

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ELECTRIC LOGS FILE X WATER SANDS LOCATION INSPECTED SUB. REPORT/abd.  
*Location Abandoned - Well never drilled 3-28-83*

DATE FILED 2-18-81  
 LAND: FEE & PATENTED FEE STATE LEASE NO. PUBLIC LEASE NO. INDIAN

DRILLING APPROVED: 3-2-81  
 SPUDDED IN:  
 COMPLETED: PUT TO PRODUCING:

INITIAL PRODUCTION:  
 GRAVITY A.P.I.

GOR:  
 PRODUCING ZONES:  
 TOTAL DEPTH:

WELL ELEVATION:  
 DATE ABANDONED: LA 3-28-83  
 FIELD: Wildcat 3/86  
 UNIT:

COUNTY: Davis  
 WELL NO. Antelope Island #9-17 API NO. 43-011-30003

LOCATION Surface: 2493 FT. FROM (N) X LINE. 320 FT. FROM (E) X LINE. SE NW 1/4 - 1/4 SEC. 17  
Bottom Hole: 1980 FSL 660 FEL NE SE

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
<u>3N</u>	<u>3W</u>	<u>17</u>	<u>ANSCHUTZ CORPORATION</u>				

3N 3W 17 ANSCHUTZ CORPORATION



2400 ANACONDA TOWER  
555 SEVENTEENTH STREET  
DENVER, COLORADO 80202  
TELEPHONE 303-825-6100  
TWX 910-931-2620

RECEIVED  
FEB 16 1981

DIVISION OF  
OIL, GAS & MINING

February 16, 1981

Mr. Cleon B. Feight  
Division of Oil Gas & Mining  
1588 West North Temple  
Salt Lake City, Utah

re: Antelope Island Prospect  
Antelope Island No. 9-17  
BHL NESE Sec 17 T3N R3W  
Davis County, Utah

Dear Jack,

Enclosed please find our application to drill and survey plats submitted in triplicate for the above referenced location. Please feel free to call me if there are any questions in this matter.

Sincerely,

Peter B. Doty  
Operations Coordinator

PBD/rtz  
enclosures

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

SUBMIT IN TRIPLICATE\*  
(Other instructions on  
reverse side)

8

5. Lease Designation and Serial No.

FEE

6. If Indian, Allottee or Tribe Name

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

The Anschutz Corporation

3. Address of Operator

555 17th Street Suite 2400 Denver, Colorado 80202

4. Location of Well (Report location clearly and in accordance with any State requirements.)\*

At surface 2493' FNL & 320' FEL (SENE)

At proposed prod. zone

BHL  
1980' FSL & 660' FEL (CNESE)

14. Distance in miles and direction from nearest town or post office\*

16.6 Miles SW of Syracuse, Utah

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)

320'

16. No. of acres in lease

640 L. GAS & MINING

17. No. of acres assigned to this well

80

18. Distance from proposed location\* to nearest well, drilling, completed, or applied for, on this lease, ft.

none

19. Proposed depth

20,000

20. Rotary or cable tools

Rotary

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

4517 GR ungraded

4531 KB est

22. Approx. date work will start\*

2-20-81

23.

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
36	30	1/2" wall	200	Redimix to surface
26	20	133 #	4000.	1500 sx
17 1/2	13 3/8-13 5/8	72# & 88#	11,000	3000 sx
12 1/4	9 5/8-9 7/8	53.5# & 62.8#	16,000	4000sx
8 1/2	7	26 #	15,000-20,000	1000sx

We propose to drill this well to a total depth of 20,000' to test sub-thrust lower Paleozoic formations. MUD and BOP programs will be those generally used in the Overthrust for deep formation tests. Electric logs will be run to T.D. (DIL-GR, BHC-SONIC, FDC-CNL, DIP). Some cores are planned and will be determined by the wellsite geologist. DSTs will be run as warranted. If production is obtained casing will be run through the productive interval & selectively perforated. Fracing or Acidizing may be required to stimulate production. Blanket bond is on file. Survey plats are attached. Please note that the well bore is expected to drift to the SSW and therefore the bottom hole location is considerably different from the surface location. Also all acreage within 660 feet is owned or controlled by The Anschutz Corporation

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: Peter B. Doty

Title: Operations Coordinator

Date: 2/16/81

(This space for Federal or State office use)

Permit No. ....

Approval Date .....

Approved by .....

Title .....

Date .....

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING

DATE: 3/2/81

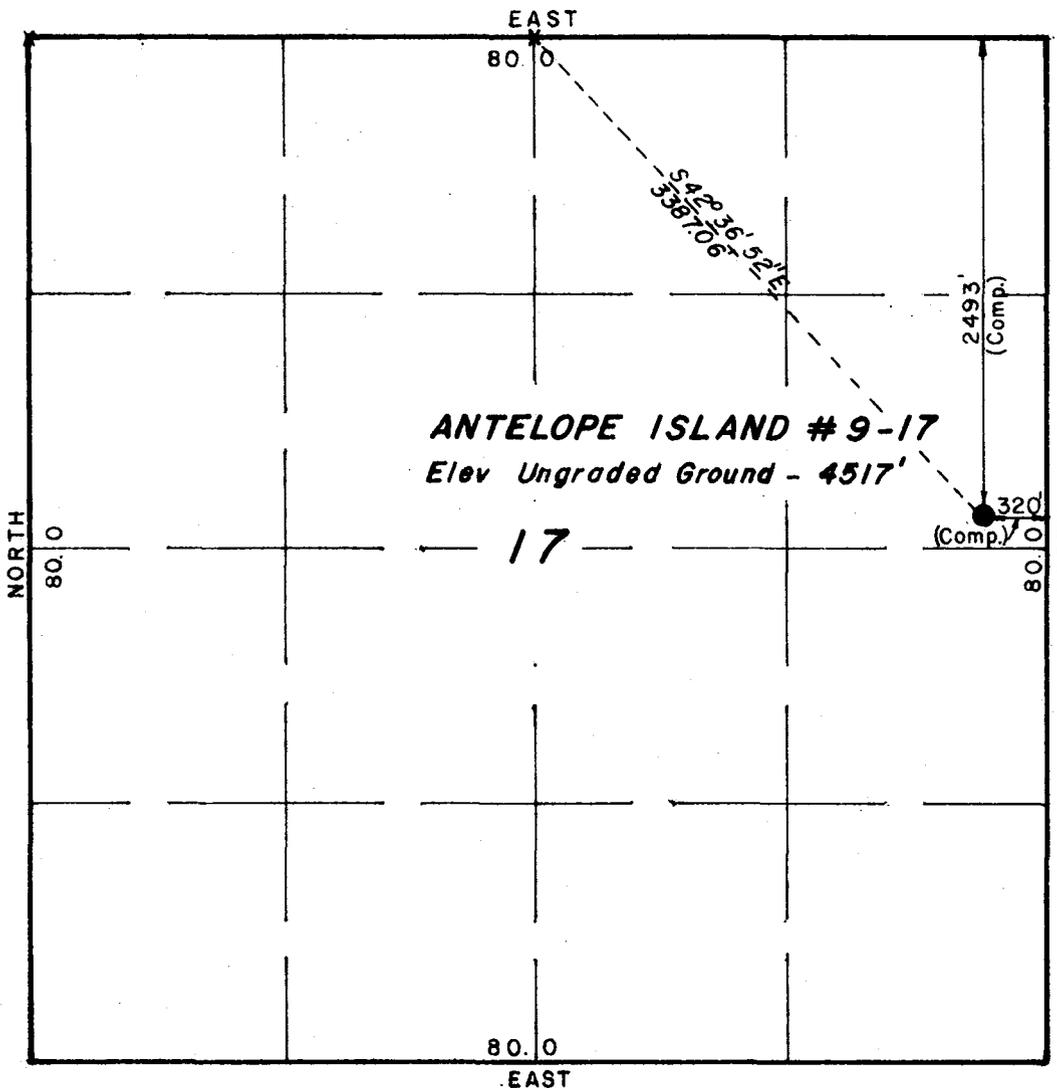
BY: [Signature]

\*See Instructions On Reverse Side

T3N, R3W, S.L.B.&M.

PROJECT  
**ANSCHUTZ CORPORATION**

Well location, ANTELOPE ISLAND # 9-17,  
 located as shown in the SE 1/4 NE 1/4  
 Section 17, T3N, R3W, S.L.B.& M.  
 Davis County, Utah



**ANTELOPE ISLAND # 9-17**  
 Elev Ungraded Ground - 4517'

17

320  
 (Comp)

2493'  
 (Comp)



CERTIFICATE

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

*Lawrence L. Kay*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO 3137  
 STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**  
 P.O. BOX Q - 85 SOUTH - 200 EAST  
 VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 2/2/81
PARTY DA DK RDR	REFERENCES GLO PLAT
WEATHER WINDY/ COLD	FILE ANSCHUTZ CORPORATION

X = Section Corners Located

\*\* FILE NOTATIONS \*\*

DATE: Feb. 23, 1981  
OPERATOR: The Anschutz Corporation  
WELL NO: Antelope Island 9-17  
Location: Sec. 17 T. 3N R. 3W County: Davis

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

API Number 43-011-30003

CHECKED BY:

Petroleum Engineer: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Director: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

*as per Agency* Administrative Aide: C-3 spacing - ok on boundaries at 'BHL' -  
ok on any of wells

APPROVAL LETTER:

Bond Required:  Survey Plat Required:   
Order No. \_\_\_\_\_ O.K. Rule C-3   
Rule C-3(c), Topographic Exception - company owns or controls acreage  
within a 660' radius of proposed site   
Lease Designation Free Plotted on Map   
Approval Letter Written   
Hot Line  P.I.

