

FILE NOTATIONS

Entered in NID File
Location Map Pinned
Card Indexed

Checked by Chief
Approval Letter
Disapproval Letter

COMPLETION DATA:

Date Well Completed 4/27/78.....

Location Inspector

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

Bond

GW..... OS..... PA.....

State or Fee Land

LOGS FILED

Driller's Log

Electric Log

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

PHC Sonic GR..... Lat..... Sonic.....

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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
 Koch Exploration Company, a division of Koch

3. ADDRESS OF OPERATOR
 Industries, Inc.
 1 Park Central, Suite 530, Denver, CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface 1120' FWL-1120' FSL (NE $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$) Section 10-
 T3S-R6W
 At proposed prod. zone Same

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

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 1120' FWL & 1120' FSL ✓

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.
 1661' N
 2785' E

19. PROPOSED DEPTH
 10,400' ✓

20. ROTARY OR CABLE TOOL
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 GR 6260' ungraded - 6259' graded

22. APPROX. DATE WORK WILL START*
 9/15/77

5. LEASE DESIGNATION AND SERIAL NO.
 14-20-462-1127

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 The Ute Indian Tribe ✓

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 Cedar Rim ✓

9. WELL NO.
 #20 ✓

10. FIELD AND POOL, OR WILDCAT
 Cedar Rim

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA.
 Sec 10-T3S-R6W ✓

12. COUNTY OR PARISH
 Duchesne

13. STATE
 Utah

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT

See attached sheet for casing, cementing and drilling program.

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 C. McClain TITLE Exploration Manager DATE 9/6/77

(This space for Federal or State office use)

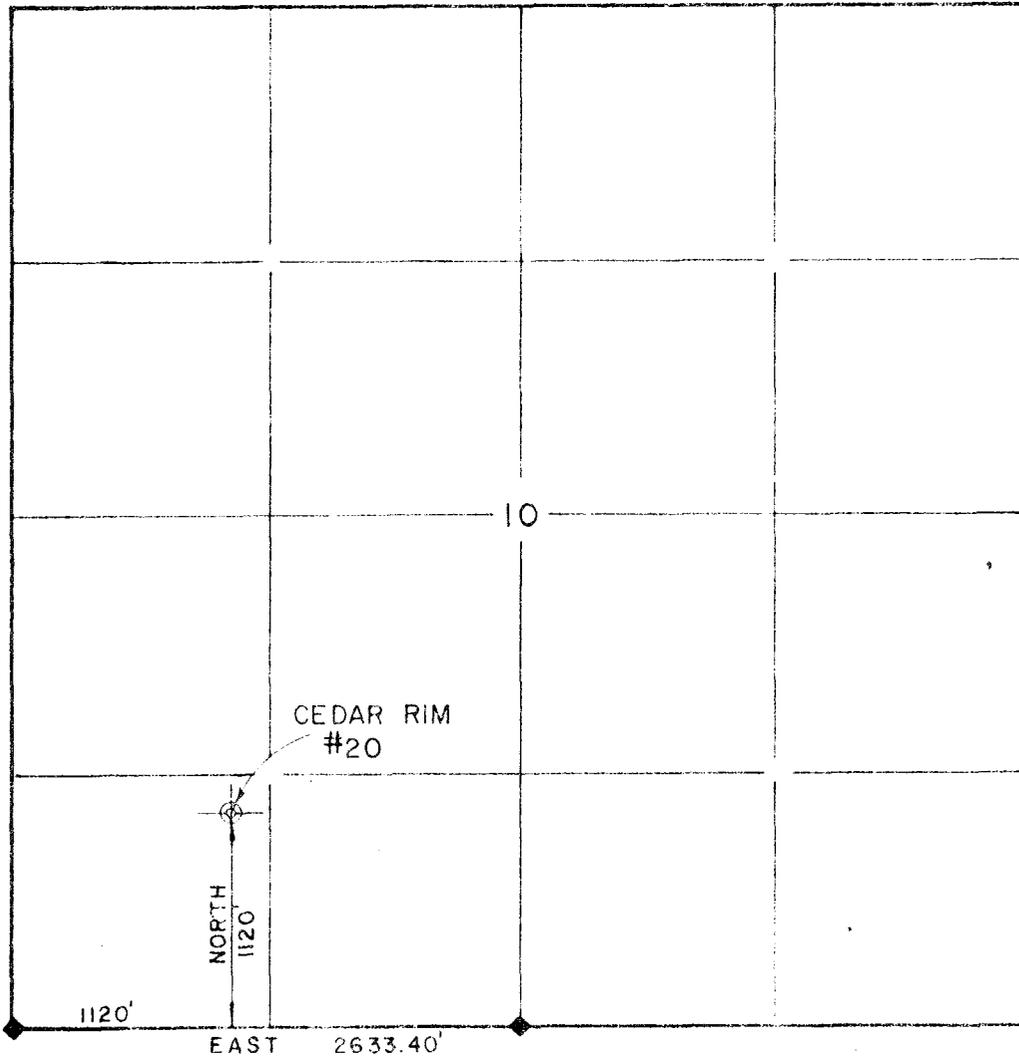
PERMIT NO. 43-013-30433 APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

**KOCH EXPLORATION CO.
OIL WELL LOCATION
CEDAR RIM #20**

SW 1/4 OF SW 1/4 SEC. 10
T.3 S., R.6 W. U.S.B.&M.



NORTH

SCALE: 1" = 1000'

LEGEND & NOTES

◆ ORIGINAL STONES FOUND

THE BASIS OF BEARINGS FOR THIS SURVEY IS EAST-WEST BETWEEN THE SHOWN ORIGINAL CORNERS.

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM FIELD NOTES OF AN ACTUAL SURVEY PERFORMED UNDER MY DIRECT SUPERVISION, DURING WHICH THE SHOWN MONUMENTS WERE FOUND OR ESTABLISHED.

Jerry D. Allred
JERRY D. ALLRED, REGISTERED LAND SURVEYOR, CERTIFICATE NO. 3817



ALLRED - PEATROSS ASSOCIATES
SURVEYING & ENGINEERING CONSULTANTS
P. O. Drawer C
DUCHESNE, UTAH 84021
(801) 738-5352

APPLICATION FOR PERMIT TO DRILL

CEDAR RIM #20

September 6, 1977

1. Location - Section 10-T3S-R6W, USM, Duchene County, Utah
2. Elevation - 6260' Ungraded Ground.
3. Geologic name of surface formation - Uinta Formation.
4. Type of drilling tools - Rotary.
5. Proposed drilling depth - 10,400' (Wasatch)
6. Estimated tops of important geologic markers -
 Green River Formation: 3760'
 Lower Green River Marker: 7960'
 Wasatch 8310'
7. Estimated depths at which oil and gas will be encountered: From 4000' to TD.
8. Proposed casing program:

Surface casing	10-3/4"	40.5#	K55LC
Intermediate csg	7"	26#	K55 LTC SH
Production csg	4-1/2"	11.6#	K55 & N80 LTC New
9. Proposed setting depth of each casing string and the amount and type of cement including additives:

10-3/4"	csg @ 600', cmt w/300 sx Class "G" w/3% CaCl
7"	csg @ 8500', cmt w/200 sx BJ lite and 100 sx Class "G" w/2% CaCl
4-1/2"	liner from 8300' to 10,400', cmt w/200 sc Class "G" w/2% Gel 0.4% R-5.
10. Pressure Control Equipment, Well Heads & BOP's.
 - 13-3/8" csg head - 3000# WP Gray Head or equivalent.
 - 9-5/8" csg head - 5000# WP Gray Head or equivalent.
 - 13" 900 Series Shaffer Double Hydraulic BOP.
 - 13" 900 Series GK Hydril BOP w/80 gal accumulator.
 - SWACO HP Kill & choke manifold.
 - PVT Mud sensory equipment & rate indicator.
 - Degasser & Gas Buster
 - Rotating Drilling Head
 - Upper & Lower Kelly Cocks
 - Well Mud Logging Unit
 - Kill valve on Rig Floor - for stab-in.
 - Bulk Barite Storage.
11. Mud Program:
 - 0 to 600' Fresh water. Spud mud 8.8 to 9.5#. 600 to 4500'. 4500 to 6400' Fresh water native mud 8.8 to 9.5# 6400 to TD Gel-Benex mud 9.2 to 13.0#. Mud pits will hold approx. 300 bbls. Will keep several hundred bbls produced water in reserve pit. Will have bulk barite storage hopper w/several tons on location at all times.
12. Testing, logging and coring program:
 - No drill stem tests anticipated.
 - No cores will be cut.
 - Dual Induction Laterolog, SP, GR & Density Logs will be run.
13. No abnormal pressures, temperature or poison gas anticipated.
14. Plan to start drilling well by 9/15/77. Well should be completed in 90 days.
15. Misc. information - Will complete well by displacing mud w/produced water; run tbg and pkr; perforate pay zones through tbg; swab test and acidise, if necessary.

R6W

TEXACO, INC.

KOCH INDUSTRIES, INC.

Cedar Rim #14 Well

Proposed Location

EXISTING ROAD

KOCH INDUSTRIES, INC.

KOCH INDUSTRIES, INC.
PHILLIPS PETROLEUM CO.

Cedar Rim #10 Well

Cedar Rim #5 Well

KOCH INDUSTRIES, INC.

TEXACO

Cedar Rim #6

Cedar Rim #8

21 Gas Plant

Cedar Rim #11

Rabbit

Gutcher

Cedar Rim #12

Cedar Rim #16

Cedar Rim #15

MT

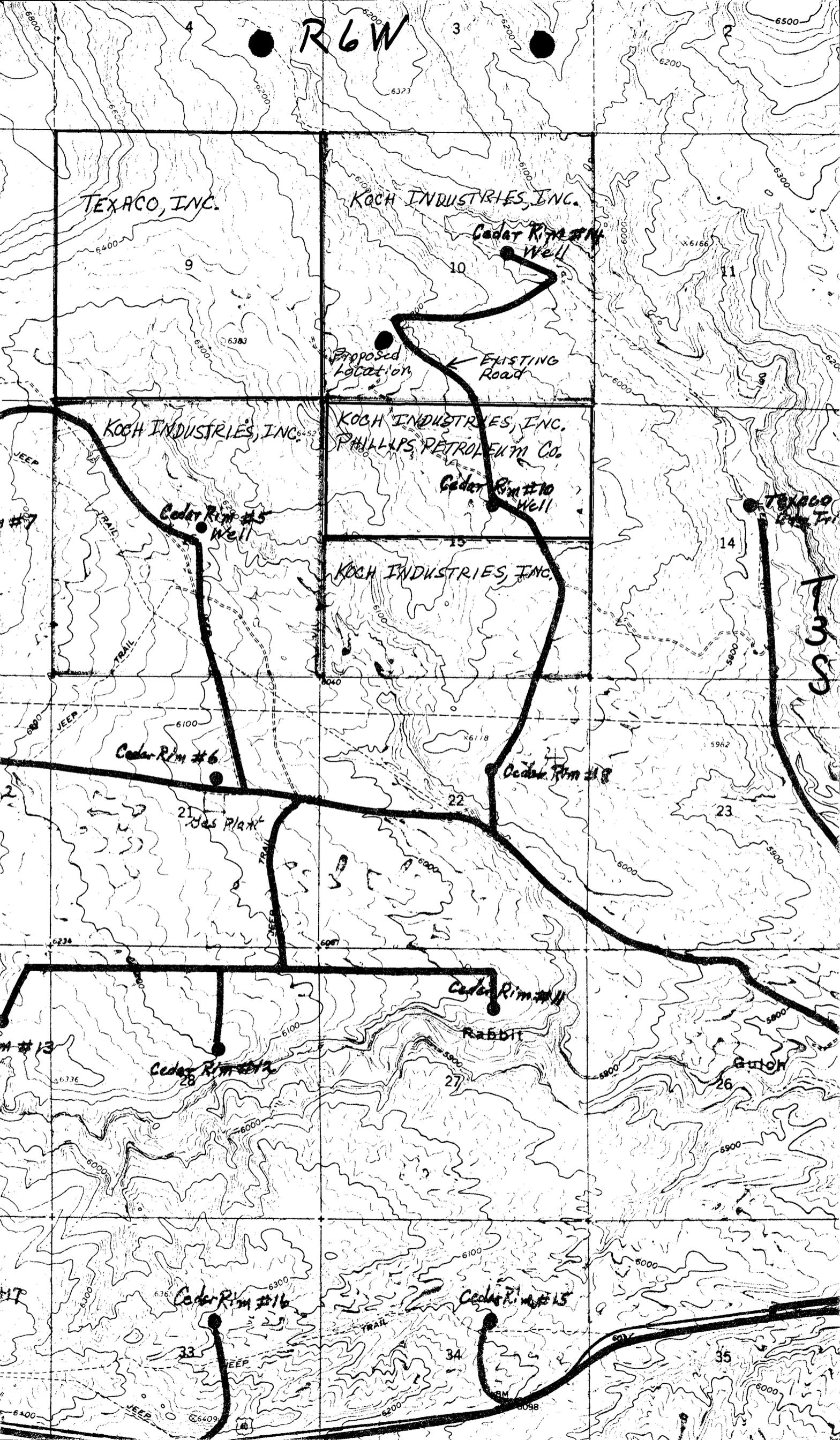
33

#13

33

34

35



APPLICATION FOR PERMIT TO DRILL
CEDAR RIM #20
September 6, 1977

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7" csg @ 8500', cmt w/200 sx BJ lite and 100 sx Class "G"
w/2% CaCl
4-1/2" liner from 8300' to 10,400', cmt w/200 sc Class "G" w/2% Gel
0.4% R-5.

10. Pressure Control Equipment, Well Heads & BOP's.

13-3/8" csg head - 3000# WP Gray Head or equivalent.
9-5/8" csg head - 5000# WP Gray Head or equivalent.
13" 900 Series Shaffer Double Hydraulic BOP.
13" 900 Series GK Hydril BOP w/80 gal accumulator.
SWACO HP Kill & choke manifold.
PVT Mud sensory equipment & rate indicator.
Degasser & Gas Buster
Rotating Drilling Head
Upper & Lower Kelly Cocks
Well Mud Logging Unit
Kill valve on Rig Floor - for stab-in.
Bulk Barite Storage.

11. Mud Program:

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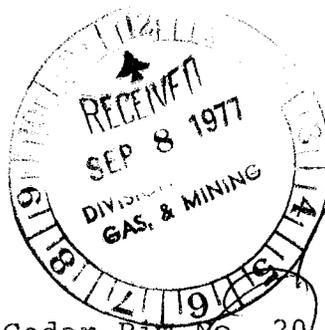
15. Misc. information - Will complete well by displacing mud w/produced water; run tbg and pkr; perforate pay zones through tbg; swab test and acidise, if necessary.

KOCH EXPLORATION COMPANY

SUITE 530 ONE PARK CENTRAL 1515 ARAPAHOE STREET
DENVER, COLORADO 80202 TEL 303-623-5266



September 6, 1977



U. S. Geological Survey
8440 Federal Building
Salt Lake City, UT 84138

Re: Cedar Rim No. 20
NE $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 10-T3S-R6W
Duchesne County, Utah

Gentlemen:

Attached, in triplicate, is an Application to Drill the above-referenced well to test the Wasatch formation, together with the following papers:

1. Location Plat.
2. Rehabilitation statement with a copy of a letter to the surface owner.
3. Surface Use Plan (NTL-6 Checklist) with a location layout and a USGS map showing roads and producing wells in the area.

