

Permit #: 20007

Date Issued: 08-25-75

County: Avare

Date Cancelled: _____

CONFIDENTIAL UNTIL: _____

Date Plugged: 08-23-75

COMMENTS:

Shipped 02-05-81 S.T.
MGS - 27953

OCC FORMS	Date Received
1	
2	
3	08-25-75
3i	
4	08-25-75
4i	
5	
6	
7	08-25-75
8	
11	
12	
Misc. Form 2	

	TYPE	ID #	Date Received
Logs			
Samples	chip core		
	water		
Analyses	core		

Additional Submitted Data:
strat Test K38
samples

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

APPLICATION TO DRILL DEEPEN PLUG BACK

NAME OF COMPANY OR OPERATOR The Anschutz Corp DATE 8-22-75

1110 Denver Club Bldg, Denver Colo 80202

Address City State

DESCRIPTION OF WELL AND LEASE

Name of ~~lease~~ permit Well number Elevation (ground)
Strat Test K-38

WELL LOCATION (give footage from section line)
SE NE ft from (N) (S) sec. line ft from (E) (W) sec. line

WELL LOCATION Section 10 Township 62N Range 17W County Adair

Nearest distance from proposed location to property or lease line: _____ feet
Distance from proposed location to nearest drilling completed or applied - for well on the same lease: _____ feet

Proposed depth: 320 Rotary or Cable tools Rotary Approx. date work will start 8-22-75

Number of acres in lease: _____ Number of wells on lease, including this well, completed in or drilling to this reservoir: _____
Number of abandoned wells on lease: _____

If lease, purchased with one or more wells drilled, from whom purchased: Name _____ No. of Wells: producing _____
Address _____ inactive _____
abandoned _____

Status of Bond Single Well Amt. _____ Blanket Bond Amt. 30,000 ON FILE ATTACHED

Remarks: (If this is an application to deepen or plug back, briefly describe work to be done, giving present producing zone and expected new producing zone) use back of form if needed.

Proposed casing program: <u>plugging program</u>				Approved casing - To be filled in by State Geologist			
amt.	size	wt./ft.	cem.	amt.	size	wt./ft.	cem.
<u>plug at base of drift</u>							
<u>plug at etc</u>							

I, the undersigned, state that I am the geologist of the Anschutz Corp (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Signature Werner G. Berry

Permit Number: 20007
Approval Date: 23 Aug 75
Approved By: WB Howe by WLLS

SAMPLES REQUIRED
 SAMPLES NOT REQUIRED

Note: This Permit not transferable to any other person or to any other location.

WATER SAMPLES REQUIRED @:

Remit two copies to: Missouri Oil and Gas Council
P.O. Box 250 Rolla, Mo. 65401
One will be returned.

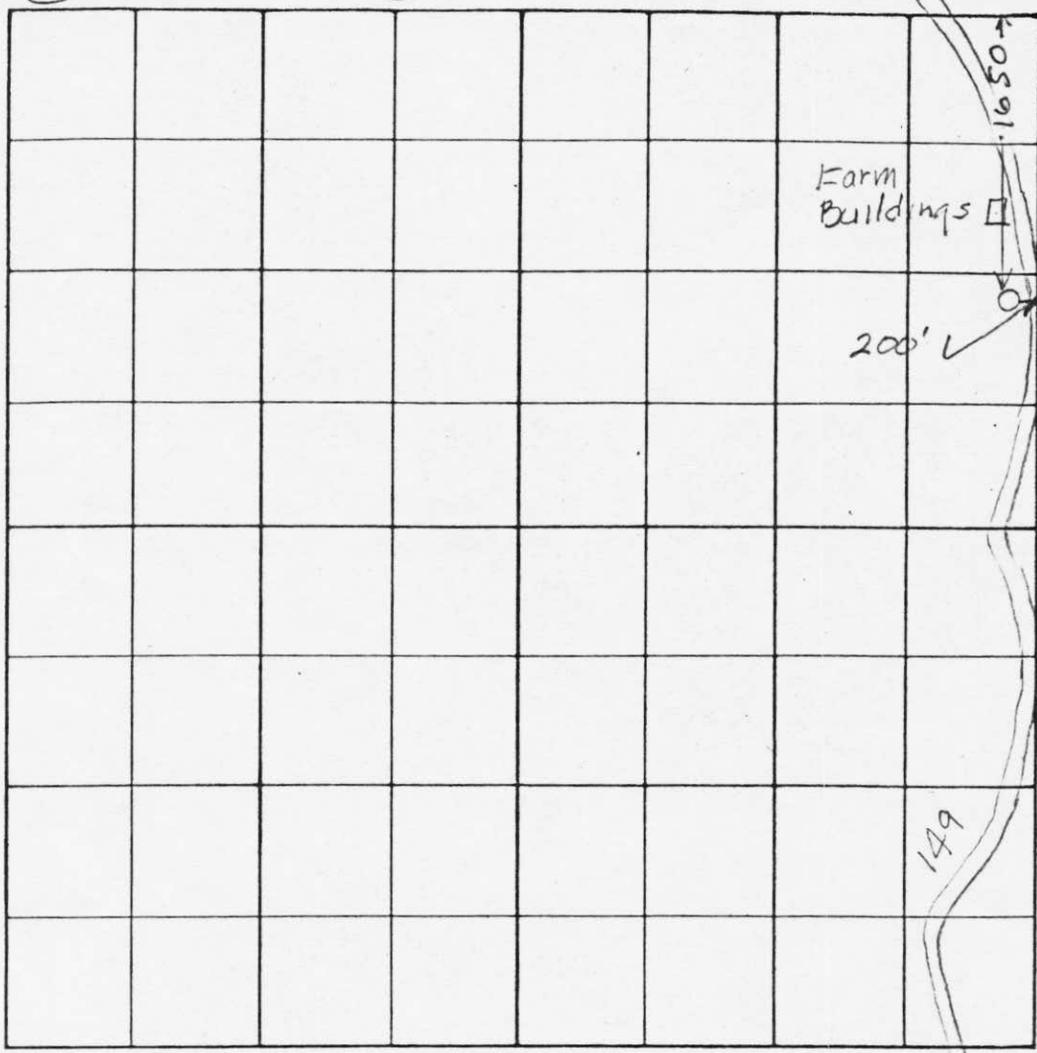
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AUG 25 1975
MO. OIL & GAS COUNCIL