March 4, 1981

The Anschutz Corporation  
555 17th Street, Suite 2400  
Denver, Colorado 80202

Re: Well No. Antelope Island 9-17  
Sec. 17, T. 3N, R. 3W, SE NE,  
Davis County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

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

MICHAEL T. MINDER - Petroleum Engineer  
Office: 533-5771  
Home: 876-3001

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 43-011-30003.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

Michael T. Minder  
Petroleum Engineer

MTM/ko  
cc:



STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

December 16, 1981

Anschutz Corporation  
555 17th Street, Suite 2400  
Denver, Colorado 80202

Re: See attached

Gentlemen:

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

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

A handwritten signature in cursive script that reads "Cari Furse".

CARI FURSE  
CLERK TYPIST

Well No. Antelope Island # 9-17  
Sec. 17, T. 3N, R. 3W  
DAVIS COUNTY, UTAH

Well No. Anschutz Ranch East 6-20U  
Sec. 20, T. 4N, R. 8E  
Summit County, Utah

Well No. Anschutz Ranch East 8-30U  
Sec. 30, T. 4N, R. 8E  
Summit County, Utah

Well No. Anschutz Ranch East 16-30U  
Sec. 30, T. 4N, R. 8E  
Summit County, Utah



STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

March 2, 1982

Anschutz Corporation  
555 17th Str. Ste 2400  
Denver, Colorado 80202

Re: Well No. Antelope Island 9-17  
Sec. 17, T. 3N, R. 3W  
Davis County, Utah

Well No. Anschutz Ranch East 8-30U  
Sec. 30, T. 4N, R. 8E  
Summit County, Utah

SECOND NOTICE ON BOTH ABOVE WELLS.

Gentlemen:

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

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If we do not hear from your company within fifteen (15) days, we will assume you do not intend to drill these wells, and action will be taken to terminate the application. If you plan to drill this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

Cari Furse  
Clerk Typist

Board/Charles R. Henderson, Chairman • John L. Bell • E. Steele McIntyre • Edward T. Beck  
Robert R. Norman • Margaret R. Bird • Herm Olsen



2400 ANACONDA TOWER · 555 SEVENTEENTH STREET · DENVER, COLORADO 80202 · 303-825-6100 · TWX 910-931-2620

March 10, 1982

State of Utah  
Natural Resources and Energy  
4241 State Office Building  
Salt Lake City, UT 84114

Gentlemen:

In regards to the Antelope Island 9-17 well in Section 17, T3N, R3W, Davis County, Utah; this well has been deferred from our drilling program at this time. We will notify you immediately when we intend to drill this well. Thank you.

Sincerely

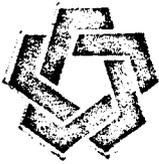
Mark Buckland  
Assistant Drilling Engineer

MB/jb

**RECEIVED**

MAR 17 1982

**DIVISION OF  
OIL, GAS & MINING**



STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

September 13, 1982

Anschutz Corporation  
2400 Anaconda Tower  
555 Seventeenth Street  
Denver, Colorado 80202

Re: Well No. Antelope Island #9-17  
Sec. 17, T. 3N, R. 3W.  
Duchesne County, Utah

Gentlemen:

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

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill these locations at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

*Cari Furse*

Cari Furse  
Clerk Typist



2400 ANACONDA TOWER  
555 SEVENTEENTH STREET  
DENVER, COLORADO 80202  
TELEPHONE 303-825-6100  
TWX 910-931-2620

September 29, 1982

State of Utah  
Natural Resources and Energy  
4241 State Office Building  
Salt Lake City, Utah 84114

Attention: Cari Furse

Dear Ms. Furse:

In regards to the Antelope Island #9-17 in section 17; T3N R3W,  
Duchesne County, Utah, we do not intend to drill this well at this time  
and we will inform you of our intent to drill and the spud date of  
this well when it is considered for drilling.

Sincerely yours,

Mark Buckland  
Jr. Drilling Engineer

MB/ahs



STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

March 21, 1983

Anschutz Corporation  
2400 Anaconda Tower  
555 17th Street  
Denver, Colorado 80202  
Att: Mark Buckland

Re: Well No. Antelope Island # 9-17  
Sec. 17, T. 3N, R. 3W.  
Davis County, Utah

Gentlemen:

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

This office has not received any notification of spudding. If you do not intend to drill this well, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill this location at a later date, please notify as such.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a firm second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

DIVISION OF OIL, GAS AND MINING

A handwritten signature in cursive script that reads "Cari Furse".

Cari Furse  
Well Records Specialist

CF/cf



2400 ANACONDA TOWER  
555 SEVENTEENTH STREET  
DENVER, COLORADO 80202  
TELEPHONE 303-825-6100  
TWX 910-931-2620

March 28, 1983

State of Utah  
Natural Resources and Energy  
4241 State Office Building  
Salt Lake City, Utah 84114

Gentlemen:

The Antelope Island 9-17 well in section 17, T3N, R3W in Davis County, Utah has been deferred from our drilling program at this time. We will notify you immediately when we intend to drill this well.

Thank you.

Sincerely,

*Mark L. Buckland*

Mark Buckland  
Jr. Drilling Engineer

MB:as

**RECEIVED**  
APR 01 1983

**DIVISION OF  
OIL, GAS & MINING**



**WILLIAM J. (BILL) MILLER**  
**PRESIDENT**

555 SEVENTEENTH STREET  
SUITE 2400  
DENVER, COLORADO 80202

MAIN 303.298.1000  
DIRECT 303.299.1330  
FAX 303.299.1518  
CELL 303.885.5122  
RESIDENTIAL 303.797.8071  
EMAIL [bill.miller@aec-denver.com](mailto:bill.miller@aec-denver.com)



**HAL B. KOERNER, JR.**  
VICE PRESIDENT

555 SEVENTEENTH STREET  
SUITE 2400  
DENVER, COLORADO 80202

DIRECT: (303) 299-1269  
FAX: (303) 299-1518  
CELL: (303) 885-5026  
[hal.koerner@aec-denver.com](mailto:hal.koerner@aec-denver.com)



**PAMELA S. KALSTROM**  
LAND MANAGER, CPL-ESA

555 Seventeenth Street  
Suite 2505  
Denver, CO 80202

**DIRECT 303 299 1219**

**MAIN 303 299 1400**

**FAX 303 299 1518**

**Pam@ansbropetroleum.com**



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF PARKS AND RECREATION

## **JAY CHRISTIANSON**

Region Manager

Northwest Region

1084 North Redwood Road

Salt Lake City, Utah 84116-1555

(801) 533-5126 telephone • (801) 231-2900 cellular

(800) 612-8481 pager • (801) 533-4229 fax

[jaychristianson@utah.gov](mailto:jaychristianson@utah.gov) • [www.stateparks.utah.gov](http://www.stateparks.utah.gov)

*Utah!*

*Where ideas connect™*



**MARGOT K. TIMBEL**

**VICE PRESIDENT & GENERAL MANAGER**

555 Seventeenth Street  
Suite 2505  
Denver, CO 80202

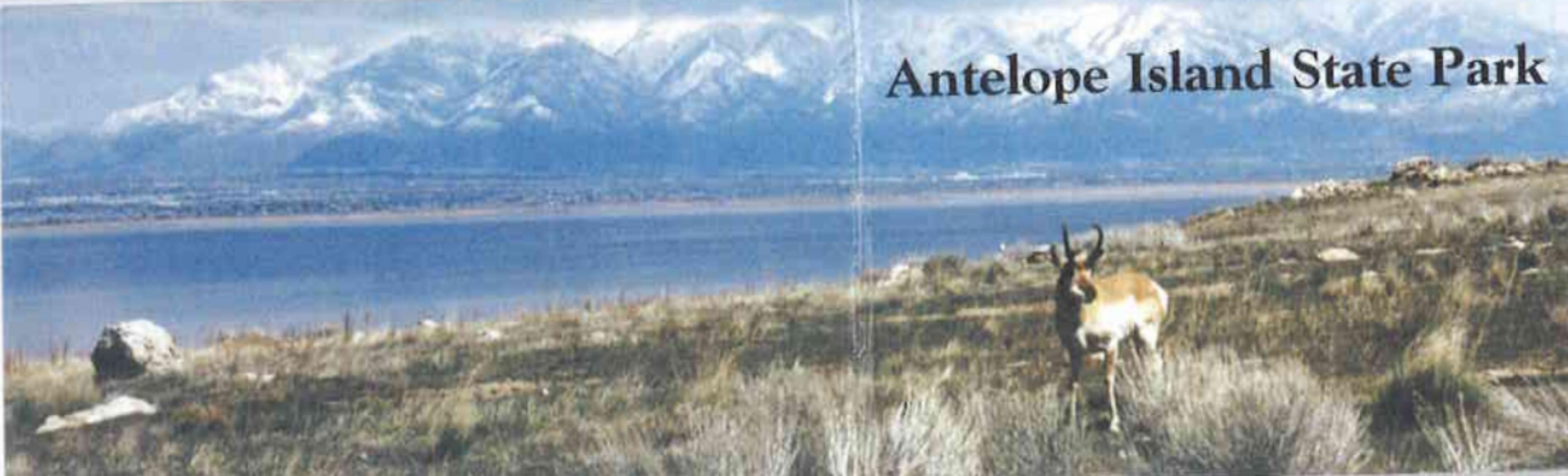
Reception 24<sup>th</sup> Floor

**DIRECT 303 299 1514**

**MAIN 303 299 1400**

**FAX 303 299 1444**

**[margot@ansbropetroleum.com](mailto:margot@ansbropetroleum.com)**

A wide-angle landscape photograph of Antelope Island State Park. In the foreground, a pronghorn antelope stands on a grassy hillside. The middle ground features a large, calm lake. The background is dominated by a range of rugged, snow-capped mountains under a clear blue sky. The text "Antelope Island State Park" is overlaid in the upper right corner.

