THE ANSCHUTZ CORPORATION

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

7

February 12, 1980

Mr. Cleon B. Feight
Division of Oil, Gas & Mining
1588 West North Temple
Salt Lake City, Utah 84116

Re: Anschutz Ranch Field
Anschutz Ranch Well No. 10-1
NW¼ Sec.10,T3N,R7E,SLB &M
Summit County, Utah

Dear Mr. Feight,

Attached please find submitted in triplicate, our application for permit to drill and survey plats for the referenced location. Please feel free to contact me should you have any questions. Thank you.

Sincerely yours,

PBD

Peter B. Doty
Operations Coordinator

PBD: amc

Enclosures

RECEIVED
FEB 14 1980
DIVISION OF
OIL, GAS & MINING

Form DOGCC-1a

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work: DRILL [XX] DEEPEN [ ] PLUG BACK [ ]

b. Type of Well: Oil Well [ ] Gas Well [XX] Other Single Zone [ ] Multiple Zone [ ]

2. Name of Operator: The Anschutz Corporation

3. Address of Operator: 555 - 17 th Street Suite 2400 Denver, Colo. 80202

4. Location of Well (Report location clearly and in accordance with any State requirements.*)
At surface: 1371' FNL & 1693' FWL SE NW

At proposed prod. zone: same

5. Lease Designation and Serial No.: Fee

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

8. Farm or Lease Name: Anschutz Ranch

9. Well No.: 10-1

10. Field and Pool, or Wildcat: ~~Anschutz Ranch~~ undesignated

11. Sec., T., R., M., or Blk. and Survey or Area: Sec. 10 T3N R7E SLB & M

12. County or Parrish: Summit 13. State: Utah

14. Distance in miles and direction from nearest town or post office*: Approximately 22 miles SW of Evanston, Wyoming

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any): 3500' ±

16. No. of acres in lease:

17. No. of acres assigned to this well: 320

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

19. Proposed depth: 9250 Twin Creek

20. Rotary or cable tools: Rotary

21. Elevations (Show whether DF, RT, GR, etc.): 7560 GR

22. Approx. date work will start*: 3-15-80

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12 ¼	9 5/8	36#	2000	To surface
8 3/4	7"	17-20#	T.D.	1000 sx. approx.

This well will be drilled to an approximate total depth of 9250' to test the Nugget and Twin Creek Formations. Mud and BOP programs will be those generally used in the area. Electric logs will be run to T.D. No cores are anticipated at this time. Drill stem tests will be run as warranted. If production is obtained casing will be run through the productive intervals and selectively perforated. Frac'ing or acidizing may be required to stimulate production. Blanket Bond is on file. Survey plats are attached.

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: 2-11-80

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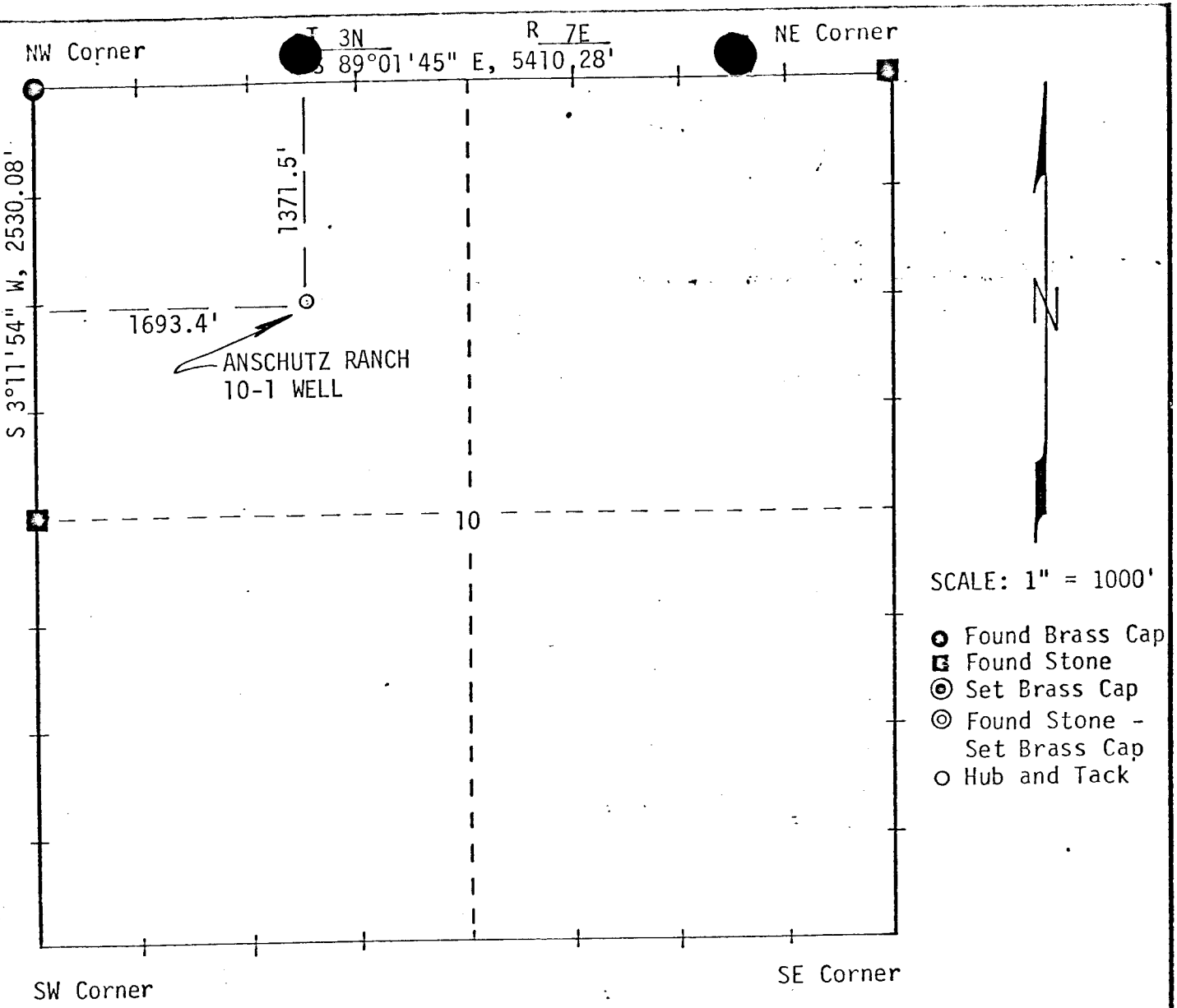
(This space for Federal or State office use)

Permit No. Approval Date

Approved by Title Date

Conditions of approval, if any:

*See Instructions On Reverse Side



I, John A. Proffit of Evanston, Wyoming certify that in accordance with a request from Pete Doty of Denver, Colorado for The Anschutz Corporation I made a survey on the 22nd (21st) day of January, 1980 for Location and Elevation of the Anschutz Ranch 10-1 Well as shown on the above map, the wellsite is in the NW¼ of Section 10, Township 3N, Range 7E of the Salt Lake Base & Meridian, Summit County, State of Utah, Elevation is 7560' Feet Top of Hub Datum U.S.G.S. Quad - Castle Rock, Utah Spot Elevation 7722' SW¼SE¼ Section 34, T4N, R8E

Reference point	NORTH	150'	TOP OF PIN	ELEVATION 7547.9'
Reference point	WEST	200'	TOP OF PIN	ELEVATION 7533.0'
Reference point	EAST	255'	TOP OF PIN	ELEVATION 7588.0'
Reference point	EAST	305'	TOP OF PIN	ELEVATION 7591.5'

John A. Proffit 1/25/80

JOHN A. PROFFIT UTAH R.L.S. NO. 2860

UINTA ENGINEERING & SURVEYING, INC.
808 MAIN STREET, EVANSTON, WYOMING

DATE: January 24, 1980
JOB NO.: 80-20-2

** FILE NOTATIONS **

DATE: February 14, 1980

Operator: Anschutz Corporation

Well No: Anschutz Ranch #10-1

Location: Sec. 10 T. 3N R. 7E County: Summit

File Prepared: [ ] Entered on N.I.D.: [✓]

Card Indexed: [✓] Completion Sheet: [ ]

[✓] API Number 43-043-30131

CHECKED BY:

Geological Engineer: M.J. Minder 2/20/80
Conditioned on the Board approval to extend spacing set by order 183-1

Petroleum Engineer:

Director:
C3 - too close to quarter-quarter section lines

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 [Fee] Plotted on Map [✓]

Approval Letter Written [✓]
KTW

PI
ne

9,10,11

February 20, 1980

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

Re: Well No. Anschutz Ranch #10-1
Sec. 10, T. 3N, R. 7E.,
Summit County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted contingent upon, your petitioning the Board of Oil, Gas and Mining, to extend the spacing set by the Order issued in Cause No. 183-1 to include Section 10, Township 3 North, Range 7 East, Summit County, Utah, and their approval. Commingling of the Twin Carrk and Nugget formations is not permitted.

