

P&A 10-22-56  
Log ✓

FILE NOTATIONS

Entered in N I D File \_\_\_\_\_ ✓

Entered on S R Sheet \_\_\_\_\_ ✓

Location Map Pinned \_\_\_\_\_ ✓

Com Indexed \_\_\_\_\_ ✓

FW P in State or Fee Land \_\_\_\_\_

Checked by Chief \_\_\_\_\_

Copy N I D to Field Office \_\_\_\_\_

Approval Letter \_\_\_\_\_

Disapproval Letter \_\_\_\_\_

COMPLETION DATA:

Date Well Completed

10-22-56

Location Inspected \_\_\_\_\_

OW \_\_\_\_\_

WW \_\_\_\_\_

TA \_\_\_\_\_

Bond released \_\_\_\_\_

GW \_\_\_\_\_

OS \_\_\_\_\_

PA \_\_\_\_\_ ✓

State of Fee Land \_\_\_\_\_

LOGS FILED

Driller's Log

11-7-56

Electric Logs (No. )

1

E.

I \_\_\_\_\_

E-I \_\_\_\_\_

GR \_\_\_\_\_

GR-N \_\_\_\_\_

Micro \_\_\_\_\_

Lat \_\_\_\_\_

Mi-L \_\_\_\_\_

Sonic \_\_\_\_\_

Others \_\_\_\_\_

August 14, 1956

Sinclair Oil & Gas Company  
Box 58  
Salt Lake City, Utah

Gentlemen:

It has come to the attention of this office that you <sup>intend</sup> are drilling a well in the SW SE SE of Section 16, Township 6 South, Range 23 East, SIM, Uintah County, Utah.

Under the General Rules and Regulations adopted by the Utah Oil and Gas Conservation Commission any individual or corporation intending to drill for oil and/or gas in the State of Utah must file a notice of intention to drill with this office and have said notice approved by the Commission before commencement of drilling operations except for those cases which fall under Rule A-3 of these rule and regulations.

It would appear that this well does not fall within the exception provided for under Rule A-3,

Therefore, prior to commencement of drilling operations on this well, you are requested to file a notice of intention to drill with this office and have the same approved.

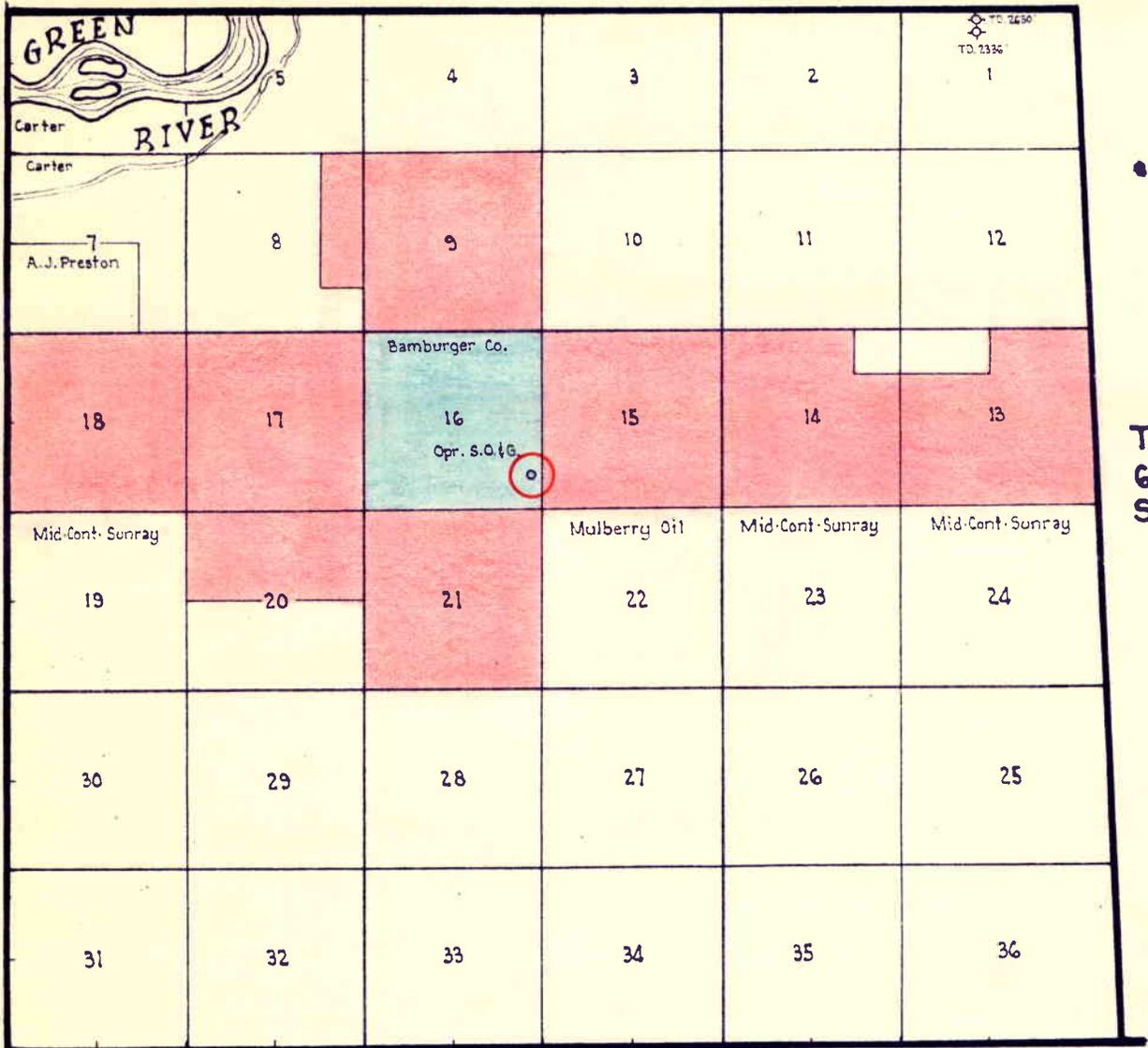
There is enclosed herewith some of our Forms OGCC-1, Notice of Intention to Drill, for your information and use.

