

UTAH OIL AND GAS CONSERVATION COMMISSION

21

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

DATE FILED 7-26-83

LAND: FEE & PATENTED \_\_\_\_\_ STATE LEASE NO. \_\_\_\_\_ PUBLIC LEASE NO. \_\_\_\_\_ INDIAN 14-20-462-1130

DRILLING APPROVED: 7-27-83 - OIL (Cause No. 140-12)

SPUDED IN: \_\_\_\_\_

COMPLETED: \_\_\_\_\_ PUT TO PRODUCING: \_\_\_\_\_

INITIAL PRODUCTION: \_\_\_\_\_

GRAVITY A.P.I. \_\_\_\_\_

GOR: \_\_\_\_\_

PRODUCING ZONES: \_\_\_\_\_

TOTAL DEPTH: \_\_\_\_\_

WELL ELEVATION: \_\_\_\_\_

DATE ABANDONED 10-9-85

FIELD: Cedar Rim ~~Hubbards~~ CEDAR RIM

UNIT: \_\_\_\_\_

COUNTY: Duchesne County

WELL NO. Cedar Rim #6-A API #43-013-30795

LOCATION 1087' FSL FT. FROM (N) (S) LINE. 1004' FWL FT. FROM (E) (W) LINE SWSW 1/4 - 1/4 SEC. 21

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
<u>3S</u>	<u>6W</u>	<u>21</u>	<u>KOCH EXPLORATION CO.</u>				

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 subsidiary of Koch Industries, Inc.

3. ADDRESS OF OPERATOR  
 17th St. Plaza, 1225 17th St., #2540, Denver, CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations)  
 At surface  
 1004' FWL & 1087' FSL (NESWSW) Sec. 21-T3S-R6W, USM  
 At proposed prod. zone  
 Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE  
 11.7 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)  
 1004' FWL & 1087' FSL

16. NO. OF ACRES ASSIGNED TO THIS WELL  
 560.00

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.  
 Approximately 3100'

19. PROPOSED DEPTH  
 9500'

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 6181' GR

22. APPROX. DATE WORK WILL START\*  
 August 1, 1983

5. LEASE DESIGNATION AND SERIAL NO.  
 14-20-462-1130

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 Cedar Rim

7. UNIT AGREEMENT NAME  
 Cedar Rim - Sink Draw

8. FARM OR LEASE NAME  
 Cedar Rim

9. WELL NO.  
 6-A

10. FIELD AND POOL, OR WILDCAT  
 Cedar Rim - Sink Draw

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 21-T3S-R6W, USM

12. COUNTY OR PARISH  
 Duchesne

13. STATE  
 Utah

22. APPROX. DATE WORK WILL START\*  
 August 1, 1983

RECEIVED  
 JUL 26 1983  
 DIVISION OF GAS & MINING  
 WATCH

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
24"	20" Conductor	Corrugated	60'	Cmt. to surface
17½"	13 3/8"	68#	600'	550 sx Type 2 w/3% CaCl
12½"	9 5/8"	47#	7450'	600 sx Lite & 350 sx Class "H"
8½"	7" Liner	26# & 29#	7450' to 9500'	350 sx Reg. Cmt.

See attached 10 point operational plan.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Robert D. Penick TITLE District Landman DATE 7/6/83

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE STATE  
 OF UTAH DIVISION OF  
 OIL, GAS, AND MINING  
 DATE: 7-27-83  
James H. Stewart

OPERATOR KOCH EXPLORATION CO. DATE 7-27-83

WELL NAME CEDAR RIM #.G-A

SEC SWSW 21 T 35 R 6W <sup>USM</sup> COUNTY DUCHESSNE

43-013-30795  
API NUMBER

INDIAN  
TYPE OF LEASE

POSTING CHECK OFF:

INDEX

MAP

HL

NID

PI

PROCESSING COMMENTS:

TEST WELL

CHIEF PETROLEUM ENGINEER REVIEW:

✓ 7/27/83

APPROVAL LETTER:

SPACING:

A-3

UNIT

c-3-a

140-12 8-27-83  
CAUSE NO. & DATE

c-3-b

c-3-c

SPECIAL LANGUAGE:

Prior to spudding, a copy of the Utah Division of Water Rights (801-533-6071) approval for use of water at the drilling site must be submitted to this office, otherwise this approval is void.

Special attention is directed to compliance with a maximum 60 day period during which time both the test well and the original well may be produced at the same time. Bottom hole pressure test and other test data required by Cause 140-12 shall be submitted at time of completion.

RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.

AUTHENTICATE LEASE AND OPERATOR INFORMATION

VERIFY ADEQUATE AND PROPER BONDING *INDIAN*

AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

APPLY SPACING CONSIDERATION

ORDER 140-12 8-27-70  
~~140-6 8-11-71~~

UNIT \_\_\_\_\_

c-3-b

c-3-c

CHECK DISTANCE TO NEAREST WELL.

CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.

IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

July 27, 1983

Koch Exploration Company  
1225 - 17th Street, Suite 2540  
Denver, Colorado 80202

RE: Well No. Cedar Rim #6-A  
SWSW Sec. 21, T. 3S, R. 6W  
1087' FSL, 1004' FWL  
Duchesne County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with the Order issued in Cause No. 140-12 dated August 27, 1983. Prior to spudding, a copy of the Utah Division of Water Rights (801-533-6071) approval for use of water at the drilling site must be submitted to this office, otherwise this approval is void. Special attention is directed to compliance with a maximum 60 day period during which time both the test well and the original well may be produced at the same time. Bottom hole pressure tests and other test data required by Cause 140-12 shall be submitted at time of completion.

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

RONALD J. FIRTH - Chief Petroleum Engineer  
Office: 533-5771  
Home: 571-6068

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

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 43-013-30795.

Sincerely,

Norman C. Stout  
Administrative Assistant

NCS/as  
cc: Oil \* Gas Operations  
Bureau of Indian Affairs  
Encl. 8

**KOCH** EXPLORATION COMPANY  
SEVENTEENTH STREET PLAZA SUITE 2540  
1225 SEVENTEENTH STREET DENVER, COLORADO 80202  
TEL. 303-292-4311

SUBSIDIARY OF  
**K**  
**KOCH**  
INDUSTRIES, INC.

MINERALS MANAGEMENT  
SERVICE  
OIL & GAS OPERATIONS  
RECEIVED

JUL 28 1983

SALT LAKE CITY, UTAH

July 26, 1983

Bureau of Land Management  
1745 W. 1700 S., Suite 2000  
Salt Lake City, Utah 84104

Re: Cedar Rim 6-A  
Sec. 21-T3S-R6W, USM  
Duchesne County, Utah

Gentlemen:

On July 7, 1983, we submitted, in quadruplicate, an Application to Drill the above referenced well together with an NTL-6.

We have discovered that one of the Lessee's Representatives set forth in item 12 of the NTL-6 is wrong. We, therefore, enclose in quadruplicate, a new last page of the NTL-6. Please replace the last page of the NTL-6 with the attached.

Yours very truly,

  
Robert D. Romek  
Division Landman

RDR:cem

Encl.

cc: State of Utah  
Natural Resources and Energy  
Wild Life Resources  
1596 West North Temple  
Salt Lake City, UT 84116  
Attention: Don Christensen

Ute Tribe  
Fort Duchesne, Utah 84026

Bureau of Indian Affairs  
Uintah and Ouray Agency  
Fort Duchesne, UT 84026

State of Utah  
Department of Natural Resources  
Board of Oil, Gas & Mining  
4241 State Office Bldg.  
Salt Lake City, UT 84114

Grant Farley

Bud Ziser

RECEIVED  
AUG 10 1983

DIVISION OF  
OIL, GAS & MINING



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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 DRILL  DEEPEN  PLUG BACK

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

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 Koch Exploration Company, a subsidiary of Koch Industries, Inc.

