

WATER PERMIT NO. 1627-1

Name of Applicant: Koch Exploration Company

Address: HC 67, Box 17, Buffalo SD 57720-9702

Phone: 605 375-3731

Amount of Water Claimed: 0.055 cfs (25 gpm)

Total Acres: NA

Source of Water Supply: groundwater

Depth of Well: 388 feet and 400 feet

Water to be used for: commercial

County: Harding

Type of Waste Disposal System:

Location: 8 miles north and 2 west of Buffalo

PRIORITY

Date Received: 8-4-94

Fee: \$50.00

Corrected Application Received: XX

Period of Annual Use: January 1 - December 31

Remarks: This application will increase the diversion rate authorized by Water Permit No. 1535-1 from 15 gpm to 40 gpm.

Diversion Point: NW 1/4 NE 1/4 Sec 11-T20N-R4E

Land to be Irrigated: NA

			⊗		
			//		

Reviewed and the Number Assigned on: 8-7-95

By: Karen Schlaak

Notice of Hearing - date to intervene: _____

**SOUTH DAKOTA
WATER PERMIT NO. 1627-1**

Date of first receipt of application August 4, 1995.

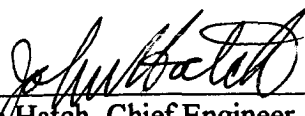
The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 1627-1 to Koch Exploration Company, HC 67, Box 17, Buffalo SD 57720-9702 authorizing the construction of the water use system and the placing of water to beneficial use subject to the following limitations, conditions and qualifications:

1. Water Permit No. 1627-1 appropriates 0.056 cubic feet of water per second (cfs) [25 gallons per minute] by increasing the diversion rate authorized by Water Permit No. 1535-1. Water Permit No. 1535-1 appropriates 0.033 cfs from two wells (Fox Hills Formation) 388 and 400 feet deep located in the NW 1/4 NE 1/4 Section 11-T20N-R4E. This permit increases the water appropriation from the two wells from 0.033 cfs to 0.089 cfs (40 gpm).
2. The water appropriated shall be used for the purpose of supplying water to the company and may not exceed the amount of water needed for beneficial use for commercial use purposes.
3. The water is to be used during the following described annual period: January 1 - December 31.
4. The date of approval of Permit No. 1627-1 is September 25, 1995.
5. The date from which applicant may claim right is August 4, 1995.
6. One-fifth of the construction is to be completed on or before March 25, 1998.
7. All construction is to be completed on or before September 25, 2000.
8. Water is to be put to beneficial use on or before September 25, 2004.
9. Water rights obtained in compliance with the laws of the State of South Dakota may not be unlawfully impaired by this appropriation.

QUALIFICATION

The wells approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.

WATER MANAGEMENT BOARD

By: 
John Hatch, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

DEC 18 1995

date



FORM 2: Application for uses other than irrigation

(type or print)



Mail to:
Water Rights Division
Joe Foss Building
523 E Capitol
Pierre SD 57501-3181
605 773-3352

No. 1627-1 Hydrologic Unit 10130302
Basin Grand River
Newspaper Nation's Center News, Box 107, Buffalo
(office use only)

Application For Permit To Appropriate Water Within The State Of South Dakota

Check use of water:

☐ Municipal ☐ Suburban Housing ☐ Recreational ☐ Institutional
☐ Rural Water System ☒ Commercial ☐ Fish & Wildlife ☐ Geothermal Heat
☐ Domestic ☐ Industrial ☐ Other _____
(over 18 gpm)

Type of Application: ☒ New ☐ Vested Right (Use predates Mar 2, 1955) ☐ Future Use Reservation
(check one) ☐ Place to Beneficial Use Water Reserved by Future Use Permit No. _____
☐ Amendment/Correction to Permit No. _____

Description of amendment/correction: (i.e. change diversion point(s), add diversion point(s), change use, etc.) _____
Add diversion rate to Water Permit No. 1535-1

