Reported dry - 10/24/75

ered in NID File	.....	Checked by Chief	.....
ation Map Pinned	.....	Approval Letter	.....
d Indexed	.....	Disapproval Letter	.....

COMPLETION DATA:

Date Well Completed	.....	Location Inspected	.....
W..... WW..... TA.....		Bond released	
W..... 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.....

Form 9-331 C
(May 1963)

SUBMIT IN [redacted]TE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL
OIL WELL [X] GAS WELL [ ] OTHER SINGLE ZONE [X] MULTIPLE ZONE [ ]

2. NAME OF OPERATOR
WAINOCO, INC.

3. ADDRESS OF OPERATOR
1660 Lincoln Street, Denver, Colorado 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface
1980' FEL & 1980' FSL, Section 1 (NW NE)
At proposed prod. zone
same

5. LEASE DESIGNATION AND SERIAL NO.
U-19175

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

7. UNIT AGREEMENT NAME
---

8. FARM OR LEASE NAME
Skyline-Federal

9. WELL NO.
33-1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec.1-21S-13E, SLM

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
15 miles west of Green River, Utah

12. COUNTY OR PARISH: Emery
13. STATE: Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 1980'

16. NO. OF ACRES IN LEASE: 2560

17. NO. OF ACRES ASSIGNED TO THIS WELL: 80

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

19. PROPOSED DEPTH: 4500

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
4494 GR

22. APPROX. DATE WORK WILL START*
August 30, 1975

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	32#	900'	325 sacks (circ to sfc)
8-3/4"	5-1/2"	15.5#	4500'	250 sacks

#33-1 Skyline-Federal is an exploratory test designed to test the Mississippian formation. A 12¼" hole will be drilled to 900'. 9-5/8" casing will be run and cemented by pump and plug until circulated. An 8-3/4" hole will be drilled to 4500'. If productive, 5½" casing will be run through the pay zone, cemented with 250 sacks.

A double ram BOP will be tested to 3000 psi upon installation and each day thereafter. BOP will be installed above ground level with hydraulic kill line and adjustable choke manifold.

Electrical logs will be run at T. D. and potential hydrocarbon bearing zones will be drill stem tested as appropriate.

file C-3
OK

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 Sherwin Artus TITLE Production Manager DATE June 16, 1975

(This space for Federal or State office use)
PERMIT NO. 43-015-30046 APPROVAL DATE

APPROVED BY TITLE DATE
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

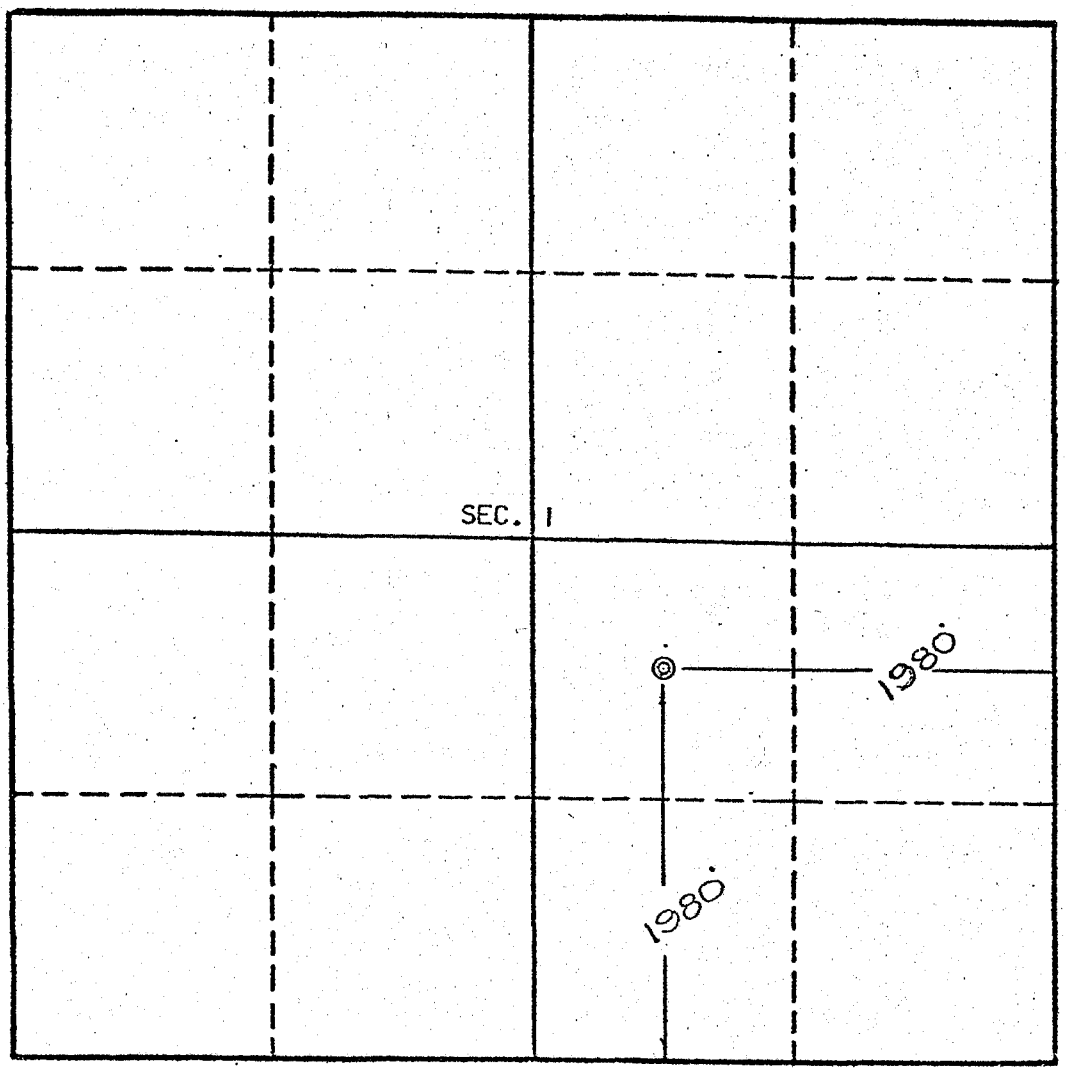
Company Wainoco, Inc.

Well Name & No. 33-1

Location 1980 feet from the South line and 1980 feet from the East line.

