

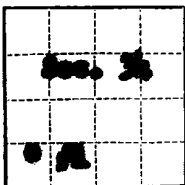
(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee Self

Lease No. 15-00-0003-7270



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF REDRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....	<u>Subsequent report of setting log.</u>	<u>X</u>

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

NAVAJO TRIBAL 111

July 21, 1963

Well No. 1 is located 440 ft. from S line and 440 ft. from W line of sec. 34

SW/4 Sec. 34 (1/4 Sec. and Sec. No.) 27N (Twp.) 10E (Range) 100W (Meridian)

Wildcat (Field) San Juan (County or Subdivision) New Mexico (State or Territory)

The elevation of surface above sea level is 5244 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

8-30-63 Drilled to TD of 7309', Run INS & 6 1/2-Inch Casing logs

7-30-63 TEST: FB Run 24 Jts 5" 20 150 J-45 Csg liner 739' set @ 7307' w/75 wt. cement, top liner @ 6240', FB 2:30 PM 7-30-63

Confirming verbal approval obtained by Sinclair's representative E. L. Flinnley



I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Sinclair Oil & Gas Company

Address 601 Denver Club Building

Denver 2, Colorado

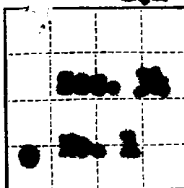
By Marion E. Brown

Title E. L. Brown
Division Chief Clerk

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency Navajo
Allottee Trifled
Lease No. 24-22-042-975



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Navajo Trifled 242
Well No. 1 is located 600 ft. from S line and 600 ft. from W line of sec. 34
24 1/2 Sec. 34 27N 28E
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Navajo Navajo Navajo
(Field) (County or Subdivision) (State or Territory)

The elevation of the surface above sea level is 5000 ft.

DETAILS OF WORK

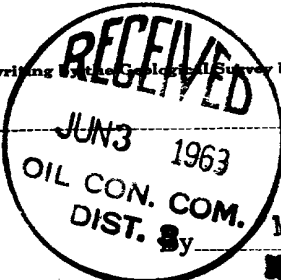
(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

It is planned to drill this well with rotary tools to a depth sufficient to test the formation. Estimated total depth 7500'. Anticipated formations to be encountered are Dakota 2100', Lower Permian 600', and Mississippian 4500'.

11-3/4" casing will be set at 1000' and cemented from bottom to top with 150 sacks cement. 8-1/2" casing will be set at 1500' and cemented with 100 sacks cement. If productive zones are encountered 5-1/2" or 4-1/2" liner will be run from 1500' to TD and cemented with sufficient cement to protect oil zones. Possible productive zones will be produced and tested, and well completed.

I understand that this plan of work must receive approval in writing from the Geological Survey before operations may be commenced.

Company Minerals Oil & Gas Company
Address 601 Denver Club Building
Denver 2, Colorado



Morris E. Brown
M. E. Brown
Title Mineral Chief Clerk

NEW MEXICO OIL CONSERVATION COMMISSION

Well Location and Acreage Dedication Plat

SECTION A.

Date **MAY 27, 1963**

Operator **Sinclair Oil & Gas Company** Lease **Navajo Tribal 242**
Well No **1** Unit Letter **M** Section **34** Township **27 North** Range **18 West** NMPM
Located **660** Feet From **South** Line **660** Feet From **West** Line
County **San Juan** G. L. Elevation **5624** Dedicated Acreage **10** Acres
Name of Producing Formation **Perm (To west Nacimiento)** Pool **Wildcat**