- Name of Applicant Koch Exploration Company Phone (605) 375-3731
(check one) ☐ Owner ☐ Tenant/lessee
- Mailing Address HC 67, Box 17 Buffalo State SD 57720-9702
(Street, RR, or Box) (City) (Zip Code)
- Amount of water claimed 0.056 (add'l) *CFS or 25 **GPM ***AF
(*Cubic Feet per Second) (**Gallons per Minute) (***)Acre Feet - storage capacity of dam/dugout or annual use if applicable)
- Source of water supply Groundwater
- Location of point of diversion (example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W) (2 wells) NW1/4 NE1/4,
Sec. 11, T20N, R4E
County Harding
- County or counties where water will be used Harding
- Annual period during which water is to be used January 1 through December 31
- Give a description of the project. When available include any preliminary engineering report or other reports or information that will help explain the project. (Attach sheet if more space is needed)

One well for field office. One well for repair garage.
Water used for bathroom, drinking and miscellaneous uses.

Attachments: Attach Form 2A if diversion is from a well or dugout, or if storage of water is proposed. Attach map and any other technical information. (see instructions)

STATE OF SOUTH DAKOTA)

County of HARDING)^{SS}

I, MARK HERSCHLIP, the applicant, certify that I have read this application, have examined the attached map and that the matters stated are true and that I intend, and am able to complete the necessary construction.

Signed

Mark Herschlip

Subscribed and sworn to before me this 2 day of August 19 95

Pamela Davis

Notary Public

My Commission
Expires 3-7-2003

Supplemental Information

(type or print in ink)



1. Well Information - Proposed Construction

- Drill Hole Diameter 4 3/4" Depth 400'
- Casing Type N 80 Diameter 4 1/2" 00 Thickness _____
- Screen Type _____ Diameter _____ Thickness _____
- Gravel Pack Thickness 100' Length of Gravel Pack _____
- Depth to Top of Water Bearing Material 365'
- Depth to Water (ground surface to water level) _____
- Distance to nearest existing domestic well:
On applicants property X On property owned by others _____

2. Wastewater Disposal System Information

- Type of System (i.e. septic tank, drain field) _____
- System Capacity (gallons) _____ c) Year Constructed _____
- Connected to the City of _____ Sanitary System.

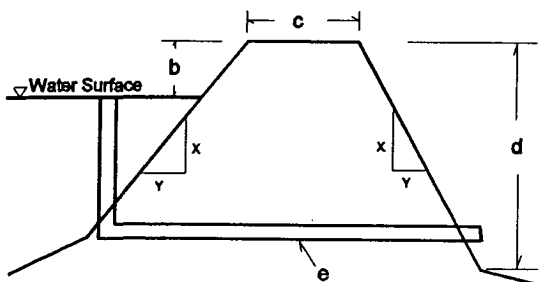
3. Dugout Information

- Surface Dimensions _____ Depth _____
- Depth to water (ground surface to water level) _____

4. Water Storage Dams

If the proposed water use system contains one or more storage dams, please furnish the information requested below for each dam. The locations of the dams need to be shown on the map submitted with the application.

- If a private engineering firm or government agency was involved in the design of this dam, please give their name and address:



- Freeboard _____
- Crest Width _____
Crest Length _____
- Height _____
- Primary Outlet Capacity _____
If pipe, diameter _____
- Secondary Spillway Capacity _____
Spillway Width _____
- X & Y Slope
Upstream _____
Downstream _____
- Surface Area of Impoundment _____
- Storage _____ Acre Feet
- Drainage Area Above Dam _____ Acres

RECEIPT

414573

Division of Water Rights

South Dakota Department of Environment and Natural Resources

Pierre, _____ August 4, 19 95

RECEIVED OF Koch Exploration Co, HC 67 Box 17, Buffalo, SD 57720-9702

the following amount in fees for services rendered as provided for by law:

Fee for Application for Permit No. <u>1627-1</u> to Appropriate Water, to construct and to put water to beneficial use _____	50	00
Fee for Application for Permit No. _____ to Appropriate Water, for Future Use _____		
Fee to retain Future Use Permit No. _____ after period of seven years.		
Fee for Inspecting Constructed Works, confirming beneficial use and issuing Water License No. _____		
Fee for Filing Transfer Form _____		
Fee for Filing Extension Request _____		
Fee for _____		

(Any Other Work Provided by Law)	Total	50 00

By John Hatch
Chief Engineer

Joe Webb

KOCH EXPLORATION COMPANY

PRODUCTION DEPARTMENT
WORKOVER RECORD

Page 1 of

District: South Dakota Date: 5/10/78

Lease: District Yard Well No.: Fresh Water Field Buffalo

Sec. 11 Twp. 20n Rge. 4e; County Harding State South Dakota

Operation Commenced: 5/5/78 Operation Completed: 5/10/78

Nature of Operation: Drlg & Case fresh water well for district yard

Producing formation and interval before this operation; none

Producing Zone (s) after Operation : P.B.T.D. After recompletion 400' Ft. (mark out P.B. if not applicable)

Formation	Interval	Natural Test	Treatment	Final Test
Fox Hills	365 to 396	25 GPM w/air comp	-0-	15 GPM on pump



Details of operation; all plugs, perforations, cementing, treatments, tests, logs, etc., in chronological order.

Drlg 4 3/4 hole from surface to 400' GL. Encounter Fox Hill Sand @365'GL
Ream out 4 3/4 hole to 7 7/8. Run 21 jts. (404.34) 4 1/2 OD 11.6# N80 New
casing (cut-offs). Test well @ 25 GPM W/Air compressor. Run 3/4 HP sub-
mersible pump on 1" power oil tubing & set @ 252'GL. Test & Clean up for
72 hrs @ 15 GPM rate. Well was graveled packed from 400' up to 300' w/sand
& cemented from 300' up to 160' w/20 sax Common cement. 2 sx cap @ surface.
Wire & connect to mtr. line & shop.

Casing	Tubing
4 1/2 OD N80 LT&C 11.6# New Casing (cut-off's)	1" Intergal JT J55 Tubing
17.30	31.42
20.73	31.50
21.77	31.54
18.11	31.48
21.77	31.56
16.88	31.50
20.06	31.48
21.05	31.52
21.02	252.00
21.03	
23.05	
10.68	
20.26	
18.86	
18.80	
18.83	
15.65	
23.00	
23.70	
15.00	
15.00	
60	
404.34	

Joe Webb



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3181

July 17, 1995

Mark Hershlip
Koch Exploration Company
HC 67, Box 17
Buffalo, SD 57720-9702

Dear Mr. Hershlip:

As we discussed this morning over the phone, I have sent you application forms to file the additional diversion rate. Water Permit Application No. 1535-1 authorizes Koch Exploration Company a diversion rate of 15 gallons per minute for both old and the new well. The inspection I conducted from the wells on June 20, 1995, and the information I received from Mr. Tim Glines show that the pumps are capable of pumping 40 gallons per minute, which is 25 gallons per minute greater than what is authorized by the permit. Enclosed please find partially completed application forms. Please review them for accuracy, sign and notarize them, and return them to the Water Rights Program with the filing fee. The filing fee, according to the enclosed instruction sheet is \$50.00.

I have also enclosed Form 2A to be completed for the old well. If you can locate one, please submit a well completion report for the old well. Form 2A and the well completion report for the new well are already on file. You also do not need to submit a new map, since I have prepared an updated one.

If you have any questions, please do not hesitate to contact me.

Sincerely,

M. Rassool Ahadi
Natural Resources Engineer
Phone: (605) 773-3352

REPORT ON WATER PERMIT APPLICATION NO. 1627-1
for Koch Exploration Company
August 17, 1995

Application No. 1627-1 proposes to appropriate 0.056 cfs (25 gallons per minute) by increasing the diversion rate authorized by Water Permit No. 1535-1. Water Permit No. 1535-1 appropriates 0.033 cfs from two wells, 388 and 400 feet deep located in the NW 1/4 NE 1/4 of section 11, T20N R4E in Harding County. This application increases the total water appropriation from 0.033 cfs to 0.089 cfs from the two wells. The water is used in the field office and for the repair garage for commercial and domestic purposes.