Sec. 1, T. 21 S., R. 13 E., S. L. M., County Emery, Utah

Ground Elevation 4494



Scale, 1 inch = 1,000 feet

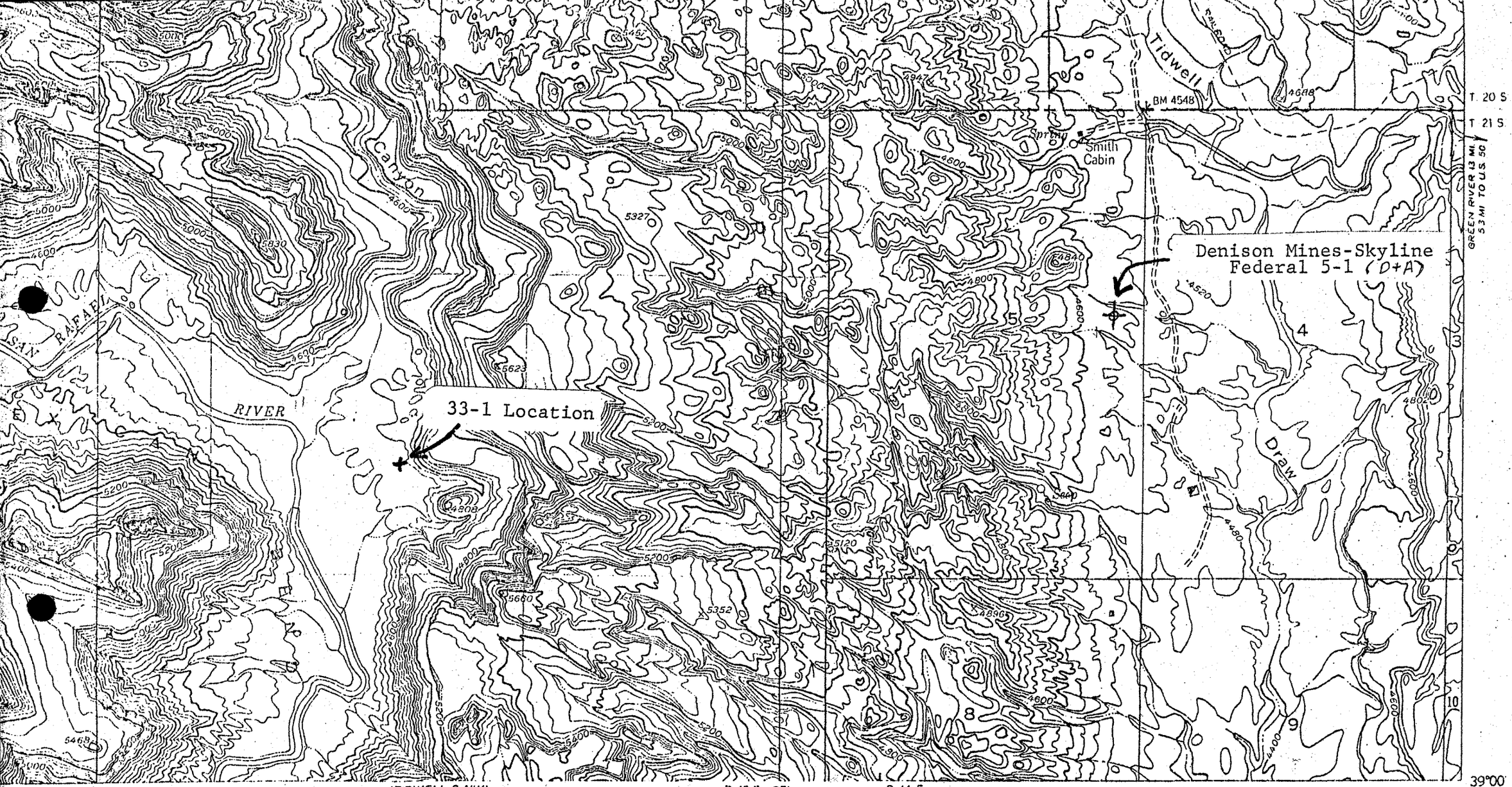
Surveyed May 2, 19 75

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

REGISTERED LAND SURVEYOR NO. 2611 Seal: ERNEST V. ECHOHAWK STATE OF UTAH

E. V. Echohawk

Ernest V. Echohawk
Registered Land Surveyor
Utah Registration No. 2611



SCALE 1:24000

1 ½ 0 1 MILE

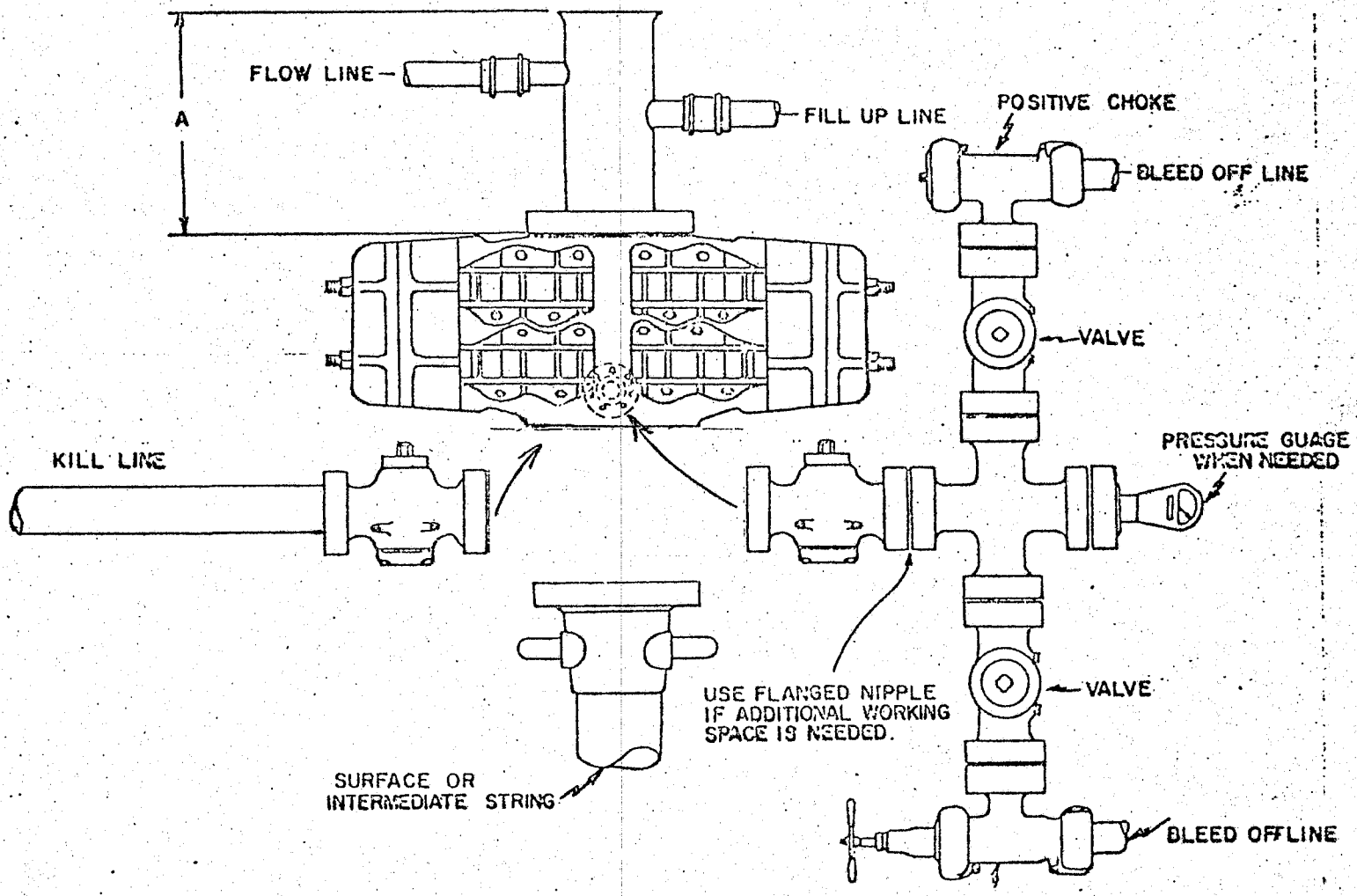
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

ROAD CLASSIFICATION

Improved ——— Unimproved - - - -

Fig 2a

BECKWITH PEAK SW UTAH



Blowout Preventer Equipment
Shaffer Type B
10"-900 Series

WAINOCO, INC.
2020 LINCOLN CENTER BUILDING
DENVER, COLORADO 80203
303-573-5150

June 16, 1975

U. S. G. S.
8426 Federal Building
Salt Lake City, Utah 84138

Attention: Mr. E. W. Guynn

In re: Wainoco, Inc.
#33-1 Skyline-Federal
NW SE Section 1-21S-13E
Emery County, Utah

Dear Mr. Guynn:

Following is the additional pertinent information relating to the drilling of the captioned well:

1. Surface Casing: 900 feet of 9-5/8", 32#, K-55, new casing
2. Casinghead: 10" 900 series; spool 10" 900 series
3. Intermediate Casing: none planned
4. Blowout Preventers: Shaffer Type B, double ram hydraulic, 10" 900 series. Fill, kill and choke lines used (see attached diagram).
5. Auxiliary Equipment: Kelly cock, float at bit
6. Anticipated Bottom Hole Pressure: 1980 psi (maximum expected pressure)
7. Type of Drilling Fluid: Fresh water base chem/gel system.