# Antelope Island State Park

Enhancing the quality  
of life through parks,  
people, and programs.



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF PARKS AND RECREATION

Antelope Island State Park  
4528 West 1700 South  
Syracuse, Utah 84075-6861

801.652.2043 (office)  
801.779.2604 (fax)  
801.580.1043 (cell)

email: [rontaylor@utah.gov](mailto:rontaylor@utah.gov)

**Ron Taylor**  
Park Manager

CHRIS HALLER

ASSISTANT PARK MANAGER

~~550-6155~~

TONY  
SWAZEY?

MAY 5

801 652-2043

**From:** Brad Hill  
**To:** Smith, Ted  
**Date:** 3/15/2006 9:00:39 AM  
**Subject:** Fwd: Re: Possible Well Site

I'll let you know if I hear anything else.

>>> Ron Taylor 3/15/2006 8:52 AM >>>

I believe the site you are referring to is a drill site that is located at the trail head to the Frary Peak trail. I have asked the staff to get me some information concerning it to share with you. If this is the site the ground was definitely disturbed and a hole drilled. I believe it came up dry...don't know how deep, but will find out more details and forward the info to you. Thanks

>>> Brad Hill 03/14/06 1:49 PM >>>

Ron,

We are trying to clean up some old records at DOGM. We have a record of a well permit for the Anschutz Company that according to our records was never drilled. This well was permitted in the NE/4 of the SE/4 of Section 17-Township 3N-Range 3W. From a topo map it looks like it would be about due east of Elephant Head but on the east side of the island. It should be about halfway up the slope, west of the Ranch road. We will have to field check it but I was wondering if you or any of your people knew if there was ever any surface disturbance done.

Thanks for your help, Brad Hill

\*\*\*\*\*

Brad Hill  
O & G Permitting Manager/Petroleum Geologist  
State of Utah  
Division of Oil, Gas, & Mining  
Phone: (801)538-5315  
Fax: (801)359-3940  
email: [bradhill@utah.gov](mailto:bradhill@utah.gov)  
\*\*\*\*\*

**From:** Ted Smith  
**To:** Taylor, Ron  
**Date:** 3/29/2006 4:20:42 PM  
**Subject:** Antelope Island 9-17

Ron,

After inspecting the Antelope Island 9-17 well it appears to have a metal 24" metal casing with four flanges, and two open 2" male pipe nipples coming out the top. Also the pit used to drill the well is still open and has a 6" metal pipe protruding out of the ground.

What course of action would you like us to take on this as far as reclamation goes? The company that drilled the hole is still working in the state.

Ted K. Smith  
Department of Natural Resources- Oil, Gas & Mining  
1594 W North Temple  
PO BOX 145801  
Salt Lake City, UT 84114-5801  
Phone 801-538-5303  
Fax 801-539-3940

>>> Brad Hill 3/14/2006 1:49 PM >>>

Ron,

We are trying to clean up some old records at DOGM. We have a record of a well permit for the Anschutz Company that according to our records was never drilled. This well was permitted in the NE/4 of the SE/4 of Section 17-Township 3N-Range 3W. From a topo map it looks like it would be about due east of Elephant Head but on the east side of the island. It should be about halfway up the slope, west of the Ranch road. We will have to field check it but I was wondering if you or any of your people knew if there was ever any surface disturbance done.

Thanks for your help, Brad Hill

\*\*\*\*\*

Brad Hill  
O & G Permitting Manager/Petroleum Geologist  
State of Utah  
Division of Oil, Gas, & Mining  
Phone: (801)538-5315  
Fax: (801)359-3940  
email: [bradhill@utah.gov](mailto:bradhill@utah.gov)

\*\*\*\*\*

**CC:** Dan Jarvis; Hill, Brad

**From:** Ted Smith  
**To:** bill.miller@aec-Denver.com  
**Date:** 5/1/2006 10:25:52 AM  
**Subject:** Antelope Island 9-17

Bill,  
Please let me know if you receive these attached photos.

Ted K. Smith  
Department of Natural Resources- Oil, Gas & Mining  
1594 W North Temple  
PO BOX 145801  
Salt Lake City, UT 84114-5801  
Phone 801-538-5303  
Fax 801-539-3940

ANTELOPE ISLANDS 9-17

41494'



**Table 1.** A chronology of events and occupations of the ranch and the island.

1843	John Fremont named Antelope Island for the antelope he observed.
1848	Fielding Garr built the ranch house.
1849	Fielding Garr became foreman of the Perpetual Emigration Company (PEC).
1855	Fielding Garr died.
1856	Briant Stringham replaced Fielding Garr as foreman of the PEC.
1871	Briant Stringham died.
1872	Christopher Layton became ranch caretaker.
1875	The Mormon Church lost interest in the island due to homesteading and patents to the Union Pacific Railroad for every odd section.
1884	John Dooly, Sr. and Frederick Meyer purchased a large part of the island. It became known as the Island Improvement Company and was later leased to John White and sons. The wild horses introduced and cultured earlier by Brigham Young were all shot to reduce grazing competition with other livestock.
1885-1903	Will Walker was foreman of the Island Improvement Company.
1891	George Frary established a homestead just north of Garden Creek.
1903	Ernest Bamberger became co-owner of the island.
1911	John Dooly, Jr. inherited the Dooly empire from his father, John Dooly, Sr., which included The Island Improvement Company.
1938-1942	Jabez Broadhead Harward became foreman of the Island Improvement Company. He lived on the island with his family.
1939	Glen Phipps was hired on as foreman number two.
1942-1951	J.B. Harward became general foreman of the Island Improvement Company ranches. He and his family lived alternately between the island and the summer range at Castle Rock, Utah near the Wyoming-Utah border.
1942	William H. Olwell was appointed manager of the Island Improvement Company.
1942-1947	Arnold Haskell became foreman. He lived on the island with his wife, Ida, and their family.
1945-1972	William H. Olwell was appointed president of the Island Ranching Company. The Island Improvement Company's name changed to Island Ranching Company in 1955.
1948-1950	Orren Hale became formen of the Island Improvement Company. He lived on the island with his wife LaVern and their family.
1950-1955	Arnold Haskell returned as foreman of the island ranch after the death of J.B. Harward in 1950.
1951-1972	Gene Phipps became general foreman of Island Improvement Company.
1951-1952	The south causeway was built over an existing road from the south end of the island to the mainland to the east.
1952	Island Improvement Company sold all their sheep and moved their cattle from the island to Castle Rock and Skull Valley ranches.
1955-1972	Island Improvement Company's name was changed to Island Ranching Company.
1955-1971	Alton and Janet Sorenson were foremen of the Island Ranching Company.
1967	State of Utah purchased 2,000 acres on the north end to establish a park.
1969	The north causeway from Syracuse to the north end of the island was finished.
1971-1972	Nelson Witt was foreman of the Island Ranching Company.
1972-1981	Anschutz Corporation of Denver, Colorado, purchased the Island Ranching Company including the island, Castle Rock, and Skull Valley. They also purchased Hatch Bros. Livestock Company. These were two of the three largest livestock companies in the state at that time, Deseret Livestock Company being the largest.
1981	State of Utah purchased the rest of the island from the Anschutz Corporation.
1983	Rising flood water inundated the causeway and forced the park to close.
1993	Park reopened after the flood waters receded and the road was rebuilt.
1995	A new 5,600 square foot Antelope Island visitors center is completed.

continued to intertwine with the lake. He spent his final years working an asphalt mine on the north arm of the lake near the Promontory Mountains. Today, the foundation of Frary's cabin and a few stone walls are all that remain.

Frary's activity on the lake coincided with the introduction of large-scale ranching on Antelope Island. In 1884, John Dooly purchased a large part of the island and formed the Island Improvement Company. Dooly's ranching efforts prospered to become one of the largest ranching operations in Utah, and the Garr Ranch continued to be the headquarters

for these operations. A chronology of events and occupants of the ranch and the island, given in table 1, are taken from Harward (1996).

### **PURCHASE OF THE PARK PROPERTY AND THEN THE WHOLE ISLAND**

Through the years, several attempts were made to purchase the ranch and Antelope Island for the public. On three separate occasions, Utah's Senator Frank Moss sponsored

federal legislation to purchase the island for inclusion in the National Park system. Finally, in 1967, the State of Utah purchased 2,000 acres on the north end of the island that became Antelope Island State Park in 1969. In an attempt to acquire all of Antelope Island, the State of Utah initiated a court battle with the island's owner, the Anschutz Corporation, to establish the right to eminent domain. However, after several years of negotiation, an out-of-court settlement was finally reached in 1981, which allowed the State to buy the remaining southern portion of Antelope Island from the Anschutz Corporation for \$4.7 million.

## GEOLOGY AND HYDROLOGY

Antelope Island is the largest island in Great Salt Lake. It is approximately 15 miles long and 4.5 miles across at the widest point, with an area of about 42 square miles. The highest peak (Frary Peak) is 6,597 feet, about 2,400 feet above the historical average (4,200-foot) level of the lake. Recent history pales when contrasted against geologic time. The following brief description of the geology and mineral resources of the island is taken from Doelling and others (1988).

### Archean Rocks

Antelope Island is comprised of some of the oldest rocks exposed in Utah. The Farmington Canyon Complex - more than 2.5 billion years old - dominates the southern two-thirds of the island, and is classified as gneiss. A gneiss is a coarse-grained, irregularly banded metamorphic rock. There are banded gneisses, granite gneisses (pink or salmon-colored), amphibolite gneisses (dark), and quartz gneisses (almost white or translucent) on the island.