AQUIFER - FOX HILLS FORMATION (FXHL)

The Fox Hills consists of a light buff to yellow, cross bedded, fine to medium grained sand and sandstone and buff to gray sandy and silty clays with intercolated sand streaks in the lower part. The formation is approximately 100 feet thick in this area and conformably overlies the Pierre Shale and unconformably underlies the Hell Creek Formation (Curtiss, 1956). The Fox Hills underlies 1.64 million acres and contains an estimated 12.3 acre feet of recoverable water in Harding County (Allen, 1984). The Fox Hills is under confined or artesian conditions at this site. The driller's log submitted application No. 1535-1 indicates the top of the aquifer was at 352 feet and extended to a depth of 388 feet below land surface. This well had a static water level of 82 feet below land surface and was capable of producing 27 gpm.

The Water Rights Program does monitor an observation well HR-86D located about 12 miles southeast of this application and completed into the Fox Hills Formation. Water levels for this well do not fluctuate much. A hydrograph of this well is included with this report (Water Rights, 1995).

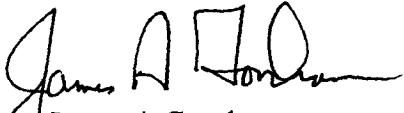
REVIEW OF EXISTING WATER PERMITS/RIGHTS

There are no other existing water permits/rights other than Water Permit No. 1535-1 in this area. This application is simply a request for additional water from the existing wells. Interference is not a concern. Drawdown will occur but is not expected to adversely affect the availability of water from the Fox Hills Formation.

CONCLUSIONS

1. Water is available from the Fox Hills Formation.
2. The aquifer is confined and under artesian conditions. Drawdown will result from pumping but the rates are relatively small and the magnitude would not be significant. Interference is not a concern.

3. The information available indicates that the new well (1991) and the old well (1978) were grouted and appear to be constructed in accordance with SD Well Construction Standards.