Very truly yours,

WAINOCO, INC.

Sherwin Artus

D. Sherwin Artus
Production Manager

DSA/ch
Attachments

WAINOCO, INC.
2020 XXXLINCOLN CENTER BUILDING
DENVER, COLORADO 80203
303-573-5150

June 16, 1975

U. S. G. S.
8426 Federal Building
Salt Lake City, Utah 84138

Attention: Mr. E. W. Guynn

In re: Proposed Exploratory Test
Wainoco, Inc.
#33-1 Skyline-Federal
NW SE Section 1-21S-13E
Emery County, Utah

Dear Mr. Guynn:

Attached is an Application for Permit to Drill

The following are answers to the government's twelve questions:

1. Existing Roads including location of the exit from the main highway. See Figures 1 and 2.

2. Planned access roads. See Figure 2.

3. Location of wells. (Figure 2a). The proposed well is located in C NW/4 NE/4 Section 1, T21S, R13E, Emery County, Utah (Figure 2). The nearest well (dry hole) is located in the SE/4 NE/4 Section 5, T21S, R13E, Emery County, Utah.

4. Lateral roads to well locations. Noneplanned.

5. Location of tank batteries and flow lines. See Figure 3.

6. Locations and types of water supply. (Rivers, creeks, lakes, ponds, well, etc.) Water for drilling will be drawn from the San Rafael River, approximately ½ mile west of the proposed location (See Figure 2).

7. Methods for handling waste disposal. Drilling wastes will be contained in a reserve pit until drilling is completed at which time the pit will be partially closed and fenced until dry. It will then be closed and dressed. Combustible material will be disposed of in a burn pit adjacent to the reserve pit. The burn pit will be closed and dressed when drilling is finished.

8. Location of camps. No camps will be constructed.

9. Location of airstrips. An airstrip will be constructed in the NE/4 of Section 2 and NW/4 of Section 1 by widening the proposed access road (See Figure 2).

10. Location layout to include position of the rig, mud tanks, reserve pits, burn pits, pipe racks, etc. Figure 4 has been attached to show approximate dimensions and orientation of the drilling rig and location.

11. Plans for restoration of the surface. All top soil will be removed and stockpiled prior to digging pits and building location. At the time of final cleanup it will be redistributed over all of the area not needed for installation of production equipment. The redistributed soil will be placed so as to conform with existing topography and minimize erosion.

12. Any other information that may be used in evaluating the impact on the environment including general description of the topography, vegetation, and other aspects of the area. Vegetation in the vicinity of the proposed location consists of 5-10% native shrubs and grasses, and 90-95% barren surface. There will be a 3 to 5 foot cut on the east and north sides of the location.
All reasonable protection will be taken to protect any livestock and wildlife from damage. Any problems concerning livestock or wildlife will be reported to the proper authorities.

Very truly yours,

WAINOCO, INC.

D. S. Artus

D. S. Artus
Production Manager

DSA/ch

Enclosures

Form 9-1123
(Rev. Dec. 1957)

(Submit in triplicate to appropriate Regional Oil and Gas or Mining Supervisor)

RECEIVED
WAINOCO, INC.
DENVER

DESIGNATION OF OPERATOR

JUN 16 1975

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: UTAH
SERIAL NO.: U-19175

and hereby designates

NAME: WAINOCO, INC.
ADDRESS: 2020 Linoln Center Building
Denver, Colorado 80203

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 21 South, Range 13 East, S. L. M., Emery County, Utah

Section 1: W$\frac{1}{2}$

Containing 320 acres, more or less.

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

ATTEST:

Robert G. Vernon
Secretary

June 12, 1975
(Date)

SKYLINE OIL COMPANY

By [signature]
(Signature of lessee)
Vice President
418 Atlas Building
Salt Lake City, Utah 84101
(Address)

U. S. GOVERNMENT PRINTING OFFICE 16—53598-3

Skyline Oil Company's Federal Statewide Bond No. for Utah is: 820-94-69

Form 9-1123
(Rev. Dec. 1957)

(Submit in triplicate to appropriate Regional Oil and Gas or Mining Supervisor)

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: UTAH
SERIAL NO.: U-19175

and hereby designates

NAME: WAINOCO, INC.
ADDRESS: 2020 Lincoln Center Building
Denver, Colorado 80203

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 21 South, Range 13 East, S. L. M., Emery County, Utah

Section 1: E½

Containing 320 acres, more or less.

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

ATTEST: SKYLINE OIL COMPANY

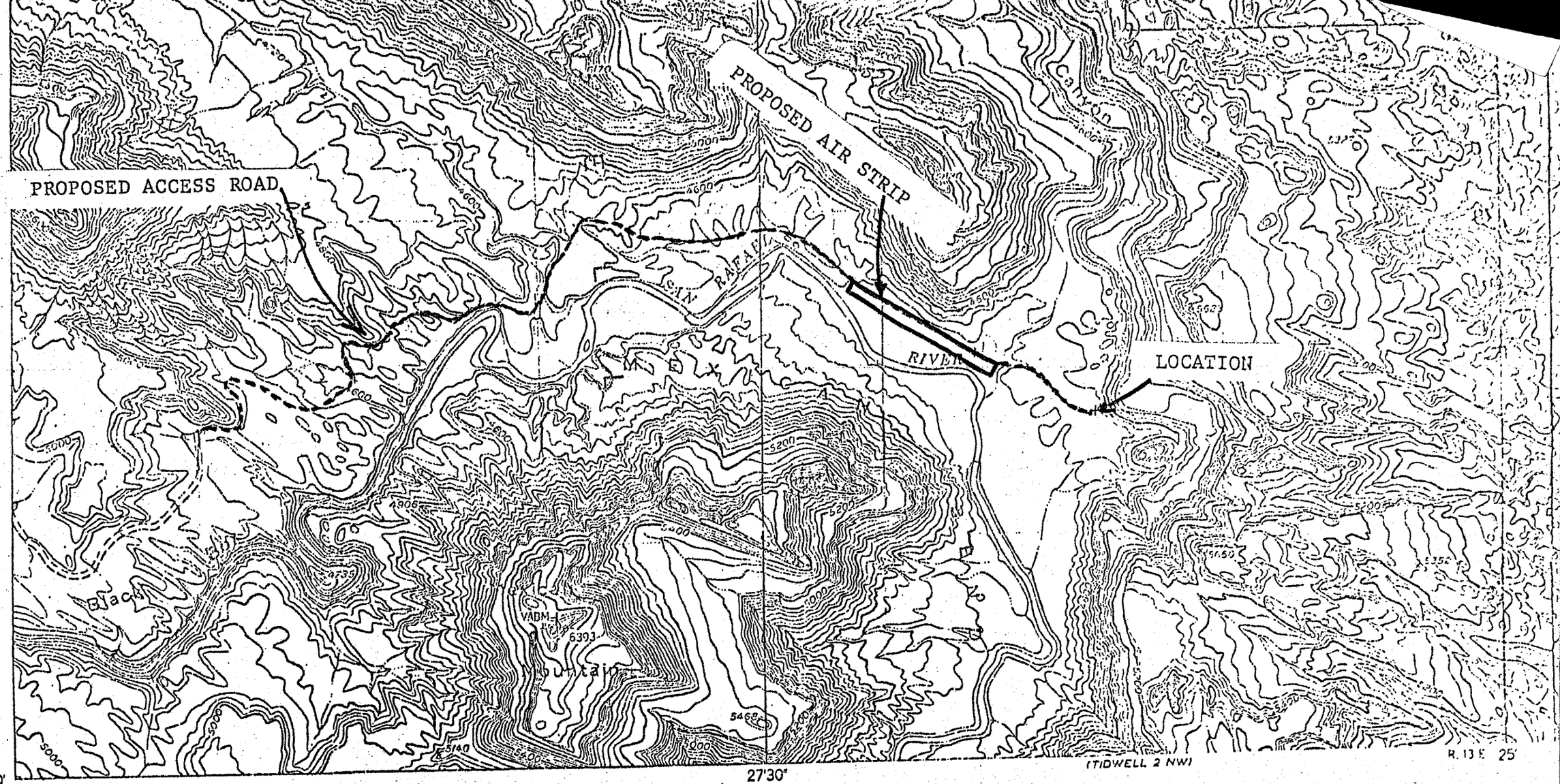
Robert G. Vernon
Secretary

By [signature]
(Signature of lessee)
Senior Vice President
418 Atlas Building
Salt Lake City, Utah 84101
(Address)