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 - Geological Engineer
Office: 533-5771
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (acquifers) 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 43-043-30131.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder
Geological Engineer

/btm

cc

September 19, 1980

e Anschutz Corporation
5 17th Street
ite 2400
nver, Colorado 80202

RE: Anschutz Ranch #10-1
Sec. 10, T.3N, R.7E,
Summit County, Utah

ntlemen:

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

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

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

BARBARA HILL
CLERK TYPIST

n/

DST REPORT # 2

OPERATOR The Anschutz Corporation DATE 21 Nov. 80

WELL Ranch 10-1 LOCATION NW NW SEC 10 T3N R7E

TESTING CO. Lynes TYPE TEST

INTERVAL: from 6310 to 6332 FORMATION Preuss

BLOW DESCRIPTION: initial

second Straddle pack DST with inflatable packers

third Misrun-packers did not seat

	TIME	MEASURED PRESSURE	CORRECTED PRESSURE
Initial Hydrostatic			
Final Hydrostatic			
Initial Flow			
Final Initial Flow			
Initial Shut-in			
Second Initial Flow			
Second Final Flow			
Second Shut-in			
Third Initial Flow			
Third Final Flow			
Third Shut-in			
Pressure Below Bottom Packer Bled To			

BOTTOM HOLE TEMPERATURE _____ F RECORDER PRESSURE RANGE _____ PSI

R_{mf} PIT MUD

R_{mf} or R_w SAMPLE

R_{mf} or R_w RECOVERED FLUID

RECOVERY

SAMPLER

REMARKS

Continental Laboratories

File: RM 630 Page 27 of 27

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CL-27

WELL REPORT

THE ANSCHUTZ CORPORATION
RANCH 10-1
SUMMIT COUNTY, UTAH

Geologist- John Isham

RECEIVED
DEC 18 1980
OIL
MINE

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Drilling Time Log - 5" per 100' Back Cover

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RESUMÉ

OPERATOR:	The Anschutz Corporation
ADDRESS:	555 17th. St. Suite 2400, Denver, Colorado
WELL NAME & NO:	Ranch 10-1
LOCATION:	NW NW SEC 10 T3N R7E
COUNTY:	Summit
STATE:	Utah
ELEVATION:	G.L 7320(EST) K.B. 7335.3
SPUD DATE:	29 September 1980
T.D. DATE:	20 November 1980
CONTRACTOR:	Brinkerhoff-Signal
EQUIPMENT:	U40 Drawworks/EC Moore Mast RIG NO: 8
PUMPS:	#2 Gardner Denver PZ8(Triplex) #1 National C350(Duplex)
DRILL PIPE:	4 1/2 XO Class E
DRILL COLLARS:	6 3/4 I.F.
TOOLPUSHER:	J. Carter
DRILLERS:	S. Lucas, R. Bassett, K. Thompson, & P. Dowdy
DRILLING FOREMAN:	M. Grierson (9/29-11/12/80)/ S. Ricks (11/12-11/21/80)
DRILLING FLUID:	
COMPANY:	Baroid
MUD TYPE:	Low Solids-Non Dispersed
ENGINEER	D. Moore
H_2S SAFETY PROGRAM:	NA
TECHNICIANS:	NA
GAS DETECTION:	
COMPANY:	Continental Laboratories, Inc.
ANALYSTS:	C. Stringer, C. Henson, D. Moore, & J. Isham
INSTRUMENTATION:	Total Gas (Filament) Cuttings Gas (Filament) Chromat (Hydrogen Flame)
GEOLOGIST:	Ron Janc (9/29/80-10/9/80)/ John Isham (10/9/80-11/21/80)
SAMPLE PROGRAM:	30' samples surface to 6500'/10' samples 6500'to 7867'
HOLE SIZE:	12 1/4 to 2108' 8 3/4" 2108' to 7866'
CASING:	
SURFACE:	12 1/4" Hole 9 5/8 casing to 2108'

DRILL STEM TEST:

COMPANY:	Lynes
ENGINEER:	S. Ogden

ELECTRIC LOGS:

COMPANY:	Schlumberger
LOG TYPES:	SP-DLL-GR/BHC-Sonic-GR/CNL-FDC-GR/Dipmeter/FIL
ENGINEER:	B. Schreiber

DRILLING TIME:	53 days
TOTAL DEPTH:	7866'
BOTTOM HOLE FORMATION:	Preuss
STATUS OF WELL:	Plugged to 2500 for Directional Redrill

GEOLOGICAL SUMMARY

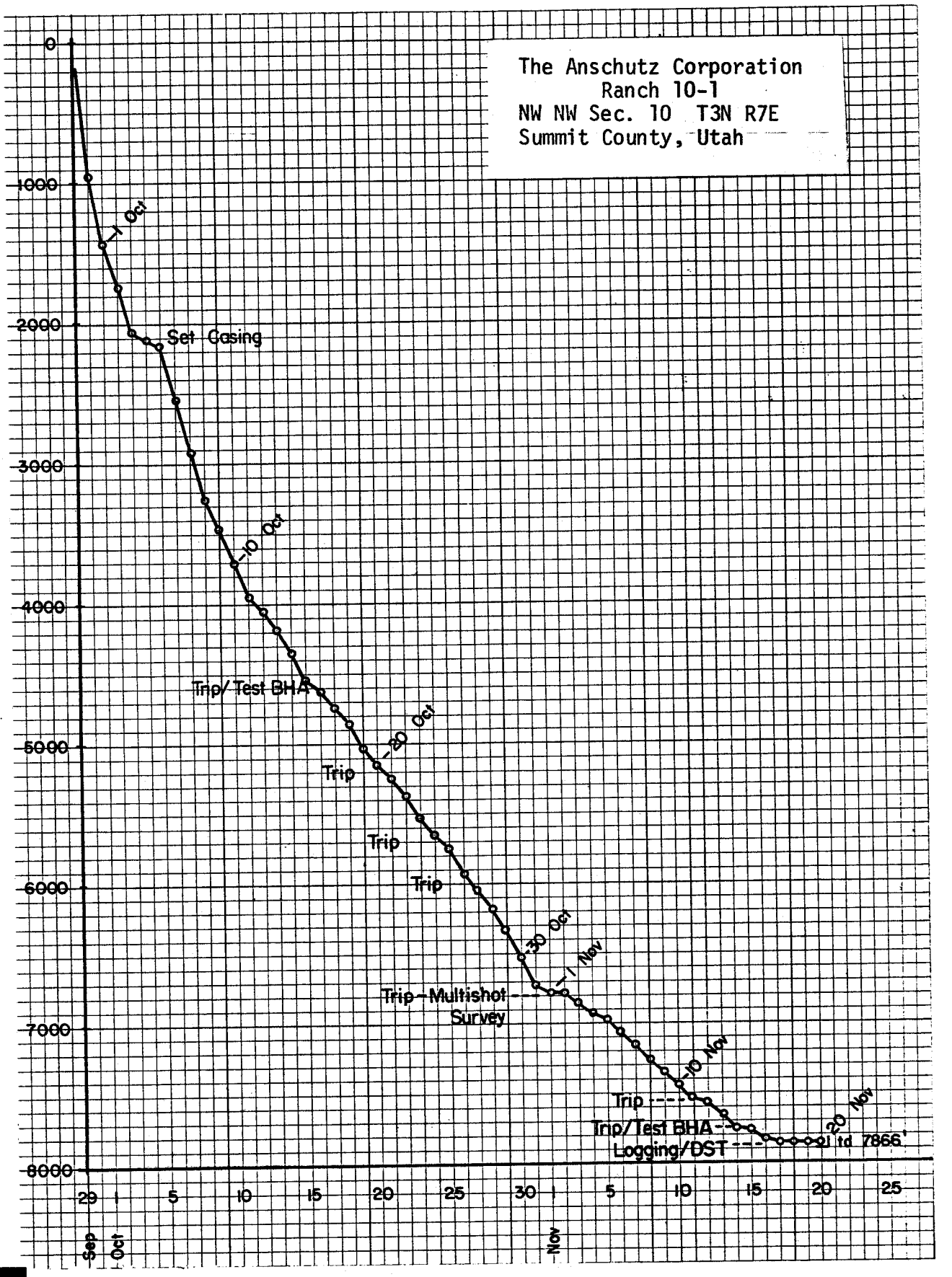
The Anschutz Corporation's Ranch 10-1 (NW NW SEC. 10 T3N R7E) is located in Summit County, in part of Utah's northeastern overthrust belt. The well was spudded on September 29, 1980 and reached a total depth of 7866' on November 20, 1980.

Primary objectives of the well were pay zones in the Upper Jurassic, Twin Creek Formation, with a possible pay zone in the lower Jurassic-upper Triassic Nugget Sandstone.

At a total depth of 7866' the oldest penetrated beds were upper Jurassic of the Preuss Formation. The well was subsequently plugged back for re-entry at a future date with a directional drilling program.