4. ADDRESS OF OPERATOR  
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 At proposed prod. zone  
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6. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 11.7 miles Northwest of Duchesne, Utah

7. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
 1004' FWL & 1087' FSL

8. NO. OF ACRES IN LEASE  
 560.00

9. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, APPROXIMATELY OR APPLIED FOR, ON THIS LEASE, FT.  
 3100'

10. PROPOSED DEPTH  
 9500'

11. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 6181' GR

12. NO. OF ACRES ASSIGNED TO THIS WELL  
 640.00

13. ROTARY OR CABLE TOOLS  
 Rotary

14. APPROX. DATE WORK WILL START\*  
 August 1, 1983

5. LEASE DESIGNATION AND SERIAL NO. 1425

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 14-20-462-1130 JUL 13 1983

7. UNIT AGREEMENT NAME  
 SALT LAKE CITY, UTAH

8. FARM OR LEASE NAME  
 Cedar Rim

9. WELL NO.  
 6-A

10. FIELD AND POOL, OR WILDCAT  
 Cedar Rim - Sink Draw

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 21-T3S-R6W, USM

12. COUNTY OR PARISH  
 Duchesne

13. STATE  
 Utah

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24"	20" Conductor	Corrigated	60'	Cmt. to surface
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12 1/4"	9 5/8"	47#	7450'	600 sx Lite & 350 sx Class "H"
8 1/2"	7" Liner	26# & 29#	7450' to 9500'	350 sx Reg. Cmt.

See attached 10 point operational plan.

RECEIVED  
 AUG 08 1983  
 DIVISION OF  
 OIL, GAS & MINING

2827293031-10000678910712  
 AUG 1983  
 RECEIVED  
 Utah

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.

SIGNED Robert D. Rensch TITLE District Landman DATE 7/6/83

PERMIT NO. \_\_\_\_\_ APPROVAL DATE August 4, 1983

APPROVED BY Donald C. Alwood TITLE Assistant District Supervisor DATE 08-04-83

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

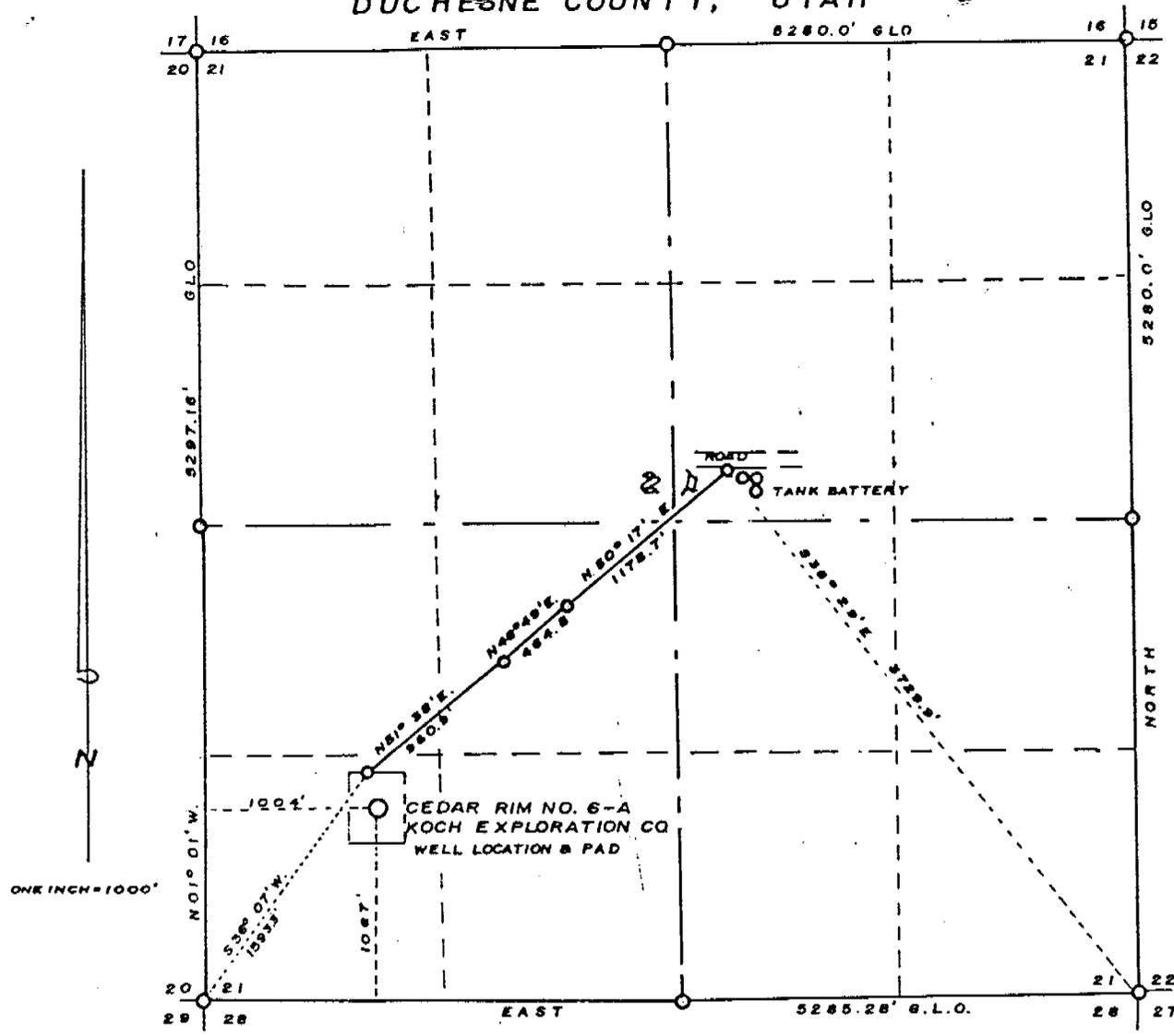
NOTICE OF APPROVAL

\*See Instructions On Reverse Side

FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A DATED 1/1/80

if note & 4 C

PROPOSED ROAD THRU PORTIONS OF SECTION 21 T3S., R.6W.  
 DUCHESE COUNTY, UTAH



Legal Description Duchesne County, Utah April 15, 1983

A proposed road right-of-way thru portions of Section 21, T3S., R.6W. of the Uintah Special Meridian, Duchesne County, Utah more completely described as follows;

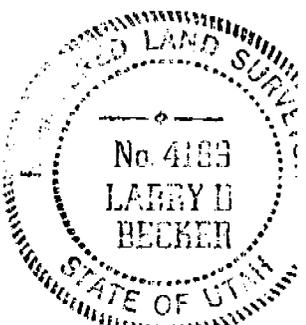
This right-of-way is to be 30' on each side of the following described centerline:

Beginning at a point on the northerly line of the Koch Exploration Co. Cedar Rim #6-A drill pad from which the Southwest corner of said Section 21 bears S36°07'W. 1593.3 feet;  
 thence N.51°33'E. 960.9 feet along said centerline;  
 thence N43°49'E 464.8 feet along said centerline;  
 thence N50°17'E. 1173.7 feet along said centerline  
 of proposed roadway to its intersection with an existing road and tank battery; from which the SouthEast corner of said Section 21 bears S38°29'E. 3729.9'.