March 26, 1975
(Date)

U. S. GOVERNMENT PRINTING OFFICE 16—53508-3

Skyline Oil Company's Federal Statewide Bond No. for Utah is: 820-94-69



Mapped by the Geological Survey 1953

Topography by multiplex methods from aerial photographs taken 1952

SCALE 1:24000

1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

16°

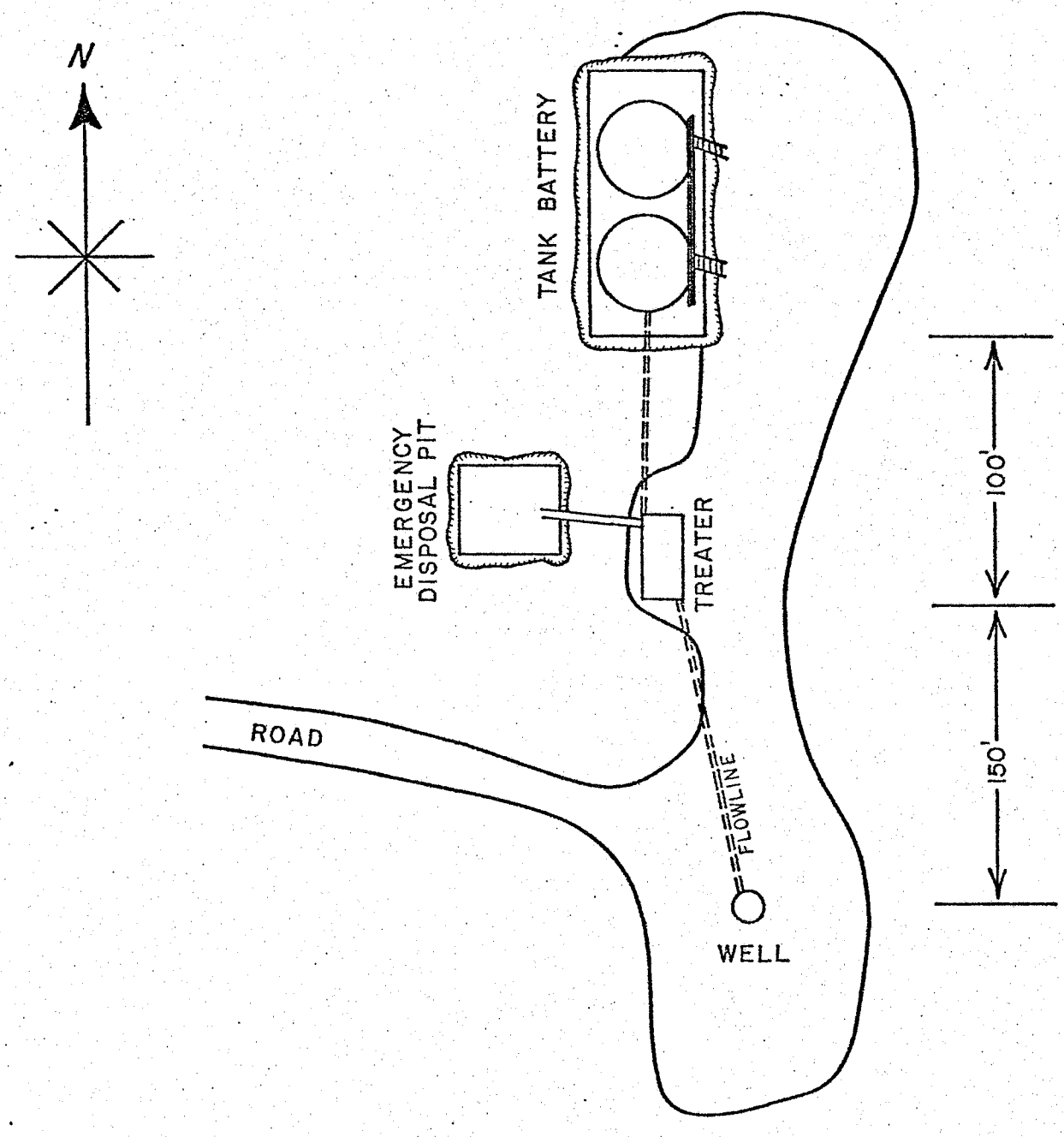
TRUE NORTH

MAGNETIC NORTH

CONTOUR INTERVAL 40 FEET
DATUM IS MEAN SEA LEVEL

Fig 2

PLANNED PRODUCTION FACILITIES LAYOUT



WAINOCO, INC.
NO. 33-1 SKYLINE FEDERAL

FIGURE 3

Production Facilities Layout

Additional Information - Facility Specifications

I. Tanks (2) 1000 bbl. bolted tanks

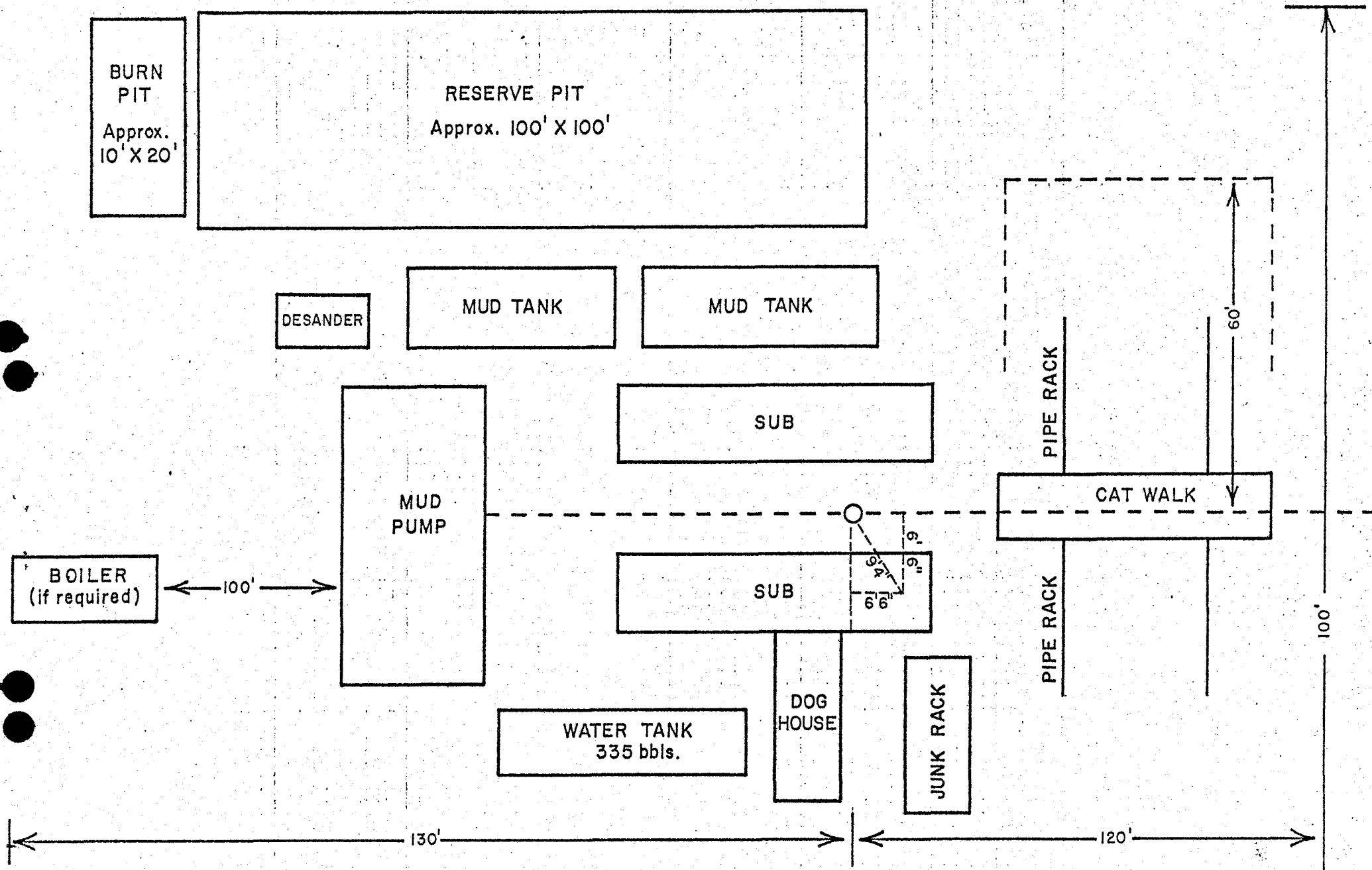
II. Treater Facility

1 - 6'x15' horizontal heater treater (a 6'x20' horizontal treater will be substituted if warranted)

1 - 10'x30" Gas Separator

III. Flowlines (a) 3" (API Std 5L) steel line pipe will be utilized for oil flowlines

(b) 2" (API Std 5L) line pipe will be utilized for fuel gas flowlines



WAINOCO, INC.

DRILLING & LOCATION LAYOUT

LIGHT PLANT

Fig 4

Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL
OIL WELL [X] GAS WELL [ ] OTHER SINGLE ZONE [X] MULTIPLE ZONE [ ]

2. NAME OF OPERATOR
WAINOCO, INC.

3. ADDRESS OF OPERATOR
1660 Lincoln Street, Denver, Colorado 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface
1980' FEL & 1980' FSL, Section 1 (NW NE)
NW SE
At proposed prod. zone
same

5. LEASE DESIGNATION AND SERIAL NO.
U-19175

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

7. UNIT AGREEMENT NAME
---

8. FARM OR LEASE NAME
Skyline-Federal

9. WELL NO.
33-1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec.1-21S-13E, SLM

12. COUNTY OR PARISH
Emery

13. STATE
Utah

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
15 miles west of Green River, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
1980'

16. NO. OF ACRES IN LEASE
2560

17. NO. OF ACRES ASSIGNED TO THIS WELL