CLI 110-7

DATE VS. DEPTH CURVE



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FORMATION TOPS

PERIOD FORMATION	PROGNOSIS SUBSEA	PROGNOSIS KB	SAMPLES DRILLER'S DEPTH	WIRELINE KB	WIRELINE SUBSEA
Tertiary					
Hennefer	+3410'	3910'	1975'		
Cretaceous					
Frontier			3826'	3805'	+3530'
Jurassic					
Stump/Preuss			4150'		
Fault Zone			5040'	5040'	+2295'
Cretaceous					
Frontier					
Jurassic					
Stump/Preuss			6458'	6450'	+ 885'

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BIT RECORD

BIT NO.	SIZE	MAKE	TYPE	DEPTH IN	DEPTH OUT	FOOTAGE	T / B / G CONDITION	HRS.	FT/HR
1A	12 1/4	HTC	OSC3AJ	90	1663	1565	7 / 5 / I	59 1/2	26.3
2A	12 1/4	HTC	OSC3J	1663	2108	445	5 / 4 / I	31 1/4	14.2
3	8 3/4	HTC	OSC1G	2108	2541	433	6 / 6 / I	19 3/4	21.9
4	8 3/4	HTC	J22	2541	3520	979	3 / 3 / I	67 3/4	14.5
5	8 3/4	HTC	J22	3520	4078	558	5 / 8 / I	80	6.9
6	8 3/4	REED	FP52	4078	4570	492	8 / 4 / 1/4	68 3/4	7.2
7	8 3/4	HTC	J33	4570	5224	654	4 / 3 / 1/4	111 3/4	5.9
8	8 3/4	REED	FP53A	5224	5692	468	2 / 2 / I	83	5.7
9	8 3/4	SEC	S84F	5692	6059	367	8 / 8 / 1/8	46	7.4
RR8	8 3/4	REED	FP53A	6059	6257	198	6 / 4 / 1/8	38	5.2
10	8 3/4	REED	HS51	6257	6737	480	8 / 2 / 1/8	54	8.8
11	8 3/4	REED	HS51	6737	6841	114	4 / 3 / 1/8	29	3.3
12	8 3/4	SEC	S84F	6841	6905	64	3 / 2 / 1/16	16 3/4	3.8
13	8 3/4	HTC	J22	6905	6963	58	5 / 2 / 1/8	13 1/2	4.3
14	8 3/4	HTC	J33	6963	7401	438	7 / 6 / 3/8	106 1/4	4.1
15	8 3/4	SEC	S86F	7401	7748	347	8 / 8 / 3/4	97 1/4	3.6
16	8 3/4	HTC	J33	7748	7861	113	2 / 1 / 1	38	2.4
17	8 3/4	SEC	S86F	7861	7866	6	- / - / -	4	1.5

LITHOLOGY

30' SAMPLES TO 6500'

10' 6500' TO 7867'

468'	HENNEFER FORMATION-TERTIARY/UPPER CRETACEOUS
468' - 706'	Interbedded sandstone-white to gray tan, very fine grained, tight, and claystone-orange tan gray, calcareous
706' - 736'	SANDSTONE - white, coarse, conglomeratic with some interbedded claystone
736' - 856'	SILTSTONE - tan-orange, sandy with silty shale interbeds and thin anhydrite laminae, some free coarse quartz grains in basal section
856' - 1010'	SANDSTONE - white to clear, conglomeratic, unconsolidated, angular to subround with some black chert fragments
1010'- 1746'	CLAYSTONE - orange, tan, greenish gray, soft to firm, very calcareous, silty in part
1746'- 1972'	Alternating Claystone - orange and shale-orange-red gray with thin very fine sandstone and siltstone interbeds
1972'	FRONTIER FORMATION - UPPER CRETACEOUS
1972'- 2050'	No sample - lost circulation-bypassing shaker for lost circulation material-penetration rate decreases @ 1975'
2050'-2170'	SHALE - orange red to red-brown, some light gray to greenish gray, firm, blocky with interbedded siltstone-white gray brown, hard, siliceous, occasional sandstone-white poorly sorted stringers Casing Set At 2108'
2170'- 2400'	No Sample
2400'- 2490'	SHALE - orange-red to reddish brown, some light gray to greenish gray with interbedded siltstone and occasional thin sandstone stringers
2490'- 2640'	SANDSTONE - light gray to gray, some white, very fine grain, hard, siliceous, tight with interbedded Shale-light gray to gray, alternating with brown and yellow, silty calcareous

CLI 110-8

2640'- 2670'	No Sample - All Lost Circulation Material
2670'- 2850'	SHALE - alternating gray with reddish brown to brown, silty calcareous, occasional calcite filled fractures with interbedded Sandstone-white, very fine grain, well sorted, calcareous, some Limestone nodules
2850'- 2970'	SHALE - gray, alternating with dark reddish brown, red, blocky, silty with Limestone Nodules, trace thin anhydrite laminae
2970'- 3000'	No Sample
3000'- 3750'	SHALE - alternating and mottled reddish brown, light brown and gray, blocky, calcareous, silty with Limestone nodule inclusions and Sandstone Stringers-white, very fine grain, trace calcite filled fractures
3750'- 3780'	SHALE - alternating reddish brown and gray, some maroon and lavender, firm, calcareous interbedded with Sandstone-white, reddish brown cast, very fine to fine grain, subround to subangular, clear, frosted, smokey quartz grains with abundant Limestone nodules throughout, also with very soft, white argillaceous Limestone
	NOTE: Wireline top for Preuss is 3805' (+3530' Subsea). This is the top for the Stump/Preuss undifferentiated. This paper will use "Stump" to refer to the Upper Sandy Jurassic Red Bed section and "Preuss" will refer to the Lower Silty section of Jurassic Red Beds. The boundary between the two is gradational.
	<u>Top Preuss undiferentiated/Stump wireline 3805' sample to 3826'</u>
3780'- 3840'	SANDSTONE - white gray, very fine to fine grain, subround to subangular, clear, slightly frosted smokey quartz grains, predominantly hard, tight, siliceous to calcareous with coal and dark chert inclusions interbedded with Shale-reddish brown, firm, silty to very fine sandy, calcareous with Limestone Nodule inclusions
3840'- 3900'	SHALE - reddish brown, brown, dark brown, firm, blocky, calcareous with interbedded Sandstone-white gray, friable to hard, tight with limestone and coal inclusions and Siltstone reddish brown, firm, calcareous

3900'- 4140'	Predominantly Sandstone - buff, cream, tan, very fine to fine grain, round to subangular, clear, slightly frosted and amber quartz grains-friable, calcareous occasional glauconitic limestone, chert inclusions with interbedded Shale-brown to dark brown gray, reddish brown, firm, blocky, silty to clayey with traces red Chert and Limestone Nodules, traces free calcite from fractures
4150'	Top Preuss
4140'- 4260'	Interbedded Shale - brown, tan gray, reddish brown, blocky, silty and Siltstone reddish brown, brown to dark brown, occasionally orange, tan, blocky, calcareous with Sandstone-tan, very fine to fine grain, calcareous silty stringer traces of Anhydrite throughout
4260'- 4440'	SILTSTONE - light to dark brown, some reddish brown, firm, blocky, calcareous with interbeds of Shale-brown to dark brown, reddish brown some with calcite partings and Sanstone tan to brown, very fine to fine quartz grains, firm, silty to argillaceous with traces yellow red brown, Chert and Anhydrite
4440'- 4590'	SILTSTONE - tan to brown to reddish brown, firm, calcareous trace calcite filled fractures with interbedded Sandstone and Shale and traces of Anhydrite
4590'- 4680'	SANDSTONE - white with brownish cast to tan, very fine to fine grain with some medium grains subround, clear to slightly frosted-amber quartz grains with interbedded Siltstone and Shale with traces of reddish orange chert and white anhydrite
4680'- 5040'	Predominantly Siltstone tan to brown, alternating with red to reddish brown, firm, calcareous with some interbedded tan, very fine grain sandstone Electric Logs Indicate Fault Zone at 5040'
5040'	FRONTIER FORMATION - LOWER CRETACEOUS
5040'- 5100'	SANDSTONE - white to very light gray, fine to coarse grain, subangular to angular, predominantly hard, tight with traces intergranular porosity in top of section, traces chert, limestone, quartzite, feldspar and trace glauconite inclusions and interbeds of Shale-red, very soft, slightly argillaceous
5100'- 5130'	SHALE - light orange, very soft, calcareous (sample washes away)

