

UTAH DIVISION OF OIL AND GAS CONSERVATION

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

Location abandoned - 1-5-76

DATE FILED 9-18-74

LAND: FEE & PATENTED _____ STATE LEASE NO. _____ PUBLIC LEASE NO. _____ INDIAN 14-20-462-1117

DRILLING APPROVED: 9-19-74

SPUDED IN: _____

COMPLETED: _____ PUT TO PRODUCING: _____

INITIAL PRODUCTION: _____

GRAVITY A.P.I. _____

GOR: _____

PRODUCING ZONES: _____

TOTAL DEPTH: _____

WELL ELEVATION: _____

DATE ABANDONED: 1-5-76 *Location abandoned*

FIELD: 3/8⁶ *Undesignated*

UNIT: _____

COUNTY: Duchesne

WELL NO: SINK DRAW #12 APT. NO: 43-013-30338

LOCATION 1980' FT. FROM (N) ~~BY~~ LINE, 1980' FT. FROM (E) ~~BY~~ LINE. C SW NE $\frac{1}{4}$ - $\frac{1}{4}$ SEC. 36

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR:
<u>3-8</u>	<u>7-4</u>	<u>36</u>	<u>KOCH EXPLORATION</u>				



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

August 13, 1974

U.S. Geological Survey
8416 Federal Building
125 South State Street
Salt Lake City, Utah 84111

Attn: Gerald Daniels

RE: Koch's Sink Draw #12 Well
Section 36-T3S-R7W
Duchesne County, Utah

Dear Mr. Daniels:

Attached in triplicate is U.S.G.S. 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 14-20-462-1117 covering all Sec. 36-T3S-R7W. The surface has been patented and is owned by Emory Smith, 1835 Yalecrest Avenue, Salt Lake City, Utah 84108. We have tentative arrangements with Mr. Smith for use of the surface and will make final arrangements prior to drilling activities.

Koch is operating under a \$25,000.00 state-wide bond and also under a nation-wide 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,

Robert D. Romek
District Landman

RDR/gd

cc: Bureau of Indian Affairs
Fort Duchesne, Utah 84026

Bud Ziser

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.
14-20-462-1117

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Ute

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Sink Draw

9. WELL NO.
12

10. FIELD AND POOL, OR WILDCAT
Cedar Rim

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
Section 36-T3S-R7W

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

17. NO. OF ACRES ASSIGNED TO THIS WELL
640.00

20. ROTARY OR CABLE TOOLS
Rotary

22. APPROX. DATE WORK WILL START*
October 1, 1974

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

3. ADDRESS OF OPERATOR
80202
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 Section 36-T3S-R7W
At proposed prod. zone same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
11 miles west of Duchesne, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
1980' FNL and 1980' 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.
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19. PROPOSED DEPTH
10,400'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6687 GR

22. APPROX. DATE WORK WILL START*
October 1, 1974

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	8,000	300
6-3/4	5-1/2	17.0	10,800	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. 8000'. 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. WOC 24 hrs. & drill out.
(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 [Signature] TITLE Exploration Manager DATE 8-13-74

(This space for Federal or State office use)
PERMIT NO. 43-013-30338 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 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.

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 plats, 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# & 6" 5000# Rector or Shaffer equipment.
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. No abnormal pressures anticipated.
8. Auxillary & BOP equipment on rig as follows:
 - A. Hydril BOP 10" 900 series
 - B. Double Ram BOP
 - C. Kill & choke manifold - remote controlled
 - 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/produces water; run tbg & pkr; Press test above liner to 4000#; perforate pay zones thru tbg; swab test & acidize if necessary.