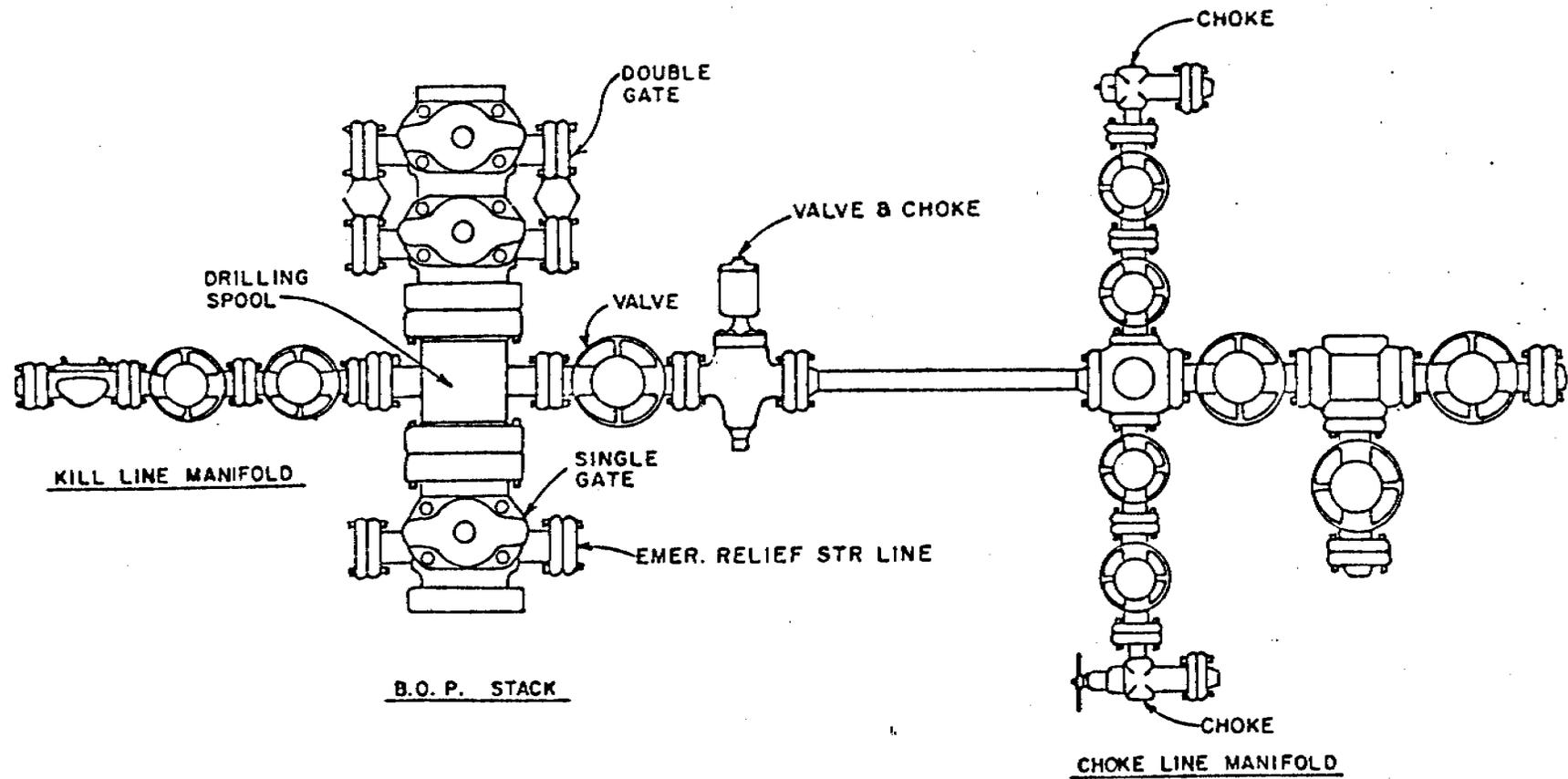
Surveyor's Certificate

I, Larry D. Becker a registered land surveyor in the state of Utah do hereby certify that this survey was made under my direct supervision and that this plat represents said survey.

*Larry D. Becker*  
 L.S. NO. 4189



# BLOWOUT PREVENTOR



Cedar Rim #6-A , Section 21-T3S-R6W, Duchesne County, Utah

1. Geologic name of surface formation - Uintah Formation (Eocene).
2. Estimated tops of important geologic markers -

Evacuation Creek Member	(Green River Formation)	2873'
Parachute Creek Member	(Green River Formation)	4313'
Douglas Creek Member	(Green River Formation)	5606'
Lower Green River Marker		7080'
Wasatch Formation		7385'
TD		9500'

3. Estimated depths at which oil and gas will be encountered: From 4000' to TD.
4. Proposed casing program:

Conductor Casing	20"	Corrigated	
Surface Casing	13 3/8"	68#	K-5S ST&C
Intermediate Casing	9 5/8"	47#	P-110 BTC.
Production Casing	7"	26# & 29#	N-80 LT&C Liner

Proposed setting depth of each casing string and the amount and type of cement including additives:

20" Csg. @ 60' , cmt. to surface  
13 3/8" csg. @ 600' , cmt. w/550 sx Type 2 w 3% CaCl  
9 5/8" csg. @ 7450' cmt. w/ 600 sx Lite and 350 sx Class "H" w/1/4# Flocele/sx  
7" liner from 7450' to 9500' , cmt. w/350 Reg. cmt. w/2% Gel, 0.4% HR-5

5. Pressure control equipment, well heads and 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 Hydrill 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

6. Mud Program:

0 to 600' Fresh water. Spud mud 8.8 to 9.5#. 600' to 4900', 4900' to 5800'.  
Fresh water native mud 8.8 to 9.5# 5800' 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.

7. Auxillary Equipment:

Floats in drill pipe at bit  
Upper and lower Kelly cocks  
Kill valve on rig floor - for stab-in

8. Testing, logging and coring program:

No drill stem tests anticipated  
No cores will be cut  
DIL-SP and FDC-GR Logs will be run

9. Moderate abnormal pressures expected (see 5 and 6 for plans for mitigating), no abnormal temperature or poison gas anticipated.

10. Plan to start drilling well by Aug. 1, 1983. Well should be completed in 120 days.

NTL-6

Cedar Rim 6-A Well  
1004' FWL & 1087' FSL (NESWSW)  
Section 21 -T3S-R6W, USM  
Duchesne County, Utah

1. Existing Roads - See accompanying topographic map
  - A. See the attached location plat prepared by Larry D. Becker.
  - B. Drive west on US Hwy. 40, 6.8 miles from Duchesne, Utah, exit right and drive East 0.3 mile, turn left and drive North and Northwest on graded road 4.1 miles to Koch's gas plant, turn left at Northwest corner of the Gas Plant and drive Southwest 0.5 miles to location.
  - C. See attached topographic map showing location of access road and copy of survey plat.
  - D. The proposed well is a development well. See item "E" below.
  - E. The existing roads within a 1-mile radius of the well site are shown on the attached topographic map.
  - F. The existing roads are graded and maintained by Koch Exploration Company. No improvements are needed.
  