80

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

19. PROPOSED DEPTH
4500

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
4494 GR

22. APPROX. DATE WORK WILL START*
August 30, 1975

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	32#	900'	325 sacks (circ to sfc)
8-3/4"	5-1/2"	15.5#	4500'	250 sacks

#33-1 Skyline-Federal is an exploratory test designed to test the Mississippian formation. A 12¼" hole will be drilled to 900'. 9-5/8" casing will be run and cemented by pump and plug until circulated. An 8-3/4" hole will be drilled to 4500'. If productive, 5½" casing will be run through the pay zone, cemented with 250 sacks.

A double ram BOP will be tested to 3000 psi upon installation and each day thereafter. BOP will be installed above ground level with hydraulic kill line and adjustable choke manifold.

Electrical logs will be run at T. D. and potential hydrocarbon bearing zones will be drill stem tested as appropriate.

JUL 25 1975

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 Sherwin Artus TITLE Production Manager DATE June 16, 1975

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY Ed Guynn TITLE DISTRICT ENGINEER DATE JUL 22 1975

CONDITIONS OF APPROVAL, IF ANY:
Approval Notice
State O & G Cons. Comm.

*See Instructions On Reverse Side

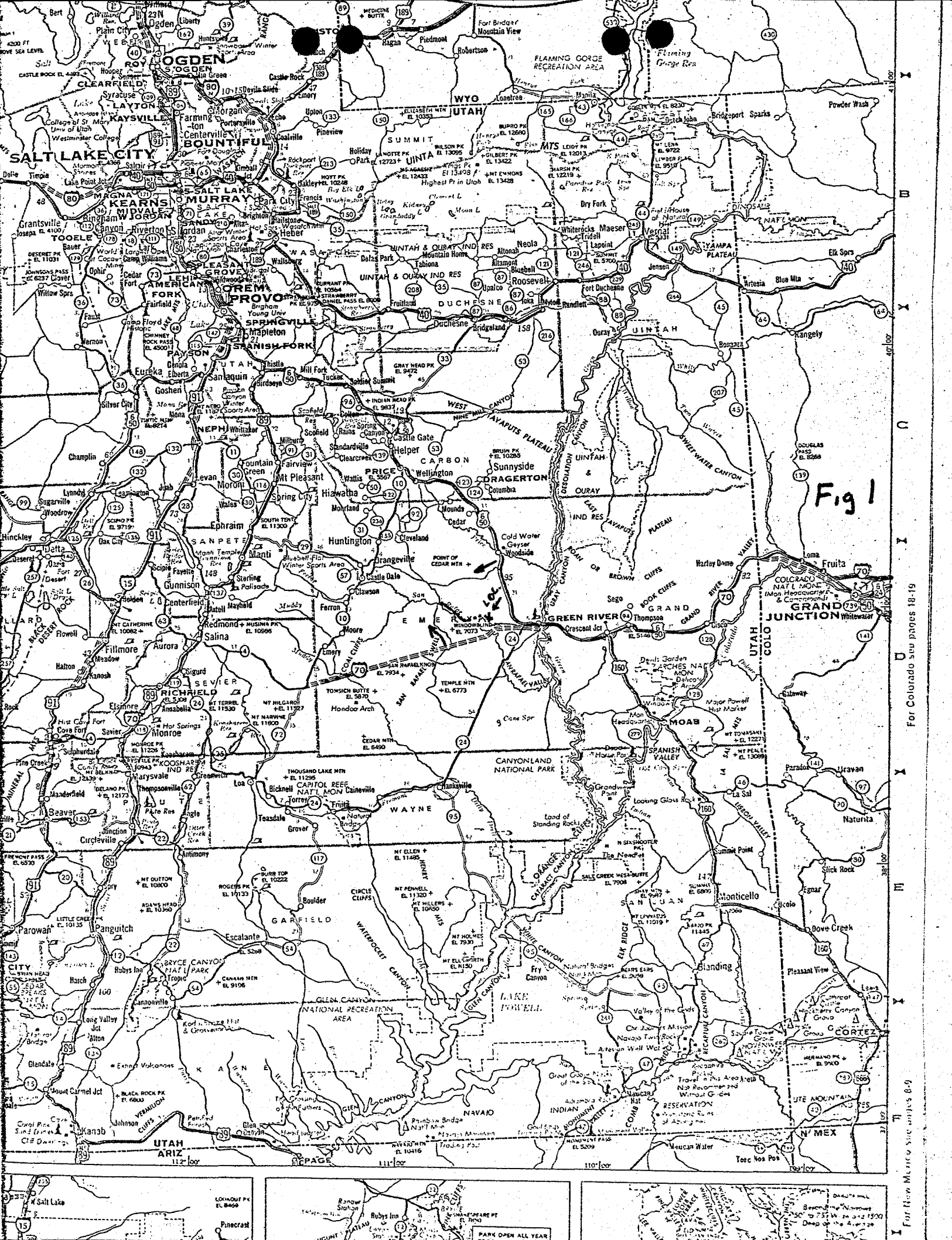


Fig 1
For Colorado see pages 18-19
For New Mexico see pages 8-9
SALT LAKE CITY
OGDEN
PROVO
MOAB
GRAND JUNCTION
GREEN RIVER
CANYONLAND NATIONAL PARK
CAPITOL REEF NAT'L MON
GLEN CANYON NATIONAL RECREATION AREA
LAKE POWELL
BRYCE CANYON NAT'L PARK
COLORADO NAT'L MON
FLAMING GORGE RECREATION AREA
UINTAH & OURAY IND RES
UTAH
COLO
WYO
ARIZ
N MEX

SUMMARY OF ENVIRONMENTAL IMPACT EVALUATION

Wainoco Inc.
Skyline Fed. #33-1
Sec. 1-21s-13E
U-19175
Emery Co. Utah.
7-2-75

BLM — Young
USGS — Alexander
Wainoco — Artus
[redacted]

☑ Enhance
☐ No Effect
☑ Minor Impact
☒ Major Impact.