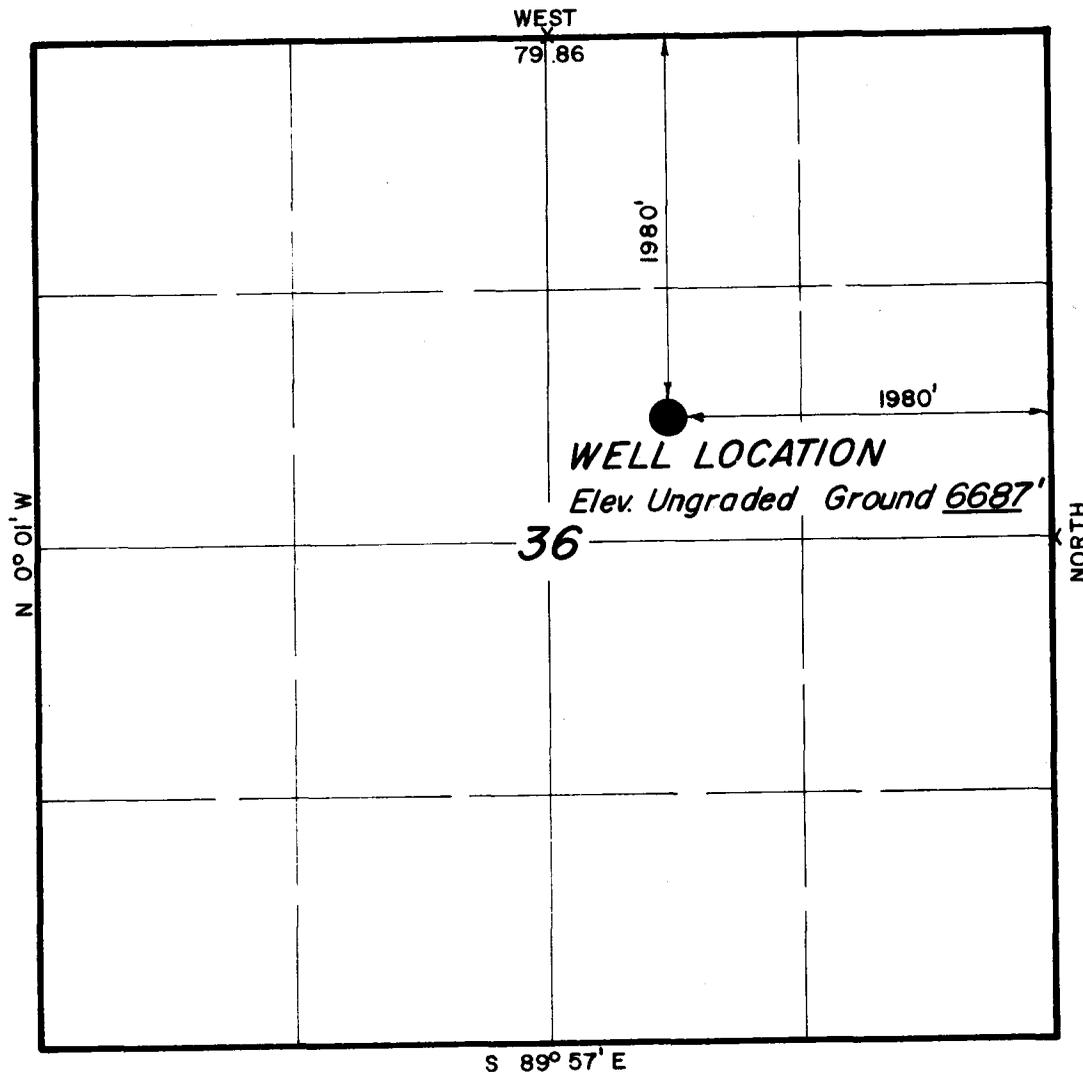
SEP 18 1974

T3S, R7W, U.S.B. & M.

PROJECT

KOCH OIL COMPANY

Well location, located as shown
in the SW 1/4 NE 1/4 Section 36,
T3S, R7W, U.S.B. & M. Duchesne
County, Utah.



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.

Sumner E. Kay

REGISTERED LAND SURVEYOR
REGISTRATION NO 3137
STATE OF UTAH

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

SCALE 1" = 1000'	DATE 8/9/74
PARTY RK LA	REFERENCES GLO PLAT
WEATHER HOT	FILE KOCH OIL CO.

X = Section corners located.

DEVELOPMENT PLAN FOR SURFACE USE-SINK DRAW #12.

1. Existing Roads: (Exhibit 'A')

Equipment and personnel will use U.S. Highway 40 West from Duchesne, Utah, approximately 11 miles. This is a paved all-weather highway. The exit from this highway will be south at the East Section line of Section 36-T3S-R7W, where an exit is provided by the Highway Department.
2. Planned Access Roads: (Exhibit 'A')

From the exit of Highway 40 on the East line of Section 36-T3S-R7W, a road will be constructed running West, South West, approximately 2000 feet to the well location. The terrain is flat with no drainages or fills required. Several trees will be destroyed in building the location.
3. Location of Existing Wells: (Exhibit 'A')

The proposed well is just 2 miles East of our Sink Draw #10 well in Section 34-T3S-R7W which is being completed as an oil well; and is one mile east of our Sink Draw #11 well in Section 35-T3S-R7W which is now drilling. Our Sink Draw #2 in Section 24 and our Sink Draw #6 in Section 23-T3S-R7W, both completed as producing oil wells, are approximately 2 miles north of the proposed location.
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 close to the well as possible and will consist of 2 500 bbl. power oil tanks and 2 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 proposed location approximately 7 miles. 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 east with the reserve and burn pits on the North side. The terrain is relatively flat with a general incline to the South West, 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 5 lbs. crested wheat grass, 5 lbs. intermediate wheat grass and 3 lbs. nomad alfalfa to each acre. The planting will be done in the fall or early winter when conditions are favorable.
12. General Description of Topography, Vegetation and other Aspects of Area:
The general area of the location is rolling with grasses as vegetation North of the pinion pines. The surface is used for grazing sheep and the access road and location will be built to afford the least damage to the grasses needed for grazing.

