

UTAH DIVISION OF OIL AND GAS CONSERVATION

REMARKS: WELL LOG _____ ELECTRIC LOGS nlr FILE x WATER SANDS _____ LOCATION INSPECTED _____ SUB. REPORT/abd. _____

9-29-76 Location abandoned; well never drilled.

DATE FILED 1-28-75

LAND: FEE & PATENTED _____ STATE LEASE NO. _____ PUBLIC LEASE NO. _____ INDIAN 14-20-62-2344

DRILLING APPROVED: 1-29-75

SPUDED IN:

COMPLETED: Location abandoned PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED: 9-29-76 (Location abandoned)

FIELD: Cedar Rim 3/8'

UNIT:

COUNTY: Duchesne

WELL NO. SINK ~~WELL~~ DRAW #14

API NO: 43-013-30364

LOCATION 1134' FT. FROM (N) ~~XX~~ LINE. 1054'

FT. FROM (E) ~~XX~~ LINE. SW NE NE 1/4 - 1/4 SEC. 26

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
<u>3 S</u>	<u>7 W</u>	<u>26</u>	<u>KOCH EXPLORATION CO.</u>				

9-29-76 - Location abandoned; Well never drilled.
Refer to letter of 9-23-76. (in dkt file)

FILE NOTATIONS

Entered in MID File
Location Map Pinned
Card Indexed
(Handwritten checkmarks)

Checked by Chief
Approval Letter 1-29-75
Disapproval Letter

COMPLETION DATA:

Date Well Completed
NW..... WW..... TA.....
SW..... OS..... EA.....

Location Inspected
Bond released
State or Fee Land

LOGS FILED

Driller's Log.....
Geologic Logs (No.)
..... Dual & Lat..... GR-N..... Micro.....
..... Sonic GR..... Lat..... MI-L..... Sonic.....
..... Log..... CCLog..... Others.....

John Shree NW 75

*CRW
2-10*

January 27, 1975



ONE PARK CENTRAL
SUITE 530
1515 ARAPAHOE STREET
DENVER, COLORADO 80202

Oil and Gas Conservation Commission
1588 West North Temple
Salt Lake City, Utah 84116

Attn: Cleon Feight

Re: Koch's Sink Draw #14 Well
Section 26-T3S-R7W
Duchesne County, Utah

Gentlemen:

Attached is copy of our letter dated December 30, 1974 to U.S. Geological Survey, together with Application for Permit to Drill, in duplicate, and location plat. Also attached is our Developmental Plan for Surface Use.

Your early approval to drill above-referenced well will be appreciated.

Sincerely,

A handwritten signature in cursive script that reads 'James H. Hand'.

James H. Hand
Landman

mwc
Encl

December 30, 1974



1208 LINCOLN TOWERS
DENVER, COLORADO 80203
303 - 623-5266

U. S. Geological Survey
8426 Federal Building
125 South State
Salt Lake City Utah 84138

Attn: Ed Gwynn

Re: Koch's Sink Draw #14 Well
Section 26 -T3S-R7W
Duchesne County, Utah

Gentlemen:

Attached, in triplicate, is USGS Form 9-331C, Application for Permit to Drill, for a proposed development well in the captioned section. There is also attached, in triplicate, a location plat prepared by Uintah Engineering and Land Surveying.

Koch is 100% working interest owner of Tribal Indian Oil and Gas Mining Lease 14-20-H62-2344 covering all Section 26 -T3S-R7W. The surface has been patented and is owned in several tracts by various people. The surface owner of the drill site location is Emory C. Smith

We are currently obtaining surface owners agreements covering entry and use of the surface. These will be forwarded to you as soon as they are received by us.

Koch is operating under a \$25,000.00 statewide bond and, also, under a nationwide Indian Lease Bond on file with the Bureau of Indian Affairs, Fort Duchesne, Utah.

Attached you will also find our plan of development for surface use and the appropriate exhibits pertaining thereto.

Your early attention and approval of our application is appreciated.

