Driller
 Driller Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			At the end of complete Driller's Log add Geologic Tops. State whether from Electric Logs or samples.
0	990	990	Glen Canyon Group (Jurassic)
990	1885	895	Chinle (Triassic)
1885	2010	125	Moenkopi (Triassic)
2010	2102	92	DeChelly (Permian)
2102	3440	1338	Organ Rock (Permian)
3440	4820	1380	Hermosa (Pennsylvanian)
4820	4970	150	Ismay (Pennsylvanian)
4970	5155	185	Desert Creek (Pennsylvanian)
5155	5475	320	Akah (Pennsylvanian)
5475	5696	221	Barker Creek (Pennsylvanian)
5696	5890	194	Alkali Gulch (Pennsylvanian)
5890	6180	290	Molas (Pennsylvanian)
6180	6560	380	Leadville (Mississippian)
6560	6678	118	Ouray (Devonian)
6678	6870	192	Elbert (Devonian)
6870	6976 (T.D.)	106	McCracken (Devonian)

All depths listed above are Induction Log Depths.

[OVER]

BRONX COPY STORED - 1973

EXXON COMPANY, U.S.A.

POST OFFICE BOX 120 · DENVER, COLORADO 80201

EXPLORATION
WESTERN DIVISION

GENE D. THOMPSON
DRILLING MANAGER

October 8, 1973

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

Attn: Mr. Cleon B. Feight, Director

Gentlemen;

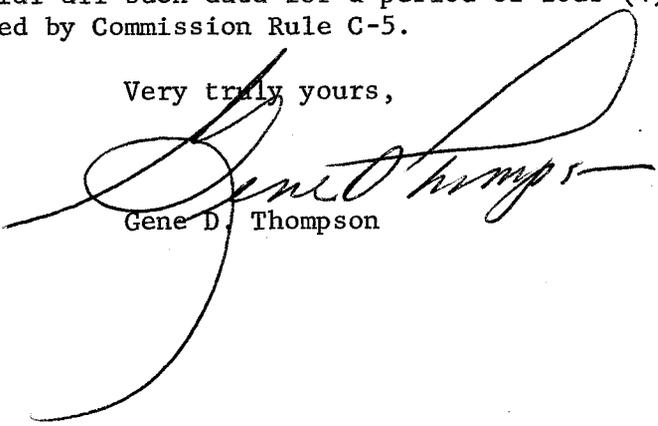
Re: Exxon #1 Utah State "A"
San Juan County, Utah, Wildcat
A.P.I. No. 43-037-30120

Please be advised that Exxon is drilling the above-referenced well as a "tight-hole" wildcat.

Accordingly, future submittals of geological and operational data will be marked "Confidential" by Exxon.

Please keep confidential all such data for a period of four (4) months after date due, as covered by Commission Rule C-5.

Very truly yours,


Gene D. Thompson

EGH:mg

679704 - 2032 *

PRESSURE

TIME

679704 - 4352 *

Each Horizontal Line Equal to 1000 p.s.i.