2. Planned Access Roads - See accompanying topographic map and survey plat
  - (1) The running surface will be 16 to 20 feet wide. Average disturbed width will be 30 feet to provide for borrow ditches and adequate drainage.
  - (2) Maximum grade will be 2%.
  - (3) No turnouts will be constructed.
  - (4) Road will be crowned and borrow ditches constructed.
  - (5) No culverts will be installed and there will be no major cuts or fills.
  - (6) Native material will be used in the construction of the road. No surfacing material will be added.
  - (7) There are no fences and therefore no gates or cattleguards will be installed.
  - (8) The proposed access road has been surveyed and center line flagged.
  
3. Location of Existing Wells - See accompanying topographic map
  - (1) thru (5) - None.
  - (6) Producing wells within one (1) mile radius of well site - Cedar Rim No. 2, SWNE 20-T3S-R6W; Cedar Rim No. 6, SWNE 21-T3S-R6W; Cedar Rim No. 12, SWNE 28-T3S-R6W; Cedar Rim No. 13, NE 29-T3S-R6W.
  - (7) thru (9) - None.
  
4. Location of Existing and/or Proposed Facilities
  - A. See accompanying topographic map.
    - (1) and (2) - Tank batteries and production facilities are located at each of the well sites described in item 3. (6) above.
    - (3) There are no oil gathering lines.
    - (4) There are gas gathering lines along the main East-West road running North of Koch Gas Plant and along the access road to the Cedar Rim. No 12 and No. 13 wells.
    - (5) There are no injection lines.
    - (6) There is a salt water disposal line along the main East-West road running North of the Koch Gas Plant and along the access road to the Cedar Rim No. 12 and No. 13 wells.

- B. (1), (2), (3) and (4): There will be no production facilities on the location, except the well head and a line heater. We intend to lay a 3½" flow line and a 2" hot water line along the access road from the well to the Cedar Rim No. 6 well and utilize the production facilities at the Cedar Rim No. 6 well. The Cedar Rim No. 6 well will be shut in if the Cedar Rim 6-A well is produced.
- C. After drilling is completed, the reserve pit will be back filled and that part of the disturbed well site not needed for producing operations will be graded back to the original contour as near as practicable and reseeded with a seed mixture recommended by the Utah Division of Wildlife Resources. Depending upon the time of year, restoration should be completed within 90 days from completion of the well.
- D. If plans to frac the well are made, frac tanks and equipment will be located to meet government requirements.
5. Location and Type of Water Supply
- A. The water supply will be obtained from the Strawberry River West of Duchesne, Utah where said river crosses Hwy. 40, or from the Starvation Reservoir.
- B. The water will be transported by water trucks using existing highways and/or roads.
- C. No water wells will be drilled on the leased premises.
6. Source of Construction Material
- A. Native material will be used in the construction of the drillsite and access road.
- B. The native material used in the construction of the drillsite and the access road is on leased premises where the oil and gas rights are owned by the Ute Indian Tribe and the Ute Distribution Corporation, and the surface is owned by the Utah Division of Wildlife Resources.
- C. The native material at the site of construction will be used.
- D. The access road is on land owned by the Utah Division of Wildlife Resources.
7. Methods for Handling Waste Disposal
- (1) All cuttings, salts and other solid waste will be contained in the reserve pit, and upon completion of drilling, the pit will be backfilled covering such waste.
- (2) The drilling fluids will be contained in the reserve pit, and upon completion of drilling, the fluids will be allowed to evaporate or will be hauled away.
- (3) Any produced oil will be contained in tank batteries on the location site and sold. Produced water will be piped or hauled by truck to Koch's Salt Water Disposal Well located in the NW1/4NW1/4 Section 18-T3S-R6W.
- (4) A portable chemical toilet will be on the location site for human waste and sewage.

- (5) Garbage and other waste material will be contained in a fenced trash pit and covered with small wire mesh. Pit will be covered with a minimum of four feet of dirt upon completion of the well.
- (6) After the well has been drilled and completed, all material not needed for producing activities will be moved off the location. The reserve pit will be allowed to dry and then back filled. The trash pit will be covered with dirt and that part not needed for production facilities and activity will be restored to its original slope and condition as nearly as is practicable.

8. Ancillary Facilities

None.

9. Well Site Layout

- (1), (2) and (3) Attached are the following:
  - a) Location layout showing cuts and fills, access road, drainages and soil materials stockpile.
  - b) Cross Section of location.
  - c) Drilling Rig Layout showing location of mud tanks, pipe racks, trailers, etc.

(4) Pits will be unlined.

10. Plans for Restoration of Surface

- (1) Upon completion of the well, the fluids in the reserve pit will be allowed to evaporate or hauled off, and when dry, said pit will be back filled and leveled. That part of the location not needed for production equipment and operations will be re-contoured to its original slope and condition as nearly as is practicable.
- (2) The top soil will be re-distributed and re-seeding will be done in the fall when germination is most likely to be successful. If the well is dry, the access road will also be rehabilitated. A seed mixture as recommended by the Utah Wildlife Resources will be used.
- (3) During drilling, the reserve pit will be fenced with woven wire on three sides and at the time of rig release, said pit will be fenced on the fourth side and so maintained until back filled and leveled.
- (4) Overhead flagging will also be installed.
- (5) Depending on the time of year and weather conditions, the restoration of the area will be accomplished in approximately 90 days.

11. Other Information

- (1) The location is on a gentle slope to the East-Northeast. Juniper surrounds the location which opens to the East and South. The vegetation interspersed with the juniper and in the open areas is Russian Thistle, range grasses, prickly pear, sagebrush and shadscale.
- (2) The surface where the drillsite and access road will be located, are owned by the Utah Division of Wildlife Resources and the area is utilized for wildlife grazing.
- (3) There is no water in the immediate vicinity, however, Starvation Reservoir is located approximately 4 miles East of the location. There are no occupied dwellings, archeological, historical or cultural sites in the immediate vicinity of the drillsite.
- (4) Trees that are removed for the drillsite and access road will be cut and scattered. Any brush will be piled separate from the top soil.
- (5) The line heaters installed for the production of this well will be painted green.
- (6) Drilling and construction activities will not be conducted between November 15 and April 15 without the written consent of the Utah Division of Wildlife Resources as the area is within a Winter Deer Range.

12. Lessee's or Operator's Representative

Esker Matteson/Dist. Prod. Supt.  
Koch Exploration Company  
507 Fruitdale Court  
Unit B  
Grand Junction, CO 81501  
Phone: 303-434-1037

Robert D. Romek/Dist. Landman  
Koch Exploration Company  
Seventeenth Street Plaza  
1225 17th St., Suite 2540  
Denver, CO 80202  
Phone: 303-292-4311