Please note that Cedar Rim No. 14 well was drilled to test the Wasatch Formation in the SE $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 10-T3S-R6W but was plugged back to a depth of 4900' and completed as an oil well in the Upper Green River Formation. Since the above-referenced well is an off-pattern well, we have secured the approval of the off-setting lease owners, Texaco, Inc. and Phillips Petroleum Corporation. Copies of their letters of approval are also attached.

Yours very truly,

Robert D. Romek
Robert D. Romek
District Landman

mwc
Encl

cc: USGS - Vernal, Utah
BIA - Fort Duchesne, Utah
State of Utah Oil, Gas and Mining
Esker Matteson
Bud Ziser

*Must submit
Copies of
Acidizing,
Fracturing, or
Ticketing*

*Must submit
Copies of
Cementing
tickets*

OK Plat
*Must Complete
in lower Green
River -
Wasatch
only*
*Must Submit
Copy of
Permitting
log*

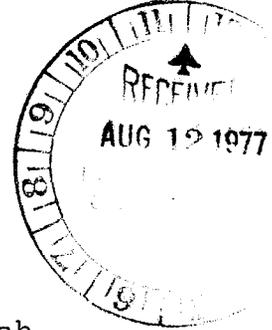
KOCH EXPLORATION COMPANY

SUITE 530 ONE PARK CENTRAL 1515 ARAPAHOE STREET
DENVER, COLORADO 80202 TEL. 303-623-5266



August 10, 1977

The State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
1588 West North Temple
Salt Lake City, Utah 84116



ATTN: Cleon B. Feight

Re: Cedar Rim Area
Duchesne County, Utah

Gentlemen:

Koch has heretofore drilled its Cedar Rim #14 well in the SE $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 10, Township 3 South, Range 6 West, Duchesne County, Utah to a total depth of 10,403'. An unsuccessful attempt was made to complete this well in Lower Green River and Wasatch formations and said well was plugged back to a total depth of 4900' and completed as an oil well in the Upper Green River Formation.

We feel that a well could be completed in the Lower Green River and Wasatch Formations in the SW $\frac{1}{4}$ of said Section 10 and that said well is necessary to protect the correlative rights of Koch and its royalty owners. The attached plat shows the offsetting lease owners, being Texaco, Inc. owning All Section 9, Koch owning All Section 16, Koch and Phillips Petroleum Company owning N $\frac{1}{2}$ Section 15 and Koch owning all of the S $\frac{1}{2}$ Section 15. Texaco and Phillips have approved our request for a location in the approximate center of the SW $\frac{1}{4}$ Section 10, and their letters of approval are attached.

In order that we can proceed with staking the location and prepare and file a formal application to drill, we should like your approval to this off-pattern location.

Yours very truly,

A handwritten signature in cursive script that reads "Robert D. Romek".
Robert D. Romek
District Landman

mwc
Encl



PETROLEUM PRODUCTS

PRODUCING DEPARTMENT
WEST UNITED STATES
DENVER DIVISION

J. C. WHITE
ASSISTANT DIVISION MANAGER

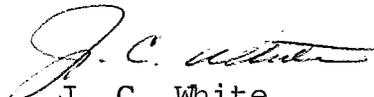
TEXACO INC.
P. O. BOX 2100
DENVER, COLORADO 80201

August 4, 1977

CEDAR RIM AREA
SEC. 10-3S-6W
DUCHESNE COUNTY, UTAH

State of Utah
Oil and Gas Commission
Salt Lake City, Utah

Texaco supports Koch Exploration Company's request for permit for a lower Green River-Wasatch development location at 1320'FSL and 1320'FWL Sec. 10, T3S-R6W, Duchesne County. Two hundred feet of tolerance is also recommended in order to minimize surface disturbances.


J. C. White

MOG:rw



PHILLIPS PETROLEUM COMPANY

DENVER, COLORADO 80202
1000 SECURITY LIFE BUILDING

NATURAL RESOURCES GROUP
Exploration and Production

August 9, 1977

Re: Cedar Rim Area
Section 10-T3S-R6W
Duchesne County, Utah

State of Utah
Oil and Gas Commission
Salt Lake City, Utah

Gentlemen:

Phillips Petroleum Company supports Koch Exploration Company's request for permit for a lower Green River-Wasatch development location at 1320' FSL and 1320' FWL Section 10-T3S-R6W, Duchesne County. Two hundred feet of tolerance is also recommended in order to minimize surface disturbances.

Very truly yours,

A handwritten signature in cursive script, appearing to read "J. P. Denny".

J. P. Denny - Production
Manager - Western Region

NNB:mfd

Koch Exploration ~~Oil~~ Company intends to drill a well on surface owned by Melvin B. White. The lessee/operator agrees to complete the following rehabilitation work if the well is a producer:

Yes No Maintain access road and provide adequate drainage to road.

Yes No Reshape and reseed any area in excess of the pump and support facilities.

Other requirements: _____

The following work will be completed when the well is abandoned:

Yes No Site will require reshaping to conform to existing topography.

Yes No Pit will be fenced until dry, then filled to conform to topography.

Yes No Entire disturbed area will be reseeded. If yes, the following seed mixture will be used:

10# per acre, if drilled; 15# per acre if broadcast;
seed mixture as then recommended by the surface owner.

Yes No Access road will be rehabilitated and reseeded using the same seed mixture as above.

Yes No Access road will remain for landowner's use.

Other requirements: _____

Landowner

Name: Melvin B. White
Address: _____
City: Duchesne
State: Utah 84021
Telephone: (801) (738-2601)
Date: 9/6/77

Operator/Lessee

Name: Koch Exploration Company
Address: Suite 530, 1 Park Central
City: Denver,
State: Colorado 80202
Telephone: (303) 623-5266
Date: 9/6/77

Yes No I certify rehabilitation has been discussed with the surface owner.

This agreement covers rehabilitation requirements only and does not affect any other agreements between the lessee/operator and surface owner.

Robert A. Bonek
District Landman

KOCH EXPLORATION CO.

Oil Well- Cedar Rim #20
Section 10, T3S, R6W, U.S.B. & M.
Duchesne County, Utah

- 1.) EXISTING ROADS
 - A. See accompanying U.S.G.S. map.
 - B. Drive west from Duchesne, Utah 6.8 miles on U.S. 40. Turn north and drive on well traveled gravel road 1.5 miles to a junction. Continue west on gravel road 1.8 miles to a junction. Turn north and drive 1.9 miles to the proposed access road. Turn west and drive along proposed access road 0.2 miles to site.

- 2.) PLANNED ACCESS ROADS
 - A. See accompanying U.S.G.S. map.
 - B. The proposed road will be .2 miles long and 20 feet wide constructed of native materials. The road will be constructed along the top of a ridge with a maximum grade of 5%. No cattle guards or grates will be needed as no existing fences will be cut.

- 3.) LOCATION OF EXISTING WELLS
 - A. See accompanying U.S.G.S. map.

- 4.) LOCATION OF EXISTING AND/OR PROPOSED FACILITIES
 - A. See accompanying maps and plats.
 - B. KOCH has tank batteries and support facilities at each of their wells in the area as well as wet and dry gas gathering lines between the wells, connecting to the KOCH owned gas plant.
 - C. The reserve pit will be flagged and fenced for the protection of wildlife, waterfowl and livestock.
 - D. That part of the facility no longer needed after construction is completed will be graded back to slope and re-seeded with 10 lbs./acre if drilled, and 15 lbs./acre if broadcast with seed acceptable to land owner.

- 5.) LOCATION AND TYPE OF WATER SUPPLY
 - A. See accompanying U.S.G.S. map.
 - B. The source of water is the Strawberry river near Duchesne, Utah.
 - C. The water will be hauled by water truck along the roads described in item No. 1.

- 6.) SOURCE OF CONSTRUCTION MATERIALS
 - A. Imported construction materials will not be needed on this location. The native material is suitable for the construction of the location.

- 7.) METHODS FOR HANDLING WASTE DISPOSAL
 - A. Cuttings and drilling fluids will be disposed of in the reserve pit.
 - B. Waste water will be disposed of as above.
 - C. Sewage: a porta-toilet will be located at the location and be serviced by the leasing company.

- D. Garbage and trash. It will be stored in a fenced trash pit and hauled to a sanitary land-fill during final clean-up operations.
- E. The entire area will be cleaned up upon completion of the location.

8.) ANCILLARY FACILITIES

- A. None planned.

9.) WELL SITE LAYOUT

- A. See accompanying plat.

10.) PLANS FOR RESTORATION OF THE SURFACE

- A. Clean up will begin upon the moving out of the rig.
- B. Build the permanent location as shown on the accompanying plats.

11.) OTHER INFORMATION

- A. The location is located on a sandstone ridge with a southeasterly slope of approximately 5%. The soil is composed of sand and sandstone ledges. The vegetation is composed of Pinon Pine and Juniper with cactus and sagebrush. The animal life consists of small rodents, lizards, rabbits, and an occasional deer.
- B. There is no running water in the area; no dwellings in the area and no evidence of archeological or historical sites in the area.

12.) Lessee's or operator's representative:

Esker Matteson
Box 498
Duchesne, Utah 84021

- 13.) I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Koch Exploration Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.



Robert D. Romek
District Landman

September 6, 1977

U.S. GEOLOGICAL SURVEY, CONSERVATION DIVISION

FROM: DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH

TO: DISTRICT ENGINEER, SALT LAKE CITY, UTAH

Well	Location	Lease No.
Koch Explor. Co. # 20	1120' FWL, 1120' FSL, S10, T3S R6W, USM, Duchesne Co., UTAH TREL 6260'	14-20-962-1127

1. Stratigraphy and Potential Oil and Gas Horizons. *Surface rocks are of the Uinta Formation.*

Proposed drilling depth will be 10,400' in the Wasatch Formation, which contains water & gas.

2. Fresh Water Sands.

WRD report on page 2.

3. Other Mineral Bearing Formations. *Gas may occur in the Wasatch (Coal, Oil Shale, Potash, Etc.)*

3m (10,000' +). Coal if present is at depths greater in Cretaceous rocks below projected well drilling. Oil Shale may occur in the Green River 3m - Middle Parachute CR members about 2500' +. Silsonite may occur in the Green River 3m. + Bridges

4. Possible Lost Circulation Zones. *3ms.*

Unknown.

5. Other Horizons Which May Need Special Mud, Casing, or Cementing Programs.

Unknown.

6. Possible Abnormal Pressure Zones and Temperature Gradients. *Mtn. Fuel Supply # 2 well, S. 20,*

same trap, a blow out occurred at a depth of 8471'. See BOGTO file of Burchell letter dated 10-14-69.

7. Competency of Beds at Proposed Casing Setting Points.

Probably competent.

8. Additional Logs or Samples Needed. *Electric logs are a value to identify Oil shale & Silsonite Horizons.*

9. References and Remarks

Date: *9-19-77*

Signed: *emp*

Shale Oil and Gas

Depths of fresh-water zones:

Texaco Inc., Produc. Dept, Rocky Mtns., Ute Tribe E-1, Black Cedar
2, 078' fnl, 1, 855' fel, sec. 12, T. 3 S., R. 6 W., 'USB&M, Duchesne Co., Utah
Elev. 6, 048 ft, proposed depth 10, 400 ft

<u>Stratigraphic units</u>	<u>Tops, approx.</u>	<u>Quality of water</u>
Uinta Fm	surface	fresh/useable
Green River Fm	2, 500 ft	useable/saline
Wasatch Fm	9, 500 ft	saline/brine

Water wells in the near vicinity of the proposed test do not exceed about 500 feet in depth. Fresh or useable water may be found to depths of about 4, 000 feet in the Green River Fm at this location. Deeper aquifers contain saline water and brine.

USGS - WRD
7-12-71

ATTACHMENT 2-A

SUMMARY OF ENVIRONMENTAL IMPACT EVALUATION

EIA NO. 713
DATE 9/28/77

OPERATOR Koch Expl Co
LEASE # 14-20-462-1127
WELL NO. #20
LOC. SW 4 SW SEC. 10
T. 35 R. 6W
COUNTY Duchesne STATE Utah
FIELD Cedar Rim
USGS Alexander/ Evans
BLM
REP: Matteson
DIRT THREE CONTRACTORS
 ENHANCES
 NO IMPACT
 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

Land Use	Forestry	/	/	/																
	Grazing	/	/	/																
	Wilderness																			
	Agriculture																			
	Residential-Commercial																			
	Mineral Extraction																			
	Recreation	0	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
	Scenic Views	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
	Parks, Reserves, Monuments																			
	Historical Sites	NONE KNOWN																		
Unique Physical Features																				
Flora & Fauna	Birds	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
	Land Animals	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
	Fish																			
	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Safety & Health	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
Others	BLASTING																			

~~BLASTING~~
 Reg. Permit
 BPA - H. Decker
 State Dept. and Gas

LEASE 14-20-462-1127 Utc Indian DATE 28 SEPT 77

WELL NO. # 20

LOCATION: SW 1/4 SW 1/4, SEC. 10, T. 3S, R. 6W

FIELD Cedar Rim COUNTY Duchesne STATE Utah

ENVIRONMENTAL IMPACT ANALYSIS - ATTACHMENT 2-B

I. PROPOSED ACTION

Koch Exploration Co
(COMPANY)

PROPOSES TO DRILL AN OIL AND

GAS TEST WELL WITH ROTARY TOOLS TO ABOUT 10400 FT. TD. 2) TO CONSTRUCT A

DRILL PAD 325 FT. X 110 FT. AND A RESERVE PIT 100 FT. X 100 FT.

3) TO CONSTRUCT 20 FT. WIDE X .2 MILES ACCESS ROAD AND UPGRADE

~~FT. WIDE X~~ ~~MILES ACCESS ROAD~~ FROM AN EXISTING AND IMPROVED ROAD, TO

GAS OIL PRODUCTION FACILITIES ON THE DISTURBED AREA FOR THE DRILL PAD

AND ~~TRUCK~~ ~~TRANSPORT THE PRODUCTION THROUGH A PIPELINE TO A TIE-IN IN~~

SECTION _____, T. _____, R. _____

2. LOCATION AND NATURAL SETTING (EXISTING ENVIRONMENTAL SITUATION).

(1) TOPOGRAPHY: ROLLING HILLS DISSECTED TOPOGRAPHY DESERT

OR PLAINS STEEP CANYON SIDES NARROW CANYON FLOORS DEEP DRAINAGE

IN AREA SURFACE WATER _____

(2) VEGETATION: SAGEBRUSH PINON-JUNIPER PINE/FIR FARMLAND

(CULTIVATED) NATIVE GRASSES OTHER Cacti

WOOD PRODUCTS DESTROYED IN CONSTRUCTION WILL BE DISPOSED OF
AS PRIVATE LAND OWNER REQUESTS; STACKING, REMOVAL, ETC.

(3) WILDLIFE: DEER ANTELOPE ELK BEAR SMALL
MAMMAL BIRDS ENDANGERED SPECIES ^{BY NONE KNOWN} OTHER _____

(4) LAND USE: RECREATION LIVESTOCK GRAZING AGRICULTURE
 MINING INDUSTRIAL RESIDENTIAL OIL & GAS OPERATIONS

REF: BLM UMBRELLA EAR
USFS EAR
OTHER ENVIRONMENTAL ANALYSIS

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

1) EXHAUST EMISSIONS FROM THE DRILLING RIG POWER UNITS AND SUPPORT TRAFFIC ENGINES WOULD ADD MINOR POLLUTION TO THE ATMOSPHERE IN THE LOCAL VICINITY.

2) MINOR INDUCED AND ACCELERATED EROSION POTENTIAL DUE TO SURFACE DISTURBANCE AND SUPPORT TRAFFIC USE.