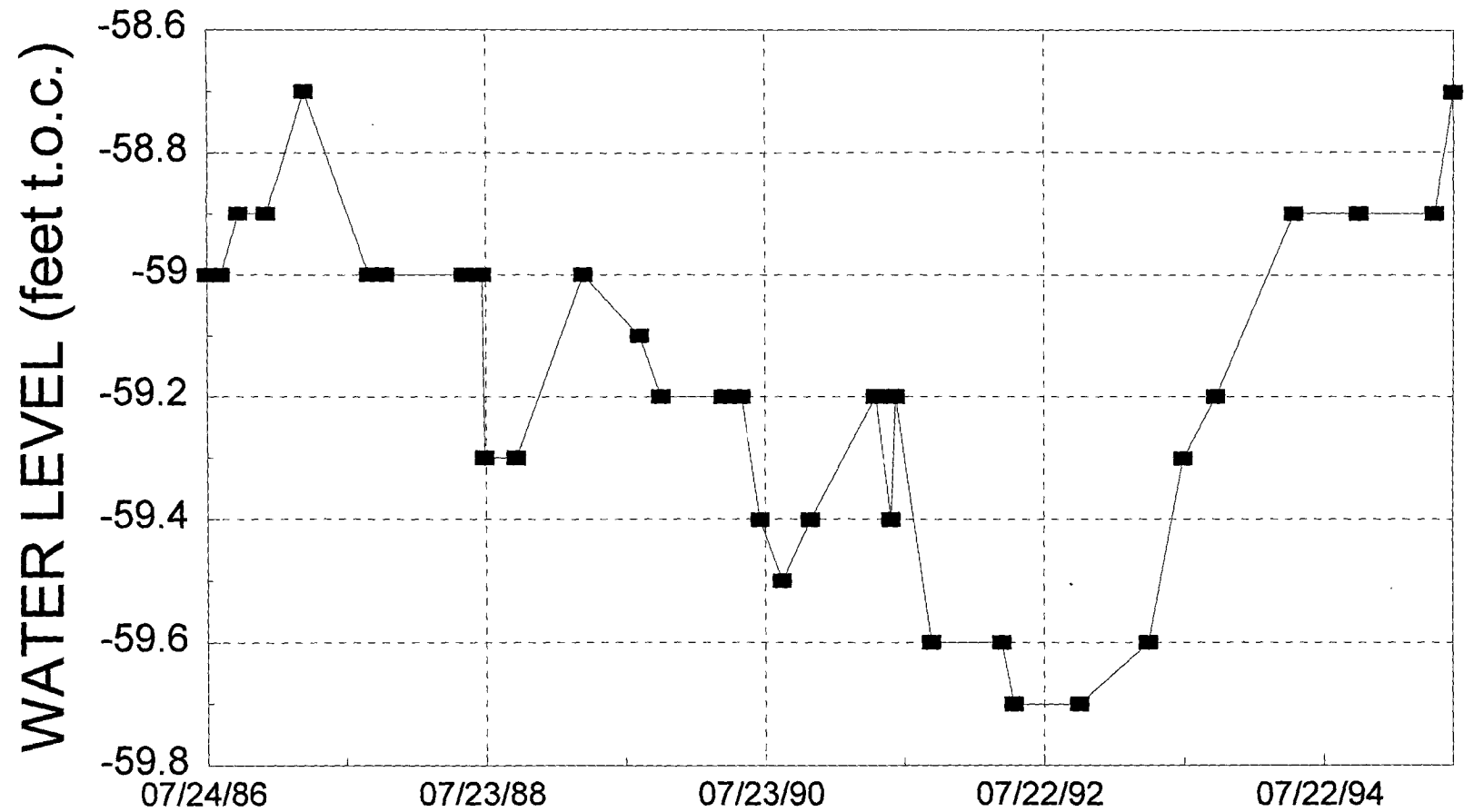
James A Goodman
Natural Resources Engineer

BIBLIOGRAPHY

- Allen, J.C., D.L., Iles, A.K. Petres, 1984, Analysis of Groundwater and Streamflow Data Western Dakotas Region of South Dakota, for US Army Corps of Engineers, SD DENR, SDGS, Vermillion, SD, 57069.
- Curtiss, R.E., 1956, Areal Geology of the Murchison Quadrangle, SD DENR, SDGS, Vermillion, SD, 57069.
- Water Rights, 1995, Unpublished Observation Well Data for Harding County, SD DENR, Division of Environmental Services, Water Rights Program, Pierre, SD, 57501.

WATER RIGHTS OBSERVATION WELL

HR-86D



**RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 1627-1, Koch Exploration Company**

Pursuant to SDCL 46-2A-2, the following is the recommendation of the Chief Engineer, Water Rights Program, Department of Environment and Natural Resources concerning Water Permit Application No. 1627-1, Koch Exploration Company, c/o Mark Herschlip, HC 67 Box 17, Buffalo, SD 57720-9702

The Chief Engineer is recommending APPROVAL of Application No. 1627-1 because 1) there is reasonable probability that there is unappropriated water available for the applicant's proposed use, 2) the proposed diversion can be developed without unlawful impairment of existing rights, 3) the proposed use is a beneficial use and 4) in the public interest with the following qualification:

The wells approved under this Permit will be located near domestic wells and other wells which may obtain water from the same aquifer. The well owner under this Permit shall control his withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.

See report on application for additional information.



JOHN HATCH, Chief Engineer
August 29, 1995



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3181

NOTE: TO BE SURE OF PUBLICATION ON
THE CORRECT DATES, CONTACT
THE NEWSPAPER RIGHT AWAY.

