Permit #: 20002

County: DeKalb

CONFIDENTIAL UNTIL:

Date Issued: 02-03-75

Date Cancelled:

Date Plugged: 02-21-75

OGC FORMS	Date Received
1	
2	
3	10-11-74
3i	
4	10-11-74
4i	
5	05-24-76
6	05-24-76
7	05-24-76
8	
11	
12	
Misc. Form 2	

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

Additional Submitted Data:

COMMENTS:

Stripped 10-27-81 ds

MISSOURI OIL AND GAS COUNCIL

Form OGC-5

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

New Well [X] Work Over [ ] Deepen [ ] Plug Back [ ] Same Reservoir [ ] Different Reservoir [ ] Oil [ ] Gas [ ] Dry [X]

Owner: THE ANSCHUTZ CORPORATION	Address: 1110 Denver Club Building, Denver, Colo 80202
Lease Name: G. K. Haynes	Well Number: 1
Location: SE of the NE	Sec. — TWP-Range or Block & Survey: Sec. 15, T60N, R33W

County: Dekalb	Permit number (OGC3 number): NA			
Date spudded: 2-12-75	Date total depth reached: 2-19-75	Date completed, ready to produce: P & A 2-21-75	Elevation (DF, RKB, RT or Gr.): 1031 feet RKB	Elevation of casing hd. flange: 1021 feet
Total depth: 2490	P. B. T. D.			

Producing interval (s) for this completion: none		Rotary tools used (interval) From 0 to 2490' Drilling Fluid used Water&Gel	Cable tools used (interval) From none to
Was this well directionally drilled? no	Was directional survey made? no	Was copy of directional survey filed? no	Date filed
Type of electrical or other logs run (list logs filed with the State Geologist): CNL-FDC-GR, DILL			Date filed: 2-75

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)

Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled
Surface	12-1/4"	8-5/8"	23#	209'	120	None

TUBING RECORD			LINER RECORD				
Size in.	Depth set ft.	Packer set at ft.	Size in.	Top ft.	Bottom ft.	Sacks cement	Screen (ft.)

PERFORATION RECORD			ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD	
Number per ft.	Size & type	Depth Interval	Am't. & kind of material used	Depth Interval

INITIAL PRODUCTION

Date of first production	Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:)

Date of test	Hrs. tested	Choke size	Oil prod. during test bbls.	Gas prod. during test MCF	Water prod. during test bbls.	Oil gravity API (Corr.)

Tubing pressure	Casing pressure	Cal'ted rate of Production per 24 hr.	Oil bbls.	Gas MCF	Water bbls	Gas—oil ratio

Disposition of gas (state whether vented, used for fuel or sold):

Method of disposal of mud pit contents: Pits backfilled and leveled

CERTIFICATE: I, the undersigned, state that I am the Oper. Engr. 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.

Wayne C. Pierce
Signature

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DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description*
Mississippian	1382'		light brown to tan limestone - no shows
Kinderhook	1681'		silty and sandy shale
Hunton	1777'		brown to tan limestone - no shows
M. Shale	2102'		
Viola	2162'		white to grey dolomite - no shows
Simpson	2382'		
St. Peter	2443'		Medium to coarse sand - no shows
Arbuckle	2462'		brown to tan dolomite, tite - no shows
Total Depth	2490'		
			No DST's and no cores

*Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

INSTRUCTIONS:

Attach drillers log or other acceptable log of well if available.

This Well Completion or Recompletion report and well log shall be filed with the Missouri State Geologist not later than 30 days after project completion.

9

Form OGC - 3

MISSOURI OIL AND GAS COUNCIL

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

APPLICATION TO DRILL ☒ DEEPEN ☐ PLUG BACK ☐

NAME OF COMPANY OR OPERATOR The Anschutz Corporation DATE 10-9-74

1110 Denver Club Bldg (Address) Denver, Colo (City) 80202 (State)

DESCRIPTION OF WELL AND LEASE

Name of lease: Gerald K. Haynes | Well number: #1 | Elevation (ground): 1020 est

Moved 50' N of Cen.