Yours very truly,

A handwritten signature in cursive script that reads 'James H. Hand'.

James H. Hand
Landman

mwc
Encl

cc: Bureau of Indian Affairs
Fort Duchesne, Utah 84026

Oryall Schmidt
Ron Alexander, USGS Field Manager

Ron Alexander
USGS Field Manager
Vernal, Utah

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

5. LEASE DESIGNATION AND SERIAL NO.
14-20-H62-2344

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Ute

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Sink Draw

9. WELL NO.
14

10. FIELD AND POOL, OR WILDCAT
Cedar Rim

11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA
Sec. 26 -T3S-R7W

12. COUNTY OR PARISH | 13. STATE
Duchesne | Utah

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

12. TYPE OF WORK
DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
80202

Koch Exploration Co., a div. of Koch Industries, Inc.

3. ADDRESS OF OPERATOR

1 Park Central, Suite 530, 1515 Arapahoe, Denver, Colo.

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface

SW 1/4 NE 1/4 NE 1/4 Sec. 26-3S-7W

At proposed prod. zone

same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

13 miles west of Duchesne, Utah

13. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any.)
1134' FNL and 1054' FEL

16. NO. OF ACRES IN LEASE
640.00

17. NO. OF ACRES ASSIGNED TO THIS WELL
640.00

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

19. PROPOSED DEPTH
9,900'

20. ROTARY OR CABLE TOOLS
Rotary

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

6665' GR

22. APPROX. DATE WORK WILL START*

March 1, 1975

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13-3/4	10-3/4	40.5	600	300
8-3/4	7-5/8	26.4	7,100'	300
6-3/4	5-1/2	17.0	9,900'	220

- Set new 10-3/4" 40.5# K-55 ST & C csg at 600-800'. Press test csg to 1000 PSI for 30 min. Cement with enough cement to circulate it to surface. WOC 24 hrs.
- Drill w/water & native mud to approx. 6000'. Mud up w/Gel-Benex type mud w/enough wt. to control press. thereafter. Set 7-5/8" 26.4# N-80 LT & C & used 7-5/8 J-55 26.4# LT & C 'B' condition (tested to 5500# before running) csg in 8-3/4" hole at approx. 7000'. Cement csg w/ enough cement to cover the Green River Formation. WOC 24 hrs. Press. test csg & BOP's to 3000# before drilling out.
- 10" 900 series double pipe & blind rams & 10" 900 series Hydril BOP's will be used. Check BOP's each tour & blind rams each trip.
- Drill 6-3/4" hole to TD, set & cement 5-1/2" 17# N-80 Hydril Flush jt new or used 'A' condition csg.

(See Reverse Side)

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 Robert D. Romek TITLE District Landman DATE 12/30/74

(This space for Federal or State office use)

PERMIT NO. 13-013-30364 APPROVAL DATE

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal 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 will be obtained from the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

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 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plans, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

5. Well head equipment will consist of 10" 3000# & 5000#;
6. Mud Program will be as follows:
 - 0-800' Fresh water spud mud 8.8 to 9.5#.
 - 800-6000' Fresh water native mud 8.8 to 9.5#.
 - 6000-TD Gel-Benex mud 9.5 to 12.6#.
7. Anticipated BHP at TD, max. of 6600 PSI.

8. Auxillary & BOP equipment on rig as follows:
- A. Hydril BOP 10" 900 series
 - B. Double Ram BOP
 - C. Kill & choke manifold - remote control
 - D. PVT Mud Sensory equipment & rate indicator
 - E. De-gasser
 - F. Rotating drilling head
 - G. Inside drill pipe BOP
 - H. Upper & lower Kelly Cocks
 - I. Well Mud Logging Unit
 - J. Gas buster
 - K. Kill valve on rig floor - for stab-in
 - L. Bulk Barite Storage