3) MINOR VISUAL IMPACTS FOR A SHORT TERM DUE TO OPERATIONAL EQUIPMENT AND SURFACE DISTURBANCE.

4) TEMPORARY DISTURBANCE OF WILDLIFE AND LIVESTOCK.

5) MINOR DISTRACTION FROM AESTHETICS FOR SHORT TERM.

6) Removal of native vegetation due to construction of drill area & access road. Access road will require cuts and fills along rock ledges to well site. Land owner requests this route rather than follow existing jeep trail thru open ground.

7) Suggest lined pit to prevent fluid loss thru cap fractured cap rock

8. ACCESS ROAD will cross existing pipeline on surface -

4. Alternatives to the Proposed Action

1) NOT APPROVING THE PROPOSED PERMIT -- THE OIL AND GAS LEASE GRANTS THE LESSEE EXCLUSIVE RIGHT TO DRILL FOR, MINE, EXTRACT, REMOVE AND DISPOSE OF ALL OIL AND GAS DEPOSITS.

2) DENY THE PROPOSED PERMIT AND SUGGEST AN ALTERNATE LOCATION TO MINIMIZE ENVIRONMENTAL IMPACTS. NO ALTERNATE LOCATION ON THIS LEASE WOULD JUSTIFY THIS ACTION.

3) LOCATION WAS ^{Not} MOVED (~~Per Pending Re-Survey~~) TO AVOID ^{Operator will resubmit drill site plot reorienting drill pad area}

LARGE SIDEHILL CUTS NATURAL DRAINAGE OTHER UP Hill pit, too small of Drill site for production facilities, operator perforated

4) to resubmit. Proposed changes were discussed may not require 2nd on site. Access road from E was walked -

5. Adverse Environmental Effects Which Cannot Be Avoided

1) MINOR AIR POLLUTION DUE TO EXHAUST EMISSIONS FROM RIG ENGINES AND SUPPORT TRAFFIC ENGINES.

2) MINOR INDUCED AND ACCELERATED EROSION POTENTIAL DUE TO SURFACE DISTURBANCE AND SUPPORT TRAFFIC USE.

3) MINOR AND TEMPORARY DISTURBANCE OF WILDLIFE.

4) TEMPORARY DISTURBANCE OF LIVESTOCK.

5) MINOR AND SHORT-TERM VISUAL IMPACTS.

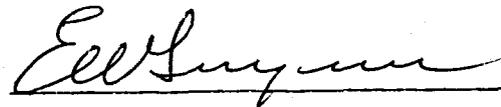
6)

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 9-28-77

INSPECTOR Alexander/ Evans



U. S. GEOLOGICAL SURVEY
CONSERVATION DIVISION - OIL & GAS OPERATIONS
SALT LAKE CITY DISTRICT

KOCH EXPLORATION

CEDAR RIM #20 WELL

EAST 264.18





NORTH

WIND DIRECTION
EASTERLY

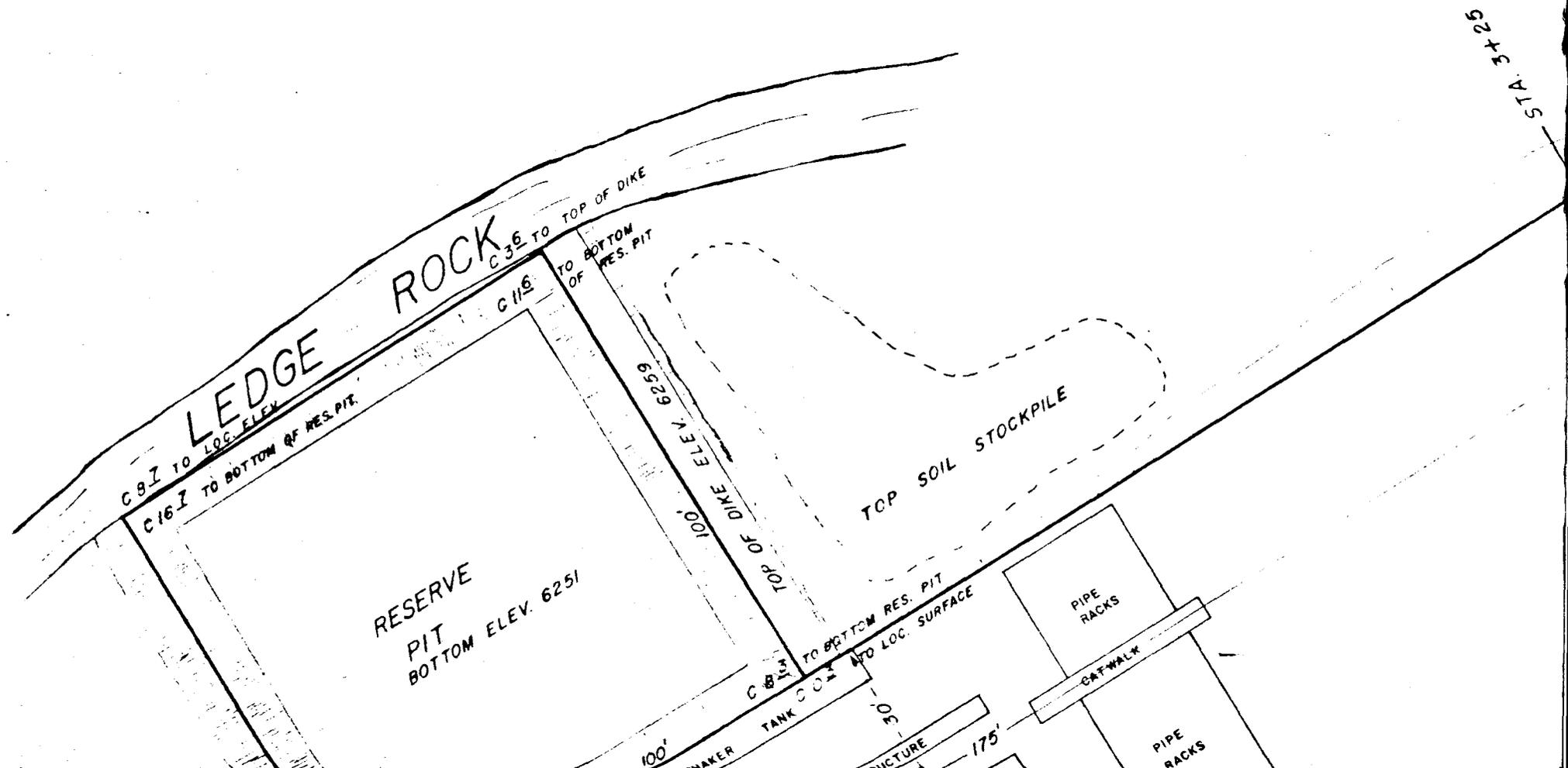
SCALE: 1" = 30'

NOTES
 OVERHEAD FL...
 INSTALLED OV...
 SOIL IS COMPO...
 GRADED SAND...
 AMOUNTS OF

ACCESS ROAD

KOCH EXPLO

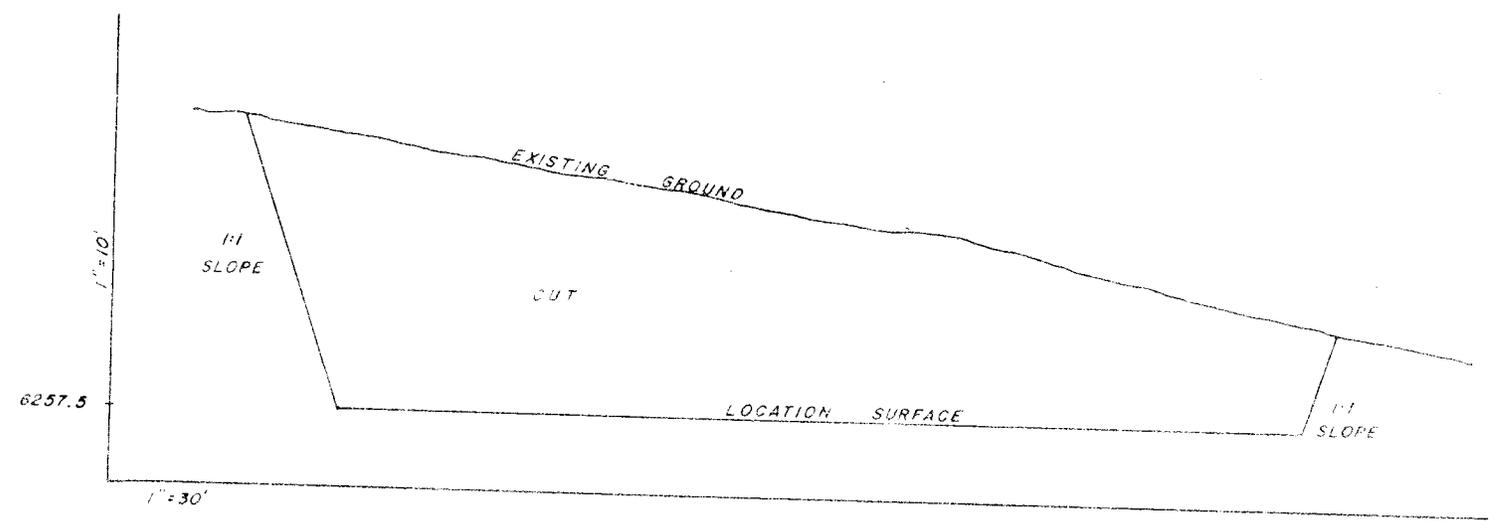
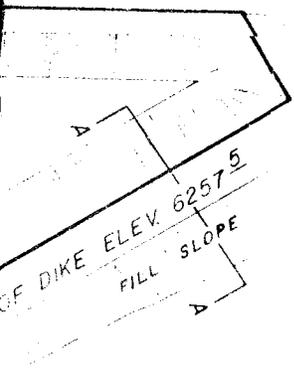
CEDAR RIM #20 WELL



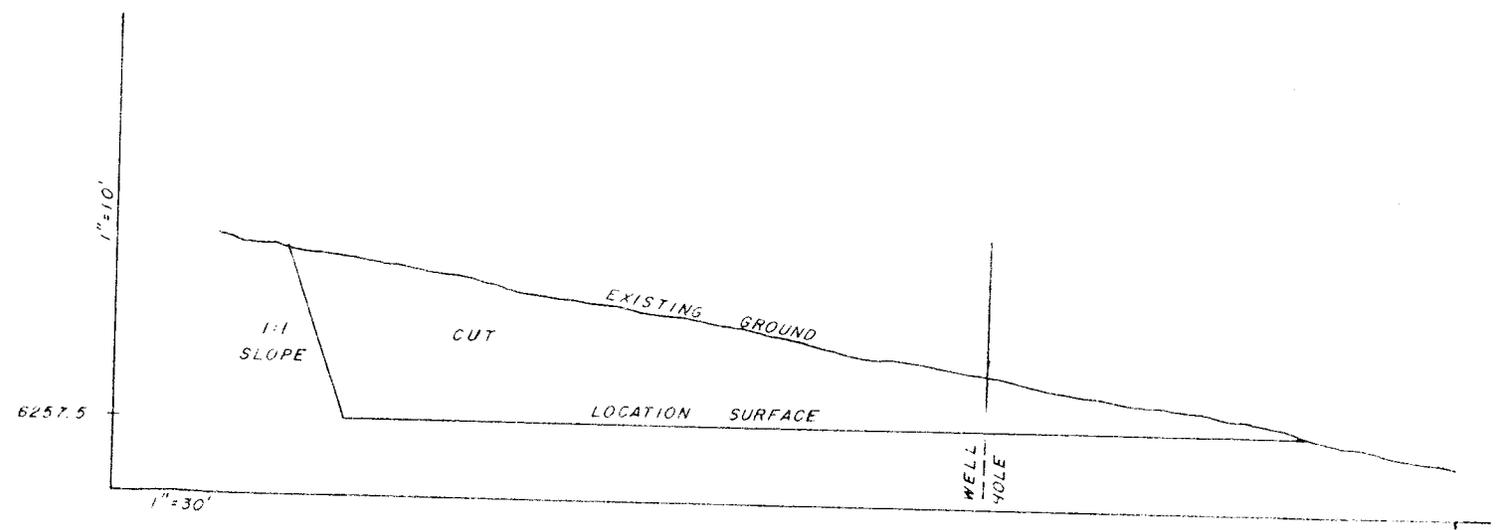
OPERATION CO.

LOCATION LAYOUT

SW 1/4 OF SW 1/4 OF SEC. 10
T. 3 S., R. 6 W. U.S.B. & M.



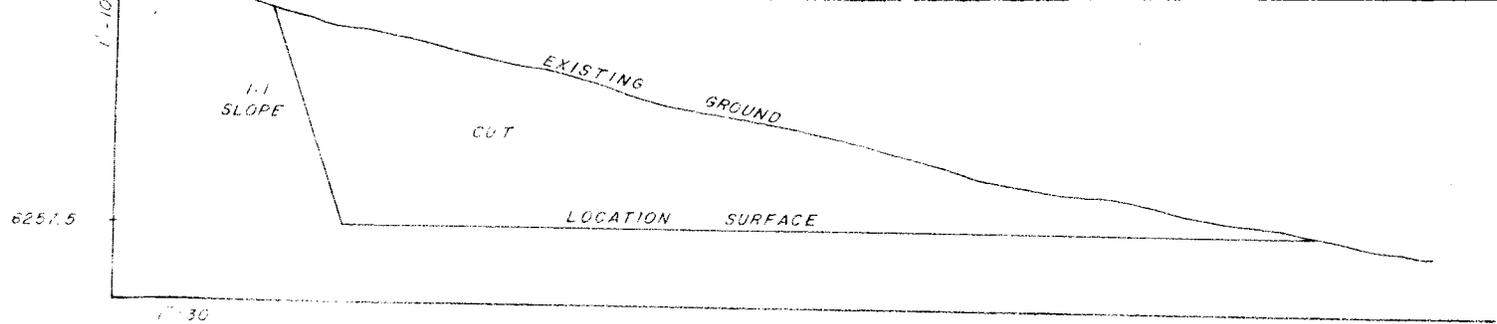
STA 3+25



STA 1+75

LOCATION USE BOUNDARY
283.53'
SOUTH

L &
MATERIAL
E



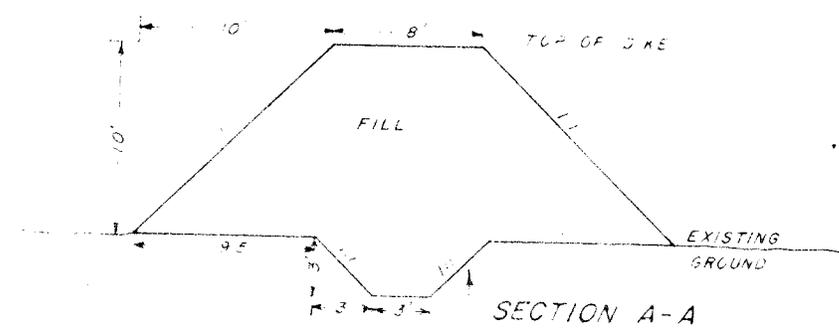
STA. 0+00

APPROXIMATE YARDAGES

CUT 14,500 YDS.
 FILL 1,000 YDS.