WELL LOCATION PLAT

Owner: The Anschutz Corp

Lease Name: K-38 County, Adair

1650' feet from (N) ~~1st~~ line and 200' feet from (E) ~~1st~~ line of Sec. 10 Twp. 62N Range 17W



SCALE
~~1" = 1000'~~

REMARKS: _____

INSTRUCTIONS

On the above plat, show distance of the proposed well from the two nearest lease and section lines, and from the nearest well on the same lease completed in or drilling to the same reservoir. If the location requested is not in conformance with the applicable well-spacing rules, show all off-setting wells to the proposed well. Do not confuse survey lines with lease lines. See rule 7 - 3 (b) for survey requirements.

(SEAL)

Remit two copies to: Missouri Oil and Gas Council
P.O. Box 250 Rolla, Mo. 65401
One will be returned.

Registered Land Surveyor

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AUG 25 1975
MO. OIL & GAS COUNCIL

MISSOURI OIL AND GAS COUNCIL
PLUGGING RECORD

Form OG-7

Owner The Anschutz Corp Address 1110 Denver Club Bldg
Denver, Colo. 80202

Name of lease K-38 Well No. _____

Location of Well 1650 FNL & 200' FEL Sec-Twp-Rge or Block & Survey Sec. 10, T62N, R17W County Adair

Application to drill this well was filed in name of The Anschutz Corp Has this well ever produced oil or gas _____ Character of well at completion (initial production) Oil (bbls/day) _____ Gas (MCF/day) _____ Dry? _____

Date Abandoned: 8-23-75 Total depth 320' Amount well producing prior to abandonment. Oil (bbls/day) _____ Gas (MCF/day) _____ Water (bbls./day) _____

Name of each formation containing oil or gas. Indicate which formation seen to well-core at time of abandonment	Fluid content of each formation	Depth interval of each formation	Size, kind & depth of plugs used. Indicate zones squeeze cemented, giving amount cement.
<u>Drift-Penn contact 85'</u>			
<u>5 Sax @ 195'</u>			
<u>2 Sax @ 20'</u>			

Size pipe	Put in well (ft.)	Pulled out (ft.)	Left in well (ft.)	Give depth and method of parting casing (shot, ripped etc)	Packers and shoes

Was well filled with mud-laden fluid? Yes Indicate deepest formation containing fresh water. _____

NAMES AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE

Name	Address	Direction from this well:

Method of disposal of mud pit contents: left in hole and remainder dumped on surface

Use reverse side for additional detail
File this form in duplicate with _____

CERTIFICATE: I, the undersigned, state that I am the geologist of the Anschutz Corp. (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Vernie P. Berry
Signature

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AUG 25 1975
MO. OIL & GAS COUNCIL

THE ANSCHUTZ CORPORATION
STRATIGRAPHIC TEST #K-38

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MO. OIL & GAS COUNCIL

1650' FNL and 200' FEL
Section 10, Township 62 North, Range 17 West
Adair County, Missouri
Elevation 955' Total Depth 320'

Drift; sand, silt, clay and gravel, brown, oxidized	0 - 90'
Shale; gray, soft, silty	90 - 110'
Shale; red to gray to green mottled	110 - 130'
Limestone; gray, hard	130 - 135'
Shale; green gray, soft	135 - 150'
Shale; gray to light gray, bent?	150 - 170'
Shale; dark gray, soft, with occasional limestone streaks; trace coal at 195'	170 - 195'
Shale; dark gray, soft	195 - 210'
Shale; green to gray to red mottled, very soft	210 - 220'
Shale; gray, soft, silty	220 - 240'
Shale; gray to dark gray, soft, with coal streaks at 250' and 256'	240 - 260'
Shale; gray soft	260 - 300'
Silt; gray, soft, with limestone streaks; coal streak at 303'	300 - 310'
Shale; gray, soft, silty	310 - 320'

Electric Log

2.0' of Coal at 250.3' - Bevier
1.0' of Coal at 255.8' - Wheeler
1.9' of Coal at 303.2' - Croweburg