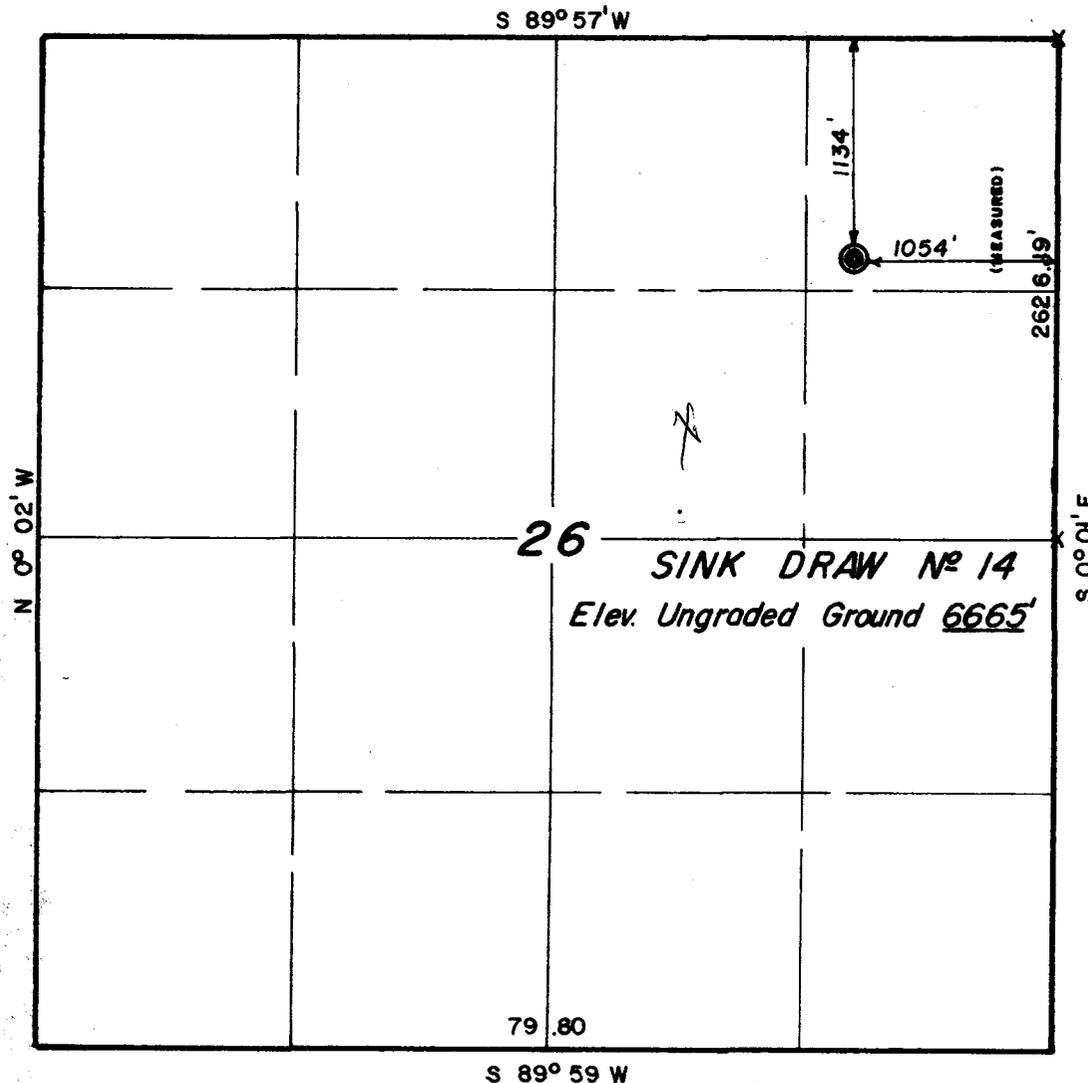
Complete well by displacing mud w/produced water thru tbgs & pkr; Press test above liner to 3000#; permeability test pay zones thru tbgs; swab test & acidize if necessary.

PROJECT

KOCH EXP. COMPANY

Well location, Sink Draw No 14, Located
as shown in NE 1/4 NE 1/4 Section 26,
T3S, R7W, USB & M. Duchesne County,
Utah.