AREAS

3.15 ACRES WITHIN LOCATION
 USE BOUNDARY
 APPROXIMATELY 1.7 ACRES USED
 BY ADDRESS ROAD



KEYWAY
 EXCAVATE & BACKFILL
 (NOT NEEDED IN CUTS)

STA. 0+00

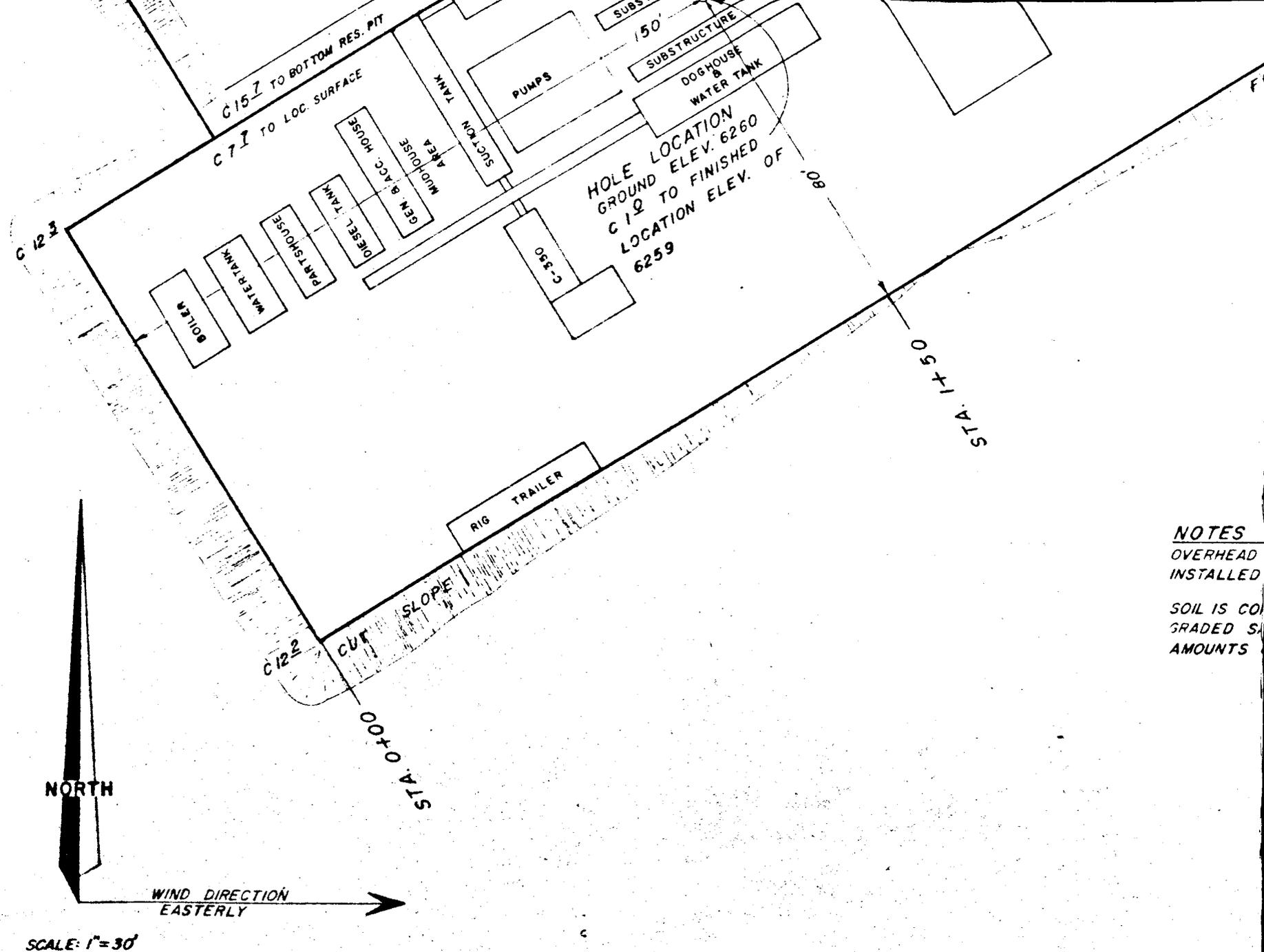
LAGGING TO BE
 OVER RESERVE PIT
 COMPOSED OF POORLY
 SORTED SANDS WITH SMALL
 PERCENTAGE OF FINES (SM)

ALLRED - PEATROSS ASSOCIATES
 SURVEYING & ENGINEERING CONSULTANTS
 P. O. Drawer C
 DUCHESNE, UTAH 84021
 (801) 738-5352

REVISED 10/3/77

73-122-005

KOCH P.XPI



HOLE LOCATION
 GROUND ELEV. 6260
 C 12 TO FINISHED
 LOCATION ELEV. OF
 6259

NOTES
 OVERHEAD
 INSTALLED
 SOIL IS CO
 GRADED S
 AMOUNTS

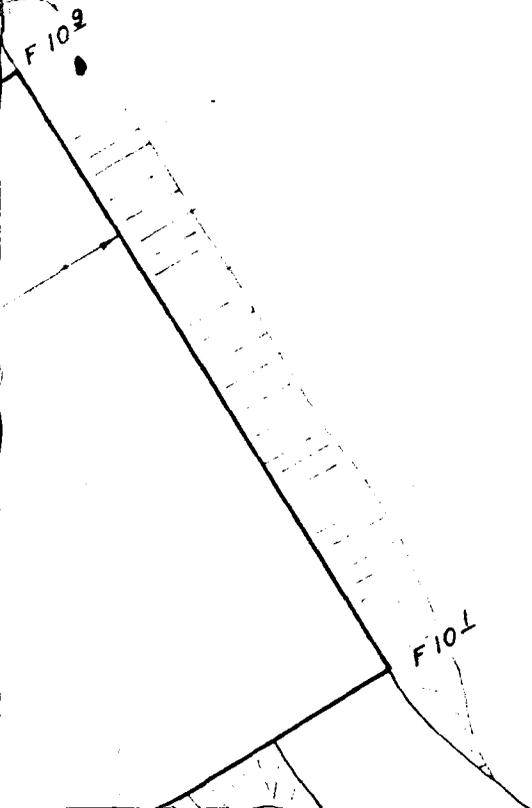
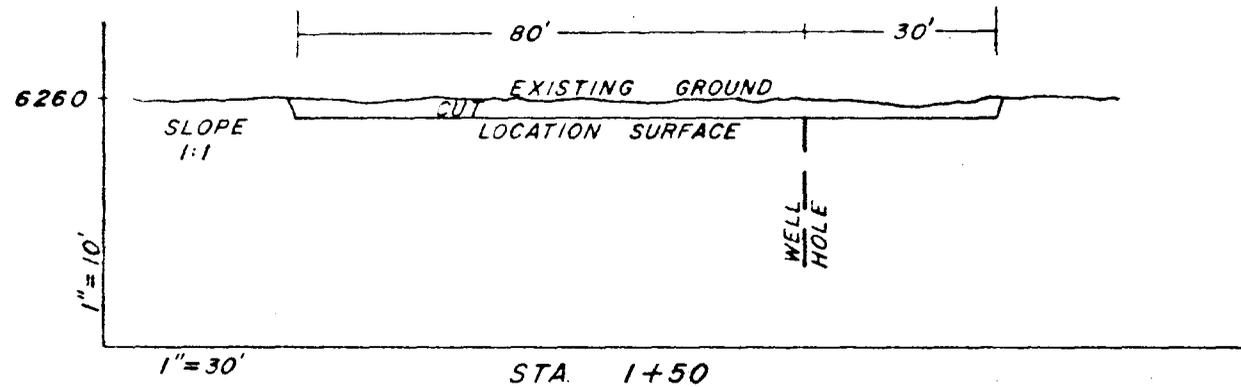
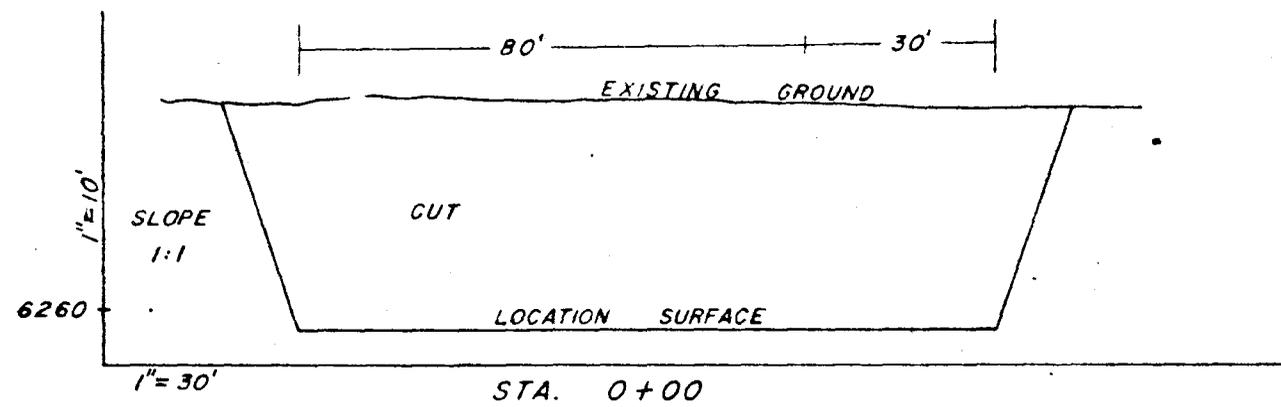
NORTH

WIND DIRECTION
 EASTERLY

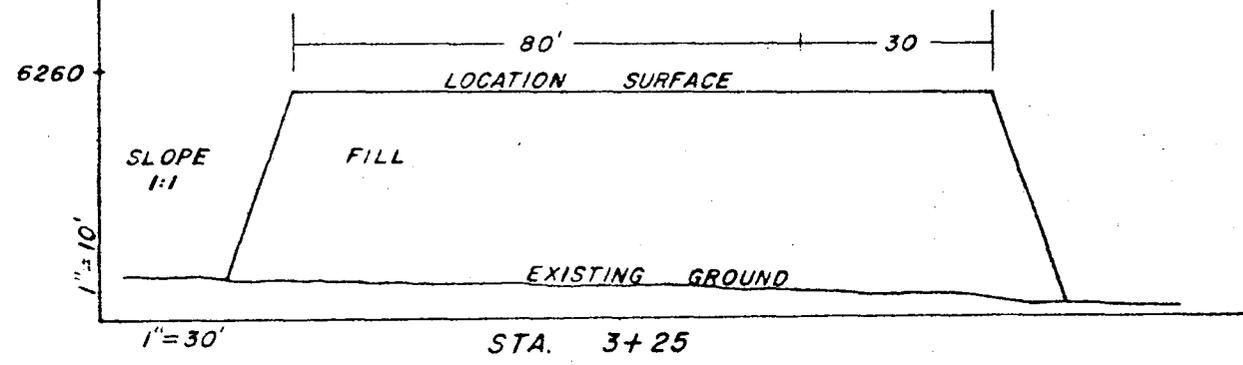
SCALE: 1" = 30'

OPERATION CO. LOCATION LAYOUT

SW 1/4 OF SW 1/4 OF SEC. 10
T.3S., R.6W. U.S.B. & M.



SLOPE
ACCESS ROAD



FLAGGING TO BE
OVER RESERVE PIT
POSED OF POORLY
WDS WITH SMALL
OF FINES (SM)

APPROXIMATE YARDAGES

CUT 8400 CU. YDS.

FILL 3800 CU. YDS.

73-122-005

8/31/77

ALLRED - PEATROSS ASSOCIATES
SURVEYING & ENGINEERING CONSULTANTS
P. O. Drawer C
DUCHESNE, UTAH 84021
(801) 738-5352

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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
 Koch Exploration Company, a division of Koch

3. ADDRESS OF OPERATOR
 Industries, Inc.
 1 Park Central, Suite 530, Denver, CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface 1120' FWL-1120' FSL (NE $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$) Section 10-
 T3S-R6W
 At proposed prod. zone Same

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

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
 (Also to nearest drig. unit line, if any)
 1120' FWL & 1120" FSL

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.
 1661' N
 2785' E

19. PROPOSED DEPTH
 10,400'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 GR 6260' ungraded - 6259' graded

22. APPROX. DATE WORK WILL START*
 9/15/77

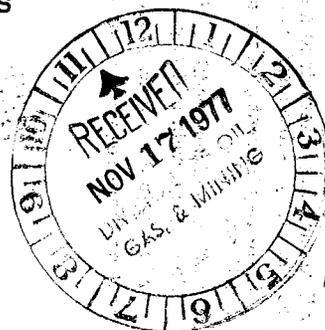
23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT

See attached sheet for casing, cementing and drilling program.

State of Utah, Department of Natural Resources
 Division of Oil, Gas, and Mining
 1583 West North Temple
 Salt Lake City, Utah 84116

NOTICE OF APPROVAL



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 W. McCoin TITLE Exploration Manager DATE 9/6/77

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY (ORIG. SGD.) E. W. GUYNN TITLE DISTRICT ENGINEER DATE NOV 15 1977

CONDITIONS OF APPROVAL, IF ANY:

KOCH EXPLORATION COMPANY

SUITE 530 ONE PARK CENTRAL 1515 ARAPAHOE STREET
DENVER, COLORADO 80202 TEL. 303-623-5266



September 6, 1977

Mr. Melvin B. White

Duchesne, Utah 84021

Dear Mr. White:

Attached is a copy of our Application for Permit to Drill our Cedar Rim No. 20 well in the NE $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 10-T3S-R6W, Duchesne County, Utah. This application to drill has been filed with the U.S.G.S. and the State of Utah Oil, Gas and Mining. You will also find attached a location plat, a surface use plan (NTL-6 checklist), a layout of the drilling rig and facilities, and a USGS map showing roads and other wells in the area.

The attached surface use plan (NTL-6 Checklist) outlines, among other things, re-seeding that part of the facility no longer needed after construction with 10 lbs/acre, if drilled, and 15 lbs/acre, if broadcast with seed acceptable to you.

We should like for you to acknowledge approval of the surface use plan insofar as it pertains to our use of the surface and re-seeding of disturbed areas by dating and signing in the space provided below and return one copy to the undersigned in the self-addressed envelope enclosed.

Yours very truly,


Robert D. Romek
District Landman

mwc
Encl

ACCEPTED AND AGREED TO
this _____ day of September, 1977.

Melvin B. White

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

** FILE NOTATIONS **

Date: Sept. 13 -
Operator: Koch Exploration
Well No: Cedar Run #20
Location: Sec. 10 T. 38 R. 6W County: Duchesne

File Prepared: Entered on N.I.D.:
Card Indexed: Completion Sheet:

API NUMBER: 43-013-30433

CHECKED BY:

Administrative Assistant SW

Remarks:

Petroleum Engineer RS

Remarks:

Director Z

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required: Survey Plat Required:

Order No. 140-6 Surface Casing Change
to _____

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

O.K. Rule C-3 O.K. In _____ Unit

Other:

w/conditions
see letter

Letter Written/Approved

September 13, 1977

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

Re: Well No. Cedar Rim #20
Sec. 10, T. 3 S, R. 6 W, USM
Duchesne County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted as an exception to the well spacing pattern provided for in the Order issued in Cause No. 140-6. However, said approval shall have the following stipulations:

- 1) Said well must be completed for production in the Lower Green River-Wasatch Formations only;
- 2) Copies of any and all perforating logs must be submitted to this Division;
- 3) Copies of all cementing tickets are to be forwarded to this office;
- 4) Copies of all acidizing or fracing tickets are to be submitted promptly.

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
HOME: 582-7247
OFFICE: 533-5771

Enclosed please find Form OGC8X, which is to be completed whether or not water sands *aquifers* are encountered during drilling.