Yours very truly,

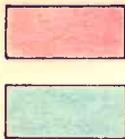
GLENN B. FREIGHT  
SECRETARY

CHF:cc

cc: Don Russell, Dist. Eng., USGS, Federal Bldg, Salt Lake City, Utah.



R. 23 E.



SINCLAIR O. & G.

BAMBERGER CO.

SINCLAIR OIL & GAS COMPANY  
DENVER DIVISION  
LAND DEPARTMENT

PROPOSED WELL LOCATION  
STATE UINIAH #97 - WELL NO. 1  
530' FSL 990' FSL (NE SE SE)  
TOWNSHIP 6 SOUTH, RANGE 23 EAST  
PART OF  
UINIAH COUNTY, UTAH

DRAWN BY: SM

DATE: 8-20-56

SCALE 1" = 1 MILE

STATE OF UTAH  
OIL AND GAS CONSERVATION COMMISSION  
NOTICE OF INTENTION TO DRILL

OIL AND GAS CONSERVATION COMMISSION

August 20

19 56

In compliance with Rule C-4, notice is hereby given that it is our intention to commence the work of drilling Well No. 1, which is located 990 ft. from ( ) line and 530 ft. from ( ) line of Sec. 16, Twp. 6S, R. 23E, SL (Meridian), Wildcat (Field or Unit)

Uintah (county), on or about 1st day of September, 19 56.

LAND: Fee and Patented ( ) State (x) Lease No. 1659 Public Domain ( ) Lease No. \_\_\_\_\_  
Name of Owner of patent or lease Bamberger Co. Address 163 So. Main Street Salt Lake City, Utah

Is location a regular or exception to spacing rule? Exception Has a surety bond been filed? yes With whom? Federal Area in drilling unit not established

Elevation of ground above sea level is \_\_\_\_\_ ft. All depth measurements taken from top of (exact elevation not yet known) which is \_\_\_\_\_ ft. above ground. (Derrick Floor, Rotary Table or Kelley Bushing)

Type of tools to be used Rotary. Proposed drilling depth 2100 ft. Objective formation is Mesaverde.

PROPOSED CASING PROGRAM

Size of Casing Inches A.P.I.	Weight Per Foot	Grade and Type	Amount Ft.	Top In.	Bottom	Cementing Depths
10-3/4" OD	32.75	H40 SS	300	3	300	300'w/300' Sax
5-1/2" OD	17.5	J55 SS	2100	0	2100	2100'w/250' Sax

AFFIDAVIT

I hereby certify under the penalty of perjury, that the information contained and statements herein made are to the best of my knowledge and believe, true, correct, and complete.

