

Scout Report sent
 Noted in the NID File
 Location map pinned
 Approval or Disapproval Letter
 Data Completed. P. & A. operations suspended
 Pin changed on location map
 Affidavit and Record of A & P
 Water Shut-Off Test
 Gas-Oil-Ratio Test
 Well Log Filed

-
-
-
-
-
-
-
-
-

12-4-59 NON-COMMERCIAL

FILE NOTATIONS

Entered in NID File _____

Entered On S R Sheet _____

Location Map Pinned _____

Card Indexed _____

IWR for State or Fee Land _____

Checked by Chief _____

Copy NID to Field Office _____

Approval Letter _____

Disapproval Letter _____

COMPLETION DATA:

Date Well Completed 12-4-59

OW _____ WW _____ TA _____

GW _____ OS _____ PAX

Location Inspected _____

Bond released _____

State of Fee Land _____

Driller's Log 12-8-59 LOGS FILED

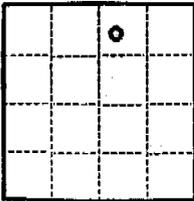
Electric Logs (No.) 2

E _____ E-1 _____ GR _____ GR-N _____ Micro _____

162 ✓ Mi-L ✓ Sonic _____ Others _____

(SUBMIT IN TRIPLICATE)

Land Office Utah
Lease No. 032915
Unit _____



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	<input type="checkbox"/>	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	<input type="checkbox"/>	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	<input type="checkbox"/>	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	<input type="checkbox"/>	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	<input type="checkbox"/>	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	<input type="checkbox"/>		

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

East Canyon Federal

July 16, 19 59

Well No. 1 is located 1300 ft. from N line and 2100 ft. from E line of sec. 35
NE/4 Sec. 35 16-S 24-E Salt Lake Meridian
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat Grand Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6100 ft. (Approx).

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)

CASING PROGRAM

Surface - Mesa Verde
 1,500' - Top Castlegate
 5,100' - Top Dakota
 5,450' - Top Morrison
 6,000' - Top Entrada
 6,200' - Total Depth

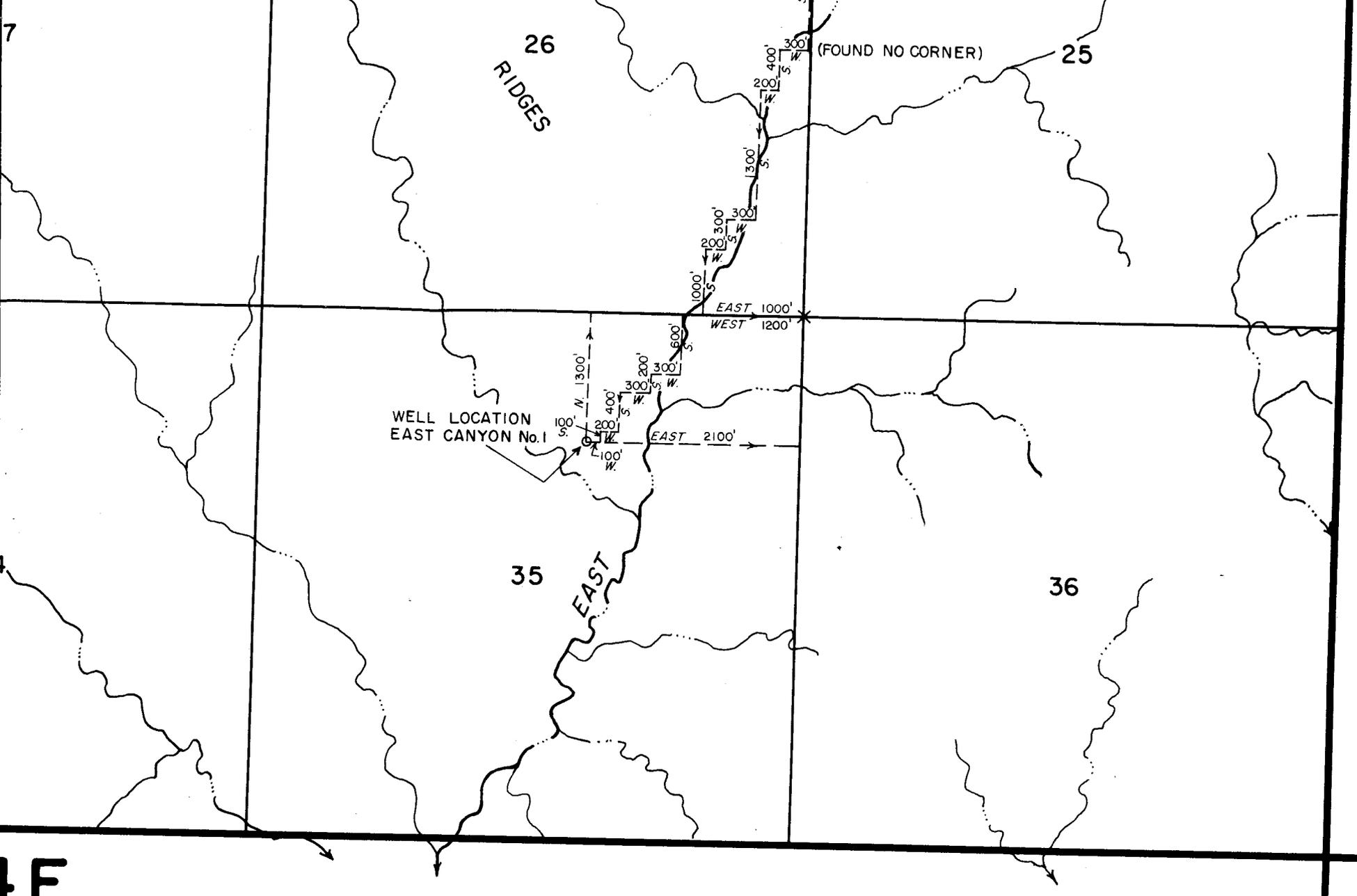
10 3/4" OD - 32.75# @ 200'.
 5 1/2" OD - 14# - 15.5# @ 6200'.