Koch Exploration Company
September 13, 1977
Page Two

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-013-30493.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT
Director

SW
cc: U.S. Geological Survey

KOCH EXPLORATION COMPANY

SUITE 530 ONE PARK CENTRAL 1515 ARAPAHOE STREET
DENVER, COLORADO 80202 TEL 303-623-5266



September 30, 1977



Mr. Melvin B. White
Duchesne, Utah 84021

Re: Cedar Rim #20
SW $\frac{1}{4}$ Section 10-3S-6W
Duchesne County, Utah

Dear Mr. White:

As Mr. Esker Matteson advised you, we need to confirm, in writing, an agreement for the disposal of trees that will be destroyed in our construction of a road and location site for a well we will drill in the SW $\frac{1}{4}$ Section 10-T3S-R6W, Duchesne County, Utah.

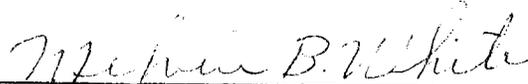
As agreed, Koch will push the trees that are destroyed to the sides of the road and drillsite location that is constructed. If you are in agreement, please date and sign in the spaces below and return one copy to the undersigned in the self-addressed, stamped envelope enclosed.

Yours very truly,


Robert D. Romek
District Landman

mwc

Agreed to this 5th day
of October, 1977.


Melvin B. White
Melvin B. White

KOCH EXPLORATION COMPANY

SUITE 530 ONE PARK CENTRAL 1515 ARAPAHOE STREET
DENVER, COLORADO 80202 TEL. 303-623-5266



October 5, 1977

U. S. Geological Survey
8440 Federal Building
Salt Lake City, UT 84138

Re: Cedar Rim No. 20
SW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 10-T3S-R6W
Duchesne County, Utah

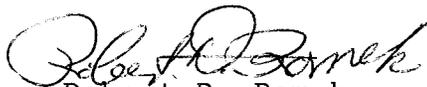
Gentlemen:

Please refer to our Application to Drill the above-referenced well which we forwarded to you on September 6, 1977, which had attached thereto a location layout.

We have revised the well location layout and said revision is attached, in triplicate.

If anything further is needed prior to your approval of our application to drill the above-referenced well, please advise.

Yours very truly,


Robert D. Romek
District Landman

mwc
Encl

cc: USGS, Vernal, Utah w/atch
Bureau of Indian Affairs, Fort Duchesne, UT w/atch
State of Utah, Div of Oil, Gas and Mining
w/atch
Esker Matteson w/o atch
Bud Ziser w/atch

A
P
OCT 5 1977

KOCH EXPLORATION COMPANY

SUITE 530 ONE PARK CENTRAL 1515 ARAPAHOE STREET
DENVER, COLORADO 80202 TEL 303-623-5266



October 11, 1977

U. S. Geological Survey
8440 Federal Building
Salt Lake City, Utah 84138

Attn: Ed Guynn

Re: Cedar Rim #20
SW $\frac{1}{4}$ Section 10-T3S-R6W
Duchesne County, Utah

Gentlemen:

Attached please find letter agreement with the surface owner where we propose to drill the above-referenced well concerning the disposal of trees destroyed in the construction of the access road and location site.

Yours very truly,


Robert D. Romek
District Landman

mwc

cc: USGS, Vernal, UT 84078 Attn: Ron Alexander
w/atc

Esker Matteson, Box 498, Duchesne UT 84021
w/atc

Bud Ziser, Box 2256, Wichita, KS 67201
w/atc

BIA, Fort Duchesne, UT 84026
w/atc

Division of Oil, Gas & Mining, 1588 West, North
Temple, Salt Lake City, UT 84116
w/atc

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

COMPLETION AND REPERFORATION
(Check instructions on reverse side)

Form approved by
Bureau of Indian Affairs, G-2440A

6. LEASE NUMBER AND SERIAL NO.

14-20-462-1127

7. IF INDIAN, ALLEGED OR TRIBE NAME

Ute

7. UNIT AGREEMENT NAME

8. FIRM OR LEASE NAME

CEDAR RIM

9. WELL NO.

20

10. FIELD AND POOL, OR WILDCAT

Cedar Rim

11. SEC., T., R., E., OR BLK. AND
SUDBY OR AREA

Sec. 10-3S-6W

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

Koch Exploration Co. (Div. of Koch Industries, Inc.)

3. ADDRESS OF OPERATOR

P.O. Box 2256; Wichita, Kansas 67201

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

1120' FWL & 1120' FSL NE SW SW

12. PERMIT NO.

43-013-30493

15. ELEVATIONS (Show whether DE, KB, CR, etc.)

GL 6260', KB 6273

13. COUNTY OR PARISH

Duchesne

14. STATE

Utah

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

NOTICE OF DISCOVERY NO:

SUBSEQUENT REPORT OF:

TRIP WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACURE TREAT

MULTIPLE COMPLET

PERFORM REPERFORATION

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

REWORKING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE BEING

(Other)

Drilling Application

(Other)

(Note: Report number of months completion on Well Completion or Reperforation Report and Log form.)

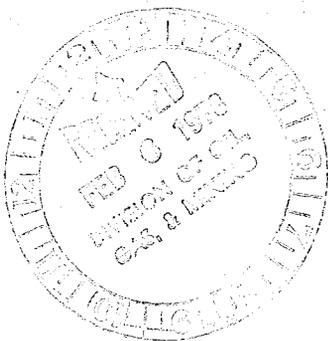
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly state all pertinent details, and give pertinent data, including estimated date of starting any proposed work. If well is directionally drilled, give azimuths, locations and measured and true vertical depths for all markers and zones pertinent to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

Spudded well @ 1:00 A.M. 1-29-78. Drld 13-3/4" hole to 601'. Ran 15 jts 10-3/4" 40.5# K-55 ST&C new csg, set csg at 501'. Ran one cent. 10' off btm. Cmtd w/100 sx BJ lite & 200 sx class "G", both w/3% CaCl. Bumped plug at 6:30 A.M., cmt circ. Tested 10-3/4" csg to 1200#. Tested BOP's, hydril, safety valve, Kelly cock, kill line & manifold to 3000#.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINERAL

DATE: Feb 6, 1978

BY: P. Marshall



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

SIGNED David L. Schmidt

TITLE Operations Manager

DATE 2-2-78

(This space for Federal or State office use)

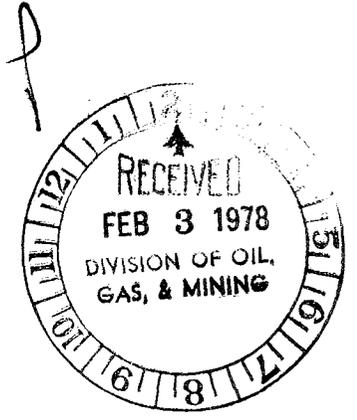
APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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



REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number Cedar Rim No. 20

Operator Koch Exploration Company (Div. of Koch Industries, Inc.)

Address P.O. Box 2256; Wichita, Kansas 67201

Contractor Chase Drilling Company

Address P.O. Box 2256; Wichita, Kansas 67201

Location SW 1/4 SW 1/4; Sec. 10; T. 3 ~~XX~~_S; R. 6 ~~X~~_W; Duchesne County

Water Sands:

	<u>Depth:</u>	<u>Volume:</u>	<u>Quality:</u>
	From - To -	Flow Rate or Head -	Fresh or Salty -
1.	<u>None</u>		
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.
 (c) If a water quality analysis has been made of the above reported zone, please forward a copy along with this form.

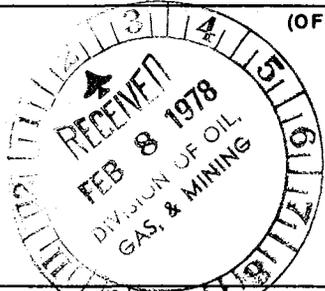


BJ-HUGHES Inc.
A SUBSIDIARY OF HUGHES TOOL COMPANY

P. O. BOX 2250 LONG BEACH, CALIFORNIA 90801

JOB TICKET

DATE OF JOB 31 JAN 78	DISTRICT Housatonic	NEW WELL <input checked="" type="checkbox"/>	OLD WELL <input type="checkbox"/>	CUSTOMER'S ORDER NO.
CUSTOMER Koch Exp.	WELL NO. 460	LEASE Cedar Run		
ADDRESS Box 2256	COUNTY PARISH Duchesne	STATE WV		
CITY Witchita	STATE Kansas	FIELD Cedar Run		
AUTHORIZED BY	WELL OWNER Same			



(OFFICE USE ONLY)

Truck & Trailer No.	No. Loads	Truck & Trailer No.	No. Loads	Other Equipment No.	MILES FROM STATION TO WELL: 10
8701-8678	1			1391	
					SERVICE TICKET NO. 5-76-25445

CONTRACT CONDITIONS: (This agreement must be signed before work is commenced)

The undersigned, as authorized agent of the customer, agrees and acknowledges that the services, materials, products and supplies provided for in this order shall be subject to the terms and conditions appearing on the front and reverse sides of the customer copy hereof and no additional terms and conditions shall apply to this order without the consent of an authorized representative of **BJ-HUGHES Inc.**

SIGNED: *Donald M. ...*
AGENT OF OWNER OR CONTRACTOR

	PRICE REF. NO.	BRAND AND TYPE	QUANTITIES				RATE	PRICE	
			ORDERED	USED	RETURNED	CHARGED			
MATERIALS	922.20	BJ Lfe	100	100	0	100	3.88	388	00
	914.20	CLASS G	200	200	0	200	4.70	940	00
	840.20	CACL	225	225	0	9	14.00	126	00
		Bentonite _____ % Gel. in. _____ Sacks Cement							

SERVICES	PRICE REF. NO.	DESCRIPTION	QUANTITIES	RATE	PRICE
	810.00	MIXING SERVICE	309	.59	182 31
		RET'D MTL. CHARGE			
		WAITING TIME			
	MILEAGE CHARGE	28325 lbs. 40 miles	/ton /mile	.41	232 26

SERVICE REPRESENTATIVE: *Westong*
JOB TICKET NO. **B 77 - 13014**

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *Donald M. ...*
(WELL OWNER OPERATOR OR AGENT)

HALLIBURTON SERVICES JOB LOG

WELL NO. 20 LEASE 68007 TICKET NO. 707177

CUSTOMER KOCH PAGE NO. _____

JOB TYPE 4" well log DATE 1-1-78

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	14:00					2-5	78	CONCRETE
	01:00					3-6	78	ON LOG - SET UP
1	10:20	4	-				800	H ₂ O AHEAD
2	10:25	-	20				-	FINISH H ₂ O
3	10:26	20	-				1000	MIX CNT.
								300SK HALCO LIND 1/2%
								CALC 100SK REG 1/2
4	10:37	-	110				-	FINISH CNT.
5								DEEP TOP PULL
6	10:38	8	-				1100	DEEP / 2000L H ₂ O POST
7	11:20	-	333				1700	AND BUMP PUMP
8	11:23	-	333				-	RELEASE PRESS.
	12:00							FRONT HOLD - 2000L BACK
								RELEASE TRUCK

THANKS

WYATT HILLIARD

RETAIN

WELL TREATMENT REPORT



DATE _____

DWL-494-M PRINTED IN U.S.A.

DOWELL DIVISION OF DOW CHEMICAL U.S.A.

WELL NAME AND NUMBER		LOCATION		CUSTOMER REPRESENTATIVE		TREATMENT NUMBER	
POOL		FORMATION		JOB DONE DOWN TUBING <input type="checkbox"/> CASING <input type="checkbox"/> ANNULUS <input type="checkbox"/>		ALLOWABLE PRESSURE TBG: _____ CSG: _____	
COUNTY		STATE		TYPE OF WELL OIL <input type="checkbox"/> GAS <input type="checkbox"/> WATER <input type="checkbox"/> INJ. <input type="checkbox"/>			
TYPE OF SERVICE <input type="checkbox"/> Acidizing <input type="checkbox"/> Sand Control <input type="checkbox"/> Fracturing <input type="checkbox"/> Other		SERVICE NAME		AGE OF WELL NEW WELL <input type="checkbox"/> REWORK <input type="checkbox"/>		TOTAL DEPTH	
CUST. NAME				CASING SIZE		CASING DEPTH	
ADDRESS				LINER SIZE		LINER TOP-BOTTOM	
CITY, STATE ZIP CODE				OPEN HOLE		CASING VOL.	
REMARKS:				TUBING VOL.		ANNULAR VOL.	

PERFORATED INTERVALS							
TOP	TO	BOTTOM	NO. OF HOLES	TOP	TO	BOTTOM	NO. OF HOLES

FOR CONVERSION PURPOSES 24 BBLs EQUALS 1000 GALLONS

ARRIVED ON LOCATION: _____ LEFT LOCATION: _____ DIAMETER OF PERFORATIONS = _____

TIME	INJECTION RECORD					PRESSURE		NOTATIONS	
	LIQUID RATE BPM	TYPE OF FLUID	STAGE VOL. BBLs	CUM. VOL. BBLs	PROP. TYPE	PROP. #/GAL	CSG.		TBG.
13:20	6.7			617			2800	4000	750 gal 1575 MSF
13:22	7			627			2600	4000	750 gal MSF water
13:25	7			644			2600	4000	drop to ball - 3150 plates
13:26	7			646			2700	4000	750 gal 1575 MSF
13:29	7.3			663			2800	4300	750 gal MSF water
13:30	7.3			680			2700	4300	flush with formation water
13:42	7.3			768			2700	4050	shut down
									15" ID - 2600
									15" ID - 1800
									max rate 8 BPM
									min rate 1 BPM
									max Press on tubing 4600
									max Press on casing 3400
									min Press on tubing 1800
									min Press on casing 1750
									average rate 6 BPM

FRAC. GRADIENT	AVG. INJECTION RATES	TOTAL FLUID	TOTAL PROP	OTHER MATERIALS INJECTED		
	LIQ. _____ W/DROP _____	BBLs	LBS.	TYPE	PURPOSE	AMOUNT
TREATING PRESSURE SUMMARY						
MAX. PREVIOUS TREATMENTS AND DATES	FINAL _____	AVG. _____	IMMED. SIP _____	15 MIN. SIP _____		
PRODUCTION PRIOR TO THIS TR.			DOWELL LOCATION		DOWELL TREATMENT SUPERVISOR	
<input type="checkbox"/> Test <input type="checkbox"/> Stabilized						

WELL TREATMENT REPORT



DATE _____

DWL-494-M PRINTED IN U.S.A.

DOWELL DIVISION OF DOW CHEMICAL U.S.A.