679704 - 786 *

TIGHT HOLE

FLUID SAMPLE DATA				Date 10-2-73		Ticket Number 635158			
Sampler Pressure _____ P.S.I.G. at Surface				Kind of Job OPEN HOLE		Halliburton District FARMINGTON			
Recovery: Cu. Ft. Gas _____				Tester MR. DAVIS		Witness MR. HIGHLAND			
cc. Oil _____				Drilling Contractor LOFFLAND BROTHERS DRILLING COMPANY					
cc. Water _____				EQUIPMENT & HOLE DATA DR					
cc. Mud _____				Formation Tested Tight Hole					
Tot. Liquid cc. _____				Elevation _____ Ft.					
Gravity _____ ° API @ _____ °F.				Net Productive Interval 35' Ft.					
Gas/Oil Ratio _____ cu. ft./bbl.				All Depths Measured From Rotary Kelly Bushing					
RESISTIVITY _____ CHLORIDE CONTENT _____				Total Depth 4062' Ft.					
Recovery Water _____ @ _____ °F. _____ ppm				Main Hole/Casing Size 7 7/8"					
Recovery Mud _____ @ _____ °F.				Drill Collar Length 702' I.D. 2 1/2"					
Recovery Mud Filtrate _____ @ _____ °F. _____ ppm				Drill Pipe Length 3286' I.D. 3.826"					
Mud Pit Sample _____ @ _____ °F.				Packer Depth(s) 4022'-4027' Ft.					
Mud Pit Sample Filtrate _____ @ _____ °F. _____ ppm				Depth Tester Valve 3997' Ft.					
Mud Weight 9.1 vis 34 cp									
TYPE		AMOUNT		Depth Back Pres. Valve		Surface Choke		Bottom Manifold Choke	
Cushion								3/4"	
Recovered		80 Feet of		slightly oil cut mud					
Recovered		Feet of							
Recovered		Feet of							
Recovered		Feet of							
Recovered		Feet of							
Remarks Opened tool for 15 minute first flow with a very weak blow. Closed tool for 60 minute first closed in pressure. Reopened tool for 120 minute second flow with a weak blow throughout test. No gas to surface. Closed tool for 240 minute second closed in pressure.									
* Three thermometers									
TEMPERATURE		Gauge No. 4352		Gauge No. 2032		Gauge No. 2033		TIME	
		Depth: 3929 Ft.		Depth: 4001 Ft.		Depth: 4058 Ft.			
		12 Hour Clock		12 Hour Clock		12 Hour Clock		Tool 07:00 A.M.	
Est. 104 °F.		Blanked Off No		Blanked Off No		Blanked Off Yes		Opened 07:00 P.M.	
* 104								Tool 14:15 A.M.	
Actual 108 °F.		Pressures		Pressures		Pressures		Closed 14:15 P.M.	
		Field		Office		Field		Office	
Initial Hydrostatic		-		2007.9		1938		2037 1963	
First Period	Flow	Initial		14		26.6		17 5312 51	
		Final		14		26.6		17 5312 51	
		Closed in		14		53.2		39 5312 64	
Second Period	Flow	Initial		14		26.6		35 5312 61	
		Final		14		26.6		39 5312 61	
		Closed in		14		133		144 159.6 166	
Third Period	Flow	Initial							
		Final							
		Closed in							
Final Hydrostatic		-		2007.9		1938		2037 1963	

Legal Location Sec. - Twp. - Rng. **36-40S-20E**
 Lease Name **WILD CAT**
 Field Area **WILD CAT**
 Meas. From Tester Valve
 County **SAN JUAN**
 State **UTAH**

EXXON UTAH STATE "A"
 1
 Well No. **4027'-4062'**
 Test No. **1**
 Tested Interval
 EXXON COMPANY U.S.A.
 Lease Owner/Concess. Name



	O. D.	I. D.	LENGTH	DEPTH
Reversing Sub DP	4 1/2"	3.8"	3350'	-5 to 3345'
Water Cushion Valve DC (15)	6"	2 1/4"	465	3345-3810'
Drill Pipe Reversing sub				3810-11'
Drill Collars -one stand	6"	2 1/4"		3811'-3901'
Handling Sub & Choke Assembly			4'	3901'05'
Packer recorder	5"	1"	5'	3905'-10'
Dual CIP Valve	6"	2 1/4"	90'	3910'4000'
Dual CIP Sampler Stand of DC	5"	.75"	4'	4000'-4004'
Hydro-Spring Tester				
Multiple CIP Sampler				
Extension Joint				
AP Running Case			4'	4004'-4008'
Packer @ top 4004' 5"				
Hydraulic Jar	5"	1"	5'	4008'4013'
VR Safety Joint	5"	1"	2'	4013'4015'
Pressure Equalizing Crossover				
Packer Assembly	6 3/4"	1.3"	5'	4015'-4020'
Distributor	5"	1.3"	2'	4020'-4022'
Packer Assembly	6 3/4"	1.3"	5'	4022'-4027'
Flush Joint Anchor	5 3/4"	2 1/2"	31'	4027'-4058'
Pressure Equalizing Tube				
Blanked-Off B.T. Running Case				
Drill Collars				
Anchor Pipe Safety Joint				
Packer Assembly				
Packer Assembly				
Anchor Pipe Safety Joint				
Side Wall Anchor				
Drill Collars				
Flush Joint Anchor				
Blanked-Off B.T. Running Case	5 3/4"		4'	Top 4058'
				Bottom 4062'

679702-2032

PRESSURE

TIME

679702-4352

Each Horizontal Line Equal to 1000 p.s.i.