13. Certification

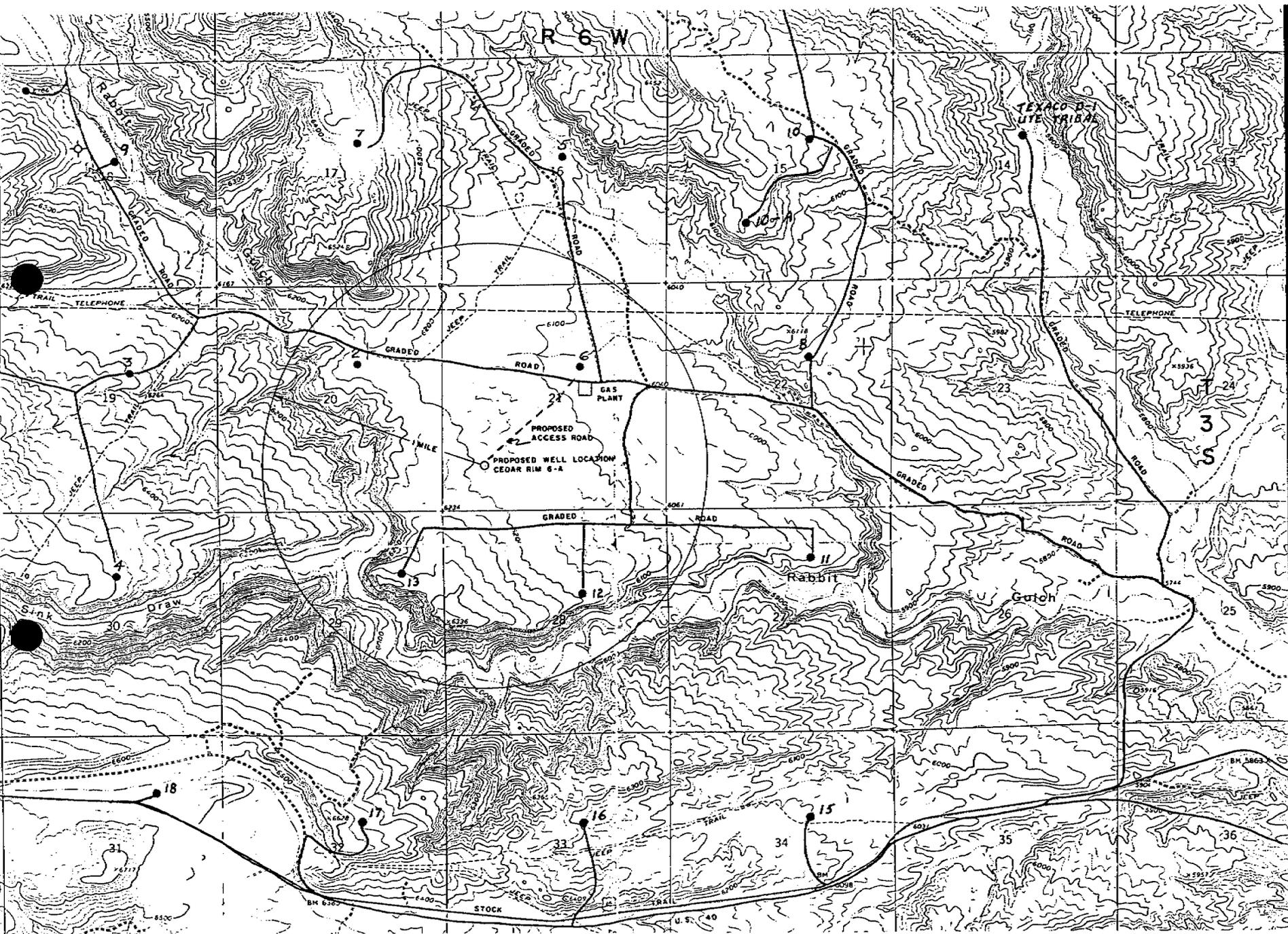
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated 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 conditons under which it is approved.

July 6, 1983

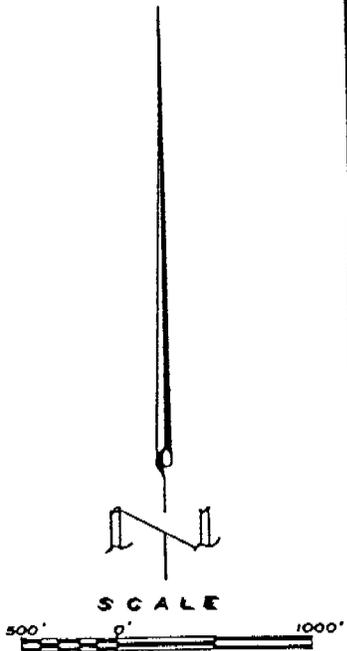
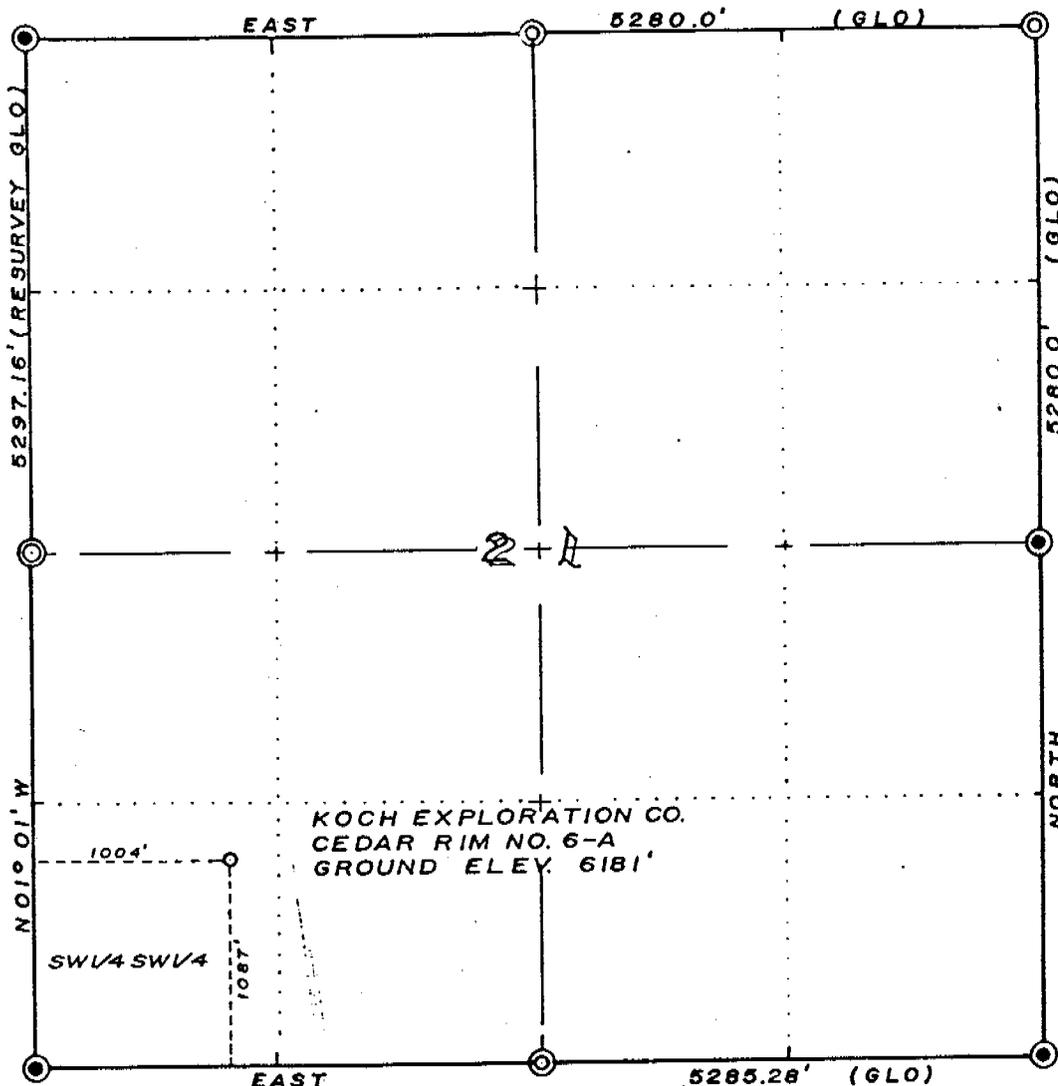
\_\_\_\_\_  
Date



\_\_\_\_\_  
Robert D. Romek, District Landman



SEC. 21, T. 3 S., R. 6 W. OF THE UINTAH SPECIAL MERIDIAN



- LEGEND**
- ⊙ STANDARD LOCATION OF GLO SECTION CORNERS
  - GLO CORNERS FOUND
  - WELL LOCATION STAKED.
- REFERENCE DOCUMENTS**
- 1856 GLO PLAT
  - RABBIT GULCH, UTAH QUADRANGLE, USGS

THIS WELL LOCATION PLAT WAS PREPARED FOR KOCH EXPLORATION CO. TO LOCATE THE CEDAR RIM NO. 6-A, 1087' F.S. L. & 1004' F.W. L. IN THE SW 1/4 SW 1/4, OF SECTION 21, T. 3 S., R. 6 W. OF THE UINTAH SPECIAL MERIDIAN, DUCHESNE COUNTY, UTAH.