WELL NAME AND NUMBER	LOCATION	CUSTOMER REPRESENTATIVE	TREATMENT NUMBER																																								
POOL	FORMATION	JOB DONE DOWN TUBING <input type="checkbox"/> CASING <input type="checkbox"/> ANNULUS <input type="checkbox"/>	ALLOWABLE PRESSURE TBG: _____ CSG: _____																																								
COUNTY	STATE	TYPE OF WELL OIL <input type="checkbox"/> GAS <input type="checkbox"/> WATER <input type="checkbox"/> INJ. <input type="checkbox"/>																																									
TYPE OF SERVICE <input type="checkbox"/> Acidizing <input type="checkbox"/> Sand Control <input type="checkbox"/> Fracturing <input type="checkbox"/> Other	SERVICE NAME	AGE OF WELL NEW WELL <input type="checkbox"/> REWORK <input type="checkbox"/>	TOTAL DEPTH STATIC BHT.																																								
CUST. NAME _____ ADDRESS _____ CITY, STATE _____ ZIP CODE _____ REMARKS: _____	CASING SIZE	CASING DEPTH	TUBING SIZE TUBING DEPTH																																								
	LINER SIZE	LINER TOP-BOTTOM	PACKER TYPE PACKER DEPTH																																								
	OPEN HOLE	CASING VOL.	TUBING VOL. ANNULAR VOL.																																								
	PERFORATED INTERVALS																																										
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>TOP</th> <th>TO</th> <th>BOTTOM</th> <th>NO. OF HOLES</th> <th>TOP</th> <th>TO</th> <th>BOTTOM</th> <th>NO. OF HOLES</th> </tr> </thead> <tbody> <tr> <td> </td> </tr> <tr> <td> </td> </tr> <tr> <td> </td> </tr> <tr> <td> </td> </tr> </tbody> </table>				TOP	TO	BOTTOM	NO. OF HOLES	TOP	TO	BOTTOM	NO. OF HOLES																																
TOP	TO	BOTTOM	NO. OF HOLES	TOP	TO	BOTTOM	NO. OF HOLES																																				

FOR CONVERSION PURPOSES 24 BBLs EQUALS 1000 GALLONS

ARRIVED ON LOCATION: _____ LEFT LOCATION: _____ DIAMETER OF PERFORATIONS = _____

TIME	INJECTION RECORD						PRESSURE		NOTATIONS
	LIQUID RATE BPM	TYPE OF FLUID	STAGE VOL. BBLs	CUM. VOL. BBLs	PROP. TYPE	PROP. #/GAL	CSG	TBG	
									Pre-Job Pressure Test
12:39	6			406			2800	3800	drop 10 balls & 150# flakes
12:40	6			408			2800	3800	750 gal 1570 msr
12:43	7			425			2600	3900	750 gal msr water
12:46	7			440			2750	4000	drop 10 balls & 150# flakes
12:46	7			442			2750	4000	750 gal 1570 msr
12:51	4			459			2400	2800	750 gal msr water
12:54	6			474			2600	3400	drop 10 balls & 150# flakes
12:55	6			476			2800	3500	750 gal 1570 msr
12:58	6			493			2700	3300	750 gal msr water
13:00	5.4			508			2900	3700	drop 10 balls & 150# flakes
13:01	5.4			510			2900	3700	750 gal 1570 msr
13:04	5.5			527			2850	3600	750 gal msr water
13:07	6			542			2900	3800	drop 10 balls & 150# flakes
13:08	6			544			2900	3900	750 gal 1570 msr
13:10	6			561			2900	3000	750 gal msr water
13:13	6			576			2900	3900	drop 10 balls & 150# flakes
13:14	6			578			2900	3900	750 gal 1570 msr
13:16	6.3			595			2800	3900	750 gal msr water
13:19	6.5			610			2650	3800	drop 10 balls & 150# flakes

FRAC. GRADIENT	AVG. INJECTION RATES	TOTAL FLUID	TOTAL PROP	OTHER MATERIALS INJECTED		
	LIQ. _____ W/DROP _____	BBLs	LBS.	TYPE	PURPOSE	AMOUNT
TREATING PRESSURE SUMMARY						
MAX. _____	FINAL _____	AVG. _____	IMMED. SIP. _____	15 MIN. SIP. _____		
PREVIOUS TREATMENTS AND DATES						
PRODUCTION PRIOR TO THIS TR.			<input type="checkbox"/> Test	DOWELL LOCATION		DOWELL TREATMENT SUPERVISOR
			<input type="checkbox"/> Stabilized			

WELL TREATMENT REPORT



DWL-494-M PRINTED IN U.S.A.

DOWELL DIVISION OF DOW CHEMICAL U.S.A.

DATE _____

WELL NAME AND NUMBER _____		LOCATION _____		CUSTOMER REPRESENTATIVE _____		TREATMENT NUMBER _____	
POOL _____		FORMATION _____		JOB DONE DOWN TUBING <input type="checkbox"/> CASING <input type="checkbox"/> ANNULUS <input type="checkbox"/>		ALLOWABLE PRESSURE TBG: _____ CSG: _____	
COUNTY _____		STATE _____		TYPE OF WELL OIL <input type="checkbox"/> GAS <input type="checkbox"/> WATER <input type="checkbox"/> INJ. <input type="checkbox"/>			
TYPE OF SERVICE <input type="checkbox"/> Acidizing <input type="checkbox"/> Sand Control <input type="checkbox"/> Fracturing <input type="checkbox"/> Other		SERVICE NAME _____		AGE OF WELL NEW WELL <input type="checkbox"/> REWORK <input type="checkbox"/>		TOTAL DEPTH _____ STATIC BHT. _____	
CUST. NAME _____		ADDRESS _____		CASING SIZE _____ CASING DEPTH _____		TUBING SIZE _____ TUBING DEPTH _____	
CITY, STATE ZIP CODE _____		REMARKS: _____		LINER SIZE _____ LINER TOP-BOTTOM _____		PACKER TYPE _____ PACKER DEPTH _____	
				OPEN HOLE _____ CASING VOL. _____		TUBING VOL. _____ ANNULAR VOL. _____	

PERFORATED INTERVALS							
TOP	TO	BOTTOM	NO. OF HOLES	TOP	TO	BOTTOM	NO. OF HOLES

FOR CONVERSION PURPOSES 24 BBLs EQUALS 1000 GALLONS

ARRIVED ON LOCATION: _____ LEFT LOCATION: _____ DIAMETER OF PERFORATIONS = _____

TIME	INJECTION RECORD						PRESSURE		NOTATIONS
	LIQUID RATE BPM	TYPE OF FLUID	STAGE VOL. BBLs	CUM. VOL. BBLs	PROP. TYPE	PROP. #/GAL	CSG.	TBG.	
									Pre-Job Pressure Test
10:15	5			187			2900	3500	750 gal msr water
10:18	5:4			202			2900	3600	drop 10 Balls & 150# flakes
10:19	5:4			204			2900	3600	750 gal 15% msr
10:25	4			221			2700	3000	750 gal msr water
10:28	5			236			2900	3400	drop 10 Balls & 150# flakes
10:29	5			238			2900	3400	750 gal 15% msr
11:00	2			255			3300	3300	750 gal msr water
				270		omit			drop 10 Balls & 150# flakes
11:12	5			272			2800	3000	750 gal 15% msr
11:16	5:5			289			3000	3700	750 gal msr water
11:17	5:5			304			3000	3600	drop 10 Balls & 150# flakes
11:22	1.5			300			2950	3000	750 gal 15% msr
11:32	2			323			3150	3200	750 gal msr water
12:18	4			338			2800	2700	drop 10 Balls & 150# flakes
12:19	4			340			2800	2700	750 gal 15% msr
12:23	5:4			357			2400	2700	750 gal msr water
12:31	3			372			2200	2400	drop 10 Balls & 150# flakes
12:32	3			374			2200	2400	750 gal 15% msr
12:36	5:5			391			2600	3300	750 gal msr water

FRAC. GRADIENT _____	AVG. INJECTION RATES LIQ. <u>6</u> W/DROP _____	TOTAL FLUID _____ BBLs	TOTAL PROP _____ LBS.	OTHER MATERIALS INJECTED		
TREATING PRESSURE SUMMARY				TYPE	PURPOSE	AMOUNT
MAX. <u>5600</u>	FINAL <u>2900</u>	AVG. _____	IMMED. SIP _____	15 MIN. SIP _____		
PREVIOUS TREATMENTS AND DATES _____						

PRODUCTION PRIOR TO THIS TR. Test Stabilized

DOWELL LOCATION _____ DOWELL TREATMENT SUPERVISOR _____

WELL TREATMENT REPORT



DWL-494-M PRINTED IN U.S.A.

DOWELL DIVISION OF DOW CHEMICAL U.S.A.

DATE: April 24, 1978

WELL NAME AND NUMBER: Cedar Rim #20
 LOCATION: Wasatch
 FORMATION: Utah

CUSTOMER REPRESENTATIVE: Ron Mair
 TREATMENT NUMBER: 15-03-3787
 ALLOWABLE PRESSURE: 3000

COUNTY: Naches
 STATE: Utah
 SERVICE NAME: MSR

TYPE OF WELL: OIL, GAS, WATER, INJ.
 AGE OF WELL: NEW WELL, REWORK

TYPE OF SERVICE: Acidizing, Sand Control, Fracturing, Other
 CUST. NAME: Koch Oil Co.
 ADDRESS: 1 Park Central suites 330
 CITY, STATE, ZIP CODE: Denver Colo 80202

CASING SIZE: 7", CASING DEPTH: 278, TUBING SIZE: 8090, TUBING DEPTH: 8090
 LINER SIZE: 5", LINER TOP-BOTTOM: 8123, PACKER TYPE: -, PACKER DEPTH: -
 OPEN HOLE: 43, CASING VOL.: 43, TUBING VOL.: 47, ANNULAR VOL.: -

REMARKS:

PERFORATED INTERVALS							
TOP	TO	BOTTOM	NO. OF HOLES	TOP	TO	BOTTOM	NO. OF HOLES
9820	TO	10324	125		TO		
	TO				TO		
	TO				TO		
	TO				TO		

FOR CONVERSION PURPOSES 24 BBLs EQUALS 1000 GALLONS

ARRIVED ON LOCATION: 0630 4/24/78 LEFT LOCATION:

DIAMETER OF PERFORATIONS =

TIME	INJECTION RECORD						PRESSURE		NOTATIONS
	LIQUID RATE BPM	TYPE OF FLUID	STAGE VOL. BBLs	CUM. VOL. BBLs	PROP. TYPE	PROP. #/GAL	CSG.	TBG.	
									Pre-Job Pressure Test
0630									Safety meeting Riq. up test Lines (6000PSI)
4/27/78									
08:29	1		17	0			3200	3400	750 gal 15% MSR
08:43	1		17				3200	3300	750 gal MSR water
			32						omit → drop 10 Balls 150° flakes
08:57	1.5		34				3200	3300	750 gal 15% MSR
09:09	1.5		51				3200	3300	750 gal MSR water
			66						omit → drop 10 Balls & 150° flakes
09:22	2.5		68				3200	3250	750 gal 15% MSR
09:33	2.2		85				3300	3300	750 gal MSR water
	2.9		100						omit drop 10 Balls & 150° flakes
09:42	2.7		102				3000	3100	750 gal 15% MSR
10:01	3		119				3200	3400	750 gal MSR water
10:04	4.5		134				2850	3400	drop 10 Balls & 150° flakes
10:04	4.5		136				2850	3400	750 gal 15% MSR
10:08	4.8		153				2900	3200	750 gal MSR water
10:11	5		168				2700	3200	drop 10 Balls & 150° flakes
10:12	5		170				2800	3100	750 gal 15% MSR

FRAC. GRADIENT: 6 AVG. INJECTION RATES: 6 W/DROP: 6 TREATING PRESSURE SUMMARY: 6
 TOTAL FLUID: 170 BBLs TOTAL PROP: 170 BBLs
 MAX. PREVIOUS TREATMENTS AND DATES: 5600 FINAL: 2300 AVG.: 2300
 IMMEDIATE SURFACE: 15 MIN. SIP

OTHER MATERIALS INJECTED		
TYPE	PURPOSE	AMOUNT

PRODUCTION PRIOR TO THIS TR. Test Stabilized DOWELL LOCATION: DOWELL TREATMENT SUPERVISOR:

WELL TREATMENT REPORT

DOWELL

DWL-494-M PRINTED IN U.S.A.

DOWELL DIVISION OF DOW CHEMICAL U.S.A.

DATE **9-26-78**

WELL NAME AND NUMBER **Cedar Run # 20**

CUSTOMER REPRESENTATIVE **M. Ron Muir**

TREATMENT NUMBER **10-03**
ALLOWABLE PRESSURE

FORMATION **Wasatch**
STATE **Utah**
COUNTY **Duchesne**
TYPE OF SERVICE Acidizing Sand Control Fracturing Other

JOB DONE DOWN
TUBING CASING ANNULUS
TYPE OF WELL
OIL GAS WATER INJ.

TBG: **CSG 3900**
AGE OF WELL
NEW WELL REWORK

SERVICE NAME **Pump Rental**
CUST. NAME **Koch Exp**
ADDRESS **Box 2206**
CITY, STATE ZIP CODE **Wichita Kansas**

CASING SIZE **7" 26"**
LINER SIZE **5" 18"**
OPEN HOLE **-**
CASING DEPTH **8123**
CASING VOL. **43**

TOTAL DEPTH **274 2 1/2**
STATIC BHT. **-**
TUBING SIZE **2 7/8 2 1/2**
TUBING DEPTH **8090**
PACKER TYPE **-**
PACKER DEPTH **-**
TUBING VOL. **47**
ANNULAR VOL. **210**

REMARKS: **CONFIDENTIAL**



PERFORATED INTERVALS							
TOP	TO	BOTTOM	NO. OF HOLES	TOP	TO	BOTTOM	NO. OF HOLES
8120	TO	10399	170		TO		
	TO				TO		
	TO				TO		
	TO				TO		

FOR CONVERSION PURPOSES 24 BBLs EQUALS 1000 GALLONS

ARRIVED ON LOCATION: **0730** LEFT LOCATION:

DIAMETER OF PERFORATIONS =

TIME	INJECTION RECORD					PRESSURE		NOTATIONS	
	LIQUID RATE BPM	TYPE OF FLUID	STAGE VOL. BBLs	CUM. VOL. BBLs	PROP. TYPE	PROP. #/GAL	CSG.		TBG.
								Pre-Job Pressure Test	
8:20	2 1/2	Lease water		0			0	1500	Circulate Hole
	5	Lease water		18			0	1500	
				36					Shut down Circulate
8:30		Lease water		42					Clear water
							3900	3900	Pressure up on Formation
									Let Set 11 min 3900 to 3200
									Bleed off and Surge
8:53		Lease water		48			3900	3900	3900 on Formation to 3000
									down to 3300
									Bleed off and Surge
9:05		Lease water		54			3900	3900	3900 to 3300 7 min
									3300 to 3900 3 min
									Bleed all quick to zero
9:25		Lease water		60			3900	3900	3900 to 3100 11 min
									3300 to 3000
11:05	3	Lease water		97			2900	2900	Circulate 2 1/2 Tubing
11:40				103			3300		Pressure up on Formation
11:50	3	Lease water		211					3500 Psi

FRAC. GRADIENT	AVG. INJECTION RATES		TOTAL FLUID BBLs	TOTAL PROP. LBS.	OTHER MATERIALS INJECTED		
	LIQ.	W/DROP			TYPE	PURPOSE	AMOUNT

MAX. PREVIOUS TREATMENTS AND DATES: **FINAL** | AVG. | IMMED. SIP. | 15 MIN. SIP.

PRODUCTION PRIOR TO THIS TR. Test Stabilized

DOWELL LOCATION: **Vernal Utah** | DOWELL TREATMENT SUPERVISOR: **Gene [Signature]**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-462-1127

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Ute

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

CEDAR RIM

9. WELL NO.

20

10. FIELD AND POOL, OR WILDCAT

Cedar Rim

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

Sec. 10-3S-6W

12. COUNTY OR PARISH
Duchesne

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

2. NAME OF OPERATOR
Koch Exploration Company Co. (Div of Koch Ind, Inc.)

3. ADDRESS OF OPERATOR
P.O. Box 2256; Wichita, Kansas 67201

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

1120' FWL & 1120' FSL NE SW SW

14. PERMIT NO.
43-013-30493

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
GL 6260' KB 6273'

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) Run & set intermediate csg

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other) Running surf csg

REPAIRING WELL
ALTERING CASING
ABANDONMENT*

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

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

Drilled 8-3/4" hole from 601 to 8380'. Ran FDC & DIL w/GR logs. Ran 195 jts 26# K-55 LT&C SH csg tested to 5000#. Set csg @ 8380'. Cmtd w/300 sx lite w/2% CaCl & 100 sx reg. PD @ 11:30 A.M. 3-6-78 w/1500#. Had good circ thruout job.