		Construction				Pollution				Drilling Production						Transport Operations			Accidents		Others
		Roads, bridges, airports	Transmission lines, pipelines	Dams & impoundments	Others (pump stations, compressor stations, etc.)	Burning, noise, junk disposal	Liquid effluent discharge	Subsurface disposal	Others (toxic gases, noxious gas, etc.)	Well drilling	Fluid removal (Prod. wells, facilities)	Secondary Recovery	Noise or obstruction of scenic views	Mineral processing (ext. facilities)	Others	Trucks	Pipelines	Others	Spills and leaks	Operational failure	
Land Use	Forestry NA																				
	Grazing NA																				
	Wilderness NA																				
	Agriculture NA																				
	Residential-Commercial NA																				
	Mineral Extraction NA																				
	Recreation ✓	0				/	/			/			/			/			/	/	
	Scenic Views ✓	/		/		/	/			/			/			/			/	/	
	Parks, Reserves, Monuments NA																				
	Historical Sites NA																				
	Unique Physical Features ✓	/																			
Flora & Fauna	Birds ✓			/			/												/	/	
	Land Animals ✓	/		/			/			/			/			/			/	/	
	Fish NA						/												/	/	
	Endangered Species None Known																				
	Trees, Grass, Etc. ✓	/		/		/	/												/	/	
Phy. Charact.	Surface Water ✓						/												/	/	
	Underground Water ?																				
	Air Quality ✓					/				/						/			/	/	
	Erosion ✓	/					/									/			/	/	
	Other																				
	Effect On Local Economy ✓	0		0						0						0					
	Safety & Health ✓					/				/						/			/	/	
	Others cc: Denver, Casper, State, BLM-w/o Matrix File																				

Lease U-19175.

Well No. & Location 33-1 Sec 1-21s-13E

Emery Co. Utah.

ENVIRONMENTAL IMPACT ANALYSIS - ATTACHMENT 2-B

1. Proposed Action

WAINOCO Inc. proposes to drill a wildcat oil & Gas test well w/ rotary tools to a depth of about 4500'. They also propose to construct a drill pad Approx 350' x 250' and construct a reserve pit about 100' x 100'. They also propose to build about 8 miles of new access road to include a airstrip.

2. Location and Natural Setting (existing environmental situation)

The Location falls at the base of ~~about~~ a high rock cliff on a mostly level area about 1000' yards from the SAN RAFAEL River. for this reason, operational failure ~~could~~ such as a blowout could cause serious environmental damage.

The soil is mostly blowsand w/ very sparse wild shrubs and grasses.

The wild life is the usual desert fauna with no known endangered species.

The area is asthetically pleasing due to its remoteness, bright red and ochre sandstone cliffs but not classified as wilderness.

There are no known Historical sites that would be effected and no evidence of archeological Sites was noted.

3. Effects on Environment by Proposed Action (potential impact)

The drilling and Completion of a dry hole or failure would have little long term effect on the environment. Discovery of an oil field would have moderate effect in that the character of the area would be changed. Should a field be developed, careful planning should be employed to avoid serious degradation

Improvement of the roads would benefit the grazing and recreation use of the land in that it would be more easily accessible.

There would be moderate scaring of the now Natural area which would require 3-5 years to obliterate.

The drilling and associated traffic will add a minor amount of pollution to the now nearly pure air as well as temporarily disturbing livestock & wildlife.

The roads & location construction and rehab will be conducted by a local contractor thus benefitting the local economy slightly.
An uncontrolled blowout could cause serious environmental problems, but any effluent could be easily contained in the nearby area.

4. Alternatives to the Proposed Action

Not Approving the Application for Permit to Drill.

Denying the proposed permit and suggesting an alternate location where environmental damage would be lessened. No nearby locations could be found that would justify this action.

5. Adverse Environmental Effects Which Cannot Be Avoided

Temporary disturbance of Livestock & wild Life.

Temporary mess due to drilling activity.

Detraction from the aesthetics.

minor Induced erosion due to rig activity and Support Traffic.

6. Determination

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

Date Inspected 7-2-75

Inspector

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

DIVISION OF OIL, GAS, AND MINING

Only One Copy Submitted
Would like Pertinent Info Received & returned

FILE NOTATIONS

Date: June 20

Operator: Wainoco Inc.

Well No: Skyline - Federal 33-1

Location: Sec. 1 T. 21S R. 13E County: Emery

Jack will check this -- Wainoco is new to me & would like to see their operations

---

File Prepared [✓] Entered on N.I.D. [✓]

Card Indexed [✓] Completion Sheet [ ]

Checked By:

Administrative Assistant: [signature]

Remarks:

Petroleum Engineer/Mined Land Coordinator: [signature]

Remarks: Surface csg size & wt ok. Cutting too close on amount of cement proposed. Will have to check cement around surface csg. on rig inspection.

Director: [signature]

Remarks:

Include Within Approval Letter:

Bond Required [ ] Survey Plat Required [ ]

Order No. _____ [ ] Blowout Prevention Equipment [ ]

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

O.K. Rule C-3 [✓] O.K. In _____ Unit [ ]

Other: [ ]

[✓] Letter Written

Please include in letter

"We would like to suggest that an additional 50 to 75 sacks of cement be included in your surface casing cementing program in order to insure adequate returns to surface"

June 23, 1975

Wainoco, Inc.
1660 Lincoln Street
Denver, Colorado 80203

Re: Well No. Skyline Federal 33-1
Sec. 1, T. 21 S, R. 13 E,
Emery County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure. It should be noted, however, that this office would suggest that an additional 50 to 75 sacks of cement be included in your surface casing cementing program in order to insure adequate returns to surface.

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

PATRICK L. DRISCOLL - Chief Petroleum Engineer
OFFICE: 328-5771

or

CLEON B. FEIGHT - Director
HOME: 466-4455

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

The API number assigned to this well is 43-015-30040.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT
DIRECTOR

CBF:sw

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE
LEASE NUMBER U-19175
UNIT

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah *County* Emery *Field* Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of July, *19* 75,

Agent's address 1660 Lincoln Street
Denver, Colorado 80203

Company WAINOCO, INC.

Signed Robert C. West

Phone 303, 573-5150

Agent's title Engineering Assistant

Sec. and ¼ of ¼	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)
NW SE Sec. 1	21S	13E	33-1	0						Building road & location prior to commencing drilling
Totals										

GAS: (MCF)
Sold -0-
Vented/Flared -0-
Used on Lease -0-
Lost -0-
Reason

OIL or CONDENSATE: (Barrels)
Sold -0-
Used -0-
Unavoidably Lost -0-
Reason

WATER: (barrels)
Disposition -0-
Pit -0-
Injected -0-
Other -0-

NOTE.—There were no runs or sales of oil; no M cu. ft. of gas sold; no runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

GPO 837-062

U.S. GEOLOGICAL SURVEY, CONSERVATION DIVISION

FROM: DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH

TO: DISTRICT ENGINEER, SALT LAKE CITY, UTAH

Well	Location	Lease No.
Wainoco, Inc. #33-1	1980'FEL, 1980'FSL (NW¼NE¼) sec. 1, T. 21 S., R. 13 E., SLM, Emery Co., Utah. Gr.El 4494'.	U-19175

1. Stratigraphy and Potential Oil and Gas Horizons. Wainoco Inc. #33-1 will test the Mississippian. American Metal Climax, Inc. #1 (Gr.El. 5754') in sec. 32, same township, reported the following tops: Coconino-63' (Permian), Wolfcamp-740' (Permian), Hermosa-1236' (Penn.), Leadville-2170' (Miss.), Ouray-2810' (Devonian), Pre-camb.-4580'.