5130'- 5190'	CONGLOMERITIC SANDSTONE - white, light gray, medium grain to broken pebble size, round to angular, clear to frosted, some amber quartz grains with abundant light colored chert-hard, tight with some limestone inclusions with interbedded Shale-orangish red, very soft with gray greenish-gray, reddish brown to light brown, firm, blocky, slightly calcareous
5190'- 5730'	SHALE - predominantly reddish brown to brown, some light to medium gray predominantly firm, blocky, silty to smooth subwaxy, calcareous in part with some interbedded Sandstone- white to light gray, predominantly fine to medium grain, subround to subangular quartz grains-hard, tight slightly calcareous, some Limestone in thin beds-gray, microcrystalline, hard traces of Chert throughout
5730'- 5820'	CONGLOMERITIC SANDSTONE - white to light gray, some with brownish cast, fine to coarse grain, subround to subangular, clear to slightly frosted quartz grains-slightly friable to hard, tight, slightly siliceous to very calcareous with abundant Chert (to 40%)-light gray-white, translucent and limestone nodules with interbedded Shale-light gray, reddish brown to brown to red, smooth to silty with occasional calcareous partings
5820'- 5880'	SHALE - predominantly light to medium gray, greenish gray, firm, smooth, clayey with Limestone-white, soft, earthy, clayey and thin gray, tan, microcrystalline stringers
5880'- 5940'	SHALE - light brown to brown, reddish brown, light orange, maroon, purple, mottled, firm, blocky, silty with light gray to gray, greenish gray, firm, smooth clayey trace calcite filled fractures, Chert inclusions-yellow, light gray, milky and trace green specular
5940'- 5970'	SHALE - dark red, reddish brown to dark brown, firm, blocky with abundant calcite filled fractures, trace free, clear calcite
5970'-6180'	INTERBEDDED SHALE - reddish brown, tan to brown, firm, silty, brown gray, firm, smooth-subwaxy clayey and Sandstone-white gray, round to subround, clear to slightly frosted quartz grains
6180'- 6240'	SHALE - dark brownish red, firm, blocky, silty with hackly texture to clayey with smooth subwaxy texture

6240'- 6294'	SHALE - predominantly reddish brown to orangish red, firm, very fine sandy with interbedded Siltstone-orangish red, firm, calcareous
6294'- 6334'	SANDSTONE - white to very light gray, very fine to coarse grain, subround to angular, clear quartz grains-friable to hard, calcareous in part with shale, limestone and chert inclusions, trace intergranular porosity
6334'- 6396'	INTERBEDDED SHALE - reddish brown, firm and orange, very soft and Sandstone-white-tan, very fine to medium grain, hard with abundant Chert-white, red, light yellow, translucent
6396'- 6458'	CHERT CONGLOMERATE - predominantly white, light gray, translucent with some clear, red and yellow
6458'	Top Preuss Undifferentiated Wireline 6450'
6458'- 6540'	SHALE - reddish brown to brown, reddish orange, purple, firm, silty to clayey, interbedded with Siltstone-reddish brown, calcareous and Sandstone-tan, very silty
6540'- 6730'	PREDOMINANTLY SILTSTONE - brown, firm, calcareous with occasional stringers of Sandstone-tan, very fine grain, firm, calcareous
6730'- 7866'	INTERBEDDED SHALE - tan to brown, gray, greenish gray, reddish brown, firm, silty with hackly texture to smooth texture, clayey with limestone nodules and red chert inclusions, Siltstone-reddish brown to brown, firm, calcareous, argillaceous Sandstone-tan to brown, very fine to fine grain, firm to hard, siliceous in part, calcareous with occasioanl very thin beds of Limestone-tan, gray, hard
7866'	Total Depth - Plugged to 2500' for Re-entry

CHRONOLOGICAL SUMMARY

DATE	MIDNIGHT DEPTH 24 HRS.	FOOTAGE ( )	OPERATION	REMARKS
30SEPT 80	492'	(492)	DRILLING	12 3/4" hole-Bit #1 HTC OSC 3AJ WOB 10/15 @ 80 RPM PP1400 # @ 120 SPM
1 OCT 80	975'	(483)	DRILLING	WOB 10/15 @ 80 RPM PP 1400 # @ 120 SPM
2 OCT 80	1420'	(445)	DRILLING TO 1648'	WOB 30 @ 80 RPM PP 1350 @ 120 SPM
3 OCT 80	2050'	(630)	DRILLING	Lost circulation @ 1852'-200 bbl-resume drilling, both pumps on hole penetration rate decreases @ 1975' WOB 15,000 RPM 80 PP 1000 SPM 60
4 OCT 80	2108'	(58)	DRILLING TO 2108' RUN CASING	WOB 15/20,000 RPM 80 PP 400 SPM 120 Circulate-Pull out of hole-Ran 52 joints 9 5/8" K55 casing cement w/600 sacks Poz Mix + 550 sacks class G cement- Waiting On Cement
5 OCT 80	2150'	(42)	WOC	Waiting on Cement-Nipple Up Stack-Yellow Jacket(Pressure Test) G.O.P. Stack Casing to 2108'
			DRILLING	Drilled out cement @ 4 PM WOB 20,000 RPM 48 PP 1150 SPM 120 Bit #3 HTC OSC 1 GJ
6 OCT	2518'	(368')	DRILLING TRIP FOR BIT	To 2541 P.O.H. 2541-Dress Bit, New Bit #4 Hughes J22 TIH
7 OCT 80	2818'	(300)	DRILLING	WOB 20,000 RPM 65 PP 950 SPM 120
8 OCT 80	3175'	(357)	DRILLING	WOB 25,000 RPM 60 PP 1000 SPM 120
9 OCT 80	3436'	(261)	DRILLING	WOB 20,000 RPM 60 PP 1000 SPM 120

CLI 110-3A

DATE	MIDNIGHT DEPTH	FOOTAGE 24 HRS. ( )	OPERATION	REMARKS
10 OCT 80	3590'	(154)	DRILLING ROUND TRIP	To 3532/WOB 20/25 RPM 75 PP 1150 SPM 120 P.O.H.-Dress Bit, NB #5-Hughes J22-T.I.H.
11 OCT 80	3752'	(162)	DRILLING	WOB 18/30 RPM 75 PP 1150 SPM 120
12 OCT 80	3924'	(121)	DRILLING	WOB 18/30 RPM 75/60 PP 1100 SPM 120
13 OCT 80	4055'	(131)	DRILLING ROUND TRIP	WOB 30 RPM 60 PP 1100 SPM 120 4078' P.O.H.-Dress Bit & Check Reamers NB #6 Reed FP52-TIH
14 OCT 80	4198'	(143)	DRILLING	WOB 20/25 RPM 70/65 PP 1350 SPM 120
15 OCT 80	4355'	(157)	DRILLING	WOB 25/30 RPM 70/65 PP 1350 SPM 120
16 OCT 80	4539'	(184)	DRILLING ROUND TRIP DRILLING	To 4563 WOB 30 RPM 65 PP 1350 SPM 120 P.O.H.-Inspect Collars and Kelly-Lay Down Cracked Kelly Cock-Dress Bit, N.B. 37 Hughes J33-Trip Into Hole WOB 30,000 RPM 65 PP 1350 SPM 120
17 OCT 80	4610'	(71)	DRILLING	WOB 30 RPM 60 PP 1300 SPM 120
18 OCT 80	4741'	(131)	DRILLING	WOB 30/40 RPM 52 PP 1300 SPM 120
19 OCT 80	4861'	(120)	DRILLING	WOB 40 RPM 52 PP 1300 SPM 120
20 OCT 80	5001'	(140)	DRILLING	WOB 30/40 RPM 50 PP 1300 SPM 120
21 OCT 80	5146'	(145)	DRILLING ROUND TRIP	WOB 40 RPM 50 PP 1300 SPM 120 P.O.H.
22 OCT 80	5252'	(105)	DRILLING	WOB 40 RPM 60 PP 1200 SPM 120

DATE	MIDNIGHT DEPTH	FOOTAGE 24 HRS. ( )	OPERATION	REMARKS
23 OCT 80	5388'	(136)	DRILLING	WOB 40 RPM 60 PP 1200 SPM 120
24 OCT 80	5522'	(134)	DRILLING	WOB 40 RPM 60 PP 1200 SPM 120
25 OCT 80	5645'	(123)	DRILLING ROUND TRIP DRILLING	WOB 40 RPM 60 PP 1200 SPM 120 5692' P.O.H.- Dress Bit-NB #9 Security S84F-T.I.H.-2' Fill 5692'-5756' WOB 40 RPM 45 PP 1350 SPM 120
26 OCT 80	5756'	(111)	DRILLING	WOB 40 RPM 45 PP 1350 SPM 120
27 OCT 80	5903'	(153)	DRILLING ROUND TRIP	WOB 40 RPM 45 PP 1350 SPM 120 6059' P.O.H.- Dress Bit-Bit #10/RR #8 Reed FP53A-TIH 6059'-6069' WOB 45 RPM 60 PP 1400 SPM 120
28 OCT 80	6069'	(160)	DRILLING	WOB 45 RPM 60 PP 1400 SPM 120
29 OCT 80	6198'	(129)	DRILLING ROUND TRIP	WOB 40/45 RPM 60 PP 1400 SPM 120 6257' P.O.H.- Lay Down 1 Stabilizer + 1 Set Jars-Pick Up New Stabilizer + Jars Dress Bit NB #11 Reed HS 51 T.I.H.
30 OCT 80	6308'	(110)	DRILLING	WOB 38 RPM 52 PP 1400 SPM 120 6429' Circulate Out Samples From Drilling Break To Check for Salt
31 OCT 80	6507'	(199)	DRILLING	WOB 40 RPM 52 PP 1400 SPM 120
1 NOV 80	6728'	(221)	DRILLING ROUND TRIP DRILLING TRIP OUT	WOB 40 RPM 52 PP 1400 SPM 120 6737' Dress Bit NB #12 HS51 WOB 15/20 RPM 70 PP 1350 SPM 120 6783' For Monel Drill Collar