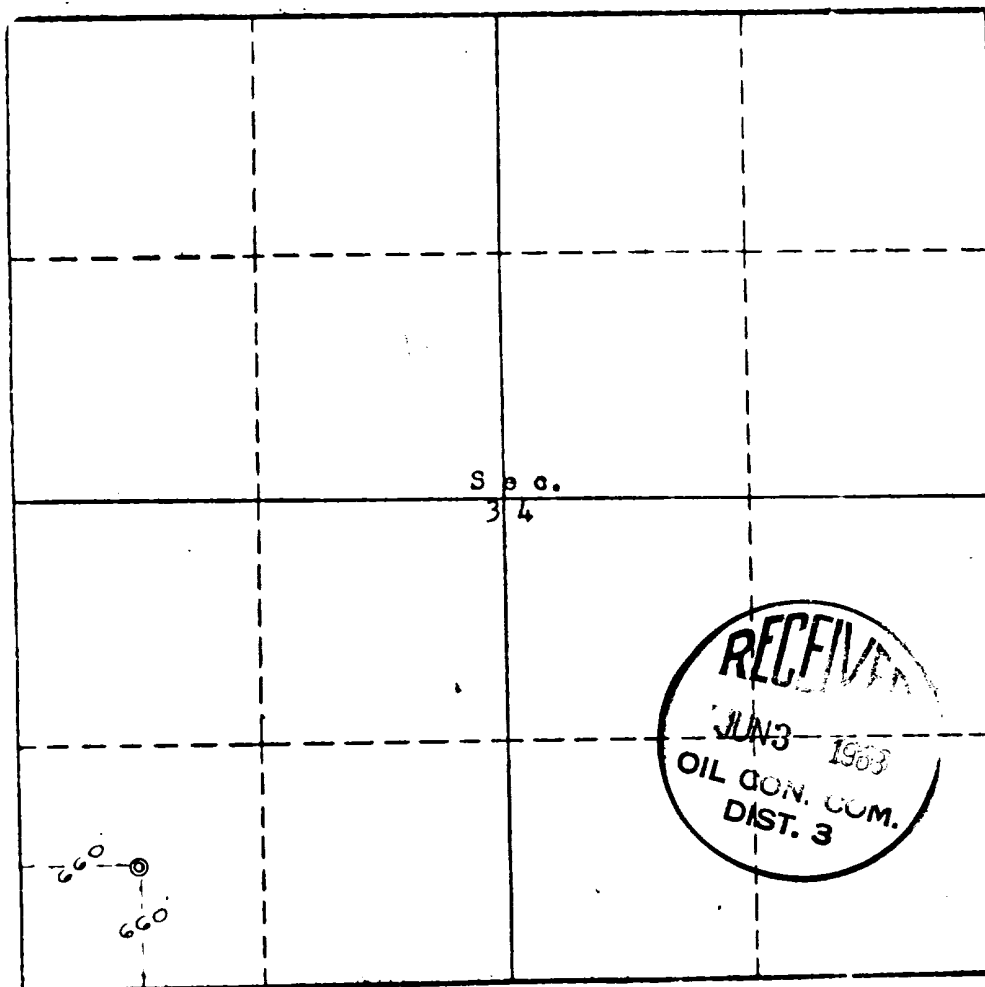
1. Is the Operator the only owner* in the dedicated acreage outlined on the plat below? Yes **Yes** No
2. If the answer to question One is "No," have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes No If answer is "Yes," Type of Consolidation
3. If the answer to question Two is "No," list all the owners and their respective interests below:

OWNER

LAND DESCRIPTION

*Sinclair Oil Corporation Merged
into Atlantic Richfield Company,
effective March 4, 1969*

SECTION B.



This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief

Sinclair Oil & Gas Company
OPERATOR

M. E. Brown
REPRESENTATIVE

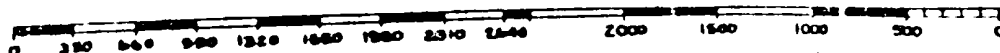
M. E. Brown
402 Denver Club Building
Denver 2, Colorado

This is to certify that the well location shown on the plat in Section B was plotted from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief

Date Surveyed **May 15, 1963**
Four States Engineering Co.
FARMINGTON, NEW MEXICO

James H. Cook & Son, Inc.
REGISTERED ENGINEER OR
LAND SURVEYOR

Certificate No. **3602**



(SUBMIT IN TRIPLICATE)

Indian Agency **Navajo**

Sec. 34
No. 1

18W

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee **Navajo**

Lease No. **14-20-0603-7278**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	X
NOTICE OF INTENTION TO ABANDON WELL	NOTICE OF CEMENTING SURFACE CASING	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

June 13, 19**63**

Navajo Tribal 141

Well No. **1** is located **660** ft. from **S** line and **660** ft. from **W** line of sec. **34**

SW 1/4 Sec. 34

27N

18W

(1/4 Sec. and Sec. No.)

(Twp.)

(Range)

(Meridian)

Wildcat

San Juan

New Mexico

(Field)

(County or Subdivision)

(State or Territory)

The elevation of the **Surface** **6624** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Spudded 5:15 PM 6-7-63

6-12-63 1408' WOC. Ran 13 jts 13-3/8" OD 40# E-40 Casing set at 1403' ON w/350 sacks 50-50 Formin. PD @ 7:15 AM 6-12-63. Tested casing at 600' for 30 Min. Tested OK.