August 31, 1995

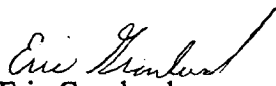
Mark Herschlip
Koch Exploration Company
HC 67 Box 17
Buffalo, SD 57720-9702

Dear Mr. Herschlip:

Water Permit Application No. 1627-1 for commercial use has been examined and found to comply with the South Dakota Water Laws and applicable rules. A notice of hearing has been sent to the Publisher of the Nations Center News printed at Buffalo, SD (Ph # 605-375-3228). For your information, a copy of the notice, the recommendation of the Chief Engineer and a report on the application are enclosed. Please review the notice prior to publication and notify this office, if you have any corrections or questions.

Be sure to contact the above newspaper to authorize publication of your Notice of Hearing and to arrange for payment. Early contact with the paper can eliminate delays. The publisher has been instructed to publish your notice once each week for two consecutive weeks with the last publication to occur twenty days before the board meeting. The newspaper has been instructed to send us the Proof of Publication. We must receive Proof of Publication before action can be taken on the application.

Sincerely,


Eric Gronlund
Natural Resources Engineer
605 773-3352

enclosures

NOTE: If you plan to contest any part of the Chief Engineer's recommendation, you must file a petition pursuant to the procedures outlined in the attached notice of hearing. The Water Management Board will then consider your concerns during a hearing on the application.



August 31, 1995

Nations Center News
Box 107
Buffalo, SD 57720-0107

ATTENTION: Legal Department

Enclosed is a Notice of Hearing on Application No. 1627-1 to be published twice. Please publish the first notice on September 6, 1995, with the second publication 7 days later.

The APPLICANT MUST VERIFY TO YOU THAT THE NOTICE IS TO BE PUBLISHED, before you make the first publication. Please BILL the APPLICANT for the cost of publication. The APPLICANT is Koch Exploration Company, c/o Mark Herschlip, HC 67 Box 17, Buffalo, SD 57720-9702 (Ph # 605-375-3731).

A copy of BOTH publications must be SENT to the WATER RIGHTS PROGRAM. IMMEDIATELY return the FIRST publication with the FIRST Transmittal form on the bottom of this page. The first copy is needed to check the publication for errors so any corrections can be made in the second publication. Publication errors can invalidate the public notice and cause the applicant costly delays.

Please be sure the SECOND publication is returned IMMEDIATELY with the enclosed Proof of Publication form. DO NOT WAIT until the end of the month or the billing cycle. No action may be taken on the permit application until proof of publication has been received.

Sincerely,


Eric Gronlund

Natural Resources Engineer
605 773-3352

enclosures

-----CUT HERE-----

FIRST TRANSMITTAL NOTICE

TO: Eric Gronlund
Water Rights Program
Joe Foss Building
Pierre SD 57501-3181

No. _____

Date _____

We are in receipt of your letter of _____ enclosing Notice of Hearing to Appropriate Water by Application No. _____ which was first published in our issue of _____. ENCLOSED IS A COPY OF THIS FIRST PUBLICATION.

Name

Newspaper

Instruction to Newspaper - Publish first Notice on September 6, 1995, with the second publication 7 days later. The applicant is responsible for payment.

NOTICE OF APPLICATION NO. 1627-1 to Appropriate Water
and to Amend Water Permit No. 1535-1

Notice is given that Koch Exploration Company, HC 67 Box 17, Buffalo, SD 57720-9702 has filed an application for a water permit to appropriate 0.056 cubic feet of water per second (cfs) [25 gallons per minute] by increasing the diversion rate authorized by Water Permit No. 1535-1. Water Permit No. 1535-1 appropriates 0.033 cfs from two wells (Fox Hills Formation) 388 and 400 feet deep located in the NW 1/4 NE 1/4 Section 11-T20N-R4E. This permit increases the water appropriation from the two wells from 0.033 cfs to 0.089 cfs (40 gpm).

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 1627-1 because 1) unappropriated water is available, 2) existing rights will not be unlawfully impaired, 3) it is a beneficial use of water, and 4) it is in the public interest. In accordance with SDCL 46-2A-23, the chief engineer will act on the application, as recommended, unless a petition is filed opposing the application or the applicant files a petition contesting the chief engineer's recommendation. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled and the Water Management Board will consider the application. Notice of the hearing will be given to the applicant and any person filing a petition.