WELL LOCATION 1930 ~~1980~~ ft. from (N) ~~(S)~~ sec. line (give footage from section lines) 660 ft. from (E) ~~(W)~~ sec. line

WELL LOCATION Section 15 Township 60 N Range 33 W | County: Dekalb

Nearest distance from proposed location to property or lease line: 660 feet

Distance from proposed location to nearest drilling, completed or applied – for well on the same lease: _____ feet

Proposed depth: 2600 | Rotary ~~or Cable~~ tools | Approx. date work will start: Dec 23, 1974

Number of acres in lease: 80

Number of wells on lease, including this well, completed in or drilling to this reservoir: 1

Number of abandoned wells on lease: 0

If lease, purchased with one or more wells drilled, from whom purchased: Name _____ Address _____

No. of Wells: producing _____ 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:

amt.	size	wt./ft.	cem.
100	8 5/8"	24 lb	to surf
to T.D.	5 1/2"	15.5 lb	150 Sx

Approved casing – To be filled in by State Geologist

amt.	size	wt./ft.	cem.
OK as proposed			

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 Henry Ohlen

Permit Number: 20002

Approval Date: 3 Feb 1975

Approved By: WB Hower by Wells

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

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

One will be returned.

☒ SAMPLES REQUIRED

☐ SAMPLES NOT REQUIRED

WATER SAMPLES REQUIRED @: any DST's

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MISSOURI OIL AND GAS COUNCIL

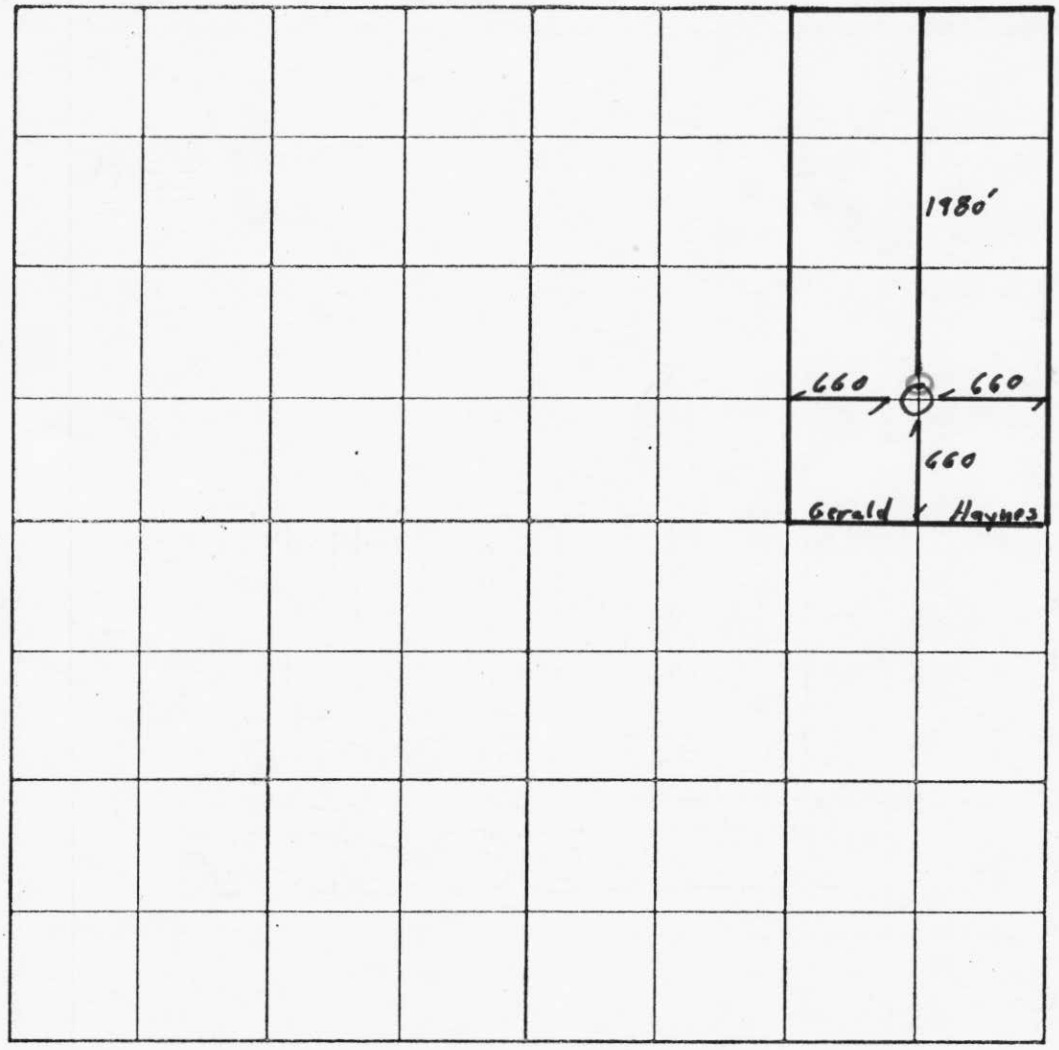
WELL LOCATION PLAT

Form OGC - 4

Owner: The Anschutz Corporation

Lease Name: Gerald K. Haynes County. Dekalb

~~1980~~ 30 feet from (N) ~~(S)~~ line and 660 feet from (E) ~~(W)~~ line of Sec. 15 Twp. 60 N Range 33 W



moved 50' N of Center.