### Proterozoic and Cambrian Rocks

The rocks immediately overlying the Farmington Canyon Complex on Antelope Island were deposited sometime between 1,600 and 700 million years ago. They are assigned to the Perry Canyon Formation, and are divisible into three parts. The lowermost part is diamictite (pebbles, cobbles and boulders mixed in a dark matrix of sand and granules). Overlying the diamictite is a distinctive layer of light tan to pink dolomite about 25 feet thick. The dolomite is especially easy to recognize on the east part of Elephant Head, the island's second highest peak, where it forms light-colored cliffs and ledges. More than 200 feet of gray, purple, brown, green, and red slate rest above the dolomite.

The Tintic Quartzite overlies the Perry Canyon Formation, and forms the pale-orange outcrops and rounded ridges on the northern third of the Antelope Island. The Tintic Quartzite is pale orange to light-gray quartzite with abundant layers of pebble conglomerate. These rocks were deposited about 570 to 540 million years ago in a beach, or shallow marine environment.

### Tertiary Rocks

The earliest of the Tertiary rocks deposited on Antelope Island are known as the Wasatch Group and consist of gray

and red conglomerate and minor reddist and clay. These rocks were deposited at a certain range as coalescing alluvial fans, 60 million years ago. Younger Tertiary rocks, also present on Antelope Island, were deposited between 19 and 1.6 million years ago. These are called the Salt Lake Group and consist of micaceous sandstone, volcanic tuffs, white to gray friable sandstone, and multi-colored bentonitic rocks crop out only on the east side of Antelope Island of Sea Gull Point, and on the tip of Lady Island's extreme northern end.

### Quaternary Lake Bonneville

Tufa deposits, formed on the island by the action of and algal action from ancient Lake Bonneville, and much older Farmington Canyon Complex are particularly prevalent along the Provo shoreline of Lake Bonneville. Perhaps nowhere else in Utah are Bonneville shorelines etched so dramatically as on Antelope Island.

### Rock and Mineral Resources

Sand, gravel, flag stone (slate), metals and quartzite suitable for concrete aggregate are the mineral resources of Antelope Island. Sand and gravel are present in many places around the perimeter of the island and are the most important resource. In 1979, about 1 million cubic yards of sand and gravel were deposited on the island for use in the construction of Interstate 80 between Saltair and Salt Lake City. The aggregate is conveyed from the island to the highway construction pile via a 13-mile long conveyor belt.

Small occurrences of metal-bearing minerals, such as chalcopyrite, chrysocolla, malachite, and hematite, were discovered on Antelope Island disseminated in veins, especially in the central part and on the eastern side of the island. In early times, a little slate was used for flagstone and crushed for roofing stone. There are also deposits of oolitic sand (calcium carbonate) on the northern and western beaches of the island. The economic minerals present on the island include hornblende, mica, red and brown garnet, and tourmaline.

### Springs and Groundwater

Although the fresh water of Lake Bonneville has since become the saline lake of today, fresh groundwater is found from more than 40 springs on Antelope Island. Precipitation falling in the higher elevations of the island enters into the lacustrine and alluvial deposits, and in some geological formations mentioned above, forming a saturated zone of groundwater. The groundwater then emerges as springs, typically below the Tintic Terrace, where it flows to lower elevations and discharges into the alluvium (figure 4). Some springs are located above the Great Salt Lake shoreline, giving rise to shore wetlands.



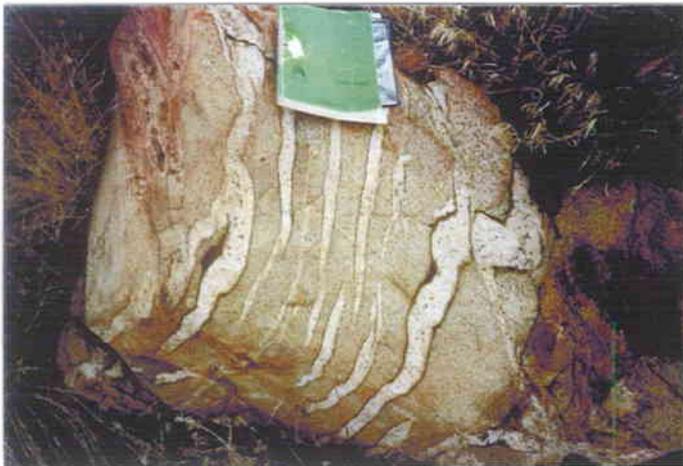
Figure 3. Shaded relief map of Antelope Island showing major roads, trails, and physiographic features. Route of road log and stops are indicated by solid line and octagons; routes of trail logs are indicated by dashed lines.

Less altered layered gneiss is exposed in southern parts of the road cut. The gneiss contains abundant quartz, plagioclase, and potassium feldspar, along with variable amounts of biotite and garnet. Foliation and gneissic layering are defined by preferred orientation of biotite and quartz grains, and by alternating, diffuse, migmatitic, biotite-rich, and quartz-feldspar-rich layers. Late-stage pegmatite dikes have sharp boundaries and cross cut gneissic layering.

- 0.4 20.0 Chloritic gneiss is cut by a small shear zone.
- 0.2 20.2 **JUNCTION. TURN RIGHT and HEAD WEST** onto side road to Frary Peak trail head.
- 0.7 20.9 **STOP 7. FARMINGTON CANYON COMPLEX IN CENTRAL PART OF ISLAND [also starting point for Frary Peak Trail]. PARK** at Frary Peak trail head lot for discussion of Farmington Canyon Complex in this area. This is also the starting point for the trail to Frary Peak, the highest point on the island. This trail provides spectacular views of the surrounding region, as well as excellent exposures of the Farmington Canyon Complex, Late Proterozoic to Cambrian strata, and the Daddy Stump Ridge backthrust, as described in the accompanying trail guide at the end of the road guide.

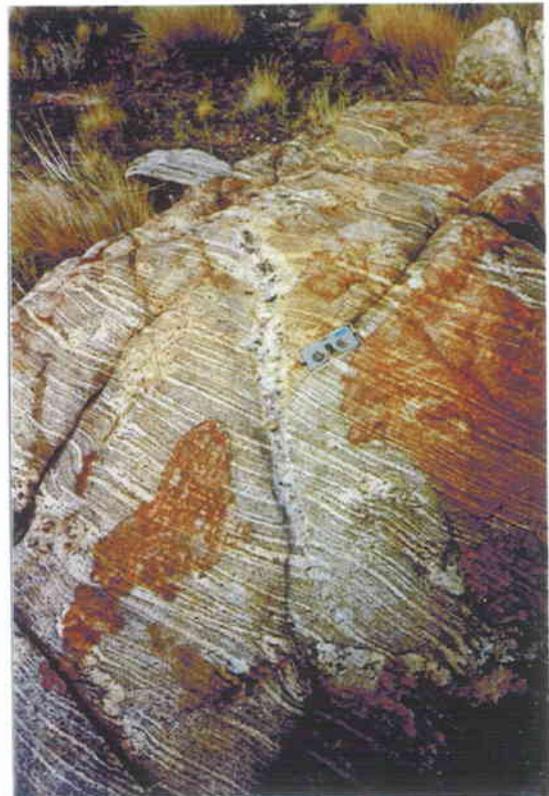
Outcrops west of the parking lot consist of overall darker colored, chlorite gneiss and partly altered, layered gneiss with pods of hornblende-plagioclase gneiss and pegmatite (map unit XWc on figure 6). Layered gneiss contains significant, but varying, amounts of quartz, gray plagioclase feldspar, and pink potassium feldspar, with generally lesser amounts of biotite and small red to black garnet grains. Some layers contain abundant green chlorite that appears to have formed from alteration of biotite and garnet. Foliation is defined by preferred orientation of biotite and quartz grains, and by alternating, diffuse, quartz-feldspar-rich and biotite-rich layers. The diffuse layers probably formed by some combination of partial melting and injection of granitic dikes, and give the rock a migmatitic (once partially melted) appearance. Foliation is overall northeast striking and steeply dipping, but layers are locally contorted into tight folds, recording a complex history of deformation. Layered gneiss, which has been locally altered to chloritic gneiss, is exposed along a belt that extends southwestward from here toward the central part of the island, as well as in a belt at the southern end of the island where other associated rock types are also well exposed (figure 6, also see stop 11). The layered gneiss and hornblende plagioclase gneiss probably represent sedimentary rocks and basalt dikes, which may have been originally deposited during the Archean, or incorporated material derived from Archean crust, and were then strongly deformed and metamorphosed during the Early Proterozoic (stages 1 to 4 of figure 7) (Bryant, 1988a; Yonkee and others, 2000a; Willis and others, 2000). Chlorite alteration was probably associated with influx of reactive fluids during Cretaceous thrusting.

Outcrops on the east side of the parking lot, as well as the larger knob visible to the south, consist of overall light-gray to pink, granitic gneiss (map unit Xg on figure 6). Granitic gneiss contains about 30 percent quartz, 30 percent potassium feldspar, and 30 percent plagioclase feldspar, with lesser amounts of hornblende. Gneissic foliation is defined by preferred orientation of hornblende grains and by numerous subparallel, deformed pegmatite dikelets and diffuse quartz-feldspar-rich pods. The foliation strikes north to northeast and is nearly vertical. Late-stage pegmatite dikes with sharp boundaries cross cut foliation, and pods of weakly to non-foliated, coarse-grained granite contain large pink grains of potassium feldspar and black blebs of magnetite. Granite gneiss grades into banded gneiss with increasing foliation intensity and abundant pegmatite dikelets (figure 14). Granite and banded gneiss are exposed over large areas including the eastern, south-central, and west-central parts of the island (figure 6), and represent parts of granitic plutons that were intruded into layered gneiss during or just prior to Early Proterozoic main-phase deformation and metamorphism (stages 3 and 4 of figure 7). Several larger bodies of coarse-grained, late-stage granite on the east side of the island were intruded soon after peak deformation (stage 5 of figure 7). Similar rock types (including layered gneiss, granitic gneiss, and late-stage granite) are also found within the Farmington Canyon Complex exposed to the east in the Wasatch Range (Bryant, 1984, 1988b).