T3S, R7W, USB & M.



CERTIFICATE

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

REGISTERED LAND SURVEYOR
REGISTRATION No 2454
STATE OF UTAH

Revised 12/19/74

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

SCALE 1" = 1000	DATE 11/21/74
PARTY LDT WP	REFERENCES GLO PLAT
WEATHER COOL	FILE KOCH EXP. CO.

X= Section corners located.

Attached to and Made a Part of Application to Drill
Sink Draw #14 Well - Section 26-T3S-R7W USM, Duchesne County, Utah

Topographical and Geological Considerations to Justify State
Oil and Gas Conservation Commission Administrative Variance on
Sink Draw #14 Well Location.

It was determined during a surface inspection by Koch Exploration personnel that the surface within the SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec 26-T3S-R7W has a great deal of thick outcrop requiring extensive heavy ripping to construct a level wellsite. Also, difficulty of a similar nature would occur during road construction to the site. It was further determined that by moving the wellsite further downslope to the location indicated on Exhibit "A" of this application and by utilizing the existing jeep trail route as indicated little surface rock is encountered. This will facilitate initial construction, maintenance and eventual restoration of both the roadway and the wellsite.

Based on available geological and production data, it appears that the location of the Sink Draw #14 as indicated on the attached plat will be more favorable for finding commercial production than if the location were in the normal drilling location (SWNE). The following geological parameters generally change from the Sink Draw #'s 1, 2 and 6 on the north of the proposed Sink Draw #14 location to the Sink Draw #'s 10 and 11 on the south: (1) the geopressure gradient decreases to the south; (2) coarse clastics suitable for fracturing decreases to the south; (3) quality and quantity of hydrocarbon shows decrease to the south; and, (4) deliverability due to decreased fracturing decreases to the south. Production data verifies the indicated deteriorating geologic conditions on the south as follows: Sink Draw #1 has cumulative production of 207,343 BO in 50 months with current production of 100 BOPD; Sink Draw #2 has produced 150,820 BO in 37 months and is currently producing 150 BOPD after recompletion; and the Sink Draw #6 has produced 13,744 BO in six months with additional remedial work being planned, while on the south the Sink Draw #11 has produced only 80 BO in its first month of production with production capacity of less than 20 BO per day at present and the Sink Draw #10 has produced only 3220 BO in 4 months and is producing about 20 BOPD. In summary, we believe that available geological and production data justifies moving the location to the north toward more favorable geological conditions.

The wellsite is still in excess of 1,000 feet from the north and east section lines and, as the minerals in the surrounding sections are all owned by the Ute Indian Tribe and working interest is owned by Koch Industries, Inc., we respectfully request that you approve the location as indicated in this application.