2. Fresh Water Sands. None reported in well of item 1.

3. Other Mineral Bearing Formations. (Coal, Oil Shale, Potash, Etc.) None.

4. Possible Lost Circulation Zones. Unknown.

5. Other Horizons Which May Need Special Mud, Casing, or Cementing Programs. If any fresh water zones are encountered they should be protected.

6. Possible Abnormal Pressure Zones and Temperature Gradients. Unknown.

7. Competency of Beds at Proposed Casing Setting Points. Probably adequate.

8. Additional Logs or Samples Needed. Lithologic logs would be of value in this remote area.

9. References and Remarks Remote from KGS.

Date: August 29, 1975 UTAH ST 0 of 6 Signed: Ronald E Brunsfon

September 24, 1975

Mr. Don Christiansen
Industrial Commission
350 East 500 South
Salt Lake City, Utah 84111

Re: Wainoco Incorporation
Skyline Federal #33-1
Sec. 1, T. 21 S., R. 13 E. SLBM
Emery County, Utah

Dear Mr. Christiansen:

Enclosed herewith, is a copy of the Safety Inspection and a copy of the memo relating to the above mentioned well.

The existing condition mentioned in said memo, needs to be corrected to comply with OSHA Regulations.

Please notify Willard Pease Drilling Company of this existing condition.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT
DIRECTOR

CBF:tb

October 6, 1975

MEMO FOR FILING

Re: Wainco Oil Company
Skyline Federal #33-1
Sec. 1, T. 21 S., R. 13 E.
Emery County, Utah

On October 6, 1975, verbal approval was given to plug this well.

T.D. @ 4064' - Mississippian

Plug #1	3650'-3500'	(50sx)	Across Miss. and Molas
Plug #2	2350'-2200'	(58sx)	Across Hermosa
Plug #3	1025'-900'	(50sx)	Bottom of surface pipe
Plug #4	15-surface	(10sx)	Top of surface pipe

A dry hole marker will be erected with the proper identification.

PATRICK L. DRISCOLL
CHIEF PETROLEUM ENGINEER

PLD:tb

1M - 8/73

INDUSTRIAL COMMISSION OF UTAH
Occupational Safety and Health Division

CSHO NO.	UOSHD-1 NO.	FY
D0138	090	76
AREA 1700	REGION 08	

Well File K

1.

Don J. Christiansen,
Administrator
448 South 400 East
Salt Lake City, Utah 84111

TO:
2.

Willard Pease Drilling Company
P.O. Box 548
Grand Junction, Colorado 81501

Subject: Citation(s) for Alleged Occupational Safety and Health Violation(s)

An inspection of a place of employment has revealed conditions which we believe do not comply with the provisions of the Utah Occupational Safety and Health Act of 1973. The nature of such alleged violation(s) is described in the enclosed citation(s) with references to applicable standards, rules, regulations and provisions of the said Act. These conditions must be corrected on or before the date shown to the right of each alleged violation therein.

The Act requires that a copy of the enclosed citation(s) be prominently posted "in a conspicuous place upon receipt" at or near each place a violation referred to in the citation occurred. It must remain posted until all violations cited therein are corrected, or for 3 working days, whichever period is longer. A sufficient number of copies of the attached citation(s) should be prepared to permit posting in accordance with the requirements of the Act. The Act provides for penalties for violation of the posting requirements.

You are hereby notified, or will soon be notified, whether or not penalty(ies) will be proposed as a result of the cited violation(s). You have the right to contest any or all parts of either the citation(s) or the proposed penalty(ies) before the Utah Occupational Safety and Health Review Commission. The Review Commission is an independent agency with authority to issue decisions regarding citation(s) and proposed penalty(ies). If you do contest, you should submit a letter to the Administrator at the address shown above within 30 days after receipt of the certified mail notice regarding proposed penalty(ies). If you fail to contest within the 30 day period, the citation(s) and the penalty(ies) as proposed, shall be deemed to be a final order of the Review Commission and not subject to review by any court or agency.

If an employer contests the citation, the abatement period specified therein does not begin to run until the date of the Commission's final order in the case PROVIDED the employer initiated his contest in good faith and not solely for delay or avoidance of penalties.

You have a right to request a discussion with the Administrator concerning any results of the inspection (abatement dates, citations, penalties, etc.). Please direct correspondence to, or call, the Administrator at the address shown at the top of this letter. A request for an informal discussion cannot extend the 30 day period allowed for filing a notice of contest. Therefore, a request for an informal discussion should be brought to the attention of the Administrator prior to the end of the 30 days allowed for filing a notice of contest, preferably as soon as possible.

An employee or representative of employees may file a notice (letter) to contest the reasonableness of the time stated in the citation for the abatement of the alleged violation(s).

Alleged violations that are not contested shall be corrected within the abatement period specified in the citation. A followup inspection may be made for the purpose of ascertaining that the employer has posted the citation(s) as required by the Act and corrected the alleged violations. Failure to correct an alleged violation within the abatement period may result in further proposed penalties for each day the alleged violation has not been corrected. Timely correction of an alleged violation does not affect the initial proposed penalty.

Correction of alleged violations which have an abatement period of 30 days or less should be reported in writing to the Administrator promptly upon correction. Reports of corrections should show specific corrective action on each such alleged violation and the date of such action. On alleged violations have an abatement date of more than 30 days, a written progress report should be submitted each 30 days. The progress report should detail what has been done, what remains to be done, and the time needed to fully abate each such violation. When the alleged violation is fully abated, the Administrator should be so advised.

The Act provides that whoever knowingly gives false information is subject to a fine up to $10,000, imprisonment up to 6 months, or both.

3. **Citation(s) Enclosed**

Quantity		*Pages*
1	Nonserious	1
	Serious	
	Willful and/or Repeated	

4. Notification of Proposed Penalty enclosed
☒ Yes ☐ No

If you wish additional information, you may direct such request to the undersigned at the address shown above.

Industrial Commission of Utah
Utah Occupational Safety and Health Division
Administrator

5. Don J. Christiansen

Date October 9 19 75

UOSHD Form-2C
July 1, 1973

1M - 8/73

INDUSTRIAL COMMISSION OF UTAH
Occupational Safety and Health Division

CSHO NO.	UOSHD-1 NO.	FY
D0138	090	76
AREA 1700	REGION 08	

CITATION

Well file

1. Don J. Christiansen,
Administrator
448 South 400 East
Salt Lake City, Utah 84111

TO: 2.
Willard Pease Drilling Company
P.O. Box 548
Grand Junction, Colorado 81501

3. Citation Number 3

4. Page 1 of 5. 1

6. TYPE OF ALLEGED VIOLATION(S): Nonserious

7. An inspection was made on Skyline Fed 33-1 October 2 19 75 of a place of employment located at:
8. Section 1, T.21S., R.13E., S.L.B.M. Emery County, Utah and described as follows:
9. Rig No. 2

On the basis of the inspection it is alleged that you have violated the Utah Occupational Safety and Health Act of 1973, in the following respects:

10. Item number	11. Standard, regulation or section of the Act allegedly violated	12. Description of alleged violation	13. Date by which alleged violation must be corrected
1	UOSHS 1926.152 (f)(9)	A conspicuous and legible sign prohibiting smoking was not posted at the 3500 gallon or 4500 gallon diesel storage tanks.	5 days from receipt of citation.
2	UOSHS 1926.350 UGSO Section 47.7	An oxygen cylinder and an acetylene cylinder, located by the lower change room, were not secured in place.	1 day from receipt of citation.
3	UOSHS 1926.303 (c)(2)	A Black & Decker grinder, Serial No. 8041575, located in the doghouse, was not provided with a work rest which was rigidly supported and readily adjustable.	15 days from receipt of citation.
4	UOSHS 1910.219 (e)(3)(i)	The belt drive on the mud shaker was not provided with a guard.	10 days from receipt of citation.
5	UOSHS 1926.500 (c)(1)(i)	A standard rail was not provided at the V-door opening from which there was a drop of more than six feet.	10 days from receipt of citation.
6	UOSHS 1910.Subpart B, UGSO Section 10.1	A ton mile log on the drilling line was not being kept at the rig to insure the lines safety.	15 days from receipt of citation.