Approved \_\_\_\_\_

By G. L. Weger G. L. Weger

Date 19

Asst. Div. Supt. - Production Department (Title or Position)

By \_\_\_\_\_

Sinclair Oil & Gas Company (Company or Operator)

R \_\_\_\_\_

Address 601 Denver Club Building

Title \_\_\_\_\_

Denver 2, Colorado

INSTRUCTIONS

- Complete this form in duplicate and mail both copies to the Oil and Gas Conservation Commission, Room 105, Capitol Building, Salt Lake City 14, Utah.
- A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable regulations and orders.
- Any information required by this form that cannot be furnished at the time said form is submitted must be forwarded to the commission as soon as available.
- Use back of form for remarks.

# SINCLAIR OIL & GAS COMPANY

DENVER CLUB BUILDING

**DENVER, COLORADO**

August 22, 1956

C. W. HORSTMEIER  
VICE-PRES. & DIVISION MANAGER

R. A. WRIGHT  
ASSISTANT DIVISION MANAGER

C. H. McCLURE  
DIVISION EXPLORATION SUPT.

J. A. JACKMAN  
DIVISION PRODUCTION SUPT.

The State of Utah  
Oil and Gas Conservation Commission  
Room 105, State House  
Salt Lake City 14, Utah

Attention: Mr. Cleon B. Feight, Secretary

In re: State Uintah 97 Well No. 1  
Uintah County, Utah

Gentlemen:

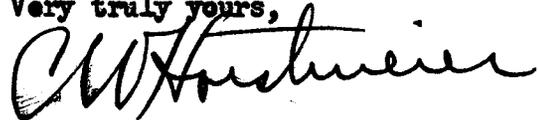
We are in receipt of your letter dated August 15, 1956, wherein you request certain information relative to the drilling of the above-captioned well. We wish to assure you that our Company is aware of its obligation to your Department; however, the drilling of this well has been under advisement by our management for sometime and has been just recently released for drilling.

We are transmitting herewith, in duplicate, Notice of Intention to Drill covering the above-captioned well, which is located in Section 16-6S-23E, Uintah County, Utah. The location of this well is not a regular location, as described by Rule C-3, subparagraph b; we therefore request that we be granted an exception to this requirement, as covered by Rule C-3, subparagraph c. It was necessary to move this location due to the topography of the land being such that the cost of a regular location, and road to such location, would have been prohibitive.

In addition, we wish to point out that the ownership of all oil and gas leases within a radius of 660 feet of the proposed location is either common with the ownership of the oil and gas leases under the proposed location, or is wholly owned by Sinclair Oil & Gas Company.

It is further requested that under the provisions of Rule C-1, subparagraph a, the filing of a bond for the drilling of this well be waived in lieu of our nationwide bond under which we operate with the United States Geological Survey.

Very truly yours,



August 24, 1956

Sinclair Oil & Gas Company  
601 Denver Club Building  
Denver 2, Colorado

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. State Uintah 97 # 1, which is to be located 990 feet from the south line and 530 feet from the east line of Section 16, Township 6 South, Range 23 East, SIM, Uintah County.

Please be advised that insofar as this office is concerned approval to drill said well on said unorthodox location is hereby granted under Rule C-3 (c), General Rules and Regulations and Rules of Practice and Procedure, Oil and Gas Conservation Commission, State of Utah.

Under the terms of your lease with the State Land Board you are required to furnish a Five Thousand Dollar bond to them. The question of waiving said bond should be taken up with the State Land Board, as this Commission does not have the necessary authority.

Therefore, this approval is conditional upon a waiver being granted or a bond being submitted to the State Land Board.

Please take note that before plugging and abandoning said well you are hereby requested to give advance notice of the date and time said plugging will take place to one of the following named individuals by phone or otherwise, in order that our Petroleum Engineer may be present to inspect the manner in which the well is being plugged.