679702-786

	O. D.	I. D.	LENGTH	DEPTH
Drill Pipe or Tubing	6"	3"	1'	
Reversing Sub				
Water Cushion Valve				
Drill Pipe	4 1/2"	3.826"	??	
Drill Collars	6 1/4"	2 1/2"	??	
Handling Sub & Choke Assembly	5"		4'	4684'
AP CASE				
Dual CIP Sampler	5"		7'	
DRILL COLLAR	6 1/4"	2 1/2"	93'	
Dual CIP Sampler	5"	3/4"	5'	
Hydro-Spring Tester				
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5"		4'	4790'
Hydraulic Jar	5"	1"	6'	
VR Safety Joint	5"	1"	3'	
Pressure Equalizing Crossover				
Packer Assembly	6 3/4"	2"	6'	4802'
Distributor	5"	1 1/2"	2'	
Packer Assembly	6 3/4"	2"	6'	4810'
Flush Joint Anchor				
Pressure Equalizing Tube				
Blanked-Off B.T. Running Case				
Drill Collars				
Anchor Pipe Safety Joint				
Packer Assembly				
Distributor				
Packer Assembly				
Anchor Pipe Safety Joint				
Side Wall Anchor				
Drill Collars	6 1/2"	2 1/2"	29'	
Flush Joint Anchor	5 3/4"	2 1/2"	12'	
Blanked-Off B.T. Running Case	5 3/4"	-	5'	4856'
Total Depth				

15

635158-4352

PRESSURE

TIME

635158-2032

Each Horizontal Line Equal to 1000 p.s.i.

635158-2033

FLUID SAMPLE DATA				Date	10-9-73	Ticket Number	679704
Sampler Pressure _____ P.S.I.G. at Surface				Kind of Job	OPEN HOLE	Halliburton District	FARMINGTON
Recovery: Cu. Ft. Gas _____				Tester	SMITH	Witness	HIGHLAND
cc. Oil _____				Drilling Contractor	LOFFLAND BROTHERS		NM S
cc. Water _____				EQUIPMENT & HOLE DATA			
cc. Mud _____				Formation Tested	-		
Tot. Liquid cc. _____				Elevation	_____ Ft.		
Gravity _____ ° API @ _____ ° F.				Net Productive Interval	_____ Ft.		
Gas/Oil Ratio _____ cu. ft./bbl.				All Depths Measured From	Rotary Kelly Bushing		
RESISTIVITY				Total Depth	_____ Ft.		
CHLORIDE CONTENT				Main Hole/Casing Size	7 7/8"		
Recovery Water	_____ @ _____ ° F.	_____ ppm		Drill Collar Length	_____ I.D.		
Recovery Mud	_____ @ _____ ° F.	_____ ppm		Drill Pipe Length	_____ I.D.		
Recovery Mud Filtrate	_____ @ _____ ° F.	_____ ppm		Packer Depth(s)	4914' - 4920' _____ Ft.		
Mud Pit Sample	_____ @ _____ ° F.	_____ ppm		Depth Tester Valve	4898' _____ Ft.		
Mud Pit Sample Filtrate	_____ @ _____ ° F.	_____ ppm					
Mud Weight	_____ vis _____ cp						
Cushion	TYPE	AMOUNT	Depth Back Pres. Valve	Surface Choke	Bottom Choke		
	NONE	NONE	NONE	NONE	3/4"		
Recovered	120'	Feet of	drilling mud				
Recovered	90'	Feet of	highly gas and slightly oil and water cut mud				
Recovered		Feet of					
Recovered		Feet of					
Recovered		Feet of					
Remarks							
Tool opened with a weak blow for a 13 minute first flow. Closed							
tool for a 62 minute first closed in pressure. Tool reopened with a very							
weak blow - steady throughout the test. Took a 179 minute second closed							
in pressure.							
TEMPERATURE	Gauge No. 2033	Gauge No. 4352	Gauge No. 786	TIME			
	Depth: 4795' Ft.	Depth: 4902' Ft.	Depth: 5022' Ft.				
Est. °F.	12 Hour Clock	12 Hour Clock	12 Hour Clock	Tool	A.M.		
	Blanked Off NO	Blanked Off NO	Blanked Off YES	Opened	0725 P.M.		
Actual 114°F.	RUN ABOVE DCIP			Opened	A.M.		
	Pressures SAMPLER	Pressures	Pressures	Bypass	1340 P.M.		
	Field	Office	Field	Office	Field	Office	Reported
Initial Hydrostatic	-	-	2322.6	2393	2373.3	2453	Minutes
First Period	Flow Initial	0	27.1	31	82.2	108	Minutes
	Flow Final	26.6	54.1	50	137.0	127	15
	Closed in	26.6	1630.3	1650	1651.5	1712	60
Second Period	Flow Initial	79.8	54.1	81	137.0	156	Minutes
	Flow Final	79.8	135.2	158	246.6	255	120
	Closed in	79.8	1736.7	1761	1812.3	1823	180
Third Period	Flow Initial						Minutes
	Flow Final						Minutes
Closed in							Minutes
Final Hydrostatic	-	-	2322.6	2333	2373.3	2395	Minutes