14a

*Figure 14. (a) Granite gneiss has weak to locally strong foliation and contains widely to locally closely spaced pegmatite dikelets and pods. Notebook for scale is 8.5 inches (22 cm) wide. (b) Banded gneiss displays strong foliation and distinct migmatitic banding defined by numerous thin pegmatite dikelets and quartz-feldspar-rich pods. A late-stage pegmatite dike cross cuts the banding. Stereoscope for scale is 5 inches (12 cm) long.*



14b



The parking lot is the former drill pad for an oil and gas exploration well. Oil seeps at Rozel Point north of Antelope Island, and other oil and gas discoveries in the Great Basin during the 1970s, triggered sporadic exploration in the Antelope Island area. Although basement rocks of the Farmington Canyon Complex crop out at the surface here, the Anschutz Corporation obtained a permit in 1981 to drill a 20,000-foot (6,000 m) exploration well on Antelope Island to test a theory that Mesozoic and Paleozoic sedimentary source rocks might underlie a thrust fault beneath the island. The hole was only drilled to a depth of about 133 feet (40 m), and then abandoned (F.C. Moulton, Anschutz Corporation, retired, verbal communication, 1989). Recent studies indicate that although the Ogden thrust system likely passes beneath the island, the thrust faults lie largely within basement rocks; thus the potential for significant oil and gas discoveries on the island appears low (Mohapatra and Johnson, 1998; Willis and Jensen, 2000). However, thicker Tertiary deposits in fault-bounded basins east and west of the island may have potential for oil and gas (Bortz and others, 1985).

After stop **RETURN EAST** along side road to main road.

- 0.7 21.6 **JUNCTION. TURN RIGHT** and **HEAD SOUTH** on main east side road.
- 0.2 21.8 Large boulders of granitic gneiss are scattered about in beach deposits near the gate.
- 0.6 22.4 Patches of green vegetation on the hills to the west mark locations of springs and seeps. The black cliff below the ridge to the west is composed of altered chloritic gneiss. The smooth slopes farther south along the ridge crest are composed of diamictite, dolomite, and slate of the Mineral Fork and the Kelly Canyon Formations.
- 0.5 22.9 The marshy area to the east near the lake contains several small slumps with springs. The slumps were produced as Great Salt Lake undercut the shoreline and overlying coarse-grained deposits slid onto highly organic, fine-grained sediment. To the south and west, post-Bonneville fans, which are mostly composed of debris-flow and debris-flood deposits, bury older lacustrine deposits and locally extend down to modern shorelines. Toes of these fans have undergone wave erosion during rises of Great Salt Lake.
- 0.4 23.3 The pink knolls in the lower hills to the west are pegmatitic granite. Farther west along the main Daddy Stump Ridge, a band of light-colored pegmatitic granite is exposed in the steep slopes just northeast of Frary Peak; darker colored layered gneiss and hornblende-plagioclase gneiss with local chlorite alteration are exposed northward along the east side of the main ridge.
- 1.1 24.4 **STOP 8. LANDSLIDES. PARK** in lot on right (west) side of road.

**From:** "Bill Miller" <BBillMiller@tac-denver.com>  
**To:** "Ted Smith" <tedsmith@utah.gov>  
**Date:** 5/1/2006 10:42:35 AM  
**Subject:** Antelope Island

Ted,

I received the pictures.

Thanks,

Bill Miller

William J. (Bill) Miller - President

Anschutz Exploration Corporation

bill.miller@aec-denver.com

303-299-1330 (Direct)

303-299-1518 (FAX)

**From:** Ted Smith  
**To:** Taylor, Ron  
**Date:** 5/10/2006 2:50:17 PM  
**Subject:** Anschutz Visit

Ron,

DOGM contacted Anschutz Corporation about plugging the Antelope Island 9-17 on 04/23. Anschutz response was that they had renewed interest in this location and would like to visit the 9-17 and make a determination on plugging or possibly re-entering the well.

Next Thursday 05/18, Bill Miller President Anschutz Corporation, Brad Hill DOGM, and myself will be meeting at the Antelope Island 9-17 at approximately 10:00 AM. If you are available it would be great to have you attend this meeting to voice your concerns about the possibility of re-entering or plugging of the 9-17. We could meet you at the Visitors Center? Or just have the gate personnel inform you when we have entered the park so you could meet us at that time?

Let me know if you are interested in attending this meeting or if you have an alternate that might be attending in your absence.

Ted K. Smith  
Department of Natural Resources- Oil, Gas & Mining  
1594 W North Temple  
PO BOX 145801  
Salt Lake City, UT 84114-5801  
Phone 801-538-5303  
Fax 801-539-3940

**CC:** Hill, Brad

APD 2/16/81

12/16/81  
3/12/82  
9/17/82  
3/21/83

ST TO ANSCHUTZ

2493 FNL  
320 FEL SENE

DEFERRED NOTICE 3/10/82  
3/28/83

DO NOT INTEND TO DRILL 9/29/82  
DUCHESNE CO

UTAH OPERATIONS 303-298-1000

DENNIS FLOY

ARTIS BARBERA #532

DEVON KEYSER

303-299-1519

CALLED + TALKED ABOUT PLUGGING OF THIS WELL

BILL MILLER - 303-299-1330

4/26 2:13

5/1 10:00

CALLED DEVON KEYSER. FILE HAS THE FILE NOW + WILL BE CONTACTING US TODAY.

BILL MILLER OF AEC-DENVER.COM BILL WOULD LIKE TO MEET ON LOCATION WHEN HE TRAVELS THROUGH SLC. HE ALSO WOULD LIKE TO HAVE PHOTOS SENT TO HIM. THERE IS A POSSIBILITY OF REENTRANCING THIS WELL?

5/10

BILL MILLER CALLED + ASKED FOR A MEETING ON THE ANTELOPE ISLAND LOCATION. BRAD HILL, TED SMITH, BILL MILLER, RON TAYLOR? WILL ATTEND

**From:** Ron Taylor  
**To:** Ted Smith  
**Date:** 5/11/2006 12:20:04 PM  
**Subject:** Re: Anschutz Visit

I am free that day to meet with you. I have shared your information with the Region Manager and our Main Office. They may want to be there as well. Thanks

>>> Ted Smith 05/10/06 2:50 PM >>>

Ron,

DOGMA contacted Anschutz Corporation about plugging the Antelope Island 9-17 on 04/23. Anschutz response was that they had renewed interest in this location and would like to visit the 9-17 and make a determination on plugging or possibly re-entering the well.

Next Thursday 05/18, Bill Miller President Anschutz Corporation, Brad Hill DOGM, and myself will be meeting at the Antelope Island 9-17 at approximately 10:00 AM. If you are available it would be great to have you attend this meeting to voice your concerns about the possibility of re-entering or plugging of the 9-17. We could meet you at the Visitors Center? Or just have the gate personnel inform you when we have entered the park so you could meet us at that time?

Let me know if you are interested in attending this meeting or if you have an alternate that might be attending in your absence.

Ted K. Smith  
Department of Natural Resources- Oil, Gas & Mining  
1594 W North Temple  
PO BOX 145801  
Salt Lake City, UT 84114-5801  
Phone 801-538-5303  
Fax 801-539-3940

**From:** "Bill Miller" <BBillMiller@tac-denver.com>  
**To:** "Ted Smith" <tedsmith@utah.gov>  
**Date:** 5/16/2006 8:00:07 AM  
**Subject:** RE: Antelope Island

Ted,  
Sounds fine to me. We will see you at approximately 8:30 Thursday at your office.

Bill

-----Original Message-----

From: Ted Smith [mailto:tedsmith@utah.gov]  
Sent: Friday, May 12, 2006 10:02 AM  
To: Bill Miller  
Subject: Re: Antelope Island

Bill,

I e-mailed our intentions and invite for next Thursday to Ron Taylor. He shared this information with the State Parks Region Manager and the main office. It is possible they may attend the meeting as well?

Ted K. Smith  
Department of Natural Resources- Oil, Gas & Mining  
1594 W North Temple  
PO BOX 145801  
Salt Lake City, UT 84114-5801  
Phone 801-538-5303  
Fax 801-539-3940

>>> "Bill Miller" <BBillMiller@tac-denver.com> 5/1/2006 10:42 AM >>>  
Ted,

I received the pictures.

Thanks,

Bill Miller

William J. (Bill) Miller - President  
Anschutz Exploration Corporation  
bill.miller@aec-denver.com  
303-299-1330 (Direct)  
303-299-1518 (FAX)

May 18, 2006

A fact finding meeting was held on site to discuss plugging or reentering of the Antelope Island 9-17 well located on Antelope Island State Park.

Personnel attending this meeting were as follows –

William Miller – Anschutz Corporation

Hal Koerner - Anschutz Corporation

Margot Timbel - Ansbro Petroleum Company

Pamela Kalstrom – Ansbro Petroleum Company

Jay Christianson – Utah State Division of Parks and Recreation

Ron Taylor - Utah State Division of Parks and Recreation

Brad Hill - Utah State Division of Oil Gas and Mining

Ted Smith - Utah State Division of Oil Gas and Mining

Agenda:

Mr. Miller began the meeting with an explanation of Anschutz and the State of Utah ownership history of the island. Mr. Miller then explained Anschutz interest in the minerals they hold on the island. A discussion and viewing of a seismic post plot map of a 45-mile 2D survey in the early 1980's performed by Anschutz Corporation was offered up for additional information. The seismic data recorded during that survey is currently being reprocessed using state of the art technology. Once the seismic data is reprocessed along with magnetic survey data and water well data Anschutz possibly will be able to pinpoint an area for consideration of drilling. As it stands now Anschutz does not know if the Antelope Island 9-17 is the correct location to drill this exploration well.