G. A. HAUPMAN, Petroleum Engineer, Office phone: DA 2-4721 Ex 438  
Home phone: EM 4-6790

G. B. FRIEY, Office phone: DA 2-4721, Ex 438  
CR 7-3263

Address all other forms of communication to the Oil & Gas Conservation Commission, Room 140, State Capitol Building, Salt Lake City, Utah.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

G. B. FRIEY  
SECRETARY

Oil + Gas Conservation Commission  
140 Capitol Bldg, SLC Utah

Pursuant to Notice of Intention to Drill  
Well No. 1 SE<sup>4</sup> SE<sup>4</sup> Sec. 16, T6S., R. 23E  
Uintah County Utah submitted by  
Sinclair Oil + Gas Co and dated Aug. 20, 56.

Application is made for exception  
to Opl. Regs. C-3c because of extremely  
rough surface topography.

An examination of data + topographic  
maps indicate that surface features  
in this area are substantially as  
described by the applicant.

It is therefore recommended that  
the O + G Cons. Comm. grant the exception  
as applied for.

August 24, 1956.

Chas A Hauptman  
Petroleum Engineer.

August 27, 1956

State Land Board  
State of Utah  
State House  
Salt Lake City 14, Utah

Gentlemen:

We have recently filed with the State of Utah, Oil and Gas Conservation Commission a "Notice of Intention to Drill" our State Uintah 97, Well No. 1, to be located at 9090 feet from South line and 5030 feet from East line of Section 16-6S-23E, Uintah County, Utah.

When filing this "Notice of Intention to Drill", we requested the Commission to waive the filing of a bond in lieu of a nationwide bond which is filed with the United States Geological Survey. The Commission has advised, however, that it is not within their authority to grant such a waiver, and we are therefore requesting that this waiver be granted by your office. Our "Notice of Intention to Drill" for this well has been approved, such approval being conditional upon a waiver being granted by your office.

We are transmitting herewith a copy of our "Notice of Intention to Drill" as filed with the Oil and Gas Conservation Commission. We will appreciate being advised on this matter at your earliest convenience.

Your very truly,



RWN:ab  
CC: C.D. Feight, Secretary ✓  
Oil and Gas Conservation Commission  
Room 105, State House  
Salt Lake City, Utah

JACK

August 28, 1936

Re: Mineral Lease No. 1659

Bamberger Company  
163 South Main  
Salt Lake City, Utah

Gentlemen:

The Oil and Gas Conservation Commission has reported to us the Standard Oil & Gas Company has filed a notice of intention to drill Well No. 2, Uintah 97 #1, which is to be located 990 feet from the south line and 530 feet from the east line of Sec. 16, Twp. 6 S., Rg. 23 E., 314, Uintah County.

Our files show that the above numbered mineral lease was issued to you and covers all of said Section 16. We wish to point out that Section 7 of your lease agreement sets out the requirements of a drilling bond which must be posted with you prior to the time that any drilling is commenced on this land. Failure to post this bond could result in cancellation of this lease.

Yours very truly,

LEE E. YOUNG  
EXECUTIVE SECRETARY

JPM/jg  
cc: Sinclair Oil & Gas Co.  
601 Denver Club Bldg.  
Denver 2, Colo.

STATE OF UTAH  
OIL AND GAS CONSERVATION COMMISSION  
SUBSEQUENT REPORT OF CASING AND WATER SHUT-OFF TEST

*Noted  
Case  
10/2/56*

September 24, 19 56

OIL AND GAS CONSERVATION COMMISSION:

STATE UTAH 97

A casing and water shut-off test was made September 21 1956 on well No. 1  
which is located 990 ft from the ( ) line and 530 ft from the ( ) line of Section 16  
Twp 6S, R 23E, SL Wildcat Uintah  
(Meridian) (Field or Unit) (County)

FORMATION TESTER

Shut-off date: in. 10-3/4 lb. casing was cemented at 287 ft. on 9-21 19 56  
in 15" hole with 200 sacks of cement of which 19 1/2 were left in casing.  
Casing record of well:

Reported total depth 292 ft. Bridged with cement from 277 ft to 292 ft. Cleaned out  
to 277 ft for this test. A pressure of 500 lb. was applied to the inside of casing  
for 120 min. without loss after cleaning out to 277 ft. A  
tester was run into the hole on \_\_\_\_\_ in. drill pipe, with \_\_\_\_\_ ft of water cushion, and  
packer set at \_\_\_\_\_ ft. with tail piece to \_\_\_\_\_ ft. Tester valve, with \_\_\_\_\_ bean, was  
opened at \_\_\_\_\_ and remained open for \_\_\_\_\_ hr and \_\_\_\_\_ min. During this interval