Legal Location Sec. - Twp. - Rng. 36 - 40S - 20E
 Well No. A-1
 Test No. 3
 Tested Interval 4920' - 5026'
 Field Area WILDCAT
 County SAN JUAN
 State UTAH

LEASE NAME
 EXXON COMPANY U.S.A.
 Lease Owner/Company Name

Gauge No. 4352			Depth 4902'				Clock No. 10444			12 hour		Ticket No. 679704			
First Flow Period			First Closed In Pressure			Second Flow Period		Second Closed In Pressure			Third Flow Period		Third Closed In Pressure		
	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.
0	.000	31	.000		50	.000	81	.000		158					
1	.0219	36*	.0516		69**	.1406	98***	.0736		353****					
2	.0365	38	.0903		105	.2745	104	.1538		823					
3	.0511	42	.1290		191	.4084	132	.2340		1251					
4	.0657	45	.1677		428	.5423	131	.3142		1428					
5	.0803	46	.2064		934	.6762	155	.3944		1520					
6	.0950	50	.2451		1291	.8100	158	.4746		1574					
7			.2838		1457			.5548		1617					
8			.3225		1541			.6350		1649					
9			.3612		1605			.7152		1673					
10			.4000		1650			.7954		1694					
11								.8756		1711					
12								.9558		1727					
13								1.0360		1741					
14								1.1162		1750					
15								1.1970		1761					

Gauge No. 786			Depth 5022'				Clock No. 2313			hour 12				
	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.		
0	.000	108	.000		127	.000	156	.000		255				
1	.0203	114*	.0530		148**	.1404	175***	.0732		441****				
2	.0338	123	.0928		166	.2741	185	.1530		909				
3	.0473	125	.1326		236	.4078	210	.2328		1324				
4	.0608	127	.1724		455	.5415	207	.3126		1491				
5	.0743	127	.2122		955	.6752	242	.3924		1582				
6	.0880	127	.2520		1335	.8090	255	.4722		1635				
7			.2918		1509			.5520		1678				
8			.3316		1601			.6318		1709				
9			.3714		1666			.7116		1736				
10			.4110		1712			.7914		1756				
11								.8712		1773				
12								.9510		1790				
13								1.0308		1802				
14								1.1106		1814				
15								1.1910		1823				
Reading Interval 2			6			20			12			Minutes		

REMARKS: * INTERVAL = 3 MINUTES. ** INTERVAL = 8 MINUTES. *** INTERVAL = 21 MINUTES. **** INTERVAL = 11 MINUTES.

	O. D.	I. D.	LENGTH	DEPTH
Drill Pipe or Tubing		3"		
Reversing Sub	6"			
Water Cushion Valve				
Drill Pipe				
Drill Collars				
Working Sub & Choke Assembly APCASE	5"		4'	4795'
Dual CIP Valve SAMPLER	5"		7'	
Deep CIP Sampler DRILL COLLARS	6"	2 1/2"	93'	
Hydro-Spring Tester	5"	3 3/4"	5'	4898'
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5"		4'	4902'
Hydraulic Jar	5"	1"	6'	
VR Safety Joint	5"	1"	3'	
Pressure Equalizing Crossover				
Packer Assembly	6 3/4"	2"	6'	4914'
Distributor	5"	1 1/2"	2'	
Packer Assembly	6 3/4"	2"	6'	4920'
Flush Joint Anchor				
Pressure Equalizing Tube				
Blanked-Off B.T. Running Case				
Drill Collars				
Anchor Pipe Safety Joint				
Packer Assembly				
Distributor				
Packer Assembly				
Anchor Pipe Safety Joint				
Side Wall Anchor				
Drill Collars	6"	2 1/2"	88'	
Flush Joint Anchor	5 3/4"	2 1/2"	10'	
Blanked-Off B.T. Running Case	5 3/4"	-	5'	5022'
Total Depth				

7

El Naga - Olson - ~~144~~

© 6670. - dly to 7000 150' ~~150'~~

© 1026/mach/- 9.60/ft netz med.