Any person interested in opposing or supporting this application or recommendation must file a written petition with BOTH the applicant and chief engineer. The applicant must file a petition if contesting the chief engineer's recommendation. The Chief Engineer's address is "Water Rights Program, Foss Building, 523 E Capitol, Pierre SD 57501 (605 773-3352)" and the applicant's mailing address is given above. A petition filed by either an interested person or the applicant must be filed by September 25, 1995.

The petition may be informal, but must include a statement describing the petitioner's interest in the application, the petitioner's reasons for opposing or supporting the application, and the signature and mailing address of the petitioner or the petitioner's legal counsel, if legal counsel is obtained. Contact Eric Gronlund at the above Water Rights Program address to request copies of information pertaining to this application. Nettie H. Myers, Secretary, Department of Environment and Natural Resources.

**PROOF OF PUBLICATION**

STATE OF SOUTH DAKOTA)
) SS
 County of Harding)

I, Linda Stephens

certify that the attached printed Notice was

taken from the Nation's Center

News

printed and published in Harding

County of Buffalo and State of

South Dakota. The notice was published in
 the newspaper on the following two dates:

September 6, 1995

September 13, 1995

Cost of Printing: 39.44

L. Verne E. Helms
 (Signature)

Bus. Mgr.
 (Title)

9-7-95

(Date Signed)

Any person interested in opposing or supporting this application or recommendation must file a written petition with BOTH the applicant and chief engineer. The applicant must file a petition if contesting the chief engineer's recommendation. The Chief Engineer's address is "Water Rights Program, Foss Building, 523 E Capitol, Pierre, SD 57501 (605-773-3352)" and the applicant's mailing address is given above. A petition filed by either an interested person or the applicant must be filed by September 25, 1995.

The petition may be informal, but must include a statement describing the petitioner's interest in the application, the petitioner's reasons for opposing or supporting the application, and the signature and mailing address of the petitioner or the petitioner's legal counsel, if legal counsel is obtained. Contact Eric Gronlund at the above Water Rights Program address to request copies of information pertaining to this application. Nettie H. Myers, Secretary, Department of Environment and Natural Resources.

9-6, 13

**DEPARTMENT OF
 ENVIRONMENT AND
 NATURAL RESOURCES
 JOE FOSS BUILDING
 523 EAST CAPITOL
 PIERRE, SD 57501-3181
 NOTICE OF APPLICATION
 NO. 1627-1**

**To Appropriate Water and to
 Amend**

Water Permit No. 1535-1

Notice is given that Koch Exploration Company, HC 67 Box 17, Buffalo, SD 57720-9702 has filed an application for a water permit to appropriate 0.056 cubic feet of water per second (cfs) (25 gallons per minute) by increasing the diversion rate authorized by Water Permit No. 1535-1. Water Permit No. 1535-1 appropriates 0.033 cfs from two wells (Fox Hills Formation) 388 and 400 feet deep located in the NW 1/4 NE 1/4 Section 11 - T20N - R4E. This permit increases the water appropriation from the two wells from 0.033 cfs to 0.089 cfs (40 grpm).

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 1627-1 because 1) unappropriated water is available, 2) existing rights will not be unlawfully impaired, 3) it is a beneficial use of water, and 4) it is in the public interest. In accordance with SDCL 46-2A-23, the chief engineer will act on the application, as recommended, unless a petition is filed opposing the application or the applicant files a petition contesting the chief engineer's recommendation. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled and the Water Management Board will consider the application. Notice of the hearing will be given to the applicant and any person filing a petition.



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3181

DEC 18 1995

Mark Herschlip
Koch Exploration Company
HC 67 Box 17
Buffalo, SD 57720-9702

Dear Mr. Herschlip:

Enclosed is Water Permit No. 1627-1 authorizing construction of your water diversion system and beneficial use of the water, not exceeding the limits as specified in the Water Permit.