**SURVEYOR'S CERTIFICATE**

LARRY D. BECKER A REGISTERED LAND SURVEYOR IN THE STATE OF UTAH DO HEREBY CERTIFY THAT THIS SURVEY WAS MADE UNDER MY DIRECT SUPERVISION AND THAT THIS PLAT REPRESENTS SAID SURVEY.

*Larry D. Becker*  
 UTAH REGISTERED LAND SURVEYOR NO. 4189

SURVEYED	5/6, 9, 10
DRAWN	3/12/83
CHECKED	3-14-83

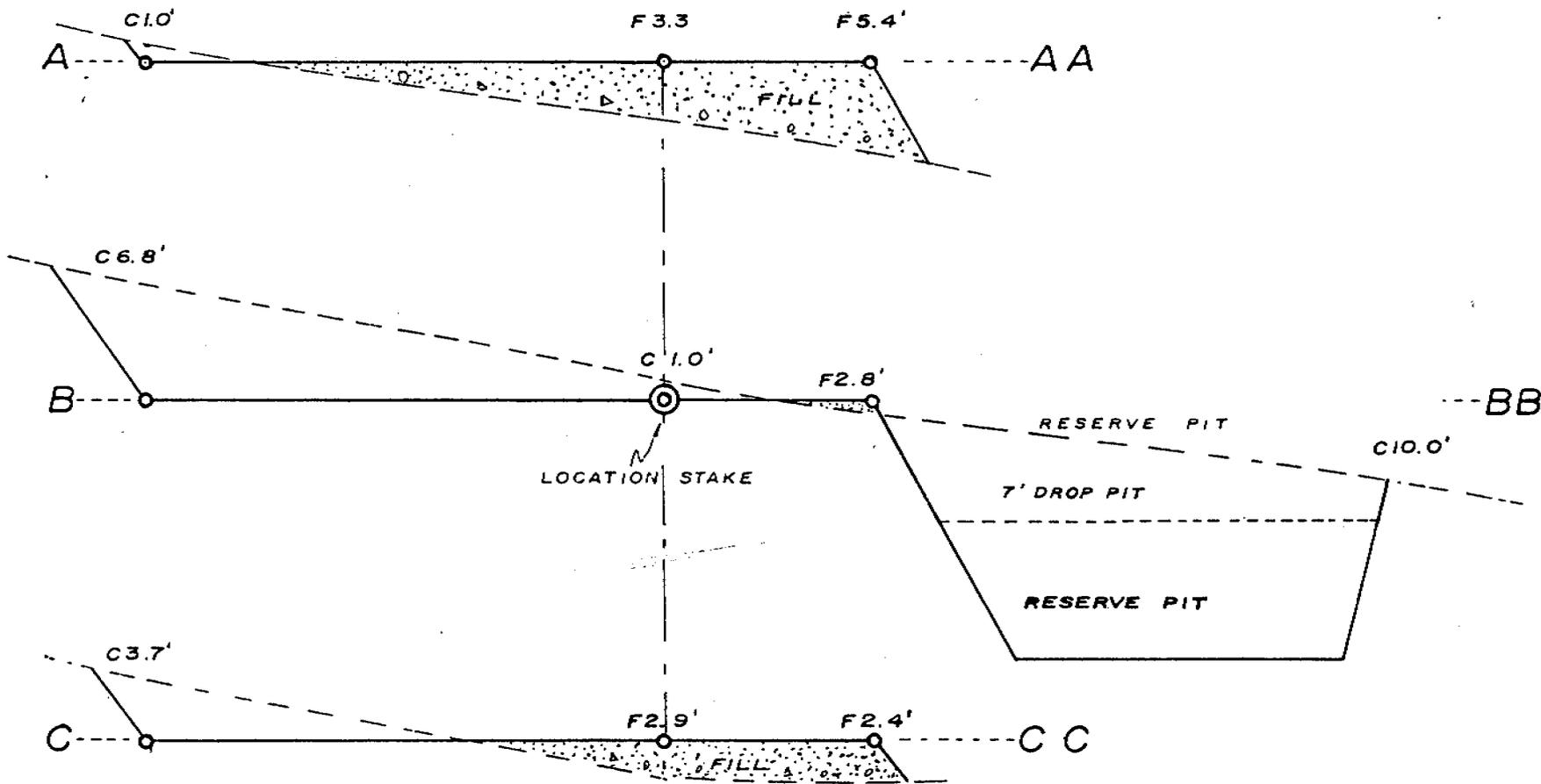
**ENERGY SURVEYS & ENGINEERING CORP.**

715 HORIZON DRIVE, SUITE 330  
 GRAND JUNCTION, CO 81501  
 (303) 245-7221

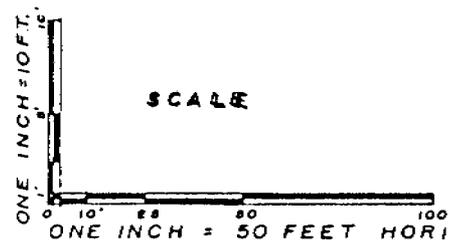
SCALE 1" = 1000'
JOB NO.
SHEET OF



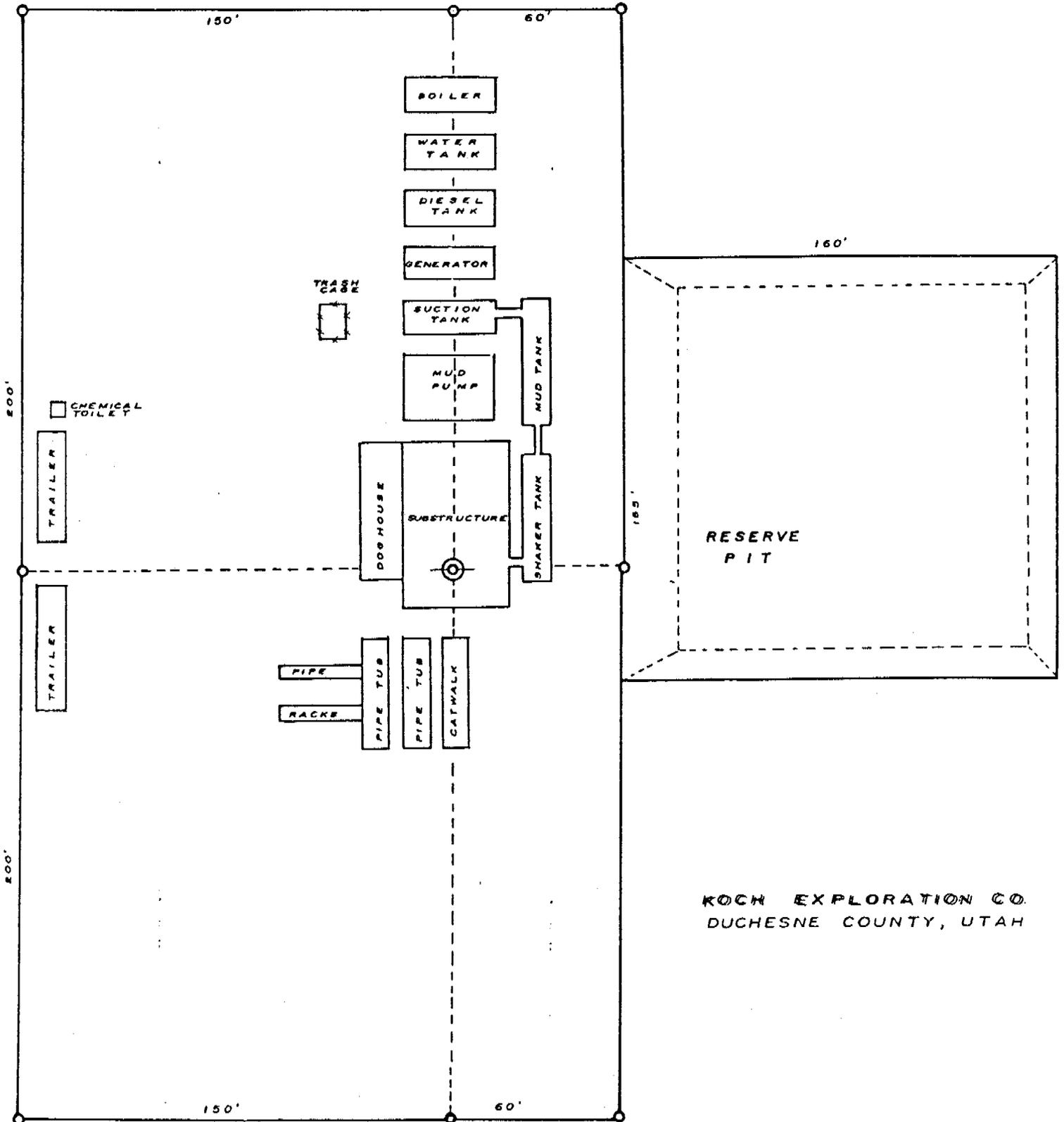
CROSS-SECTION OF PIT & PAD



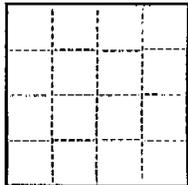
KOCH EXPLORATION CO.  
CEDAR RIM NO. 6-A



DRILLING RIG LAYOUT  
CEDAR RIM NO. 6-A



KOCH EXPLORATION CO.  
DUCHESE COUNTY, UTAH



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

Sec. 21  
T. 3 S  
R. 6 W  
US. Mer.

**INDIVIDUAL WELL RECORD**

INDIAN LAND:

Date August 2, 1983

Ref. No. \_\_\_\_\_

Reservation Uintah-Ouray State Utah

14-20-462-1130 County Duchesne

Lessee Koch Industries, Inc. Field Cedar Rim

Operator Koch Exploration Company District Salt Lake City

Well No. 6-A Subdivision SW SW

Location 1087' FSL & 1004' FWL

Drilling approved Aug 4, 1983 Well elevation 6181' GR feet

Drilling commenced \_\_\_\_\_, 19\_\_\_\_ Total depth \_\_\_\_\_ feet

Drilling ceased \_\_\_\_\_, 19\_\_\_\_ Initial production \_\_\_\_\_

Completed for production \_\_\_\_\_, 19\_\_\_\_ Gravity A. P. I. \_\_\_\_\_

Abandonment approved \_\_\_\_\_, 19\_\_\_\_ Initial R. P. \_\_\_\_\_

Geologic Formations		Productive Horizons		
Surface	Lowest tested	Name	Depths	Contents

Uintah \_\_\_\_\_

**WELL STATUS**

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.

REMARKS \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Koch Exploration Company  
Well No. 6-A  
Section 21, T. 3 S., R. 6 W.  
Duchesne County, Utah  
Lease 14-20-H62-1130

### Supplemental Stipulations

1. Operator employees, including subcontractors, will not carry firearms or other weapons that may be used to kill game animals.
2. Operator employees, including subcontractors, will be confined to established roads and well sites. The purpose of this is to prevent soil erosion, and to prevent harassment of game animals or livestock with off-road vehicles such as snowmobiles, motorcycles, 4-wheel drives, etc.
3. Operator employees, including subcontractors, will not gather fire wood along roads constructed by operators. It is the policy of the Ute Indian Tribe and the Bureau of Indian Affairs to require wood permits from the Forestry Section of B.I.A. for both Indians and non-Indians harvesting wood from the Uintah and Ouray Reservation.