DATE	MIDNIGHT DEPTH 24 HRS.	FOOTAGE ( )	OPERATION	REMARKS
2 NOV 80	6783'	(55)	TRIP OUT/IN	Pick Up Monel-Circulate-Drop Survey-Trip Out With Multishot Survey Tool-Lay Down Monel Collar-Trip In Inspecting Bottom Hole Assembly-Lay Down 3 Joints Collars
			DRILLING	Rerun Bit #12 HS51- WOB 15/20 RPM 70 PP 1350 SPM 120
3 NOV 80	6791'	(8)	DRILLING ROUND TRIP	WOB 15 RPM 70 PP 1350 SPM 120 6841' Trip Out-Lay Down Bit Sub-Pick Up Shock Sub-Dress Bit-NB #13 S84F-Trip Into Hole-Washed 36'-No Fill
			DRILLING	WOB 25 RPM 60 PP 1350 SPM 120
4 NOV 80	6851'	(60)	DRILLING ROUND TRIP 6905'	WOB 25 RPM 60 PP 1350 SPM 120 Trip Out-Pick Up 5 Drill Collars-Dress Bit-NB #14 J22-Trip Into Hole Wash 50' To Bottom-No Fill
			DRILLING	WOB 40 RPM 45 PP 1350 SPM 120
5 NOV 80	6918'	(67)	DRILLING	WOB 40 RPM 45 PP 1350 SPM 120 6963' Trip Out-Reposition Stabilization In Bottom Hole Assembly-Dress Bit NB #15 J33-Trip Into Hole-Wash 42' To Bottom
			DRILLING	WOB 40 RPM 45 PP 1350 SPM 120
6 NOV 80	6995'	(77)	DRILLING	WOB 40 RPM 45 PP 1350 SPM 120
7 NOV 80	7093'	(98)	DRILLING	WOB 35 RPM 52 PP 1350 SPM 120
8 NOV 80	7173'	(80)	DRILLING	WOB 30 RPM 60 PP 1350 SPM 120

DATE	MIDNIGHT DEPTH 24 HRS.	FOOTAGE ( )	OPERATION	REMARKS
9 NOV 80	7262'	(89)	DRILLING	WOB 35 RPM 60 PP 1350 SPM 120
10 NOV 80	7354'	(92)	DRILLING	WOB 35 RPM 60 PP 1350 SPM 120
			ROUND TRIP	7401' Strap Out of Hole (No Correction) Check BOP Stack-Dress Bit NB # 16 S-86-F-Trip Into Hole-REDM 70' No Fill
			DRILLING	WOB 35 RPM 60 PP 1350 SPM 120
11 NOV 80	7419'	(65)	DRILLING	WOB 20 RPM 65 PP 1350 SPM 120
12 NOV 80	7518'	(99)	DRILLING	WOB 20 RPM 65 PP 1350 SPM 120
13 NOV 80	7599'	(81)	DRILLING	WOB 20 RPM 65 PP 1350 SPM 120
14 NOV 80	7681'	(82)	DRILLING	WOB 20 RPM 65 PP 1350 SPM 120
15 NOV 80	7748'	(67)	ROUND TRIP	7748'-Trip out of hole-Inspect bottom hole assembly Lay down 1 drill collar-Dress Bit NB #17 J33-Cut Drilling Line-Trip into hole Ream 79' to bottom
16 NOV 80	7755'	(8)	DRILLING	WOB 20 RPM 65 PP 1400 SPM 120
17 NOV 80	7828'	(73)	DRILLING	WOB 20 RPM 65 PP 1400 SPM 120
			TRIP FOR E-LOGS	7861' Circulate to condition hole-Trip Out-Logging
18 NOV 80	7861'	(33)	LOGGING	
19 NOV 80	7861'	(0)	LOGGING	

DATE	MIDNIGHT DEPTH FOOTAGE 24 HRS.	( )	OPERATION	REMARKS
20 NOV 80	7861'	(0)		Circulate-Short Trip
			DRILLING	WOB 20 RPM 65 PP 1200 SPM 120
			TRIP OUT	7866' Trip out for DST Rig DST Tool-Trip into hole- Rig G.O. Wireline-Run Gamma Tool to locate test section
21 NOV 80	7866'	(5)	DST #1&2	6305'-6332' Misrun-Straddle Packer fails to seat-Trip out of hole-Pick up new tool-Trip in hole-Straddle Packer fails to seat 6310'-6332' Trip out-Rig up for cementing
				Loggers & Geologist released.

DEVIATION SURVEYS

DEPTH	DEVIATION	METHOD
130'	1/4°	Wireline
345'	1 1/2°	Wireline
405'	1/4°	Wireline
488'	1/4°	Wireline
638'	1/4°	Wireline
800'	1/2°	Wireline
1047'	1/4°	Wireline
1106'	1/2°	Wireline
1251'	3/4°	Wireline
1354'	3/4°	Wireline
1445'	1/2°	Wireline
1538'	1/2°	Wireline
1631'	1/4°	Wireline
1723'	3/4°	Wireline
1818'	1/8°	Wireline
1914'	1/8°	Wireline
2066'	0°	Wireline
2172'	1/2°	Wireline
2233'	1/2°	Wireline
2494'	3/4°	Wireline
2338'	3/4°	Wireline
2420'	3/4°	Wireline
2450'	3/4°	Wireline
2510'	1/2°	Wireline
2591'	3/4°	Wireline
2685'	1/2°	Wireline
2778'	1°	Wireline
2868'	1 1/8°	Wireline
2961'	1/2°	Wireline
3053'	1/4°	Wireline
3146'	1/2°	Wireline
3269'	1 1/4°	Wireline
3269'	1 1/8°	Wireline
3329'	3/4°	Wireline

DEPTH	DEVIATION	METHOD
3390'	3/4°	Wireline
3351'	1 1/4°	Wireline
3513'	1 3/4°	Wireline
3544'	1 3/4°	Wireline
3606'	1 1/4°	Wireline
3666'	1 1/2°	Wireline
3698'	2°	Wireline
3758'	1 3/4°	Wireline
3941'	2 1/4°	Wireline
4007'	2°	Wireline
4070'	2 1/2°	Wireline
4130'	2 1/2°	Wireline
4221'	2 3/4°	Wireline
4313'	3°	Wireline
4343'	3 1/4°	Wireline
4405'	3°	Wireline
4499'	3°	Wireline
4570'	3°	Dropped
4655'	3 1/2°	Wireline
4747'	3 1/2°	Wireline
4839'	3 3/4°	Wireline
4933'	4°	Wireline
5027'	3 1/2°	Wireline
5120'	4 1/4°	Wireline
5187'	4°	Wireline
5273'	4 1/2°	Dropped
5367'	4 3/4°	Wireline
5466'	4 3/4°	Wireline
5555'	4 3/4°	Wireline
5644'	5°	Wireline
5737'	5°	Wireline
5824'	5°	Wireline
5420'	5 1/2°	Wireline
6012'	5 3/4°	Wireline

Sperry-Sun Multishot Directional Survey #1

DEPTH	DEVIATION	AZIMUTH
2206'	1/3°	S38W
2299'	3/4°	S34W
2391'	1°	S38W
2484'	3/4°	S17W
2577'	1°	S63W
2669'	1°	S30W
2762'	3/4°	S14W
2815'	3/4°	S01E
2947'	3/4°	S09E
3040'	3/4°	S39E
3133'	1°	S40E
3225'	1°	S73E
3318'	1°	S88E
3411'	1°	N75E
3503'	1 1/2°	N68E
3586'	2°	N74E
3689'	2°	N61E
3781'	2°	N68E
3874'	2°	N66E
3967'	2°	N65E
4059'	2 3/4°	N70E
4152'	3°	N70E
4245'	3 1/4°	N66E
4337'	3 1/4°	N63E
4430'	3°	N65E
4529'	3 1/4°	N60E
4615'	3 1/2°	N61E
4708'	3 1/2°	N61E
4801'	4°	N65E
4893'	4°	N63E
4986'	4°	N66E

Sperry-Sun Multishot Directional Survey #1

DEPTH	DEVIATION	AZIMUTH
5079'	4 1/4°	N57E
5171'	4 1/4°	N53E
5264'	5°	N49E
5357'	5°	N45E
5449'	5°	N45E
5542'	5°	N41E
5635'	5 1/4°	N40E
5727'	5 1/4°	N36E
5820'	5 1/4°	N29E
5913'	5 3/4°	N22E
6005'	6°	N16E
6098'	6°	N15E
6191'	6°	N15E
6283'	6°	N16E
6376'	6 1/4°	N14E
6469'	6 1/4°	N04E
6561'	8°	N17W
6654'	9 3/4°	N24W
6747'	12°	N52W
6772'	12 1/4°	N39W

Total Horizontal Displacement=213 Feet N32° 56' E

Sperry-Sun Multishot Directional Survey #2

Tie In Coordinates 6772' 12 1/4° N39W

DEPTH	DEVIATION	AZIMUTH
6836'	12 1/2°	N36W
6929'	12 1/2°	N38W
7022'	12 1/2°	N37W
7116'	12 3/4°	N37W
7209'	13 1/2°	N39W
7302'	14 3/4°	N37W
7395'	15 3/4°	N45W
7488'	15 1/4°	N46W
7581'	15 1/4°	N48W
7675'	15°	N49W
7768'	15 1/2°	N48W
7861'	14 3/4°	N47W