THIS NOTICE MUST BE POSTED

The law requires that a copy of this citation shall be prominently posted in a conspicuous place at or near each place that an alleged violation referred to in the citation occurred. The citation must remain posted until all alleged violations cited therein are corrected, or for 3 working days, whichever period is longer.

CC

RIGHTS OF EMPLOYEES

Any employee or representative of employees who believes that any period of time fixed in this citation for the correction of a violation is unreasonable has the right to contest such time for correction by submitting a letter to the Utah Occupational Safety and Health Division at the address shown above within 30 days of the issuance of this citation.

"No person shall discharge or in any manner discriminate against any employee because such employee has filed any complaint or instituted or caused to be instituted any proceeding under or related to this Act or has testified or is about to testify in such proceeding or because of the exercise by such employee on behalf of himself or others of any right afforded by this Act." Sec. 11(2)(a) of the Utah Occupational Safety and Health Act Act of 1973.

14. Administrator's Signature Don J. Christiansen Issuance Date October 9 19 75

(NOTICE: Additional Important Information On Reverse Side)

UOSHD Form-2
July 1, 1973

Form 9-330
(Rev. 5-63)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE (See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☒ Other

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

2. NAME OF OPERATOR: Wainoco, Inc.

3. ADDRESS OF OPERATOR: 1660 Lincoln Street, Denver, Colorado 80203

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: 1980' FEL & 1980' FSL (NW SE) Section 1
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO.: U-19175

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Skyline-Federal

9. WELL NO.: 33-1

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: NW SE Sec. 1-21S-13E SLM

12. COUNTY OR PARISH: Emery

13. STATE: Utah

14. PERMIT NO.: 43-015-30040 DATE ISSUED: 6-23-75

15. DATE SPUDDED: 9-13-75

16. DATE T.D. REACHED: 10-05-75

17. DATE COMPL. (*Ready to prod.*): ---

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*: 4494' GR

19. ELEV. CASINGHEAD: 4501' KB

20. TOTAL DEPTH, MD & TVD: 4060

21. PLUG, BACK T.D., MD & TVD: surface

22. IF MULTIPLE COMPL., HOW MANY*: ---

23. INTERVALS DRILLED BY → ROTARY TOOLS: 0-4060 CABLE TOOLS: ---

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: none

25. WAS DIRECTIONAL SURVEY MADE: ---

26. TYPE ELECTRIC AND OTHER LOGS RUN: Dual Induction, Gamma Ray-Density & Compensated Neutron

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"	43.50#	975'	12½"	430 sx cmt	none

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (*Interval, size and number*)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3500-3650	50 sx cmt
2200-2350	50 sx cmt
900-1025	50 sx cmt
0-30	10 sx cmt

33.* PRODUCTION

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

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

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

SIGNED Robert C. West TITLE Engineering Assistant DATE 10-24-75

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.
If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.
Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.
Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.
Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.
Item 29: *"Sacks Cement":* Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.
Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
White Rim	620	1180	sandstone, water-bearing
Mississippian	3580	4060	carbonate, water-bearing

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
Sinbad	324	same
Kaibab	560	same
White Rim	620	same
Cutler	1180	same
Elephant Canyon	1230	same
Hermosa	1614	same
Ismay	2294	same
Desert Creek	2538	same
Akah	2770	same
Molas	3432	same
Mississippian	3580	same

U.S. GOVERNMENT PRINTING OFFICE: 1963—O-683036
837-497

FORM OGC-8-X
FILE IN QUADRUPLICATE

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 #33-1 Skyline-Federal

Operator Wainoco, Inc.

Address 1660 Lincoln Street, Denver, Colorado 80203

Contractor Willard Pease Drilling Company

Address P. O. Box 548, Grand Junction, Colorado 81501

Location NW 1/4, SE 1/4, Sec. 1 ; T. 21 ~~N~~ S; R. 13 E; ~~W~~ Emery County

Water Sands:

	Depth: From-	To-	Volume: Flow Rate or Head -	Quality: Fresh or Salty -
1.	No water was encountered while drilling.			
2.				
3.				
4.				
5.				

(Continue on Reverse Side if Necessary)

Formation Tops:

Moenkopi	Surface		Elephant Canyon	1230	(-3271)	
Sinbad	324 (sample)	(-4177)	Hermosa	1614	(-2887)	
Kaibab	560 (sample)	(-3941)	Ismay (?)	2294	(-2207)	
White Rim	620 (sample)	(-3831)	Desert Creek(?)	2538	(-1963)	(continued on
Cutler	1180	(-3321)	Akah (?)	2770	(-1731)	reverse side)

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

Formation Tops (continued)

Molas	3432 (-1069)
Mississippian	3580 (- 921)
Total Depth	4064 (- 437)

FORM OGC-8-X
FILE IN QUADRUPLICATE

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 #33-1 Skyline-Federal

Operator Wainoco, Inc.

Address 1660 Lincoln Street, Denver, Colorado 80203

Contractor Willard Pease Drilling Company

Address P. O. Box 548, Grand Junction, Colorado 81501

Location NW 1/4, SE 1/4, Sec. 1 ; T. 21 ~~N~~ S; R. 13 E; ~~W~~ Emery County

Water Sands:

	Depth: From-	To-	Volume: Flow Rate or Head -	Quality: Fresh or Salty -
1.	No water was encountered while drilling.			
2.				
3.				
4.				
5.				

(Continue on Reverse Side if Necessary)

Formation Tops:

Moenkopi	Surface		Elephant Canyon	1230	(-3271)
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(continued on reverse side)

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

Formation Tops (continued)

Molas	3432	(-1069)
Mississippian	3580	(- 921)
Total Depth	4064	(- 437)

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.
U-19175

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.)

RECEIVED NOV 5 1975 DIVISION OF OIL, GAS, & MINING

1. OIL WELL ☐ GAS WELL ☐ OTHER Dry hole

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR
Wainoco, Inc.

8. FARM OR LEASE NAME
Skyline-Federal

3. ADDRESS OF OPERATOR
1660 Lincoln Street, Denver, Colorado 80203

9. WELL NO.
33-1

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
1980' FEL & 1980' FSL (NW SE) Section

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
NW SE
Sec. 1-21S-13E SLM

14. PERMIT NO.
43-015-30040

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4494' GR

12. COUNTY OR PARISH
Emery

13. STATE
Utah

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	X
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			☐
(Other)			☐	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

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

Wainoco, Inc. #33-1 Skyline-Federal was spudded 9-13-75. Drilled 12¼" hole to 1000', set @979' 43.50# 9-5/8" csg, cmtd w/430 sx cmt. Cmtd csg to surface. Drld 7-7/8" hole to 4060'. Ran Dual Induction, Gamma Ray-Densit and Compensated Neutron Log. No gas shows were detected with a mud logging unit. All zones were indicated to be tight and/or water-bearing. After receiving verbal permission from the USGS, the well was plugged as follows:

50 sx	3500-3650
50 sx	2200-2350
50 sx	900-1025
10 sx	0-30

A dry hole marker was installed & pits filled and the location rehabilitated to BLM & USGS instructions.

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

SIGNED Robert C. West TITLE Engineering Assistant DATE 10-24-75
Robert C. West

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side