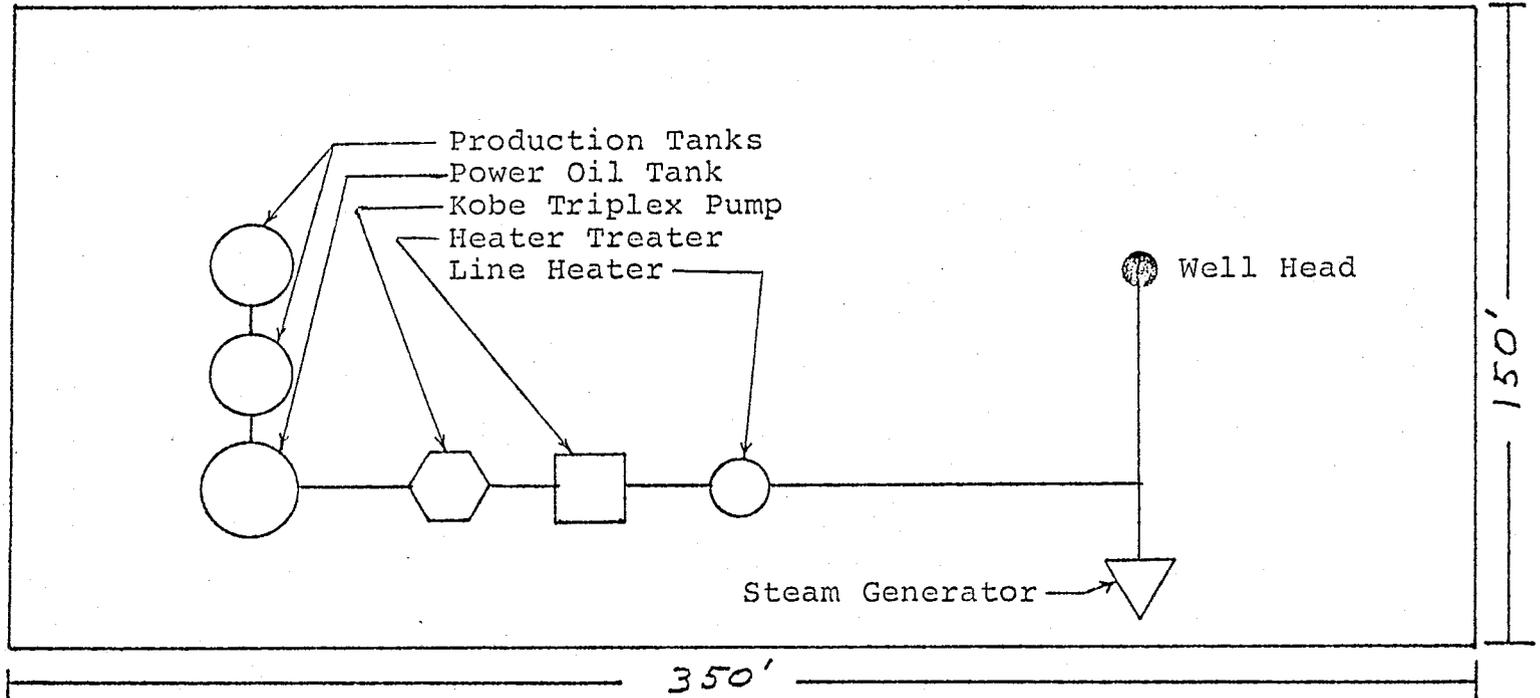


EXHIBIT 'B'