surface Casey 703' - 8 5/8"
 7 7/8" hole spud in Navajo
 De Chelly - 2010 - 9' water
 Hermosa - 3965
 Dismal - 4815
 Desert Creek - 4972 5180 lead
 Leadville - 6120 isolated
 McCracken ≈ 6850
 anelt ≈ 6950

- ① 100' plug across McCracken
- ② 100' plug from 6000 to 6120 (lost circulator)
- ③ 200' across Dismal & 4800' to 5000
- ④ 100' across top of Hermosa 3900 to 4000

⑤ 100' 75% mid prep 9/3/23
 625-725 25% out
 [Signature]

5

El Nayer: EXXON

100' on top of Devonian Mc Crocker
 middle
 Elbert & ^{upper} Ourray - Devonian
 lower
 Mc Crocker

Change to top of Devonian
or Ourray

PMB

10/24/73

MS

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO. Utah ML-28026
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME Utah State "A"
9. WELL NO. 1
10. FIELD AND POOL, OR WILDCAT Wildcat
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 36-40S-20E
12. COUNTY OR PARISH San Juan
13. STATE Utah

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 Wildcat

2. NAME OF OPERATOR
Exxon Corporation

3. ADDRESS OF OPERATOR
P. O. Box 120, Denver, Colorado 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
1010' FSL, 2440' FWL, Section 36-T40S-R20E

14. PERMIT NO.
43-037-30120

15. ELEVATIONS (Show whether DF, RT, GR, etc.) (ungraded ground elevation)
4558' GR

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* Dry Hole <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 Recombination 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.)*

- Place 100' plug on top of Devonian (top of Ouray) w/DP opposite or just below this "top". At least 40 sacks. NOTE: Leave 9.5#/gal. mud bet. plgs.
- Place 100'+ plug (minimum of 50 sx) on top of Leadville (Mississippian) at approximately 6000-6120'.
- Spot 200' plug (minimum of 100 sx) with top of plug opposite or just above top of Ismay (Penn.). (Seal off Ismay & Desert Creek at approximately 4800-5000'.)
- Place 100' plug (minimum of 50 sx) across top of Hermosa (Penn.) at approximately 3900-4000'.
- Spot 100' plug (minimum of 40 sx) at 625-725' (25' out, 75' in casing).
- Place 10-sx plug in top of 8-5/8" surface casing.
- Dry hole marker to be a piece of pipe (sealed at top end) at least 4" OD X 10' long w/4' above ground and bottom 6' embedded in cement.
On marker show: Exxon Company, U.S.A.
Exxon #1 Utah State "A"
Sec. 36-T40S-R20E

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

SIGNED *Rossey Lawrence* TITLE Division Accountant DATE 10-30-73

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
OIL & GAS CONSERVATION

DATE 11-1-73
BY *es Fergat*

DOW TYE
Please handle
djh

Denver, Colorado
November 6, 1973

Mr. Gene D. Thompson

Re: Distribution of Reports and Logs
Exxon #1 Utah State A
San Juan County, Utah

All logs, samples, and miscellaneous reports have been distributed to the proper persons with the exception of those required by the State of Utah, Department of Natural Resources. Data remaining to be filed includes:

- ✓ Form OGC-8-X Report of Water Encountered During Drilling, Rule C-20 (90 days) - *negative report to be filed*
- show loc (in Item 4)* → ✓ Form OGCC-1 Report of Abandonment, Rule D-2 (30 days) - *OK*
- Form OGCC-3 Log of Oil or Gas Well, Rule C-5 (90 days); this log will include a well history, test data, casing data, including cementing details, and descriptions of oil and gas encountered. - *OK*

All logs run, which includes the DIL, Sonic, Density-CNL and Dipmeter, must be filed within 90 days (Rule C-5). There is no mention of a requirement to file the mudlog, core analysis, or Dipmeter computation.

The Accounting Section will be responsible for filing the above forms and logs, although Ed Hays and I expect to provide the necessary drilling and geological data. Copies of the abovementioned forms are attached.

Other work to be completed by the Evaluation Group includes a log analysis summary by Bill Grieves and a plotted log by Ken Barnes.

J. R. Switzer
J. R. Switzer

JRS:mg
Attachments

cc: Dorsey Hawkins ✓

EXXON COMPANY, U.S.A.