SCALE
1" = 1000'

REMARKS: Bray Area (#9)
Moved away from hog pens -

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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Temporary No. _____

MISSOURI GEOLOGICAL SURVEY AND WATER RESOURCES, ROLLA, MISSOURI

COUNTY Dekalb
COMPANY OR OWNER The Anschutz Corporation
FARM G.K. Haynes WELL NO. #1
LOCATION 610'fN1 & 660'fW1 SEC 15 T 60N R 33W
CONTRACTOR/DRILLER Halliburton Service
COMMENCED 2/12/75 COMPLETED 2/19/75
PRODUCTION
CASING RECORD
WATER RECORD
SOURCE OF LOG
REMARKS Permit #20002 D.and A.

MGS LOG NO. _____

ELEV. 1020'
TOTAL DEPTH 2490'
SWL

NO. SAMPLES _____ SAMPLES RECEIVED _____

FORMATION	FROM (ft)	TO (ft)	FORMATION	FROM (ft)	TO (ft)
Mississippian, light brown to tan limestone-no shows	0	1382			
Kinderhook, silty & sandy shale	1382	1681			
Hunton	1681	1777			
M. Shale	1777	2102			
Viola, white to gray dolomite-no shows	2102	2162			
Simpson	2162	2382			
St. Peter, medium to coarse sand no shows	2382	2443			
Arbuckle, brown to tan dolomite, tite- no shows	2443	2462			
Total depth	2490				

MISSOURI OIL AND GAS COUNCIL

Form OGC-6

NOTICE OF INTENTION TO ABANDON WELL

Name of Lease G. K. Haynes Date

Well No. 1 is located 610 feet from (N) (S) line and 660

feet from (E) (W) line of Section 15 Township 60N Range 33W

Dekalb County The elevation of the ground at well site is 1040

feet above sea level.

Name and address of Contractor or Company which will do work is:

Halliburton Service

P. O. Drawer 1431, Duncan Oklahoma 73533

DETAILS OF WORK

(Indicate size, kind, and depth of plugs, where casing will be pulled, other pertinent details)

Plug No.	Interval	Sx. Cement
1	2380-2280'	25
2	1390-1290'	25
3	260-160'	25

Surface capped and marker installed

CERTIFICATE: I, the undersigned, state that I am the Oper. Engr. 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.

Wayne C. Price
Signature

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PLUGGING RECORD

Owner	Address
THE ANSCHUTZ CORPORATION	1110 Denver Club Building

Name of Lease	Well No.	
G. K. Haynes	1	Denver, Colorado 80202

Location of Well	Sec. Twp. Rge. or Block & Survey	County
610' FNL & 660' FWL	Sec. 15, T60N-R33W	Dekalb

Application to drill this well was filed in name of	Has this well ever produced oil or gas	Character of well at completion (initial production) Oil (bbls/day)	Gas (MCF/day)	Dry?
The Anschutz Corporation	no	none	none	yes

Date Abandoned	Total depth	Amount well producing prior to abandonment Oil (bbls/day)	Gas (MCF/day)	Water (bbls/day)
2-21-76	2490'	none	none	none

Name of each formation containing oil or gas. Indicate which formation open to wellbore 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
none			
	Cement plugs as follows:		
	25 sx	2380 - 2280'	
	25 sx	1390 - 1290'	
	25 sx	260 - 160'	

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
8-5/8"	209	-	209	-	

Was well filled with mud-laden fluid?	Indicate deepest formation containing fresh water
yes	N/A

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: Pits were backfilled and leveled

Use reverse side for additional detail

File this form in duplicate with

CERTIFICATE: I, the undersigned, state that I am the Oper. Engr. 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.

Wayne C. Pierce
Signature

MAR 24 1976
MO. OIL & GAS COUNCIL

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