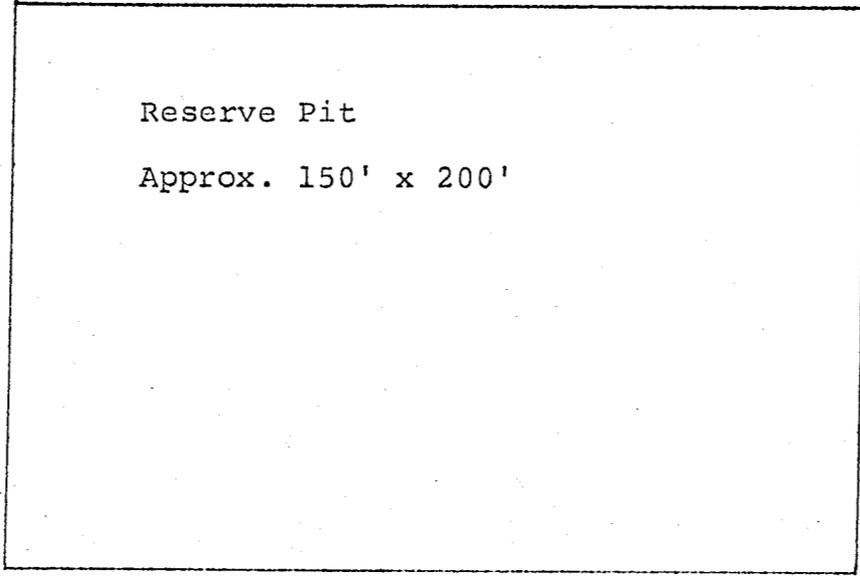
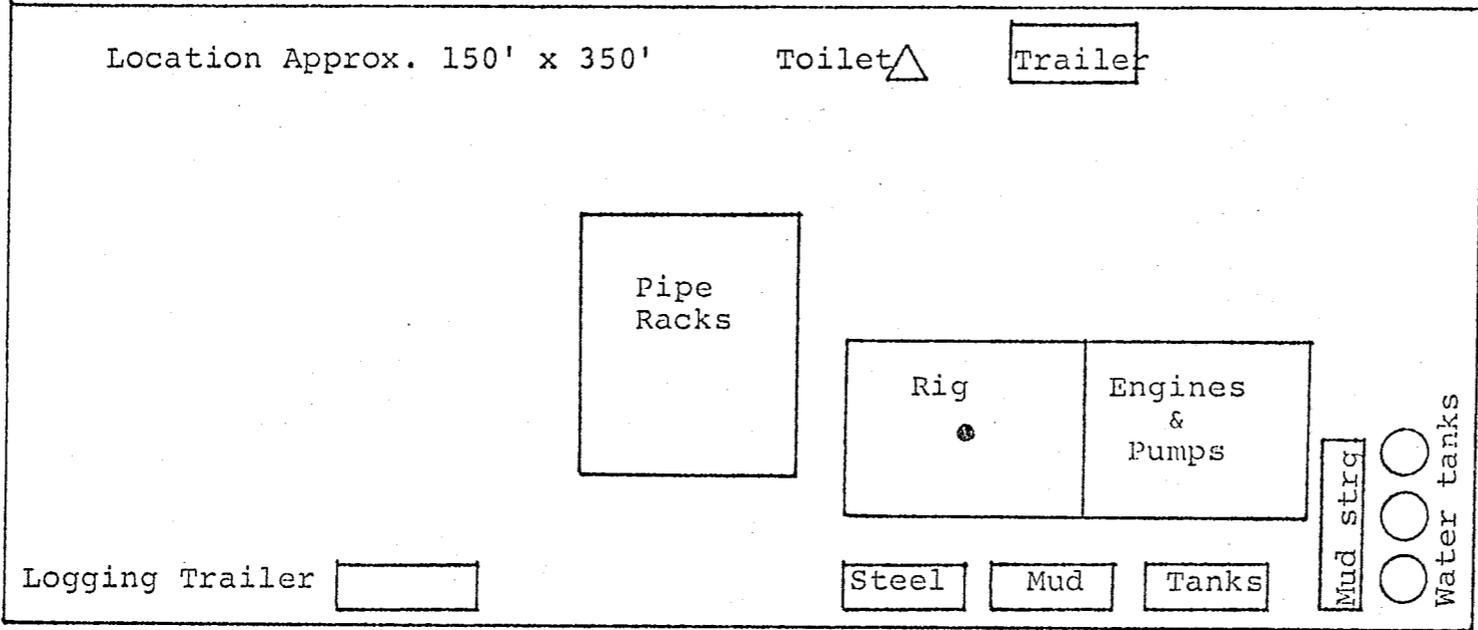


EXHIBIT 'C'



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

September 16, 1974

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

Attn: Cleon Feight

Re: Koch's Sink Draw #12 Well
Section 36-T3S-R7W
Duchesne County, Utah

Gentlemen:

Attached is copy of our letter dated August 13 to USGS,
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,


Robert D. Romek
District Landman

mwc
Encl

September 19, 1974

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

Re: Well No. Sink ~~D~~law #12
Sec. 36, 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 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:

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

Due to the great increase in Utah's drilling activity, and thus well inspections, it would be appreciated if your company would advise this office as to your drilling contractor, rig number and toolpusher, immediately upon spudding-in.

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 43-013-30338.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sw

January 5, 1976

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

Re: Well No. Sink Draw #12
Sec. 26, T. 3 S, R. 7 W,
Duchesne County, Utah

Gentlemen:

Upon checking our records it is noted that there has been no attempt to commence drilling operations on the above referred to well for a period of over one year. Therefore, please be advised that the approval granted by this Division on September 19, 1974 to initiate said operations is hereby terminated.

If and when you decide to drill this well, it will be necessary for you to again obtain the approval of this office.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT
DIRECTOR

CBF:sw