Total Horizontal Displacement=376' N7° 53' W

Continental Laboratories

DAILY MUD REPORTS

DATE	DEPTH	WT	VIS	WL	pH	PV/YP	GELS	SOLIDS	F.C.	CHLORIDE
29SEPT80	345	8.8	39	20.4	8.0	8/4	4/9	3.4	2/32	900
30SEPT80	924	8.9	37	19.8	8.0	8/7	4/9	4.0	2/32	900
1 OCT80	1424	8.9	35	18.8	8.0	8/8	4/-	4.0	2/32	800
2 OCT80	1723	8.4	37	21.6	8.0	8/6	4/9	0.5	3/32	900
3 OCT80	2067	9.1	36	19.8	8.0	7/6	4/8	5.7	3/32	800
4 OCT80	2108	9.3	35	22.6	8.0	7/5	3/8	7.2	3/32	400
5 OCT80	2170	9.1	48	29.6	11.6	14/24	12/31	5.7	3/32	400
6 OCT80	2541	9.0	34	9.6	8.6	9/4	2/5	5.7	2/32	400
7 OCT80	2928	8.8	37	10.2	9.2	9/5	3/8	3.4	2/32	400
8 OCT80	3269	9.0	37	9.8	9.6	10/6	4/9	4.9	2/32	400
9 OCT80	3500	9.1	43	10.1	9.4	14/10	4/11	5.6	2/32	400
10 OCT80	3646	8.9	40	8.0	9.5	10/8	2/8	4.2	2/32	700
11 OCT80	3824	8.7	39	8.4	9.5	10/8	3/8	2.7	2/32	600
12 OCT80	3965	9.0	39	8.4	9.5	10/10	3/10	4.5	2/32	600
13 OCT80	4078	8.8	41	8.8	9.0	10/10	4/10	3.5	2/32	500
14 OCT80	4263	8.7	38	12.0	11.0	7/13	5/12	3.0	2/32	500
15 OCT80	4427	8.6	37	10.0	9.0	9/7	3/6	2.0	2/32	500
16 OCT80	4566	8.6	41	10.0	9.5	8/10	5/12	2.0	2/	400
18 OCT80	4776	8.5	40	8.0	9.5	10/8	4/12	2.0	2/	600
19 OCT80	4907	8.7	39	7.6	9.5	8/6	2/6	2.5	2/	600
20 OCT80	5041	8.7	38	6.0	9.5	10/7	4/9	2.5	2/	500
21 OCT80	5188	8.7	38	6.0	9.5	9/6	2/6	2.5	2/	400

Continental Laboratories

DAILY MUD REPORTS

DATE	DEPTH	WT	VIS	WL	pH	PV/YP	GELS	SOLIDS	F.C.	CHLORIDE
29SEPT80	345	8.8	39	20.4	8.0	8/4	4/9	3.4	2/32	900
30SEPT80	924	8.9	37	19.8	8.0	8/7	4/9	4.0	2/32	900
1 OCT80	1424	8.9	35	18.8	8.0	8/8	4/-	4.0	2/32	800
2 OCT80	1723	8.4	37	21.6	8.0	8/6	4/9	0.5	3/32	900
3 OCT80	2067	9.1	36	19.8	8.0	7/6	4/8	5.7	3/32	800
4 OCT80	2108	9.3	35	22.6	8.0	7/5	3/8	7.2	3/32	400
5 OCT80	2170	9.1	48	29.6	11.6	14/24	12/31	5.7	3/32	400
6 OCT80	2541	9.0	34	9.6	8.6	9/4	2/5	5.7	2/32	400
7 OCT80	2928	8.8	37	10.2	9.2	9/5	3/8	3.4	2/32	400
8 OCT80	3269	9.0	37	9.8	9.6	10/6	4/9	4.9	2/32	400
9 OCT80	3500	9.1	43	10.1	9.4	14/10	4/11	5.6	2/32	400
10 OCT80	3646	8.9	40	8.0	9.5	10/8	2/8	4.2	2/32	700
11 OCT80	3824	8.7	39	8.4	9.5	10/8	3/8	2.7	2/32	600
12 OCT80	3965	9.0	39	8.4	9.5	10/10	3/10	4.5	2/32	600
13 OCT80	4078	8.8	41	8.8	9.0	10/10	4/10	3.5	2/32	500
14 OCT80	4263	8.7	38	12.0	11.0	7/13	5/12	3.0	2/32	500
15 OCT80	4427	8.6	37	10.0	9.0	9/7	3/6	2.0	2/32	500
16 OCT80	4566	8.6	41	10.0	9.5	8/10	5/12	2.0	2/	400
18 OCT80	4776	8.5	40	8.0	9.5	10/8	4/12	2.0	2/	600
19 OCT80	4907	8.7	39	7.6	9.5	8/6	2/6	2.5	2/	600
20 OCT80	5041	8.7	38	6.0	9.5	10/7	4/9	2.5	2/	500
21 OCT80	5188	8.7	38	6.0	9.5	9/6	2/6	2.5	2/	400

Continental Laboratories

DAILY MUD REPORTS

DATE	DEPTH	WT	VIS	WL	pH	PV/YP	GELS	SOLIDS	F.C.	CHLORIDE
22 OCT80	5298	8.8	43	6.0	9.5	11/8	4/8	3.0	2/32	300
23 OCT80	5434	8.7	40	6.0	9.5	12/7	2/7	2.5	2/32	300
24 OCT80	5563	8.8	42	6.0	9.5	14/10	3/8	3.0	2/32	300
25 OCT80	5682	8.8	45	6.0	9.5	14/9	4/8	3.0	2/32	400
26 OCT80	5828	8.7	41	6.0	9.5	12/8	2/8	2.5	2/32	400
27 OCT80	6027	8.7	40	4.0	10.5	11/9	3/9	2.5	2/32	400
28 OCT80	6069	8.7	40	5.0	9.5	10/8	3/8	2.5	2/32	400
29 OCT80	6198	8.7	40	5.0	9.5	11/9	2/7	2.5	2/32	450
30 OCT80	6308	8.8	41	5.0	9.5	12/9	3/9	3.0	2/32	500
31 OCT80	6507	8.8	41	5.2	9.5	11/8	3/8	3.0	2/32	500
1 NOV80	6728	8.8	40	4.8	10.5	10/8	3/8	TRACE	2/32	400
2 NOV80	6783	8.8	40	4.8	10.0	11/7	3/6	3.0	2/32	450
3 NOV80	6821	8.9	40	4.0	10.0	13/8	2/7	4.0	2/32	400
4 NOV80	6875	8.8	41	6.0	10.0	12/10	3/9	3.5	2/32	500
5 NOV80	6949	8.8	40	5.6	10.0	12/10	3/10	3.5	2/32	500
6 NOV80	7024	8.8	41	5.2	9.5	12/10	4/10	3.5	2/32	500
7 NOV80	7115	8.8	43	4.8	9.0	11/9	2/8	3.5	2/32	600
8 NOV80	7201	8.7	40	6.0	9.5	11/7	2/7	3.0	2/32	500
9 NOV80	7289	8.8	39	6.0	9.5	11/9	1/6	3.5	2/32	400
10 NOV80	7385	8.8	38	6.0	9.5	12/8	2/7	3.5	2/32	600
11 NOV80	7455	8.7	43	6.0	10.0	14/12	3/9	3.0	2/32	600
12 NOV80	7541	8.7	39	6.0	9.5	12/8	2/6	3.0	2/32	600
13 NOV80	7627	8.7	40	6.0	10.0	12/7	1/6	3.0	2/32	600

Continental Laboratories

DAILY MUD REPORTS

DATE	DEPTH	WT	VIS	WL	pH	PV/YP	GELS	SOLIDS	F.C.	CHLORIDE
22 OCT80	5298	8.8	43	6.0	9.5	11/8	4/8	3.0	2/32	300
23 OCT80	5434	8.7	40	6.0	9.5	12/7	2/7	2.5	2/32	300
24 OCT80	5563	8.8	42	6.0	9.5	14/10	3/8	3.0	2/32	300
25 OCT80	5682	8.8	45	6.0	9.5	14/9	4/8	3.0	2/32	400
26 OCT80	5828	8.7	41	6.0	9.5	12/8	2/8	2.5	2/32	400
27 OCT80	6027	8.7	40	4.0	10.5	11/9	3/9	2.5	2/32	400
28 OCT80	6069	8.7	40	5.0	9.5	10/8	3/8	2.5	2/32	400
29 OCT80	6198	8.7	40	5.0	9.5	11/9	2/7	2.5	2/32	450
30 OCT80	6308	8.8	41	5.0	9.5	12/9	3/9	3.0	2/32	500
31 OCT80	6507	8.8	41	5.2	9.5	11/8	3/8	3.0	2/32	500
1 NOV80	6728	8.8	40	4.8	10.5	10/8	3/8	TRACE	2/32	400
2 NOV80	6783	8.8	40	4.8	10.0	11/7	3/6	3.0	2/32	450
3 NOV80	6821	8.9	40	4.0	10.0	13/8	2/7	4.0	2/32	400
4 NOV80	6875	8.8	41	6.0	10.0	12/10	3/9	3.5	2/32	500
5 NOV80	6949	8.8	40	5.6	10.0	12/10	3/10	3.5	2/32	500
6 NOV80	7024	8.8	41	5.2	9.5	12/10	4/10	3.5	2/32	500
7 NOV80	7115	8.8	43	4.8	9.0	11/9	2/8	3.5	2/32	600
8 NOV80	7201	8.7	40	6.0	9.5	11/7	2/7	3.0	2/32	500
9 NOV80	7289	8.8	39	6.0	9.5	11/9	1/6	3.5	2/32	400
10 NOV80	7385	8.8	38	6.0	9.5	12/8	2/7	3.5	2/32	600
11 NOV80	7455	8.7	43	6.0	10.0	14/12	3/9	3.0	2/32	600
12 NOV80	7541	8.7	39	6.0	9.5	12/8	2/6	3.0	2/32	600
13 NOV80	7627	8.7	40	6.0	10.0	12/7	1/6	3.0	2/32	600