I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **Sinclair Oil & Gas Company**

Address **601 Denver Club Building**

Denver 2, Colorado

By **Morris E. Brown**

Title **M. E. Brown Division Chief Clerk**

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency **Navajo**

Allottee **Navajo**

Lease No. **14-00-0603-7270**

Sec. 34	27N
E. No. 1	

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	NOTICE OF SUBMITTING INTERMEDIATE CNO. X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Navajo Tribal 141 June 24, 19**63**
Well No. **1** is located **660** ft. from **S** line and **660** ft. from **W** line of sec. **34**
SW 1/4 Sec. 34 **27N** **10W**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat **San Juan** **New Mexico**
(Field) (County or Subdivision) (State or Territory)

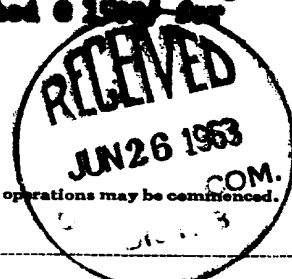
The elevation of the ~~surface~~ **surface** above sea level is **5621** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

6-23-63 1500' Run 110 joints 9-5/8" OD 34 & 100 2-55 Casing set @ 1500 O.C.
Cemented bottom w/300 sacks 50-50 Pozmix. TV Tool @ 1116'.
~~REMOVED~~ Cemented top w/300 sacks 50-50 Pozmix. Plug Down
1 PM 6-22-63. WOC.

6-24-63 1501' Drilling. Drilled out shoe 2445 AM 6-24-63. Tested Casing
@ 1500' for 30 min. Drilled TV Tool & retested @ 1500' for
30 min. Tested O.K.



I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **Sinclair Oil & Gas Company**

Address **601 Denver Club Building**

Denver 2, Colorado

By **M. E. Brown**

M. E. Brown

Title **Division Chief Clerk**

(SUBMIT IN TRIPLICATE)

Indian Agency

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee

Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

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NOTICE OF INTENTION TO ABANDON WELL	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

WELL NO. 114

July 10, 1963

1963

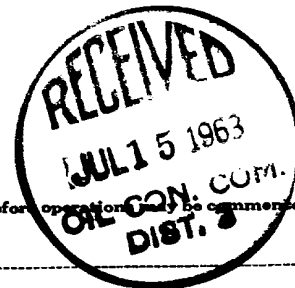
Well No. 1 is located 660 ft. from [S] line and 660 ft. from [W] line of sec. 34

34/4 Sec. 34
(1/4 Sec. and Sec. No.)27 North
(Twp.)20 West
(Range)100W
(Meridian)W114000
(Field)San Juan
(County or Subdivision)New Mexico
(State or Territory)The elevation of the ~~surface~~ above sea level is 5200 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

7/12/63 - T.D. 4000'. - Run 2 1/2" 7' 00" 2 1/2" 4-5/8" & 11-00 Casing set at 4000',
ground measurement. Cemented with 200 sacks Class C
Pacifi 50-60, 15 gal. oil. 22-1/2" 22-1/2" 22-1/2" 22-1/2"
with 30 at neck on bottom. Plug down at 11:00 a.m. 7/22/63.
Plug run temperature survey.



I understand that this plan of work must receive approval in writing by the Geological Survey before operation can be commenced.

Company Standard Oil & Gas Company

Address 601 Denver Club Building

Denver 2, Colorado

By

H. E. Brown

Title

Dist. Clerk

27N



U. S. LAND OFFICE Farmington
SERIAL NUMBER 14-20-0603-7278
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

TIGHT HOLE * STRICTLY CONFIDENTIAL

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

LOCATE WELL CORRECTLY

Company	Sinclair Oil & Gas Company	Address	601 Denver Club Building Denver 2, Colorado - 80202													
Lessor or Tract	Navajo Tribal #141	Field	Wildcat	State	New Mexico											
Well No.	1	Sec.	34	T.	27N	R.	18W	Meridian		County	San Juan					
Location	660	ft.	(N)	of	S	Line and	660	ft.	(E)	of	W	Line of	Sec. 34-27N-18W	Elevation	5624	GL

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.

Signed W. E. Brown

Date September 20, 1963 Title Division Chief Clerk

The summary on this page is for the condition of the well at above date.

Commenced drilling 6-7, 19 63 Finished drilling 7-29, 19 63

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6812 to 6828 (G) No. 4, from _____
 No. 2, from _____ to _____ No. 5, from _____
 No. 3, from _____ to _____ No. 6, from _____

RECEIVED
 SEP 26 1963
 CHICAGO, ILL.

IMPORTANT WATER SANDS

No. 1, from 1700 to 2164 No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
13 3/8	118	8-R	H-10	101	Float & Guide	None			
9 5/8	96	8-R	J-55	878	"	"			
9 5/8	10	8-R	J-55	3690	"	"			
7	23	8-R	N-80	2503	"	"	6448	6452	Tested & Sgud.
7	23	8-R	J-55	5088	"	"	6448	6476	" "
5	15	8-R	J-55	789	"	"	6812	6817	Open
2 3/8	47	8-R	J-55	6231			6822	6828	"

4-55 6231 WEDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8	403	350	Halliburton	66 Vis.	
9 5/8	4500	300	Halliburton	66 Vis.	
7	6591	200	Halliburton	" "	
5	7307 - 6591	75	Halliburton	" "	

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from Surface feet to 7309 TO feet, and from feet to feet.