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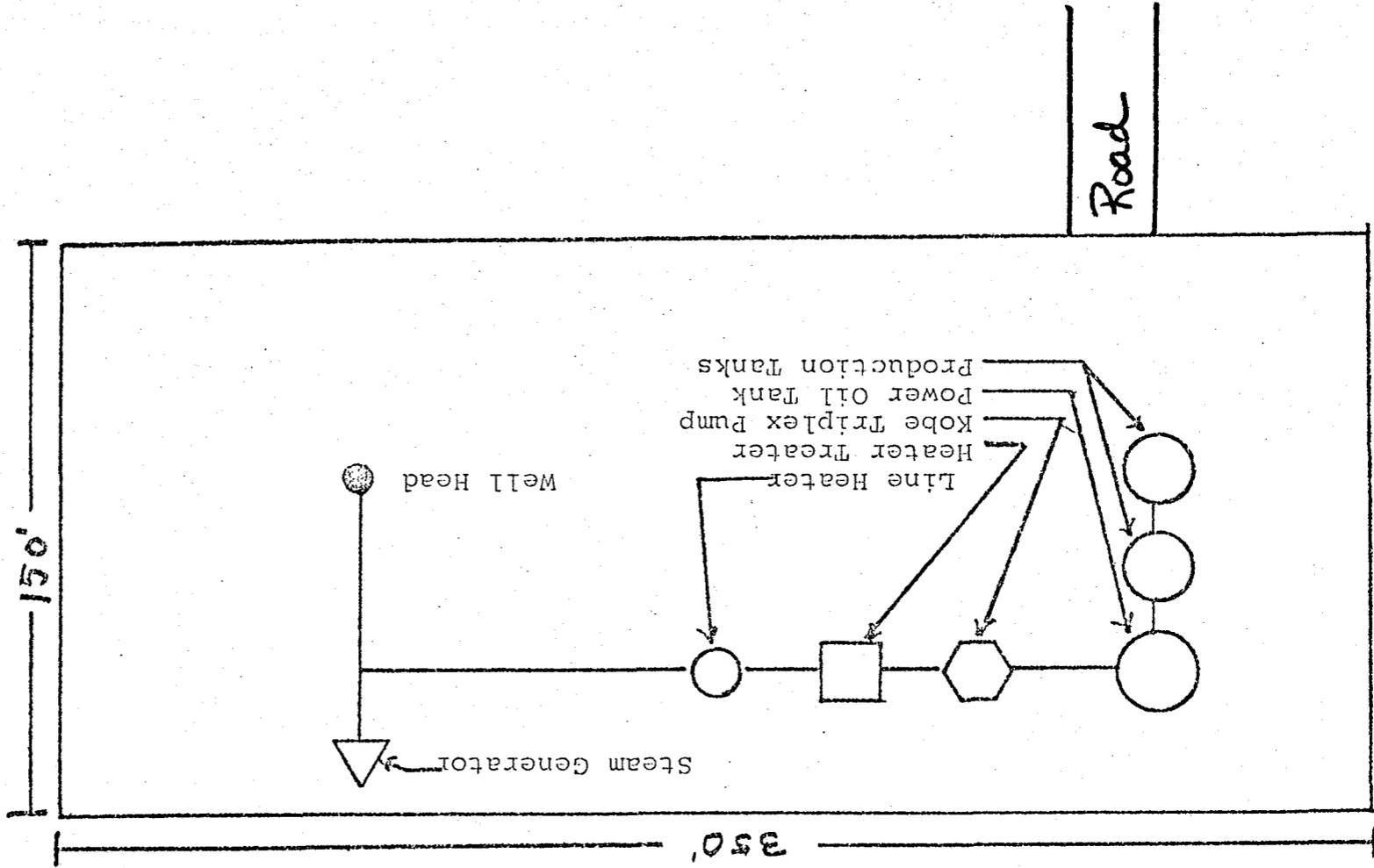