Permitting:

Anschutz brought up questions about the permitting process and how it will take place. Utah State Parks and Recreation, Utah Division of Wildlife Resources, Utah Division of Oil Gas and Mining, and possible environmental groups will all have a hand in the permitting process. Since some Federal funding was involved with part of the Islands financing there is a possibility that NEPA analysis will be required. This will be investigated by Anschutz and State Parks.

Timeline:

Anschutz tentative timeline for notification of the plugging of the 9-17 or an APD to drill or reenter will be within 90 days. This should give Anschutz enough time to study the reprocessing of the older data.

Reclamation:

It is possible the State Parks and Recreation may want to turn this well into a water well if Anschutz does not want to reenter it? If the State Parks and Recreation or Anschutz does not want to utilize this well it will be plugged at surface level along with an 8" pit discharge pipe. The rest of the pad and location will remain as is due to natural reclamation and also the pad being used as a staging area for the trail system.

**From:** Ted- Smith  
**To:** Miller, Bill  
**Date:** 8/14/2006 7:34:15 AM  
**Subject:** Re: Antelope Island

Bill,

The meeting we held at the Antelope Island 9-17 in May we agreed on a 90 day tentative time line for notification of plugging the 9-17 or APD to drill or reenter. Has Anschutz finished its reprocessing of the old 2D seismic data and made a decision on closing this file?

Ted K. Smith  
Department of Natural Resources- Oil, Gas & Mining  
1594 W North Temple  
PO BOX 145801  
Salt Lake City, UT 84114-5801  
Phone 801-538-5303  
Fax 801-539-3940

>>> "Bill Miller" <BBillMiller@tac-denver.com> 5/1/2006 10:42 AM >>>  
Ted,

I received the pictures.

Thanks,

Bill Miller

William J. (Bill) Miller - President

Anschutz Exploration Corporation

[bill.miller@aec-denver.com](mailto:bill.miller@aec-denver.com)

303-299-1330 (Direct)

303-299-1518 (FAX)

**CC:** Hill, Brad

**From:** Ted- Smith  
**To:** bill.miller@aec-Denver.com  
**Date:** 8/29/2006 10:39:39 AM  
**Subject:** Update on Antelope Island 9-17

Bill,

Has Anschutz made a decision on plugging of the Antelope Island 9-17?

Ted K. Smith  
Department of Natural Resources- Oil, Gas & Mining  
1594 W North Temple  
PO BOX 145801  
Salt Lake City, UT 84114-5801  
Phone 801-538-5303  
Fax 801-539-3940

**CC:** Christianson, Jay; Hill, Brad; margot@ansbropetroleum.com

-----Original Message-----

From: Ted- Smith [mailto:[tedsmith@utah.gov](mailto:tedsmith@utah.gov)]  
Sent: Tuesday, August 29, 2006 10:40 AM  
To: Bill Miller  
Cc: Margot Timbel; Brad Hill; Jay Christianson  
Subject: Update on Antelope Island 9-17

Bill,

Has Anschutz made a decision on plugging of the Antelope Island 9-17?

Ted K. Smith  
Department of Natural Resources- Oil, Gas & Mining  
1594 W North Temple  
PO BOX 145801  
Salt Lake City, UT 84114-5801  
Phone 801-538-5303  
Fax 801-539-3940

**CC:** "Bob Griffin" <[bob.griffin@aec-denver.com](mailto:bob.griffin@aec-denver.com)>, "Hal Koerner" <[Hal.Koerner@aec-denver.com](mailto:Hal.Koerner@aec-denver.com)>

**From:** "Bill Miller" <BillMiller@tac-denver.com>  
**To:** "Ted- Smith" <tedsmith@utah.gov>  
**Date:** 8/29/2006 11:05:01 AM  
**Subject:** RE: Update on Antelope Island 9-17

Ted,

I have not had a chance to review with the technical staff where we are at on the further evaluation of the project. We have completed the legal review regarding the NEPE requirements. I will be traveling over the next couple of weeks but should be able to determine our position by mid September.

Bill Miller

-----Original Message-----

From: Ted- Smith [mailto:tedsmith@utah.gov]  
Sent: Tuesday, August 29, 2006 10:40 AM  
To: Bill Miller  
Cc: Margot Timbel; Brad Hill; Jay Christianson  
Subject: Update on Antelope Island 9-17

Bill,

Has Anschutz made a decision on plugging of the Antelope Island 9-17?

Ted K. Smith  
Department of Natural Resources- Oil, Gas & Mining  
1594 W North Temple  
PO BOX 145801  
Salt Lake City, UT 84114-5801  
Phone 801-538-5303  
Fax 801-539-3940

**From:** "Bill Miller" <BillMiller@tac-denver.com>  
**To:** "Ted Smith" <tedsmith@utah.gov>  
**Date:** 10/23/2006 10:33:55 AM  
**Subject:** RE: Update on Antelope Island 9-17

Ted,

We are still evaluating our exploration opportunities and plans for the Antelope Island mineral estate and will probably not have a clear direction until next spring. As you can imagine evaluating the old data is difficult and takes time.

We are prepared to proceed with the restoration of the 9-17 if we can come to a reasonable project scope with your agency and the park representative.

By copy of this e-mail I am notifying Bob Griffin who is our field representative. Please contact Bob at 307-360-6069 to arrange for a meeting to discuss the scope and extent of reclamation.

Regards,  
Bill Miller

William J. (Bill) Miller - President  
Anschutz Exploration Corporation  
Office -303-299-1330

-----Original Message-----

From: Ted Smith [mailto:tedsmith@utah.gov]  
Sent: Monday, October 16, 2006 12:43 PM  
To: Bill Miller  
Cc: Brad Hill  
Subject: RE: Update on Antelope Island 9-17

Bill,

Have you been able to determine your position on the Antelope Island 9-17?

Ted K. Smith  
Department of Natural Resources- Oil, Gas & Mining  
1594 W North Temple  
PO BOX 145801  
Salt Lake City, UT 84114-5801  
Phone 801-538-5303  
Fax 801-539-3940

>>> "Bill Miller" <BillMiller@tac-denver.com> 8/29/2006 11:04 AM >>>

Ted,

I have not had a chance to review with the technical staff where we are

at on the further evaluation of the project. We have completed the legal

review regarding the NEPE requirements. I will be traveling over the next couple of weeks but should be able to determine our position by mid

September.

Bill Miller

**From:** Ron Taylor  
**To:** Ted- Smith  
**Date:** 1/19/2007 8:43:44 AM  
**Subject:** Re: Anschutz Meeting at the Antelope 9-17

Greetings from the Island, I will be out of town on the 1st and 2nd.....but our assistant manager could attend to represent us...I am open all of the next week for that time of day if you feel a need to change the date. Thanks

>>> Ted- Smith 01/18/07 10:53 AM >>>  
Ron,

I have been in contact with Bob Griffin - Anschutz local representative. Anschutz has contacted me in regard to plugging the 9-17 this March/April 2007.

I have set up a meeting on location for February 1st, 2007. Bob will meet us at the Division office at 09:00 then we will proceed to the 9-17 location arriving around 10:00 AM. Once on location we will talk over your wishes on the reclamation of the site and proceed with setting up a date to plug the well.

If this date or time will not work with your schedule please notify me of a better date and time so I can arrange this with Bob.

Ted K. Smith  
Department of Natural Resources- Oil, Gas & Mining  
1594 W North Temple  
PO BOX 145801  
Salt Lake City, UT 84114-5801  
Phone 801-538-5303  
Mobile 801-234-1984  
Fax 801-539-3940

**CC:** Jay Christianson

**From:** Ron Taylor  
**To:** Ted- Smith  
**Date:** 1/19/2007 11:57:11 AM  
**Subject:** Re: Anschutz Meeting at the Antelope 9-17

Feb. the 5th will be great...thanks

>>> Ted- Smith 01/19/07 11:18 AM >>>

Ron,

I have made arrangements with Bob Griffin to meet us on Monday February 5th instead of February 1st. Let me know if this will work better for you?

Ted K. Smith  
Department of Natural Resources- Oil, Gas & Mining  
1594 W North Temple  
PO BOX 145801  
Salt Lake City, UT 84114-5801  
Phone 801-538-5303  
Mobile 801-234-1984  
Fax 801-539-3940

>>> Jay Christianson 1/19/2007 10:22 AM >>>

Ron,

If you need I also could attend the meeting on the 1 st.. Let me know.. Thanks Jay C

>>> Ron Taylor 1/19/2007 8:43 AM >>>

Greetings from the Island, I will be out of town on the 1st and 2nd.....but our assistant manager could attend to represent us...I am open all of the next week for that time of day if you feel a need to change the date. Thanks

>>> Ted- Smith 01/18/07 10:53 AM >>>

Ron,

I have been in contact with Bob Griffin - Anschutz local representative. Anschutz has contacted me in regard to plugging the 9-17 this March/April 2007.

I have set up a meeting on location for February 1st, 2007. Bob will meet us at the Division office at 09:00 then we will proceed to the 9-17 location arriving around 10:00 AM. Once on location we will talk over your wishes on the reclamation of the site and proceed with setting up a date to plug the well.

If this date or time will not work with your schedule please notify me of a better date and time so I can arrange this with Bob.

Ted K. Smith  
Department of Natural Resources- Oil, Gas & Mining  
1594 W North Temple  
PO BOX 145801  
Salt Lake City, UT 84114-5801  
Phone 801-538-5303  
Mobile 801-234-1984  
Fax 801-539-3940

**From:** Dustin Doucet  
**To:** Smith, Ted-  
**Date:** 1/25/2007 9:56:39 AM  
**Subject:** Anschutz well

Ted,

Based on 24 1/2 " , 100.5 #/ft casing set at 130', I get approximately 350 sx class G neat cement (1.15 cf/sk). This equates to 400 cf or 15 cu yds of cement ( approximately 2 cement trucks). If they do the cement trucks, they need to wet the cement from their typical slurry. I think they typically mix it so you get a yield of 1.00 cf/sk not 1.15 cf/sk and no sand or gravel in the mix.