DATE	DEPTH	WT	VIS	WL	pH	PV/YP	GELS	SOLIDS	F.C.	CHLORIDE
14 NOV80	7703	8.7	40	6.0	9.5	12/8	2/6	3.0	2/32	500
15 NOV80	7748	8.7	39	6.0	9.5	12/7	2/9	3.0	2/32	500
16 NOV80	7782	8.7	39	6.0	9.5	12/6	1/6	3.0	2/32	600
17 NOV80	7850	8.7	41	6.8	9.5	15/9	1/5	3.0	2/32	400
18 NOV80	7860	8.7	46	5.2	9.5	11/10	2/8	3.0	2/32	500
19 NOV80	7861	8.8	40	6.0	9.5	12/10	1/6	3.5	2/32	700
20 NOV80	7862	8.7	39	6.0	10.0	10/8	2/6	3.0	2/32	600
21 NOV80	N O	M U D	C H E C K	C L E A N I N G	H O L E	T O	P L U G			

DST REPORT # 1

OPERATOR The Anschutz Corporation DATE 20 Nov. 80

WELL Ranch 10-1 LOCATION NW NW SEC 10 T3N R7E

TESTING CO. Lynes TYPE TEST

INTERVAL: from 6305 to 6332 FORMATION Preuss

BLOW DESCRIPTION: initial

second Straddle Packed DST with inflatable packers.

third Misrun-Packers did not seat

	TIME	MEASURED PRESSURE	CORRECTED PRESSURE
Initial Hydrostatic			
Final Hydrostatic			
Initial Flow			
Final Initial Flow			
Initial Shut-in			
Second Initial Flow			
Second Final Flow			
Second Shut-in			
Third Initial Flow			
Third Final Flow			
Third Shut-in			
Pressure Below Bottom Packer Bled To			

BOTTOM HOLE TEMPERATURE _____ F RECORDER PRESSURE RANGE _____ PSI

R_{mf} PIT MUD

R_{mf} or R_w SAMPLE

R_{mf} or R_w RECOVERED FLUID

RECOVERY

SAMPLER

REMARKS

Continental Laboratories

10-58

April 3, 1981

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

Re: Well No.Anschutz Ranch 10-1
Sec. 10, T. 3N. R. 7E.
Summit County, Utah
(January 1981- March 1981)

Gentlemen:

Our records indicate that you have not filed the Monthly drilling reports for the months indicated above on the subject well.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1B, (U.S. Geological Survey Form 9-331) :Sundry Notices and Reports of Wells", or on company forms containing the same information. We are enclosing forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

Sandy Bates

SANDY BATES
CLERK-TYPIST

Form OGC-1b

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

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

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: The Anschutz Corp.

3. ADDRESS OF OPERATOR: 2400 Anaconda Tower, 555 17th. St. Denver, Colo. 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: Summit County, Utah 1371' FNL & 1693' FWL

5. LEASE DESIGNATION AND SERIAL NO.: Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Anschutz Ranch

9. WELL NO.: 10-1

10. FIELD AND POOL, OR WILDCAT: Anschutz Ranch/ Huff Crk.

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 10 T3N R7E SLB & M

14. PERMIT NO.: 43-043-30131

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 7560 GL

12. COUNTY OR PARISH: Summit

13. STATE: Utah

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) Monthly Drilling Reports			[X]
(Other)			[ ]				

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

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

Spud: 0200 9/29/80 Fm: Twin Creek
Set 9 5/8" csg. @ 2081', cmt w/1150 sx 50/50 Poz (600) & Cl"G" (550 sx)
Ø to 7861 & logged
Ran multishot suv. BH location is 372' N & 51'W of sur. location
DST #1 @ 6305'- 6332'. Packers failed. Attempted DST #2. Packer would not seat.

Plugged: #1 6282' - 6182' w/75 sx
#2 4050' - 3950' w/75 sx
#3 3000' - 2500' w/625 sx

TD: 7866' Last survey: 15½° @7861'

MORT: 1800 hrs. 11/22/80 @2500' PB
Temporarily abondoned. Will be re-entered and directionally drilled at a later date.

RECEIVED
APR 22 1981
DIVISION OF OIL, GAS & MINING

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

SIGNED Maggie Grigsby (Maggie Grigsby) TITLE Drilling Tech. Assistant DATE 4/47/81

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

Form OGCC-1 b

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [ ] GAS WELL [X] OTHER

2. NAME OF OPERATOR: The Anschutz Corporation

3. ADDRESS OF OPERATOR: 2400-555-17th Street

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: SENW Sec. 10 T3N R7E 1693 FWL 1372 FNL

5. LEASE DESIGNATION AND SERIAL NO.: FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Anschutz Ranch

9. WELL NO.: #10-1

10. FIELD AND POOL, OR WILDCAT: Anschutz Ranch

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 10 T3N R7E

12. COUNTY OR PARISH: Summit

13. STATE: UT

14. PERMIT NO.: 43 043 30131

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 7560 GL

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[X]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[X]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			[ ]
(Other)			[ ]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

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

1. Fill hole with 9.0 ppg 50 vis fresh water gel base mud.
2. Free point shoot and pull casing (PBTD 2500 ft)
3. Set 200 ft cement plug across casing stub.
4. Set 200 ft cement plug across surface casing stub at 2081 ft.
5. Set 100 ft plug in surface casing at the surface.
6. Weld dry hole marker onto surface casing.

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING
DATE: 9-30-81
BY: M. J. Minder

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

SIGNED [signature] TITLE Production Engineer DATE 9/2/81

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

DIVISION OF OIL, GAS AND MINING

PLUGGING PROGRAM

NAME OF COMPANY: Anschutz Corp.

WELL NAME: Anschutz Ranch #10-1

SECTION 10 TOWNSHIP 3N RANGE 7E COUNTY Summit

VERBAL APPROVAL GIVEN TO PLUG AND ABOVE REFERRED TO WELL IN THE FOLLOWING MANNER:

TOTAL DEPTH: 7866'

CASING PROGRAM:
9-5/8" @ 2081' Cement to Surface
7" @ ? (TOC 2500')
8 4/3" Openhole TD

FORMATION TOPS:

Hennefer	468'
Frontier	1975'
Stump	3826'
Preuss	4160'
Fault	5040'
Stump	6458'
Preuss	

PLUGS SET AS FOLLOWS:
1) 6282'-6182'
2) 4050'-3950'
3) 3000'-2500'
4) 2450'± Part casing and set 200' cement plug accross stub
5) 2181'-1981'
6) 100'-Surface

Place 9.0#, 50 vis. fresh water gel based abandonment mud between plugs; erect regulation dryhole marker, clean up, grade and restore the location; and notify this Division when the location is prepared for inspection.