POST OFFICE BOX 120 • DENVER, COLORADO 80201

EXPLORATION DEPARTMENT
WESTERN DIVISION

DORSEY HAWKINS
DIVISION ACCOUNTANT

November 20, 1973

Re: Exxon #1 Utah State A
San Juan County, Utah

State of Utah
Department of Natural Resources
Division of Oil & Gas Conservation
1588 West, North Temple
Salt Lake City, Utah 84116

To comply with State of Utah requirements, the following are forwarded herewith for your records:

Schlumberger Borehole Compensated Sonic Log - Gamma Ray
Schlumberger Dual Induction - Laterlogs (2)
Schlumberger Compensated Neutron - Formation Density Log
Schlumberger Compensated Formation Density Log
Formation Testing Reports (3)
Core Descriptions (2)
Form OGC 8-X Report of Water Encountered During Drilling
Form OGCC-1b Sundry Subsequent Report of Abandonment
Form OGCC-3 Log of Oil or Gas Well



Dorsey Hawkins

DH/ch

Attachment

OIL & GAS CONSERVATION COMMISSION

5. LEASE DESIGNATION AND SERIAL NO.

Utah ML-28026

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

7. UNIT AGREEMENT NAME

1. OIL WELL GAS WELL OTHER Wildcat

2. NAME OF OPERATOR
Exxon Corporation

8. FARM OR LEASE NAME
Utah State "A"

3. ADDRESS OF OPERATOR
P. O. Box 120, Denver, CO 80201

9. WELL NO. Exxon #1
Utah State "A"

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

10. FIELD AND POOL, OR WILDCAT
Wildcat

1010' NSL and 2440' EWL
Sec. 36 T40S, R20E, Salt Lake Median
San Juan County, Utah

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 36-40S-20E

14. PERMIT NO.
43-037-30120

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4558' GR; 4572' KB

12. COUNTY OR PARISH 13. STATE
San Juan Utah

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*
dry hole

(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.)*

10-28-73 to 10-2973 Plugged Well (Total Depth 6983'; 9.2-9.5#/gal. Mud)
Plug #1 6700'-6800' 50 sks. cement top of Devonian (top of Ouroy)
Plug #2 6100'-6230' 75 sks. cement top of Leadville (Miss.)
Plug #3 4800'-5050' 125 sks. cement across Ismay & Desert Creek (Penn.)
Plug #4 3900'-4000' 50 sks. cement across top of Hermosa
Plug #5 550'- 750' 100 sks. cement across shoe of 8-5/8" casing, WOC, Tagged
Plug #6 460'- 660' 100 sks. cement "Extra" plug in surface casing
Plug #7 Top of 8-5/8" surface casing - 10 sks. cement

Installed dry hole marker: 4" OD x 10' long pipe (sealed at top end) w/4' above ground and bottom 6' embedded in cement

Marker Reads: Exxon Company, U.S.A.
Exxon #1 Utah State "A"
Sec. 36-T40S-R20E

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

SIGNED

TITLE

Division Accountant

DATE 11-20-73

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

FORM OGC-8-X
FILE IN QUADRUPPLICATE

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

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name and Number Exxon #1 Utah State "A"
Operator Exxon Corporation
Address P. O. Box 120, Denver, CO 80201
Contractor Loffland Brothers Company
Address P. O. Box 2847, Tulsa, Oklahoma 74101
Location SE 1/4, SW 1/4, Sec. 36, T. 40 N., R. 20 E., San Juan County.
S XX

Water Sands: No apparent fresh water sands were encountered while drilling this well.

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

(Continue on Reverse Side if Necessary)

Formation Tops:

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

Needs Inspection



Incidents/Spills **Well Inspections** Date Mod

Inspection Tracking | Press/Rest

API Well No. 43-037-30120-00-00 Owner [REDACTED] County [REDACTED]
Well Name [REDACTED]
WI Typ [REDACTED] Fclty/Proj [REDACTED] Well Status [REDACTED]
Well S-T-R [REDACTED]
Directions [REDACTED]

Inspect No.	Type	Purpose	Responsible Company
[REDACTED]	[REDACTED]	[REDACTED]	EXXON CORPORATION

Violation? SNC?

Notification Type [REDACTED]

Write/View Violation

Date Inspected [REDACTED]
Date NOV [REDACTED]
Date RmdyReq [REDACTED]
Date Extension [REDACTED]
Date Passed [REDACTED]

C
M
M
N
T

Failed Items

Fail Code	Status	Description
[REDACTED]	[REDACTED]	[REDACTED]

Comply# [REDACTED] Incident# [REDACTED] Inspector [REDACTED] Duration [REDACTED]