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

SHUT-IN GAS WELL

Put to producing -----, 19-63

The production for the first 24 hours was ----- barrels of fluid of which ----- % was oil; ----- % emulsion; ----- % water; and ----- % sediment. Gravity, °Bé. -----

If gas well, cu. ft. per 24 hours ~~1006~~¹⁰⁰⁶ ~~per day~~ Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in. -----

EMPLOYEES

Calvin Anderson	Driller	R. E. Thompson	Driller
Norris Bowen	Driller		Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	430'	430'	<u>MANCOS</u>
430'	087'	457'	Not Logged Shale, dark gray to black, calcareous, where silty, with interbedded gray siltstone.
887	970'	83'	<u>BAROTI</u> Interbedded siltstone and sandstone; sandstone, white to cream, very fine grained, well sorted, subrounded, silty in part; siltstone, gray calcareous in part.
970	1108'	138'	Sandstone, buff to white, poorly sorted, subrounded, siliceous cement, some interstitial clay.
1108	1600'	492'	<u>ROBINSON</u> Interbedded sandstone, shale and siltstone; sandstone, cream to white, medium to coarse grained; shale, gray to black, silty; siltstone, varicolored.
1600	1700'	100'	Shale, varicolored, silty, calcareous, with minor interbedded brown siltstone.
1700	2164'	464'	Sandstone, cream, white, pink, very fine grained to coarse grained, with minor interbedded, varicolored silty shale. Substantial water flow from these sands.
2164	2175'	11'	<u>TOBIAS</u> Limestone, brown, crystalline, silty.

FORMATION RECORD-Continued

FROM-	TO-	TOTAL FEET	FORMATION
2175'	2900'	725'	BRITISH Sandstone, gray to gray brown, very fine to coarse grained, poorly sorted, silty w/minor interbedded, brown to orange, silty. Shale and claystone, red-brown to purple, silty. Siltstone and shale, varicolored, silty to sandy.
3520	3520'	620'	DE CHALK Sandstone, white, cream, very fine grained to coarse grained, with interbedded, varicolored to mottled, claystone.
4378	4700'	322'	ORANGE ROCK Interbedded sandstone, shale, and siltstone; sandstone, cream, brown, orange, poorly sorted, dolomite in part, water flow encountered @ 4550-4555'; shale, varicolored, silty; siltstone, orange to brown, dolomite.
4700	5000'	300'	Claystone, gray to gray purple, mottled, soft, non-calcareous, with minor shale inclusions.
5000	5500'	500'	Interbedded shale and siltstone; shale, gray, green, purple, mottled, calcareous in part; siltstone, gray to purple, sandy in part.
5500	5694'	194'	Interbedded shale and siltstone, varicolored, very calcareous, with minor cherty limestone stringers.
5694	5990'	296'	HERNOSA Interbedded shale and siltstone; shale, green, gray, purple, mottled, silty, calcareous; siltstone, gray to green, calcareous, with minor cherty limestone stringers.
5930	6375'	445'	Cherty, some micaceous, gray-buff, limestone, gray, argillaceous, gray-buff, fossiliferous, some brown crystalline; trace gray pyritic shale; interbedded cherty, red to tan.
6375	6669'	284'	ISMAI Limestone, dark gray to brown, dense, very fine crystalline, some argillaceous, very fossiliferous @ 6120-30', CHALK @ 6175-80'; shale, varicolored, trace gray siltstone.
6669	6725'	46'	MILAS Shale, varicolored, silty, calcareous; limestone, dark gray, becoming varicolored, fine crystalline.
6715	6896'	181'	MISISSIPPIAN Limestone, purple, orange, mottled, crystalline to cherty, becoming suggestive to micocrystalline in the lower section; siltstone @ 6810-6829'.
6896-6923	6923'	27'	QUEY Interbedded varicolored shales and gray, dense, dolomite.
6923	7090'	167'	ELBERT Dolomite, varicolored, crystalline, micaceous, siltstone, shale.
7090	7133'	43'	NO CRACK Sandstone, white, fine to coarse grained, poorly sorted, silty with stringers of fine crystalline, pink, sandy, dolomite and maroon shale.
7133	7205'	72'	ARIZONA Limestone, gray, white, dense, dolomite; dolomite, gray, fine crystalline, with minor, black, silty, shale.
7205	7211'	6'	CANADIAN Sandstone, white, fine to coarse grained, argillaceous, silty, w/minor cherty limestone stringers.

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

General to Subrounded, poorly sorted.

THE CANADIAN
Limestone, salmon colored, coarse grained, crystalline, with blotches, hornblende, calcite, quartzite with minor weathered placoclase.