BAILING

Shut-off date: \_\_\_\_\_ in. \_\_\_\_\_ lb. casing was cemented at \_\_\_\_\_ ft. on \_\_\_\_\_ 19 \_\_\_\_\_  
in \_\_\_\_\_ hole with \_\_\_\_\_ sacks of cement of which \_\_\_\_\_ sacks were left in casing.  
Casing record of well:

Reported total depth \_\_\_\_\_ ft. Bridges with cement from \_\_\_\_\_ ft to \_\_\_\_\_ ft cleaned  
out to \_\_\_\_\_ ft for this test. Casing test date: \_\_\_\_\_

By R.W. Newport *R.W. Newport*  
Chief Clerk - Production Department  
(Title or Position)

Name of Company or Operator \_\_\_\_\_  
SINCLAIR OIL & GAS COMPANY  
Address \_\_\_\_\_  
601 Denver Club Bldg., Denver 2, Colorado

INSTRUCTIONS: Mail one copy of this form to the Oil and Gas Conservation Commission,  
Rm 105, Capitol Bldg, Salt Lake City 11, Utah.

SINCLAIR OIL & GAS CO.  
STATE UTAH 97

STATE OF UTAH  
OIL AND GAS CONSERVATION COMMISSION  
LOG OF OIL OR GAS WELL

confidential 13

Well No. 1, which is located 990 ft from (N/S) line and 530 ft from (E/W)

line of Sec 16 Twp 6S R 23E Wildcat Uintah  
(Meridian) (Field or Unit) (County)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records as of 10-26, 19 56 and is to be kept confidential until February 22, 19 57 (See Rule C-5).  
Drilling operations were (completed)(suspended)(abandoned) on 10-22, 19 56

Date: November 5, 19 56 Signed: [Signature] Title: Asst. Div. Supt. Production Dept.

OIL OR GAS SANDS OR ZONES

No. 1, from None to \_\_\_\_\_ No. 3, from None to \_\_\_\_\_  
No. 2, from None to \_\_\_\_\_ No. 4, from None to \_\_\_\_\_

IMPORTANT WATER SANDS OR ZONES

No. 1, from None to \_\_\_\_\_ No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

CASING RECORD

Size of Hole	Size Casing	Weight per ft	Threads per Inch	Make	Amount	Kind of shoe	Cut & Pulled from	Perforated from to	Purpose
15"	10 3/4"	32.75	8	J-55	286				Surface

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number of sacks of cement	Method used	Mud gravity	Amount of mud used

TOOLS USED

Cable tools were used from \_\_\_\_\_ to \_\_\_\_\_ and from \_\_\_\_\_ to \_\_\_\_\_  
Rotary tools were used from 0 to 3155 and from \_\_\_\_\_ to \_\_\_\_\_

PRODUCTION

Put to producing \_\_\_\_\_ 19 \_\_\_\_\_  
OIL WELLS: The production during the first 24 hours was \_\_\_\_\_ barrels of liquid of which \_\_\_\_\_ % was oil; \_\_\_\_\_ % was emulsion; \_\_\_\_\_ % was water; and \_\_\_\_\_ % was sediment.  
Gravity: \_\_\_\_\_

GAS WELLS: The production during the first 24 hours was \_\_\_\_\_ MCF plus \_\_\_\_\_ barrels of liquid hydrocarbon. Shut in pressure \_\_\_\_\_ lbs. Length of time shut in \_\_\_\_\_

FORMATION RECORD

From	To	Thickness in feet	Formation	From	To	Thickness in feet	Formation
0	1694	1694	Wasatch				
1694	3165	1471	Mesa Verde				

HISTORY OF WELL

See reverse side for drill stem tests and coring record.

If additional space is needed use back of page or attach separate sheet.

DRILL STEM TEST

10-16-56

2390-2437', 1/2" bottom choke, open 22 minutes. Air immediately, very weak blow, died in 5 minutes. FP 20-20#, 15 minutes. SIP 690#. Recovered 30' mud.