Dustin

February 5, 2007

A meeting was held on site to discuss plugging of the Antelope Island 9-17 well located on Antelope Island State Park.

Personnel attending this meeting were as follows –

Bob Griffin – Anschutz Corporation

Chris Haller – Utah State Division of Parks and Recreation

Ron Taylor - Utah State Division of Parks and Recreation

Brad Hill - Utah State Division of Oil Gas and Mining

Ted Smith - Utah State Division of Oil Gas and Mining

Agenda:

Plugging of the Antelope Island 9-17

Timeline:

Anschutz tentative timeline for notification of the plugging of the 9-17 or an APD to drill or reenter will be within 60 days. Anschutz is still reprocessing old seismic data to help in their determination of this notification.

Reclamation:

If plugging of this well moves forward the State Parks and Recreation along with DOGM will want it to be plugged at surface level. The current 30" OD surface pipe will remain above ground level as a PA marker. The ½" metal lifting ears and 2 – 2" nipples will be removed from the PA marker. The well identification will then be welded onto the flat top of the PA marker. The 7"OD cellar discharge pipe that now extends into the pit will be cut back and plugged at which time will be made so it cannot be seen. Before this is done the welded top of the surface casing will be cut off. An inspection of the surface casing will be done to make sure this discharge pipe does not go through into the surface casing. It is anticipated that this pipe only goes to the cellar area and not through the wall of the surface casing. The Pit area will be sprayed with defoliant to help eradicate the Dyers Weed. The pit itself will remain as is due to natural reclamation has taken place. The 40'x70'x10" cement pad will remain in place. It was requested by the State Parks and Recreation that Anschutz might want to erect and donate a shelter over this pad so park visitors may use it as a covered picnic area. The rest of the location and access road will remain in place and is currently being used as a staging area for the Antelope Island trail system.

**From:** Ron Taylor  
**To:** Ted- Smith  
**Date:** 3/2/2007 8:31:54 AM  
**Subject:** Re: Antelope Island 9-17

Ted, appreciate the update.....we would have no problem with not putting their name on the donation of a pavilion.....if they would be willing to fund it, it would make the site much more desirable for the public and visitors. If you need help selling the idea let me know....thanks

Ron Taylor (801-580-1043)  
Antelope Island State Park

Discover the Great Salt Lake! Utah State Parks celebrates 50 years in 2007. Enjoy great family fun and activities at Antelope Island State Park. For information visit [www.stateparks.utah.gov](http://www.stateparks.utah.gov) for a list of current events.

>>> Ted- Smith 03/01/07 3:01 PM >>>  
Ron,

I called Bob Griffin today with Anschutz Corporation asking him what has been determined about plugging the 9-17. He said they are sending in the sundry to plug the well this week. They anticipate to plug the well in April 2007. We discussed plugging the well during the middle of the week not to interfere with the public as much. I also mentioned you would lock the gate to the trail access road while we are plugging the well.

As far as the pavilion being built with Anschutz name on it they are reluctant in doing this. But they are considering donating money to be used for a pavilion as long as their name is not associated with it.

I will keep you informed of a date in April to plug the well when it becomes available to me.

Ted K. Smith  
Department of Natural Resources- Oil, Gas & Mining  
1594 W North Temple  
PO BOX 145801  
Salt Lake City, UT 84114-5801  
Phone 801-538-5303  
Mobile 801-231-1984  
Fax 801-539-3940



EXPLORATION CORPORATION

555 SEVENTEENTH STREET • SUITE 2400 • DENVER, COLORADO 80202 • 303 298-1000 • FAX 303 298-8881

March 7, 2007

Utah Division of Oil, Gas and Mining  
1592 West North Temple, Suite 210  
Box 145801  
Salt Lake City, UT 84114-5801  
ATTN: Mr. Ted Smith

RE: Sundry Notice – Plug and Abandon  
Antelope Island 9-17 (API No. 43-011-30003)

Gentlemen:

Attached please find the original Sundry Notice for Plugging and Abandoning the above mentioned well in Davis County.

Thank you for your cooperation in the handling of this matter.

Sincerely,

DeVon M. Pester  
Operations Technician

/dp  
Enclosure

RECEIVED  
MAR 09 2007  
DIV. OF OIL, GAS & MINING

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>Fee</b>
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		7. UNIT OR CA AGREEMENT NAME:
		8. WELL NAME and NUMBER: <b>Antelope Island 9-17</b>
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____	9. API NUMBER: <b>4301130003</b>	
2. NAME OF OPERATOR: <b>Anschutz Exploration Corporation</b>	10. FIELD AND POOL, OR WILDCAT: <b>Wildcat</b>	
3. ADDRESS OF OPERATOR: 5555 17th St., Ste 2400      CITY <b>Denver</b> STATE <b>CO</b> ZIP <b>80202</b>	PHONE NUMBER: <b>(303) 298-1000</b>	
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>2493' FNL, 320' FEL</b>		COUNTY: <b>Davis</b>
QTR/QR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NESE 17 3N 3W</b>		STATE: <b>UTAH</b>

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>4/1/2007</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

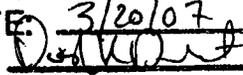
Anschutz Exploration proposes plugging the Antelope Island 9-17 as follows:  
Cut off and plug both ends of 7" cellar drain.  
Fill 30" x 100' conductor pipe with concrete,  
Cut all pipes and protrusions off 30" pipe,  
Weld dry hole name and #s on top cap and leave it sticking up same height as it is now.

Plan work for first opportunity it April.

NAME (PLEASE PRINT) <u>DeVon M. Pester</u>	TITLE <u>Operations Technician</u>
SIGNATURE 	DATE <u>3/7/2007</u>

(This space for State use only)

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

DATE: 3/20/07  
BY:  (See Instructions on Reverse Side)

(5/2000) Approx. 13 cu yds.

RECEIVED  
MAR 09 2007  
DIV. OF OIL, GAS & MINING

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

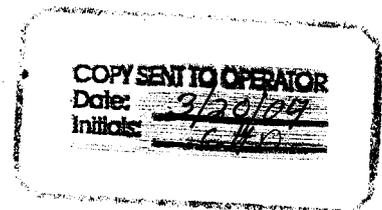
FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>Fee</b>
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: <b>Anschutz Exploration Corporation</b>		8. WELL NAME and NUMBER: <b>Antelope Island 9-17</b>
3. ADDRESS OF OPERATOR: 5555 17th St., Ste 2400 CITY <b>Denver</b> STATE <b>CO</b> ZIP <b>80202</b>		9. API NUMBER: <b>4301130003</b>
		10. FIELD AND POOL, OR WILDCAT: <b>Wildcat</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>2493' FNL, 320' FEL</b> COUNTY: <b>Davis</b>		
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NESE 17 3N 3W</b> STATE: <b>UTAH</b>		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>4/1/2007</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Anschutz Exploration proposes plugging the Antelope Island 9-17 as follows:  
Cut off and plug both ends of 7" cellar drain.  
Fill 30" x 100' conductor pipe with concrete,  
Cut all pipes and protrusions off 30" pipe,  
Weld dry hole name and #s on top cap and leave it sticking up same height as it is now.  
  
Plan work for first opportunity in April.



NAME (PLEASE PRINT) <u>DeVon M. Pester</u>	TITLE <u>Operations Technician</u>
SIGNATURE <u>[Signature]</u>	DATE <u>3/7/2007</u>

(This space for State use only) **APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING**  
DATE: 3/20/07  
BY: [Signature] (See Instructions on Reverse Side)  
Approx. 13 cu. yds.

**RECEIVED**  
**MAR 09 2007**  
**DIV. OF OIL, GAS & MINING**



555 SEVENTEENTH STREET • SUITE 2400 • DENVER, COLORADO 80202 • 303 298-1000 • FAX 303 298-8881

March 7, 2007

Utah Division of Oil, Gas and Mining  
1592 West North Temple, Suite 210  
Box 145801  
Salt Lake City, UT 84114-5801  
ATTN: Mr. Ted Smith

RE: Sundry Notice – Plug and Abandon  
Antelope Island 9-17 (API No. 43-011-30003)

Gentlemen:

Attached please find the original Sundry Notice for Plugging and Abandoning the above mentioned well in Davis County.

Thank you for your cooperation in the handling of this matter.

Sincerely,

DeVon M. Pester  
Operations Technician

/dp  
Enclosure

RECEIVED  
MAR 09 2007  
DIV. OF OIL, GAS & MINING

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

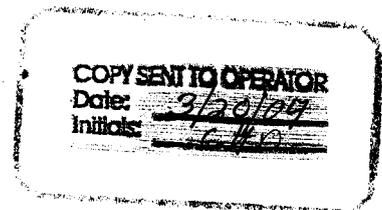
FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: Antelope Island 9-17	
2. NAME OF OPERATOR: Anschutz Exploration Corporation		9. API NUMBER: 4301130003
3. ADDRESS OF OPERATOR: 5555 17th St., Ste 2400 CITY Denver STATE CO ZIP 80202	PHONE NUMBER: (303) 298-1000	10. FIELD AND POOL, OR WILDCAT: Wildcat
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2493' FNL, 320' FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESE 17 3N 3W		COUNTY: Davis STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>4/1/2007</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Anschutz Exploration proposes plugging the Antelope Island 9-17 as follows:  
Cut off and plug both ends of 7" cellar drain.  
Fill 30" x 100' conductor pipe with concrete,  
Cut all pipes and protrusions off 30" pipe,  
Weld dry hole name and #s on top cap and leave it sticking up same height as it is now.  
  
Plan work for first opportunity in April.