DATE 9-30-81 SIGNED MTM M. T. Minder

CC: Anschutz

October 6, 1981

The Anschutz Corporation
2400-555-17th Street
Denver, Co 80202

Re: Well No. Anschutz Ranch #10-1
Sec. 10, T. 3N, R. 7E
Summit County, Utah

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above mentioned well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

TERRI REID
CLERK-TYPIST

Enclosure

Form OGCC-3

6

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

SUBMIT IN DUPLICATE*
(See other instructions on reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL XX DRY ☐ Other

b. TYPE OF COMPLETION: NEW WELL X WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

RECEIVED OCT 14 1981 DIVISION OF OIL, GAS & MINING

2. NAME OF OPERATOR: The Anschutz Corporation

3. ADDRESS OF OPERATOR: 555 Seventeenth Street #2400, Denver, CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface 1371.5 FNL 1693.4 FWL SE NW
At top prod. interval reported below
At total depth 1331.4 FNL 1699.1 FWL

5. LEASE DESIGNATION AND SERIAL NO.: Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Anschutz Ranch

9. WELL NO.: 10-1

10. FIELD AND POOL, OR WILDCAT: Anschutz Ranch

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: SE NW Sec 10 T3N R7E

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
43-043-30131	2-20-80	Summit	Utah

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
9/29/80	11/20/80		7320KB 7302 GL	7302

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
7861 MD 7848 TVD	2500		→	7861	--

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: None

25. WAS DIRECTIONAL SURVEY MADE: Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN: BHCS, DIT, FDC, CNL, GR, HDT, FIL (Sample)

27. WAS WELL CORED:

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8	32.3	2081		1150 sax return to surface	none

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
		none		

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
	none	

31. PERFORATION RECORD (Interval, size and number): none

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	none

33.* PRODUCTION

DATE FIRST PRODUCTION: | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump): | WELL STATUS (Producing or shut-in): P+A

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
			→				

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
		→	Not	tested		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.):

TEST WITNESSED BY:

35. LIST OF ATTACHMENTS: none

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

SIGNED [signature] TITLE Production Engineer DATE 10/12/81

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: *"Sacks Cement":* Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
Hennefer	1975	
Frontier	3805	
Stump/Preuss	4150	
Fault Zone	5040	
Frontier	5040	
Stump/Preuss	6450	

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

June 15, 1983

Anschutz Corporation
555 Seventeenth Street, # 2400
Denver, Colorado 80202
Att: Mark Buckland

Re: Well No. Anschutz Ranch # 10-1
Sec. 10, T. 3N, R. 7E.
Summit County, Utah

Gentlemen:

This is a follow up letter to our conversation last week on the phone, concerning the logs on the above referred to well, if you have already sent the logs, then disregard this letter.

According to our records, a "Well Completion Report" filed with this office October 12, 1981, from above referred to well, indicates the following electric logs were run: BHCS, DIT, FDC, CNL, GR, HDT, FIL. As of todays date, this office has not received these logs.

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs.

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 second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

DIVISION OF OIL, GAS AND MINING

Cari Furse

Cari Furse
Well Records Specialist

CF/cf

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

an equal opportunity employer • please recycle paper

Lisha Cordova <lishacordova@utah.gov>

Re: Anschutz Ranch 10-1 / 43-043-30131 / S10, T3N, R7E, Summit County, Utah

1 message

Lisha Cordova <lishacordova@utah.gov> Tue, Nov 5, 2013 at 11:31 AM
To: Jeff Morris <jbmorris@natgasops.com>

Hi Jeff,

I just wanted to let you know that I re-visited the site on Oct. 18th, 2013, and have closed out the file.

Thank you for your assistance in this matter, I really appreciate it.

Lisha

On Mon, Oct 7, 2013 at 3:34 PM, Jeff Morris <jbmorris@natgasops.com> wrote:

Site is finished. Manifold, rig anchors, metal stakes and pipe removed. Nothing metal left on site except dry-hole marker. Was worried weather would prevent us from getting it done this Autumn but we did.

Jeff

From: "Lisha Cordova" <lishacordova@utah.gov>
To: "Jeff Morris" <jbmorris@natgasops.com>
Sent: Friday, August 2, 2013 5:56:51 PM
Subject: Re: Anschutz Ranch 10-1 / 43-043-30131 / S10, T3N, R7E, Summit County, Utah

Excellent, thanks for the quick response.

Have a good weekend!

On Fri, Aug 2, 2013 at 5:42 PM, Jeff Morris <jbmorris@natgasops.com> wrote:

I called Denver for authorization. Should have this taken care of next week. I'll let you know when it is done.

Very nice talking with you.

Jeff Morris

From: "Lisha Cordova" <lishacordova@utah.gov>
To: jbmorris@natgasops.com
Sent: Friday, August 2, 2013 3:38:15 PM
Subject: Anschutz Ranch 10-1 / 43-043-30131 / S10, T3N, R7E, Summit County, Utah

Lisha Cordova <lishacordova@utah.gov>

Anschutz Ranch 10-1 / 43-043-30131 / S10, T3N, R7E, Summit County, Utah

1 message

Lisha Cordova <lishacordova@utah.gov> Fri, Aug 2, 2013 at 3:38 PM
To: jbmorris@natgasops.com

Mr. Jeff Morris (Anschutz Corporation),

It was nice speaking with you earlier today. Attached are pics of the referenced well site. As discussed, the deadman anchors, metal posts, and the flowline associated with this well need to be removed from the site before I can close this file out. Please let me know when the work is finished and I will run back out for a follow-up inspection.

Also, go to www.ogm.utah.gov, PJ/O&G Program, Map Resources, Interactive Utah O&G Well Location Map, Zoom to (upper left hand corner), Well by API, enter 4304330131 & click on #, close Zoom to box, well location (yellow dot):

Layers - Turn off fields, turn off units, turn on well name (or API); at this point you will be able to see field map & well locations better.

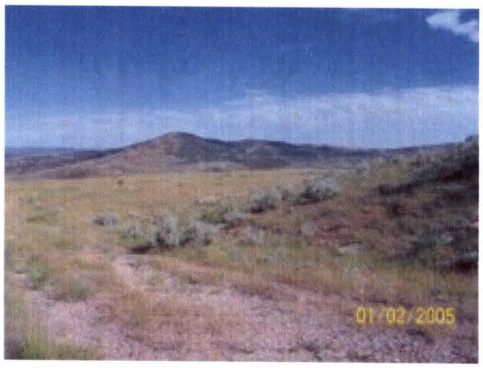
Info - Click on yellow dot/well location; this will bring up operator & well info.

If you have any questions please call.

Thanks,
Lisha

--
Lisha Cordova, Env. Scientist
Division of Oil, Gas and Mining
1594 W. North Temple, Suite 1210
Salt Lake City, Utah 84116
T: 801-538-5296
C: 801-396-3902
lishacordova@utah.gov

7 attachments



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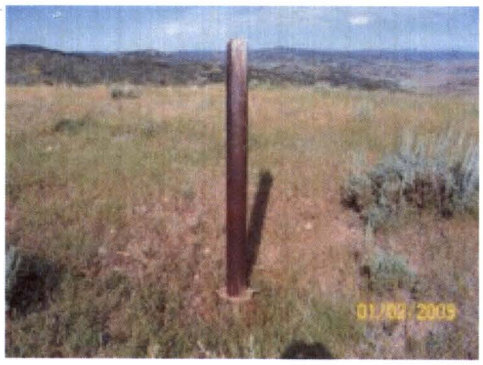
808K



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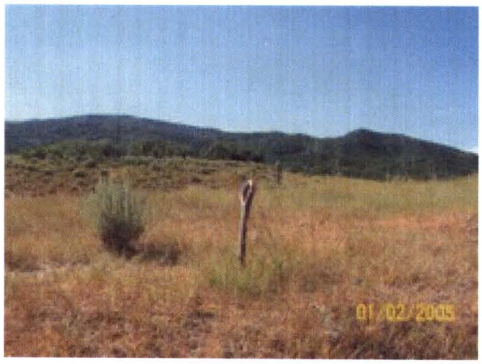

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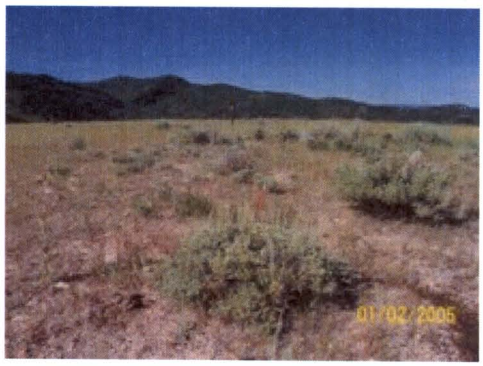

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799K

100_4340.JPG
851K

100_4342.JPG
859K

100_4344.JPG
782K

Lisha Cordova <lishacordova@utah.gov>

Re: Anschutz Ranch 10-1 / 43-043-30131 / S10, T3N, R7E, Summit County, Utah

1 message

Jeff Morris <jbmorris@natgasops.com> Sun, Sep 15, 2013 at 4:30 PM
To: Lisha Cordova <lishacordova@utah.gov>

Update:

Have removed posts and all but one stubborn deadman. Checked and vented pressure on manifold. Contacted service company on manifold removal and capping of pipeline.

I'll let you know when job is completely done.

Jeff Morris -- Anschutz

From: "Lisha Cordova" <lishacordova@utah.gov>
To: "Jeff Morris" <jbmorris@natgasops.com>
Sent: Friday, August 2, 2013 5:56:51 PM
Subject: Re: Anschutz Ranch 10-1 / 43-043-30131 / S10, T3N, R7E, Summit County, Utah

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Jeff Morris

From: "Lisha Cordova" <lishacordova@utah.gov>
To: jbmorris@natgasops.com
Sent: Friday, August 2, 2013 3:38:15 PM
Subject: Anschutz Ranch 10-1 / 43-043-30131 / S10, T3N, R7E, Summit County, Utah

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Layers - Turn off fields, turn off units, turn on well name (or API); at this point you will be able to see field map & well locations better.

Info - Click on yellow dot/well location; this will bring up operator & well info.

If you have any questions please call.

Thanks,
Lisha

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Lisha Cordova, Env. Scientist
Division of Oil, Gas and Mining
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