4. Abandoned well sites, roads, or other disturbed areas will be restored to near their original condition. This procedure will include: (a) stockpiling the top soil, (b) establishing original ground contour, (c) re-establishing irrigation systems where applicable, (d) re-establishing top soil to the ground surface on disturbed areas, (e) re-establishing soil conditions in irrigated fields in such a way as to insure cultivation and harvesting of crops and (f) insuring revegetation of the disturbed areas to the specifications of the Ute Indian Tribe or the B.I.A. at the time of abandonment.
5. Production water will be disposed of at approved disposal pits or injection wells. The injection well or disposal pit used will be identified by legal description.
6. All roads constructed by operators on the Uintah and Ouray Indian Reservation will have appropriate signs. Signs will be neat and of sound construction. They will state: (a) that the land is owned by the Ute Indian Tribe, (b) the name of the operator, (c) that firearms are prohibited to all non-Ute Tribal members, (d) that permits must be obtained from the B.I.A. before cutting firewood or other timber products and (e) only authorized personnel permitted.
7. It is the policy of the B.I.A. and the Ute Indian Tribe to make right-of-ways available, without cost, to operators when both mineral rights and surface rights are owned by the Ute Indian Tribe. If the surface rights are owned by the Ute Indian Tribe and mineral rights are owned by another entity, the right-of-way will be approved and charges will be assessed for damages prior to the time the operator begins any construction activities. If the surface is owned by another entity and the mineral rights are owned by the Ute Indian Tribe, right-of-ways must be cleared with the other entity.

8. If water or fill materials are needed in constructing roads, well sites, or are used in the drilling process, proper permits are needed. Information for permits will include: (a) the approximate amount of water or materials needed, (b) location and ownership of the water rights or materials to be used and (c) the approximate amount of time the water or materials will be used.

9. When soils are disturbed and natural vegetation destroyed, it is a natural process for annual weeds to invade the site. Often noxious weeds will grow, especially along roadways where seeds can be carried from place to place in dust and mud collecting on motorized vehicles. The operator will submit a plan for controlling noxious weeds along right-of-ways for roads, pipelines, well sites or other applicable facilities. A list of noxious weeds can be obtained from the appropriate county.

10. Candy wrappers, beverage cans, construction materials, etc., will not be littered along roadways or other sites. The operator will initiate a procedure to keep the sites free from litter, and keep them groomed in a neat and professional condition.

11. A bench mark will be established near each well site in a location where it will not be destroyed. The bench mark will be set in concrete with a brass cap. The brass cap will show the well number and elevation to the nearest one-tenth of a foot. The cuts/fills for the well site will also show elevations in relation to the bench mark.