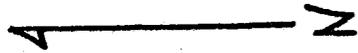
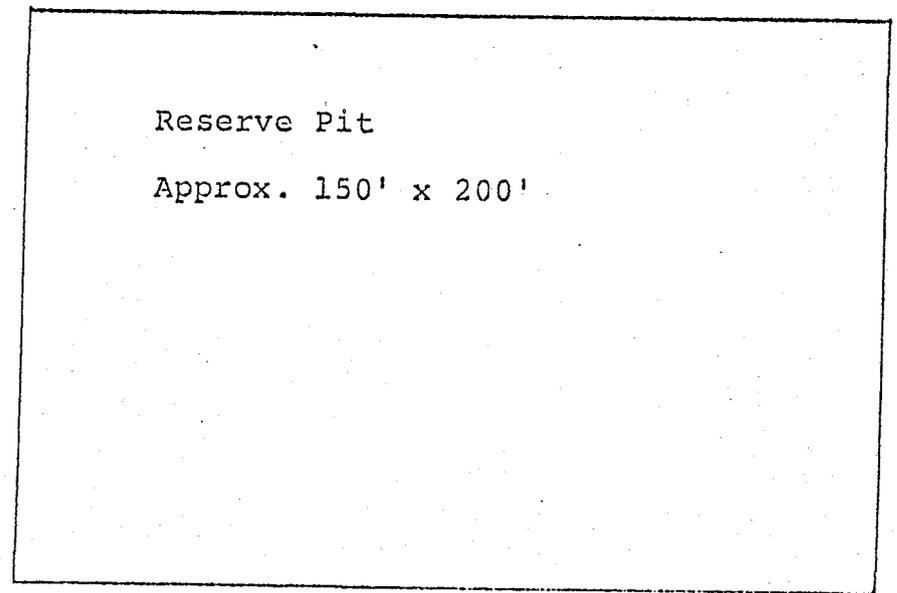
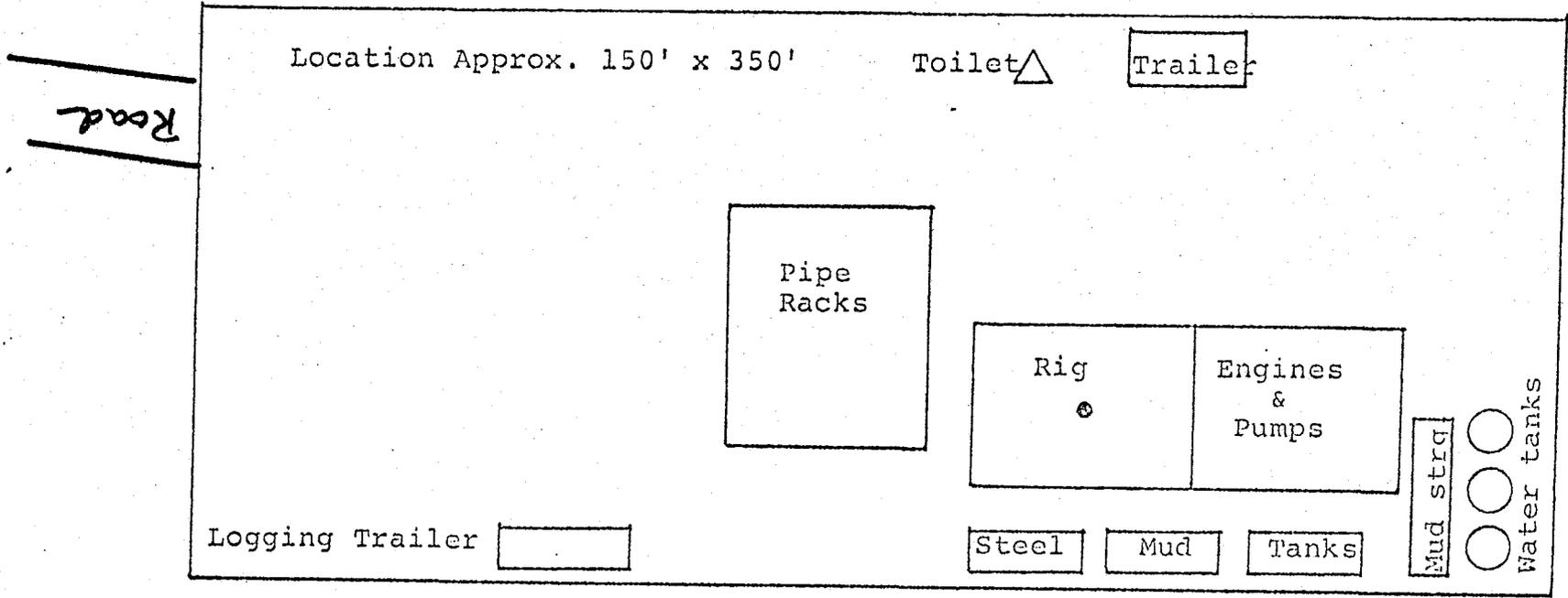