BY THE DIVISION OF

GEOL. AND MINING

DATE Feb 14, 1978

BY: P. K. Amcull



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

SIGNED Orval Schmidt TITLE Operations Manager DATE 3-7-78

(This space for Federal or State office use)

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

WELL NO. AND FARM 20 CEDAR RIM J	COUNTY DULLESNE	STATE UTAH	DATE 3-6-78
OWNER TO VOCH EXPLORATION	OWNER SAME	DUNCAN USE ONLY	
ADDRESS 1515 ARAPAHO PARK CENTER, SUITE 530	CONTRACTOR CHASE	LOCATION VERNAL	CODE 55685
CITY, STATE, ZIP DENVER COLO.	SHIPPED VIA COVEHILLE	LOCATION 2	CODE
DUNCAN USE ONLY	DELIVERED TO LOC.	LOCATION 3	CODE
	ORDER NO.	BULK MATERIAL DELIVERY TICKET NO. B-524773	
	TOTAL ACID-30 DAYS	WELL TYPE OIL DEVELOPE	CODE 00
TERMS: NET DUE BY THE 20TH OF FOLLOWING MONTH. INTEREST CHARGED AFTER 60 DAYS FROM DATE OF INVOICE.		TYPE AND PURPOSE OF JOB SET 7" INTERMEDIATE	

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE L D	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
				QTY.	MEAS.	QTY.	MEAS.			
R000-117			MILEAGE (8189)	75	MI.			1.25	93	75
R001-016			CASING JOB	8380	FT.				1546	60
R001-018			ADDITIONAL HOURS	1	HR.	4	HR.		410	00
R030-015			5 W TOP PLUG						33	40
S00-033			STAND-BY (BULK)	2	HR.	5	HR.	26 ⁰⁰	260	00
S04-134			HALLIBURTON LIGHT CMT.	300	SK.			4.54	1377	00
S09-406			2% CALIZ w/ 3000 SK.	5	SK.				82	50
S04-076			KAISER CLASS G CMT.	100	SK.			5.67	567	00
			SERVICE CHARGE ON MATERIALS RETURNED							
S00-207			SERVICE CHARGE	410	CU. FT.			1.62	254	20
S00-314			TOTAL WEIGHT 75 LOADED MILES 1401.55					4.4	620	20

WAS JOB SATISFACTORILY COMPLETED? WAS OPERATION OF EQUIPMENT SATISFACTORY? WAS PERFORMANCE OF PERSONNEL SATISFACTORY?	<i>very good</i>	TAX REFERENCES _____ _____ _____	SUB TOTAL TAX TAX TAX
<i>Donald M. ...</i> Customer or His Agent	<i>Wayne D. Hillstead</i> Halliburton Operator	TOTAL	

THIS IS NOT AN INVOICE

TAXES, PRICE CHANGES, AND OTHER APPLICABLE DATA WILL BE SHOWN ON OUR INVOICE TO BE SUBMITTED FOR PAYMENT AT A LATER DATE.

CUSTOMER

HALLIBURTON SERVICES JOB SUMMARY

FORM 2012 R/C

HALLIBURTON
DIVISION
HALLIBURTON
LOCATION

DENVER
VERNAL

BILLED ON
TICKET NO. 207922

CUSTOMER KOCH
LEASER CEDAR
WELL NO. 20
JOB TYPE 7" INTERMEDIATE
DATE 3-6-78

FIELD W. DUCHESNE SEC. 10 TWP. 35 RNG. 6 W COUNTY DUCHESNE STATE UTAH

WELL DATA

FORMATION NAME _____ TYPE _____
FORMATION THICKNESS _____ FROM _____ TO _____
INITIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
PRESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____
PACKER TYPE _____ SET AT _____
BOTTOM HOLE TEMP. _____ PRESSURE _____
MISC. DATA _____ TOTAL DEPTH _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	N	26	7"	L.B.	9380	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>3-5</u> TIME <u>18:00</u>	DATE <u>3-6</u> TIME <u>01:00</u>	DATE <u>3-6</u> TIME <u>10:20</u>	DATE <u>3-6</u> TIME <u>12:00</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG <u>5-W</u>	<u>1</u>	<u>HALL</u>
HEAD		
PACKER		
OTHER		

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>L. CANTWELL</u>	<u>8189</u>	<u>VERNAL</u>
<u>AA. ELDRED</u>	<u>6-2</u>	<u>VERNAL</u>
<u>CARTER</u>	<u>9574-3M6</u>	<u>VERNAL</u>
	<u>BULK</u>	
<u>S. HORTON</u>	<u>9330</u>	<u>VERNAL</u>
	<u>BULK</u>	
<u>W.M. HILLSTEAD</u>	<u>23692</u>	<u>VERNAL</u>
	<u>CMTR.</u>	

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL.[°] API
DISPL. FLUID _____ DENSITY _____ LB/GAL.[°] API
PROP. TYPE _____ SIZE _____ LB.
PROP. TYPE _____ SIZE _____ LB.
ACID TYPE _____ GAL. _____ %
ACID TYPE _____ GAL. _____ %
ACID TYPE _____ GAL. _____ %
SURFACTANT TYPE _____ GAL. _____ IN
NE AGENT TYPE _____ GAL. _____ IN
FLUID LOSS ADD. TYPE _____ GAL.-LB. _____ IN
GELLING AGENT TYPE _____ GAL.-LB. _____ IN
FRIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN
BREAKER TYPE _____ GAL.-LB. _____ IN
BLOCKING AGENT TYPE _____ GAL.-LB. _____ IN
PERFPAC BALLS TYPE _____ QTY. _____
OTHER _____
OTHER _____

DEPARTMENT CMT.
DESCRIPTION OF JOB SET. 7" INTERMEDIATE
JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.
CUSTOMER REPRESENTATIVE X Wayne Hillstead
HALLIBURTON OPERATOR WAYNE HILLSTEAD COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	TYPE	API CLASS	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>300</u>	<u>HALL</u>	<u>LIGHT B</u>	<u>LIGHT B</u>	<u>2%</u>	<u>CALIZ</u>	<u>1.69</u>	<u>13.1</u>
<u>2</u>	<u>100</u>	<u>REG</u>	<u>6</u>	<u>KAISER B</u>	<u>B</u>	<u>NONE</u>	<u>1.15</u>	<u>15.8</u>

PRESSURES IN PSI

CIRCULATING _____ DISPLACEMENT _____
BREAKDOWN _____ MAXIMUM _____
AVERAGE _____ FRACTURE GRADIENT _____
SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____
HYDRAULIC HORSEPOWER
ORDERED _____ AVAILABLE _____ USED _____
AVERAGE RATES IN BPM
TREATING 10 DISPL. 8 OVERALL 9
FEET 36 REASON SHOE JOINT

SUMMARY

VOLUMES 20 TYPE H₂O
PRESLUSH: BBL.-GAL. _____
LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 353
CEMENT SLURRY: BBL.-GAL. 40-20
TOTAL VOLUME: BBL.-GAL. 463

REMARKS

JOB WENT AS EXPECTED

CUSTOMER

April 3, 1978

Koch Exploration Company
P. O. Box 2256
Wichita, Kansas 67201

Re: Cedar Rim #20
Sec. 10, T. 3S, R. 6W,
Duchesne County, Utah

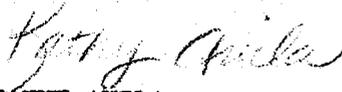
Gentlemen:

We are in receipt of your electric logs for the above mentioned well which have been marked "tight Hole". Please refer to Rule C-5 (b), General Rules and Regulations and Rules of Practice and Procedure.

In order to hold this information confidential, we must have a letter from your company requesting that this data be withheld from open files. If we do not hear from you by April 17, 1978, we will assume that the information can be released.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

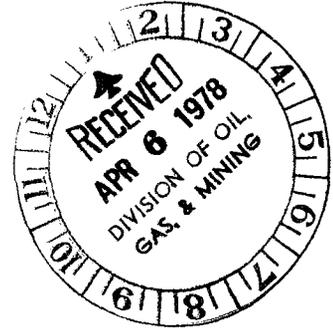

KATHY AVILA
RECORDS CLERK

KOCH EXPLORATION COMPANY

SUITE 530 ONE PARK CENTRAL 1515 ARAPAHOE STREET
DENVER, COLORADO 80202 TEL. 303-623-5266



April 4, 1978



Oil, Gas and Mining Division
1588 West, North Temple
Salt Lake City, Utah 84116

Re: Cedar Rim #20 Well
SWSW Section 10-T3S-R6W
Duchesne County, Utah

Gentlemen:

We request that you keep all materials and/or information furnished you on the subject well confidential for the period of time allowed by current rules and regulations.

Thank you.

Yours very truly,

A handwritten signature in cursive script that reads 'C. D. McCormick'.

C. D. McCormick
Exploration Manager

mwc

cc: Orvall Schmidt

WELL NO. AND FARM <i>Colony King - 20</i>		COUNTY <i>Dickinson</i>	STATE <i>WYOM.</i>	DATE <i>3-24-71</i>
CHARGE TO <i>Rock Exploration</i>		OWNER <i>Same</i>	DUNCAN USE ONLY	
ADDRESS <i>Box 21-6</i>		CONTRACTOR <i>Chas. D. H. Co.</i>	LOCATION <i>1</i>	CODE <i>57003</i>
CITY, STATE, ZIP <i>Wichita Kansas</i>		SHIPPED VIA <i>Co. Truck</i>	LOCATION <i>2</i>	CODE
DUNCAN USE ONLY		DELIVERED TO <i>W.C.</i>	LOCATION <i>3</i>	CODE
		ORDER NO.	BULK MATERIAL DELIVERY TICKET NO. B-573113	
		TOTAL ACID-30 DAYS	WELL TYPE <i>oil well</i>	CODE <i>00</i>
TERMS: NET		DUE BY THE 20TH OF FOLLOWING MONTH. INTEREST CHARGED AFTER 60 DAYS FROM DATE OF INVOICE.		
		TYPE AND PURPOSE OF JOB <i>CONCRETE 5' Liners</i>		

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT
		L	D		QTY.	MEAS.	QTY.	MEAS.		
<i>R000-117</i>				MILEAGE	<i>40</i>	<i>MI</i>			<i>1.25</i>	<i>50.00</i>
<i>R009-407</i>				<i>Base Chg</i>	<i>10400</i>	<i>FT</i>			<i>17.22</i>	<i>1796.60</i>
<i>R009-027</i>				<i>ADD HAS Pump Trk</i>	<i>1</i>	<i>TR</i>	<i>2</i>	<i>TR</i>	<i>215.00</i>	<i>215.00</i>
<i>R019-000</i>				<i>C2-1 SPACER</i>	<i>15</i>	<i>BLS</i>			<i>20.00</i>	<i>300.00</i>
<i>1051</i>	<i>307-0029</i>			<i>Casing Cent. Shimall</i>	<i>5</i>	<i>EA</i>	<i>5</i>	<i>'</i>	<i>3.50</i>	<i>17.50</i>
<i>R136-746</i>				<i>Surface Manifold</i>	<i>1</i>	<i>EA</i>				<i>94.00</i>
<i>507-076</i>				<i>Running Class G Cent</i>	<i>500</i>	<i>CHS</i>			<i>5.67</i>	<i>2835.00</i>
<i>507-145</i>				<i>CFR-2, 2 1/2" w/500</i>	<i>235</i>	<i>LBS</i>			<i>2.65</i>	<i>622.75</i>
<i>507-275</i>				<i>HR-5, 1 1/2" w/500</i>	<i>47</i>	<i>LBS</i>			<i>1.35</i>	<i>63.45</i>
<i>507-277</i>				<i>Heavy Gel, 3 1/2" w/500</i>	<i>500</i>	<i>CHS</i>			<i>.26</i>	<i>130.00</i>
<i>500-023</i>				<i>ADD HAS Bulk Trk</i>	<i>11</i>	<i>TR</i>			<i>34.55</i>	<i>380.00</i>
				SERVICE CHARGE ON MATERIALS RETURNED		CU. FT.				
<i>500-207</i>				SERVICE CHARGE	<i>500</i>	CU. FT.			<i>.62</i>	<i>310.00</i>
<i>500-211</i>				TOTAL WEIGHT <i>40</i> LOADED MILES <i>901.41</i>		TON MILES			<i>.14</i>	<i>4209.35</i>

WAS JOB SATISFACTORILY COMPLETED? _____ WAS OPERATION OF EQUIPMENT SATISFACTORY? _____ WAS PERFORMANCE OF PERSONNEL SATISFACTORY? _____		TAX REFERENCES _____ _____ _____		SUB TOTAL TAX TAX TAX
X <i>[Signature]</i> Customer or His Agent		<i>[Signature]</i> Halliburton Operator		TOTAL

HALLIBURTON SERVICES JOB SUMMARY

FORM 2012 R2

HALLIBURTON DIVISION
HALLIBURTON LOCATION

VENNML

BILLED ON TICKET NO. *336765*

WELL DATA

FIELD *Duchene* SEC. *10* TWP. *3 S* RNG. *6 W* COUNTY *Duchene NE* STATE *WY*

FORMATION NAME _____ TYPE _____

FORMATION THICKNESS _____ FROM _____ TO _____

INITIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD

PRESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD

COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____

PACKER TYPE _____ SET AT _____

BOTTOM HOLE TEMP. _____ PRESSURE _____

MISC. DATA _____ TOTAL DEPTH _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING		<i>26</i>	<i>7"</i>	<i>0</i>	<i>4384</i>	
LINER		<i>18</i>	<i>5"</i>	<i>8109</i>	<i>10400</i>	
TUBING	<i>DP</i>	<i>1330</i>	<i>3 1/2"</i>	<i>0</i>	<i>8109</i>	
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <i>3-31-78</i>	DATE <i>3-31-78</i>	DATE <i>5:28-15</i>	DATE <i>3-31-78</i>
TIME <i>08:00</i>	TIME <i>16:00</i>	TIME <i>11:42</i>	TIME <i>04:00</i>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <i>5"</i>	<i>1EH</i>	<i>BROWN</i>
FLOAT SHOE <i>5"</i>	<i>1EH</i>	<i>BROWN</i>
GUIDE SHOE		
CENTRALIZERS <i>Slim Hole 5"</i>	<i>5 EH</i>	<i>HONEY</i>
BOTTOM PLUG		<i>BROWN</i>
TOP PLUG		<i>BROWN</i>
HEAD		<i>BROWN</i>
PACKER		
OTHER <i>EX LOK CLAMP 5"</i>		

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<i>R. RASMUSSEN</i>	<i>0166</i>	
<i>G. CANNON</i>	<i>7163</i>	<i>VENNML</i>
<i>G. JOHNSON</i>	<i>"</i>	<i>"</i>
<i>G. MILLER</i>	<i>7913</i>	<i>"</i>
<i>J. PAATT</i>	<i>9932</i>	<i>"</i>
<i>J. ECKROTH</i>	<i>ENGINEER</i>	<i>"</i>

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL. API

DISPL. FLUID _____ DENSITY _____ LB/GAL. API

PROP. TYPE _____ SIZE _____ LB.