Also enclosed is Form 10, Notice of Completion of Works and Application of Water to Beneficial Use, which you are to complete and submit to the Chief Engineer when you have completed the system and/or have put the water to beneficial use. An inspection can then be scheduled so that the Water License may be issued, thus completing your acquisition of a Water Right.

Very truly yours,

JOHN HATCH, Chief Engineer
Water Rights Program
605 773-3352

enclosures

PLEASE NOTE: Certain changes can be made in your permit within the five year construction period, usually without affecting the priority date provided an application to amend your permit is made within the five year period - i.e. changes in location or number of diversion points (wells) or location of land to be irrigated. Well locations for wells into the same aquifer can be moved up to 660 feet without application.

Applications to amend a permit after the five year construction period will be assigned a new priority date. Applications to change water sources, to add lands or increase original diversion rates, if approved will usually receive the date of the new application as a priority date regardless of the five year construction period.



NOTICE OF COMPLETION OF WORKS AND APPLICATION OF WATER TO BENEFICIAL USE

Date 1-15-96

TO: Water Rights Division, DENR
523 E. Capitol
Pierre, SD 57501-3181

FROM: Continental Resources Inc.
(Koch Exploration) HC 67 Box 17
(name) (address)
Buffalo SD 57720 605-375-3731
(city) (state) (zip) (phone)

I have completed the construction of the water diversion system and I have put the water to beneficial use to the maximum extent it is going to be used. I have not exceeded the amounts specified in Water Permit No. 1627-1.

Water Permit No. 1535-1 states that the diversion system is to be constructed by April 28, 1997, and that the water is put to beneficial use by April 28, 2001.
(date) (date)

The diversion system was completed on August 4, 1995.
(date)

Applying the water to beneficial use was completed on August 4, 1995.
(date)

You may schedule an inspection so that the Water License may be issued.

Ronald Heffler
(signature)

Dewell, Amanda

From: Dewell, Amanda
Sent: Friday, August 30, 2024 11:09 AM
To: Daniel Chester
Cc: Chad Welch
Subject: RE: [EXT] SBRRU Hydrostatic Testing
Attachments: 3489.pdf

Dan & Chad –

Please find attached Temporary Permit No. 3489 authorizing the use of groundwater from the Fox Hill Formation for hydrostatic testing purposes.

With Continental Resources Inc being the holder of Water Right No. 1535-1, this temporary permit is in all likelihood not necessary, however, with Permit No. 1627-1 still being in the name of another company, we're issuing it out of precaution.

[1535-1](#) presently held by Continental Resources Inc. authorizes the diversion of 0.033 cfs (15 GPM) from two wells completed into the Fox Hills Formation for "commercial purposes".

[1627-1](#) increases the diversion authority of 1535-1 by an additional 0.056 cfs (25 GPM).

While ownership of Water Right No. 1535-1 was transferred to Continental Resources Inc in 2006, Permit No. 1627-1 remains in the name of Koch Exploration Co.

1. Was the additional 0.056 cfs developed? If it was, the two wells should have a combined production ability of 40 GPM.
2. If the additional diversion rate was developed, a [Notice of Transfer of Ownership](#) needs to be filed for Permit No. 1627-1
3. If the additional diversion rate was not developed, the Water Rights Program would pursue cancellation of Permit No. 1627-1 due to non-construction.

Please review the above information and get back to me at your earliest convenience & have a great long weekend!

Amanda Dewell
DANR - Water Rights Program
Permitting Administrator
Main Phone: 605 773-3352
Website: danr.sd.gov



From: Daniel Chester <Daniel.Chester@clr.com>
Sent: Friday, August 30, 2024 9:44 AM
To: Dewell, Amanda <Amanda.Dewell@state.sd.us>
Cc: Chad Welch <Chad.Welch@clr.com>
Subject: RE: [EXT] SBRRU Hydrostatic Testing

Amanda,