CORING RECORD

10-3-56

1566-86' - Recovered 20': 8' sandstone, white to light gray, very friable with quartz grains, fair porosity, slightly pyritic, some conglomerate size black chert, appears wet & with strong sulphur odor., 1' shale, greenish gray, hard, tight, slightly calcareous, many well rounded quartz grains, 11' sandstone as above, conglomeratic with very coarse quartz with sandstone forming the matrix. 22° dip, appears wet & with strong sulphur odor.

10-11-56

2182-97' - Recovered 14-1/2' - 3' sandstone, fine to medium grained, medium gray to dark gray with coal inclusion, fairly friable with trace of pinpoint oil fluorescence thruout; 2' sandstone, medium gray, fine grained, cleaner and more friable than above 3' and with black banding thruout; 2 1/2' siltstone, dark gray, hard, good cementing; 5 1/2' sandstone, medium brown gray, fine grained, fairly friable with many coal inclusions and some spotty oil fluorescence thruout; 1 1/2' siltstone, sandy shale, medium grained, hard, large coal inclusions, approximately 30° dip.

10-15-56

2427-37' - Recovered 9': 1' sandstone, very fine grained, buff, hard & tight with much black banding with fair pinpoint porosity; 1' siltstone, brownish gray, hard & tight; 5' coal & shale with pinpoint oil fluorescence; 1' sandstone very fine grained, medium gray with very fine patches oil fluorescence; 1' shale, dark gray, hard with small coal inclusions.

10-21-56

3140-55' - Recovered 15' dark gray, salt & pepper, calcareous, medium to coarse grained sandstone.

10-22-56

Ran electric logs & dipmeter survey. COMPLETED DRY HOLE. Plugged & abandoned. (See Form OGCC - 2 for plugging information)

NOV 7 1956

SINCLAIR OIL & GAS COMPANY  
STATE UTAH 97

STATE OF UTAH  
OIL AND GAS CONSERVATION COMMISSION  
AFFIDAVIT AND RECORD OF ABANDONMENT AND PLUGGING

PLUGGING METHODS AND PROCEDURE: - The methods and procedure for plugging a well shall be as follows: (a) The bottom of the hole shall be filled to, or a bridge shall be placed at, the top of each producing formation open to the well bore, and in either event a cement plug not less than fifty (50) feet in length shall be placed immediately above each producing formation open to the well bore whenever possible.  
(b) A cement plug not less than fifty (50) feet in length shall be placed at approximately fifty (50) feet above and below all fresh water bearing strata.  
(c) A plug shall be placed at or near the surface of the ground in each hole.  
(d) The interval between plugs shall be filled with heavy mud laden fluid.  
(e) The hole shall be plugged with heavy mud up to the base of the surface string at which point a plug of not less than fifty (50) feet of cement shall be placed.

Field or Pool Wildcat County Utah  
Lease Name State Utah 97 Well No. 1 Sec 16 Twp 6S Range 23E  
Date well was plugged 10-22, 19 56  
Was the well plugged according to regulation of the Commission? Yes

Set out method used in plugging the well, the nature and quantities of materials used in plugging, size of plugs, location and extent (by depths) of the plugs of different materials, and the amount of casing left in hole. (giving size, top and bottom elevations of each section of abandoned casing)

Cement plug of 25 sacks from 1593 to 1527 ft. Cement plug of 25 sacks from 312 to 259 ft.  
Intervening spaces filled with heavy mud. Hole capped with cement. 286 ft. of 10 3/4" surface casing left in hole.

Operator *Gane L. Weger*  
Sinclair Oil & Gas Company  
Address 601 Denver Club Building  
Denver 2, Colorado

STATE OF ~~UTAH~~ COLORADO  
COUNTY OF DENVER

AFFIDAVIT

Before me, the undersigned authority, on this day personally appeared Gane L. Weger, known to me to be the person whose name is subscribed to the above instrument and being by me duly sworn on oath states that he is authorized to make this report and has knowledge of the facts stated herein and that said report is true and correct.  
Subscribed and sworn to before me this 5th day of November 19 56.

My Commission Expires: 10-8-58

*Maxine Lovelady*  
(Notary Public)  
Maxine Lovelady, Notary Public in and for Denver County, Colorado

INSTRUCTIONS: Complete this form in duplicate and mail both copies to the Oil and Gas Conservation Commission, Room 105, Capitol Bldg, Salt Lake City 14, Utah.