PROP. TYPE _____ SIZE _____ LB.

ACID TYPE _____ GAL. _____ %

ACID TYPE _____ GAL. _____ %

ACID TYPE _____ GAL. _____ %

SURFACTANT TYPE _____ GAL. _____ IN

NE AGENT TYPE _____ GAL. _____ IN

FLUID LOSS ADD. TYPE _____ GAL.-LB. _____ IN

GELLING AGENT TYPE _____ GAL.-LB. _____ IN

FRIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN

BREAKER TYPE _____ GAL.-LB. _____ IN

BLOCKING AGENT TYPE _____ GAL.-LB. _____

PERFPAC BALLS TYPE _____ QTY. _____

OTHER *5-1 CRACK 1" PL*

OTHER _____

DEPARTMENT *CONCRETE*

DESCRIPTION OF JOB *CONCRETE 5" LINER*

JOB DONE THRU: TUBING CASING ANNULUS TEG./ANN.

CUSTOMER REPRESENTATIVE *X* _____

HALLIBURTON OPERATOR *A. J. ...* COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	TYPE	API CLASS	BRAND	BULK SACKS	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<i>1</i>	<i>500</i>		<i>G</i>	<i>KALSOB</i>	<i>B</i>	<i>2% Gel, .5% C-11-2, .1% H-5</i>	<i>1.33</i>	<i>14.9</i>

PRESSURES IN PSI

CIRCULATING _____ DISPLACEMENT _____

BREAKDOWN _____ MAXIMUM *2000*

AVERAGE _____ FRACTURE GRADIENT _____

SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____

HYDRAULIC HORSEPOWER

ORDERED _____ AVAILABLE _____ USED _____

AVERAGE RATES IN BPM

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE

FEET *170* REASON *...*

SUMMARY

PRESLUSH: BBL-GAL. _____ TYPE _____

LOAD & BKDN: BBL-GAL. _____ PAD: BBL-GAL. *1.5*

TREATMENT: BBL-GAL. _____ DISPL: BBL-GAL. *100*

CEMENT SLURRY: BBL-GAL. *118.5*

TOTAL VOLUME: BBL-GAL. _____

REMARKS

RETAIN

CUSTOMER: *Kohl Exploration Lease* WELL NO. *30* JOB TYPE: *5" LINER* DATE: *3-31-78*

HALLIBURTON SERVICES
JOB LOG

WELL NO. 220 LEASE Block 10 TICKET NO. 326768
 CUSTOMER Boch Exploration PAGE NO. 1
 JOB TYPE 5" Drilling DATE 3-10-11

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								run log @ 1100 - set up to write to head
								Change to Drill Pipe + Check Valve
1	01:43	4	15			1100		Pump on - 1 2000
2	01:52	5	11%			1200		Mix 500 lbs @ 117° (1000)
3	02:17	6	8			-	-	1000 Pump + 1000
4	03:15	6	40			200		Dis. of mud
5	03:38	6	10			300		H ₂ O
6	04:39	5	3000			1200		Cont. of mud
7	05:22	2	1600			1500		Push up 10'
8	05:46	1	750			1500		Lost circulation
9	06:11	1	1100			1700		Plug Down
10	06:16	-	-			0		Return to test plant (1000)
11	06:17	-	-			0		Prepare to flow out
12	06:36	6	0			-	400	Test flow
13	06:38	-	-			-	1500	Gas charge
14	06:35	3	111			800	1100	Gas flow test
15	06:17	-	140			300	1100	Basal flow
16	06:38	-	-			-	-	wash up th + End Job

RETAIN



WORK ORDER CONTRACT AND PRE-TREATMENT DATA

FORM 1908 R-2

A Division of Halliburton Company BUNCOM, OKLAHOMA 73332

ATTACH TO INVOICE & TICKET NO. 736766

DISTRICT WVHML

DATE 3-27-78

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE

THE SAME AS AN INDEPENDENT CONTRACTOR TO: Koch Exploration (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. # 20 LEASE Cedar Rim SEC. 10 TWP. 3 S RANGE 6 W

FIELD Duchesne COUNTY Duchesne STATE Utah OWNED BY AMIC

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

Table with columns: FORMATION NAME, TYPE, THICKNESS, FROM, TO, PACKER TYPE, SET AT, TOTAL DEPTH, MUD WEIGHT, BORE HOLE, INITIAL PROD, PRESENT PROD, and a detailed well log table with columns: NEW/USED, WEIGHT, SIZE, FROM, TO, MAX. ALLOW. P.S.I., SHOTS/FT.

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED _____

Cement 5" liner as instructed

CUSTOMER OR HIS AGENT STATES THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

- As consideration, the above-named Customer agrees:
(a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists.
(b) Halliburton shall not be responsible for and Customer shall secure Halliburton against any liability for damage to property of Customer and of the well owner...
(c) Customer shall be responsible for and secure Halliburton against any liability for reservoir loss or damage, or property damage resulting from subsurface pressure...
(d) Customer shall be responsible for and secure Halliburton against any and all liability of whatsoever nature for damages as a result of subsurface trespass...
(e) Customer shall be responsible for and secure Halliburton against any liability for injury to or death of persons, other than employees of Halliburton...
(f) Halliburton makes no guarantee of the effectiveness of the products, supplies or materials, nor of the results of any treatment or service.
(g) Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered...
(h) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others...
(i) Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE.
(j) Upon Customer's default in the payment of Customer's account 60 days after date of invoice...
(k) Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton.

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT

SIGNED _____ CUSTOMER

DATE 3-27-78

TIME 12:00 A.M. P.M.

We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished under this contract.

RETAIN

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329-1)
(2/76)

OMB 42-R0356

MONTHLY REPORT
OF
OPERATIONS
(Continued)

Lease No. 32-681127

Communitization Agreement No. N/A

Field Name Cedar Rim

Unit Name N/A

Participating Area N/A

County Duchesne State Utah

Operator Koch Exploration Company

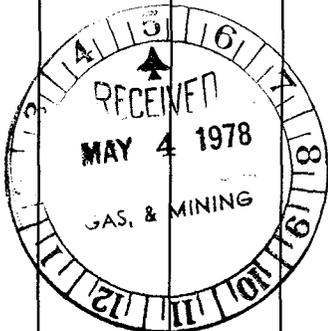
Amended Report

CONFIDENTIAL

The following is a correct report of operations and production (including status of all unplugged wells) for the month of April, 19 78

(See Reverse of Form 9-329 for Instructions)

Well No.	Sec. & ¼ of ¼	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
20	SW SW 10	3S	6W	POW	N/A	-0-	-0-	-0-	Testing Well



Koch Explor.

Graham Farley
548-2218

Cedar Rim 20
Sec 10, 35, 6W, Duchesne

PBTD = 10372'

5" liner 8123' - 10414'

7" csg. 8380 - surf.

Perfs @ 9820' - 10374'

(1) 9800 - 9600

(2) 8150 - 7950

(3) Cut 7" @ 5000'

(4) 100' below & 100' above csg. stub.

(5) 700 - 500

(6) 50 - surf.



- Do work on Monday



May 26 1978

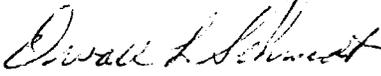
U.S.G.S.
8440 Federal Building
125 South State
Salt Lake City, Utah 84111

RE: Cedar Rim No. 20
NE SW SW Sec. 10-3S-6W
Duchesne County, Utah

Dear Sir:

Please keep all information on the Cedar Rim #20 confidential for the full period allowed by law.

Sincerely yours,


ORVALL L. SCHMIDT
Operations Manager

OLS:dh

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329-1)
(2/76)

OMB 42-R0356

MONTHLY REPORT
OF
OPERATIONS
(Continued)

Lease No. 32-681127

Communitization Agreement No. N/A

Field Name Cedar Rim

Unit Name N/A

Participating Area N/A

County Duchesne State Utah

Operator Koch Exploration Company

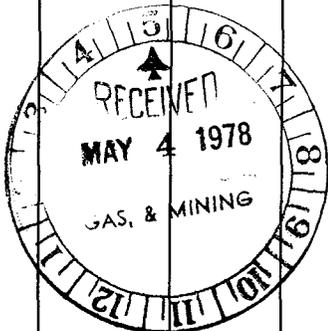
Amended Report

CONFIDENTIAL

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20	SW SW 10	3S	6W	POW	N/A	-0-	-0-	-0-	Testing Well



Koch Explor.

Graham Farley
548-2218

Cedar Rim 20
Sec 10, 35, 6W, Duchesne

PBTD = 10372'

5" liner 8123' - 10414'

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Perfs @ 9820' - 10374'

(1) 9800 - 9600

(2) 8150 - 7950

(3) Cut 7" @ 5000'

(4) 100' below & 100' above csg. stub.

(5) 700 - 500

(6) 50 - surf.



- Do work on Monday



May 26 1978

8

U.S.G.S.
8440 Federal Building
125 South State
Salt Lake City, Utah 84111

RE: Cedar Rim No. 20
NE SW SW Sec. 10-3S-6W
Duchesne County, Utah

Dear Sir:

Please keep all information on the Cedar Rim #20 confidential for the full period allowed by law.

Sincerely yours,

A handwritten signature in cursive script that reads 'Orvall L. Schmidt'.

ORVALL L. SCHMIDT
Operations Manager

OLS:dh

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE*

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

13

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
Koch Exploration Company (Division of Koch Industries, Inc.)

3. ADDRESS OF OPERATOR
P.O. Box 2256; Wichita, Kansas 67201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1120' FWL & 1120' FSL NE SW SW
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO.
14-20-462-1127

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Ute

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
CEDAR RIM

9. WELL NO.
20

10. FIELD AND POOL, OR WILDCAT
Cedar Rim

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 10-3S-6W

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

14. PERMIT NO. 43-013-30433 DATE ISSUED 9-13-77

15. DATE SPUDDED 1-29-78 16. DATE T.D. REACHED 3-25-78 17. DATE COMPL. (Ready to prod.) 4-27-78

18. ELEVATIONS (DF, REB, RT, GR, ETC.)* GR 6260' KB 6273'

19. ELEV. CASINGHEAD -

20. TOTAL DEPTH, MD & TVD 10,401' 21. PLUG, BACK T.D., MD & TVD 10,395'

22. IF MULTIPLE COMPL., HOW MANY* → 23. INTERVALS DRILLED BY → ROTARY TOOLS X CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
9820-10,374' Wasatch

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
FDC, DIL, GR, SP

27. WAS WELL CORED
No

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

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10-3/4	40.5	601	13-3/4	300 SX	None
7	26	8380	8-3/4	400 SX	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
5	8123'	10,414	500	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8	8090	None
2-1/16	8090	None

31. PERFORATION RECORD (Interval, size and number)
See attached list of perfs.
21 intervals, 154', 175 holes
0.38" Jet shots 9820-10,374'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
9820-10,374'	16,000 gal 15% MSR acid w/210 BS & 3000# BAF.

33. PRODUCTION

DATE FIRST PRODUCTION 4-21-78 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
5-24-78	12	10/64	→	190	137	0	721

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
1100	1250	→	380	274	0	42.8

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Sold TEST WITNESSED BY Ron Muir

35. LIST OF ATTACHMENTS
List of perfs

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

SIGNED Oswald J. Schmit TITLE Operations Manager DATE 5-26-78

*(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) and 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.
38. GEOLOGIC MARKERS			
NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Evacuation Crk	3884		(+2391)
Parachute Crk	5390		(+ 885)
Douglas Crk	6675		(- 400)
L. Green River	8062		(-1787)
Wasatch	8420		(-2145)

CEDAR RIM #20

April 6, 1978

Recommended Perforations (Correlate w/Dual Ind. Log).

NOTE: Increased Mud Wt. from 9.4# to 11.3# at 9812'.

	<u>DEPTH</u>	<u>FEET</u>	<u>NO. HOLES</u>
1.	9,820-28	8	9
2.	9,854-64	10	11
3.	9,890-98	8	9
4.	9,910-16	6	7
5.	9,961-72	11	12
6.	9,994-10,006	12	13
7.	10,054-063	9	10
8.	10,078-086	8	9
9.	10,094-098	4	5
10.	10,104-108	4	5
11.	10,140-146	6	7
12.	10,152-156	4	5
13.	10,174-182	8	9
14.	10,196-202	6	7
15.	10,208-212	4	5
16.	10,240-252	12	13
17.	10,262-268	6	7
18.	10,282-286	4	5
19.	10,296-300	4	5
20.	10,322-330	8	9
21.	<u>10,362-374</u>	<u>12</u>	<u>13</u>
	21 Intervals	154'	175 Holes



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

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

August 30, 1985

Koch Exploration Company
1225 Seventeenth Street #2540
Denver, Colorado 80202

Gentlemen:

Re: Well No. Cedar Rim #20 - Sec. 10, T. 3S., R. 6W.,
Duchesne County, Utah - API #43-013-30433

According to a production report submitted in July for the above referenced well, this well is plugged and abandoned. This office has not received the "Sundry Notice" of subsequent abandonment on this well.

Please complete and return the enclosed Form OGC-1b, "Sundry Notices and Reports on Wells" as soon as possible but not later than September 12, 1985.

Thank you for your prompt attention to this matter.

Sincerely,

A handwritten signature in cursive script that reads "Pam Kenna".

Pam Kenna
Well Records Specialist

Enclosure

cc: Dianne R. Nielson
Ronald J. Firth
John R. Baza
File

0170S/13

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

3 IN TRIPLICATE
(Other instructions on reverse side)

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

SEP 16 1985

DIVISION OF OIL
GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NO.	14-20-462-1127
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	UTE
7. UNIT AGREEMENT NAME	N/A
8. FARM OR LEASE NAME	Cedar Rim
9. WELL NO.	20
10. FIELD AND POOL, OR WILDCAT	Cedar Rim 20
11. SEC., T., R., M., OR BLK. AND SUBVST OR AREA	Sec. 10-3S-6W
12. COUNTY OR PARISH	
13. STATE	

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	
2. NAME OF OPERATOR Koch Exploration Company	
3. ADDRESS OF OPERATOR P O Box 2256 Wichita, KS 67201	
4. LOCATION OF WELL (Report location clearly and in accordance with any State law. See also space 17 below.) At surface 1120' FWL & 1120' FSL, SW SW	
14. PERMIT NO.	15. ELEVATIONS (Show whether OF, BT, OR, etc.)

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"/>	FULL 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* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	

(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.)

Could not get 2-7/8" tubing below top of liner at 8123', spotted 60 sx Reg cement at TOL. Pumped 10 sx cedar fiber and 50 sx cotton seed hulls down casing to plug off perfs. Spotted 45 sx Reg cmt from 7183-6983', tagged top of cement at 7025' next morning. Shot 7" casing off at 4037' and lay down total of 91 joints. Spot 65 sx Reg cement from 4105 to 3905'. Tag top of cement at 4030' next morning. Mix LCM to gain circulation. Spot 35 sx Reg cement at 4030' to 3875'. Tag top cement next morning at 3950'. Fill hole w/9.0# fresh water mud. Spot LCM pill at 1000', spot 105 sx Reg cement from 700 to 500'. Tag top of cement next morning at 593', spot 55 sx Reg cement from 593 to 500'. Fill casing with 9.0# fresh water mud. Spot 35 sx reg cement from 50' to surface. Cut off wellhead and install marker.
WELL P&A 4-10-85.

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 9/17/85
BY: John R. Dage

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

SIGNED Orvall L. Schmidt TITLE Vice Pres. Operations DATE Sept. 10, 1985
Orvall L. Schmidt

(This space for Federal or State office use)

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