Exhibit "B"
Sink Draw # 14



DEVELOPMENT PLAN FOR SURFACE USE - SINK DRAW #14

1. Existing Roads: (Exhibit A)

Equipment and personnel will use US Highway 40 West from Duchesne Utah, approximately 13 miles. This is a paved all-weather highway. The exit from this highway will be north at an existing 16' access gate approximately 1/4 mile from the east line of Section 35-T3S-R7W, where an existing trail runs in a northerly direction. This trail will need to be widened and graded.

2. Planned access roads: (Exhibit A)

Utilizing the existing jeep trail route from the exit on Highway 40 to a point approximately 150' east of the wellsite, from which an access road will be built in to the site. The existing trail along this route will require widening and grading. No new routing will be required at any point along our proposed route. Existing trails will be improved.

3. Location of Existing Wells: (Exhibit A)

The proposed well is 1 mile south of our Sink Draw #6, a producing oil well. It is also approximately 1 mile southwest of our Sink Draw #8 well, which is being completed at this time as an oil well.

4. Lateral Roads to Well Location:

There are no lateral roads into the proposed well location.
(See Exhibit A)

5. Location of Tank Battery and Flow Lines: (Exhibit B)

It is anticipated that, if the well is productive, it will produce oil with a high pour point. The tank battery will be built as near the well as possible and will consist of two 500-bbl. power oil tanks and two production tanks of either 300 or 400-bbl. capacity. There will also be a steam generator, heater treater, line heater and a Kobe or National Triplex pump and engine. All flow lines and lines connected to the vessels will be tested before insulation. All pits will be fenced immediately. Because of the high pour point of the oil, there is little danger of any oil spills getting into drainage systems; however, embankments will be erected where necessary.

6. Location and Type of Water Supply:

The source of water to be used in the drilling operations will be from Starvation Reservoir, east of the location approximately 10 miles by road. Water trucks will be used to haul the water.

7. Waste Disposal:

The drilling contractor will furnish a chemical toilet. Cuttings, metal, wire line, etc. that will not burn will be either buried or hauled off the location.

8. Location of Camps:

No camps are anticipated.

9. Location of Airstrips:

No airstrips are required.

10. Location Layout: (Exhibit C)

We plan to have the rig facing south with the reserve and burn pits on the north side. The terrain is relatively flat, with a downward slope to the northeast and there does not appear to be any drainage problem.

11. Plans for Restoration of the Surface:

A minimum amount of the area will be disturbed to build the location. Upon completion of drilling, the area will be leveled and the pits either filled or fenced as soon as the rig is moved. All areas not needed in producing operations will be seeded with a grass mixture of five pounds crested wheat grass, five pounds intermediate wheat grass and three pounds nomad alfalfa to each acre. The planting will be done in the fall or early winter, when conditions are favorable.

12. General Description of Topgraphy, Vegetation and Other Aspects of Area:

The area of the location has a gentle downward slope to the north with Sink Draw to the north. Cedar growth in the area is relatively dense with sparce undergrowth.

January 29, 1975

Koch Exploration Company
1515 Arapahoe Street
Suite 530
Denver, Colorado 80202

Re: Well No. Sink Draw #14
Sec. 26, T. 3 S, R. 7 W
Duchesne 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 the Order issued in Cause No. 140-6.

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

CLEON B. FEIGHT - Director
HOME: 466-4455
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 43-013-30364.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sw



OIL, GAS, AND MINING BOARD

CALVIN L. RAMPTON
Governor

GUY N. CARDON
Chairman

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

CHARLES R. HENDERSON
ROBERT R. NORMAN
JAMES P. COWLEY
HYRUM L. LEE

CLEON B. FEIGHT
Director

September 23, 1976

RECEIVED
SEP 27

Koch Exploration Co.
1515 Arapahoe St.
Suite 530
Denver, Colorado 80202

Re: Well No. Sink Draw #14
Sec. 26, T. 3S, R. 7W
Duchesne County, Utah

Gentlemen:

In reference to above mentioned well, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill this well, please notify this Division. If spudding or any other activity has taken place, please send necessary report forms.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

KATHY OSTLER
RECORDS CLERK

9/27/76

We no longer plan to drill Sink Draw #14. No spudding or any other activity has taken place.

M. W. Crawford
M. W. Crawford
Clerk



Koch Exploration Co.
1 Park Center - 80202
1515 Arapahoe Street
Denver, CO. 80202