NAME (PLEASE PRINT) <u>DeVon M. Pester</u>	TITLE <u>Operations Technician</u>
SIGNATURE <u>[Signature]</u>	DATE <u>3/7/2007</u>

(This space for State use only) **APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING**  
DATE: 3/20/07  
BY: [Signature] (See Instructions on Reverse Side)  
Approx. 13 cu. yds.

**RECEIVED**  
**MAR 09 2007**  
**DIV. OF OIL, GAS & MINING**



555 SEVENTEENTH STREET • SUITE 2400 • DENVER, COLORADO 80202 • 303 298-1000 • FAX 303 298-8881

March 7, 2007

Utah Division of Oil, Gas and Mining  
1592 West North Temple, Suite 210  
Box 145801  
Salt Lake City, UT 84114-5801  
ATTN: Mr. Ted Smith

RE: Sundry Notice – Plug and Abandon  
Antelope Island 9-17 (API No. 43-011-30003)

Gentlemen:

Attached please find the original Sundry Notice for Plugging and Abandoning the above mentioned well in Davis County.

Thank you for your cooperation in the handling of this matter.

Sincerely,

DeVon M. Pester  
Operations Technician

/dp  
Enclosure

RECEIVED  
MAR 09 2007  
DIV. OF OIL, GAS & MINING

**From:** "Bob Griffin" <bob.griffin@aec-denver.com>  
**To:** <tedsmith@utah.gov>  
**Date:** 3/14/2007 4:05:40 PM  
**Subject:** Anschutz Antelope Island 9-17

Ted:

I left a message indicating I wanted to do the P&A next week. Actually the day I would

like to do the work is March 27th. If this is a good time with you could get me the phone

number of the person I need to contact at the park service?

Thanks

Bob Griffin (bob.griffin@aec-denver.com)

307-360-6069

**CC:** "Jim Oursland" <Jim.Oursland@AEC-Denver.com>

**From:** Dustin Doucet  
**To:** Smith, Ted-  
**Date:** 3/20/2007 4:17:53 PM  
**Subject:** Re: Fwd: Anschutz Antelope Island 9-17

Ted,

Could you check with Anschutz and see if they have a well file for this? Apparently since this was supposedly LA, the file may no longer exist or not have all info we would like. Don Staley would like a copy of the file if possible and is really interested in the spud date and drilling information (not much I know). If you could check and see what they have that would be great. Thanks.

Dustin

>>> Ted- Smith 3/19/2007 8:09 AM >>>

Ron,

As indicated below Anschutz would like to plug the 9-17 on March 27th.

There will be one welding truck, one Anschutz pickup, one State pickup, and two Redi Mix concrete trucks needing to come through the gate. The welding truck and two pickups will be at the gate around 08:00.

the Redi Mix trucks will be at the gate around 09:00.

Please let me know if this date will work in your schedule.

Ted K. Smith

Department of Natural Resources- Oil, Gas & Mining

1594 W North Temple

PO BOX 145801

Salt Lake City, UT 84114-5801

Phone 801-538-5303

Mobile 801-231-1984

Fax 801-539-3940

>>> "Bob Griffin" <[bob.griffin@aec-denver.com](mailto:bob.griffin@aec-denver.com)> 3/14/2007 4:05 PM >>>

Ted:

I left a message indicating I wanted to do the P&A next week. Actually the day I would

like to do the work is March 27th. If this is a good time with you could get me the phone

number of the person I need to contact at the park service?

Thanks

Bob Griffin ([bob.griffin@aec-denver.com](mailto:bob.griffin@aec-denver.com))

307-360-6069

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>Fee</b>
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: <b>Anschutz Exploration Corporation</b>		8. WELL NAME and NUMBER: <b>Antelope Island 9-17</b>
3. ADDRESS OF OPERATOR: 555 17th St., Suite 2400 CITY <b>Denver</b> STATE <b>CO</b> ZIP <b>80202</b>		9. API NUMBER: <b>4301130003</b>
PHONE NUMBER: <b>(303) 298-1000</b>		10. FIELD AND POOL, OR WILDCAT: <b>Wildcat</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>2493' FNL, 320' FEL</b>		COUNTY: <b>Davis</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NESE 17 3N 3W</b>		STATE: <b>UTAH</b>

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: <b>3/27/2007</b>	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Anschutz Exploration has plugged the Antelope Island 9-17 per the attached daily report.

NAME (PLEASE PRINT) <u>DeVon M. Pester</u>	TITLE <u>Operations Technician</u>
SIGNATURE	DATE <u>5/7/2007</u>

(This space for State use only)

**RECEIVED**  
**MAY 09 2007**



# DAILY DRILLING REPORT

<b>Well Name &amp; Number</b> Antelope Island 9-17	<b>Prospect / Field</b>	<b>Co./ State</b> Davis, Utah
<b>Contractor &amp; Rig #</b>	<b>API #</b> 43-011-30003	<b>Date*</b> March 27, 2007 <b>Rpt #</b> 1

<b>S U M M A R Y</b>	<b>MD</b>	0	<b>24 Hr Drilling Progress (ft)</b>	0	<b>Days Since Spud</b>	0.00	<b>Daily Cost (\$)</b>	2,500	<b>Total Cost to Date (\$)</b>	2,500
	<b>TVD</b>	0								
	<b>Present Operation</b>	P & A		<b>24 hr Activity Forecast</b>						
	Robinson Construction cut cellar drain and capped same. Filled 30"x100' conductor with cement, welded on cap, and welded on legal description. Work witnessed by Ted Smith & Brad Hill ( Ut Oil & Gas Mngmt ) and Ron Taylor ( Ut Parks & Recreation Ranger ) FINAL REPORT  Supervisor - R Griffin									

<b>G E N</b>	<b>BOP TEST</b>	<b>Date:</b>	<b>Time:</b>	<b>LOT</b>	<b>Man Shrt Today</b>	0.0	<b>Fuel Today</b>	0	<b>Boiler Today</b>	0.0	
		<b>Days Since Last BOP Test</b>		0.0 Days	<b>MWE</b>	<b>Cum</b>	0.0	<b>Cum</b>	0	<b>Cum</b>	0.0
	<b>Last Casing</b>	<b>PU WT</b>	<b>SO WT</b>	<b>RT WT</b>	<b>Weather</b>						

<b>M U D</b>	<b>Wt In</b>	<b>Weight Out</b>	<b>PV</b>	<b>YP</b>	<b>Viscosity</b>		<b>Initial Gel</b>	<b>Water Loss</b>	<b>F Cake 32nds</b>	<b>Chlorides ppm</b>	<b>Solids %</b>	<b>pH</b>	<b>Mud Loss Today</b>	<b>Mud Loss Cum</b>	<b>Other</b>
	0.0				Sec	Cps							0	0	

<b>P U M P S</b>	<b>PMP</b>	<b>Model</b>	<b>Type</b>	<b>Stroke</b>	<b>Liner</b>	<b>SPM</b>	<b>Efficiency</b>	<b>GPM</b>	<b>BPM</b>	<b>Pressure</b>	<b>K (SPM)</b>	<b>K (PSI)</b>	<b>Minimum annular velocity (ft/min)</b>
	1							0	0.00				
	2							0	0.00				
<b>Total Pump Rate</b>								0	0.00	<b>Calc ΔP @ bit</b>		<b>Hp Bit/in2</b>	

<b>B I T S</b>	<b>Run #</b>	<b>Bit #</b>	<b>Size</b>	<b>Make</b>	<b>Model</b>	<b>Serial #</b>	<b>Nozzles</b>			<b>Depth (ft)</b>		<b>Feet Drilled</b>	<b>Ft Per Hour</b>	<b>Rot Hours</b>		<b>BIT</b>		<b>Flow Rate</b>
							#	Sz	TFA	In	Last			Cum In	Cum	WT	RPM	GPM
	1	0	0	0	0	0	0	0	0.00	0		0	0.00	0.00	0.00	0.00	0	0
	2	0	0	0	0	0	0	0	0.00	0		0	0.00	0.00	0.00	0.00	0	0
3	0	0	0	0	0	0	0	0.00	0		0	0.00	0.00	0.00	0.00	0	0	
<b>Comments:</b>																		

<b>O P E R A T I O N S</b>	<b>Time Period</b>			<b>Footage</b>		<b>ROP</b>	<b>Operation</b>	<b>Description of Operations</b>	<b>Surveys</b>		
	<b>From</b>	<b>To</b>	<b>HRS</b>	<b>From</b>	<b>To</b>	<b>ft/hr</b>			<b>Depth</b>	<b>Incl.</b>	<b>Azm.</b>
	6:00		0								
	0:00		0								
	0:00		0								
	0:00		0								
	0:00		0								
	0:00		0								
	0:00		0								
	0:00		0								
0:00		0									
0:00		0									
0:00		0									
0:00		0									

RECEIVED

MAY 09 2007

DIV. OF OIL, GAS & MINING

<b>L O G</b>	<b>Total Gas Units</b>			<b>Chromatograph PPM</b>					<b>Formation %</b>			<b>Flare</b>	<b>Shows - depth</b>		
	<b>BG</b>	<b>Conn</b>	<b>Trip</b>	<b>C1</b>	<b>C2</b>	<b>C3</b>	<b>C4</b>	<b>C5+</b>	<b>Shale</b>	<b>Sd</b>	<b>LS</b>				

<b>H R S</b>	<b>Operation</b>	<b>Drilling</b>	<b>Trip/Sv/Sur</b>	<b>Wsh/Ream</b>	<b>Circ/Cond</b>	<b>Rig Repair</b>	<b>Log/Csg</b>	<b>WOC/NU</b>	<b>Other</b>	<b>Total</b>
	Past 24 hr	0	0	0	0	0	0	0	0	0.00
	Total to Date	0	0	0	0	0	0	0	0	0.00

**Reported By:**  
**Phone #: 0**