12. Obtain right-of-ways and permit from the BIA and Ute Tribe.

13. Adequate and sufficient electric/radioactive logs will be run to locate and identify the prime oil shale horizons in the Mahogany Zone of the Green River formation. Casing and cementing programs will be adjusted to eliminate any potential influence of the well bore or productive hydrocarbon zones on the oil shale resource. Surface casing program may require adjustment for protection of fresh water aquifers.

**KOCH**

EXPLORATION COMPANY

SEVENTEENTH STREET PLAZA  
1225 SEVENTEENTH STREET

SUITE 2540

DENVER, COLORADO 80202

TEL. 303-292-4311

SUBSIDIARY OF



RECEIVED

AUG 6 1984

DIVISION OF OIL  
GAS & MINING

July 20, 1984

State of Utah  
Natural Resources  
Oil, Gas & Mining  
4241 State Office Bldg.  
Salt Lake City, UT 84114

Re: API Number 43-013-30795  
Cedar Rim #6 A  
Section 21-T3S-R6W, USM  
Duchesne County, Utah

Gentlemen:

Our Application for Permit to Drill the above referenced well was approved by you on July 27, 1983.

The well has not been drilled and we request an extension of the APD. Your approval is greatly appreciated.

Yours very truly,

A handwritten signature in cursive script, appearing to read 'Robert D. Romek'.

Robert D. Romek  
Division Landman

RDR:cem

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 8/6/84  
BY: [Signature]

6 months extension is granted!

13

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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 subsidiary of Koch Industries, Inc.

3. ADDRESS OF OPERATOR  
 1225 17th St., Suite 2540, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface  
 1004' FWL & 1087' FSL (NE $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ ) Sec. 21-T3S-R6W  
 At proposed prod. zone  
 Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 11.7 Miles North West of Duchesne, Utah

10. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
 1004' FWL & 1087' FSL

16. NO. OF ACRES IN LEASE  
 560.00

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.  
 Approximately 3100'

19. PROPOSED DEPTH  
 9500'

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 6181' GR

22. APPROX. DATE WORK WILL START\*

5. LEASE DESIGNATION AND SERIAL NO.  
 14-20-462-1130

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
 Cedar Rim

9. WELL NO.  
 6-A

10. FIELD AND POOL, OR WILDCAT  
 Cedar Rim-Sink Draw

11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA  
 21-T3S-R6W, USM

12. COUNTY OR PARISH  
 Duchesne

13. STATE  
 Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See APD approved	8/4/83			

This APD is submitted to request an extension of the APD approved 8/4/83 for a period of one (1) year from 8/4/84.

RECEIVED

AUG 31 1984

DIVISION OF OIL  
GAS & MINING

AUG 1984  
U.S. DEPT. OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
Duchesne, Utah

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED: Robert D. Dened TITLE Division Landman DATE 8/21/84

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
 APPROVED BY: Don Alford TITLE ASSOCIATE DISTRICT MANAGER DATE 8-28-84  
 CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**KOCH** EXPLORATION COMPANY  
SEVENTEENTH STREET PLAZA SUITE 2540  
1225 SEVENTEENTH STREET DENVER, COLORADO 80202  
TEL. 303-292-4311

SUBSIDIARY OF  
  
**KOCH**  
INDUSTRIES, INC.

RECEIVED

SEP 12 1984

DIVISION OF OIL  
GAS & MINING

September 10, 1984

State of Utah  
Natural Resources  
Oil, Gas & Mining  
4241 State Office Bldg.  
Salt Lake City, UT 84114

Re: API Number 43-013-30795  
Cedar Rim #6 A  
Section 21-T3S-R6W, USM  
Duchesne County, Utah

Gentlemen:

Reference is made to our letter dated July 20, 1984, wherein we requested extension of our Application for Permit to Drill the above referenced well.

We have not received your approval and your early attention is appreciated.

Yours very truly,



Robert D. Romek  
Division Landman

RDR:cem

**KOCH** EXPLORATION COMPANY  
SEVENTEENTH STREET PLAZA SUITE 2540  
1225 SEVENTEENTH STREET DENVER, COLORADO 80202  
TEL. 303-292-4311

SUBSIDIARY OF  
**K**  
**KOCH**  
INDUSTRIES, INC.

April 23, 1985

RECEIVED

APR 26 1985

DIVISION OF OIL  
GAS & MINING

State of Utah  
Dept. of Natural Resources  
Board of Oil, Gas & Mining  
355 W. North Temple  
3 Triad Center, Ste. 350  
Salt Lake City, UT 84180

Re: Cedar Rim 6-A Well  
SW/4SW/4 Sec. 21-T3S-R6W, USM  
Duchesne County, Utah

Gentlemen:

Enclosed, in triplicate, is Koch's Application to Drill the Cedar Rim 6-A Well, which will be an infill well in Section 21-T3S-R6W, USM. Koch originally submitted this Application on July 21, 1983 and was approved for one year. We also received a six-month extension, which has expired.

Koch plans on drilling the captioned well this year and is, therefore, resubmitting the Application.

Your early consideration and approval is greatly appreciated.

Yours very truly,



Janet Kae Kruse  
Senior Landman

JKK:cem

Encl.

---

WE ARE RETURNING YOUR APD'S FOR THE ABOVE WELL BECAUSE THE ORIGINAL APPLICATION, AS FAR AS WE ARE CONCERNED, HAS NOT BEEN RESCINDED. IF YOU STILL HAVE A VALID APPROVED APPLICATION FROM THE BLM, THIS APPLICATION IS STILL IN FORCE. IF ANY QUESTIONS, PLEASE CONTACT ME.

Arlene Sollis,  
Administrative Analyst

**RECEIVED**

SEP 20 1985

3162.35  
U-820  
14-20-H62-1130

**DIVISION OF OIL  
GAS & MINING**

September 16, 1985

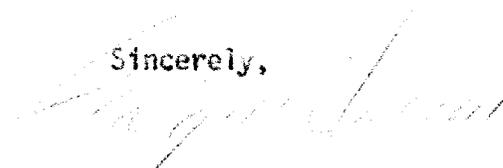
Koch Exploration Company  
1225 17th Street, Suite 2540  
Denver, Colorado 80202

RE: Rescinding Application for Permit to Drill  
Well No. Cedar Rim 6-A  
Section 21, T3S, R6W  
Duchesne County, Utah  
Lease No. 14-20-H62-1130

The Application for Permit to Drill the referenced well was approved on August 4, 1983. A request for a one (1) year extension to the APD, from 8/4/84 to 8/4/85, was submitted and approved. According to our records, no known activity has transpired at the approved location. In view of the foregoing, this office is rescinding the approval of the referenced application without prejudice. If you intend to drill at this location at a future date, a new Application for Permit to Drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for this drill site. Any surface disturbance associated with the approved location of this well is to be rehabilitated. A schedule for this rehabilitation must be submitted to this office. Your cooperation in this matter is appreciated.

Sincerely,

  
Craig M. Hansen  
ADM for Minerals

mh

bcc: ~~State Div. O G & M~~  
well file  
BIA  
U-922/943



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

October 9, 1985

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

Gentlemen:

Re: Well No. Cedar Rim 6-A - Sec. 21, T. 3S., R. 6W.,  
Duchesne County, Utah - API #43-013-30795

In concert with action taken by the Bureau of Land Management, September 16, 1985, approval to drill the above referenced well is hereby rescinded.

A new "Application for Permit to Drill" must be filed with this office, for approval, prior to future drilling of the subject location.

Sincerely,

John R. Baza  
Petroleum Engineer

pk  
cc: Dianne R. Nielson  
Ronald J. Firth  
File

0170S/52