Prime objective is Dakota
 Gas possibilities in all formations.

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

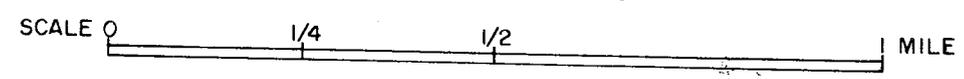
Company The Harrock Oil and Gas Corporation
 Address Box 631
Anarillo, Texas

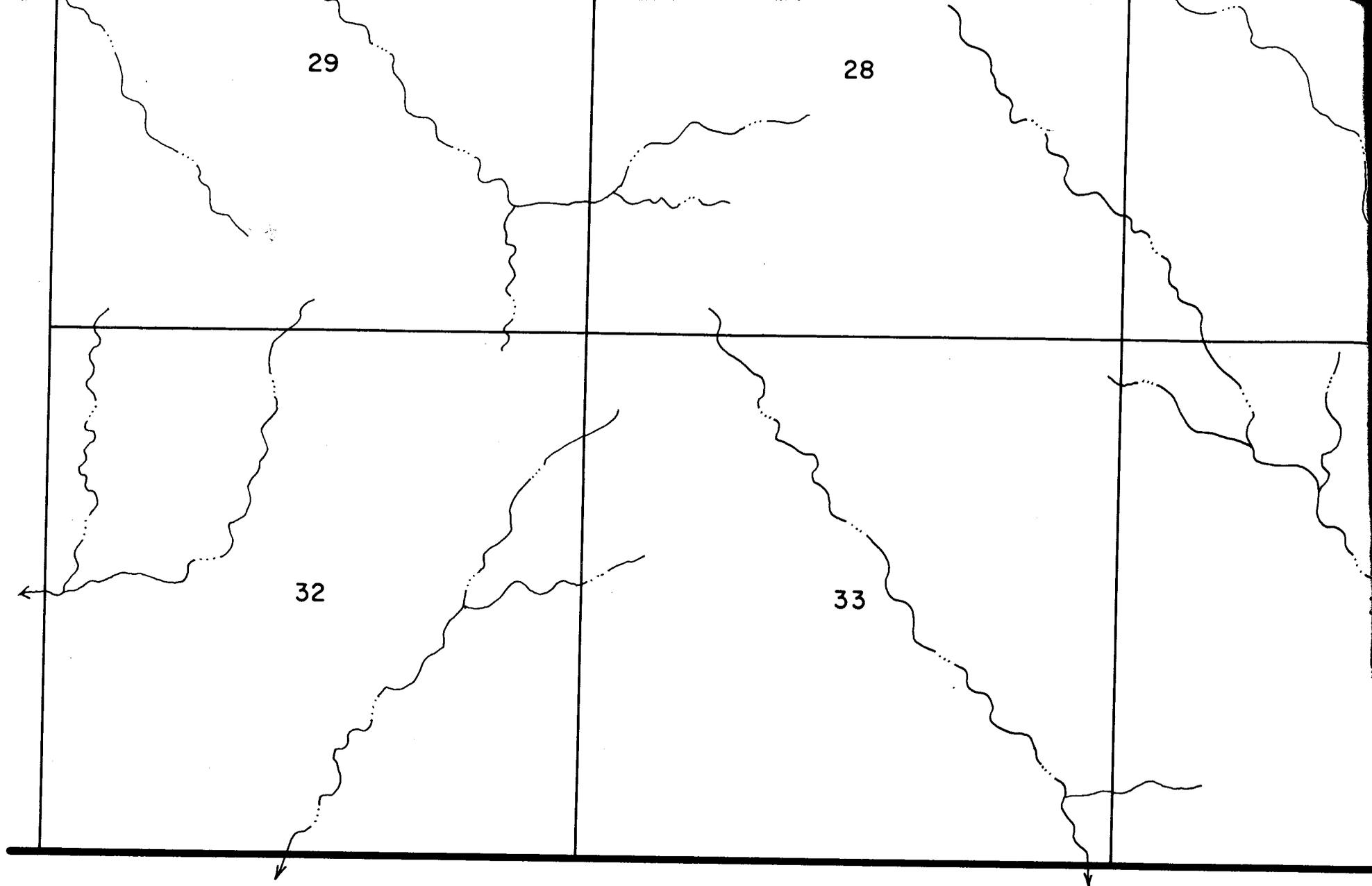
By Aaron P. Linn
 Title Vice President in Charge of Production



E

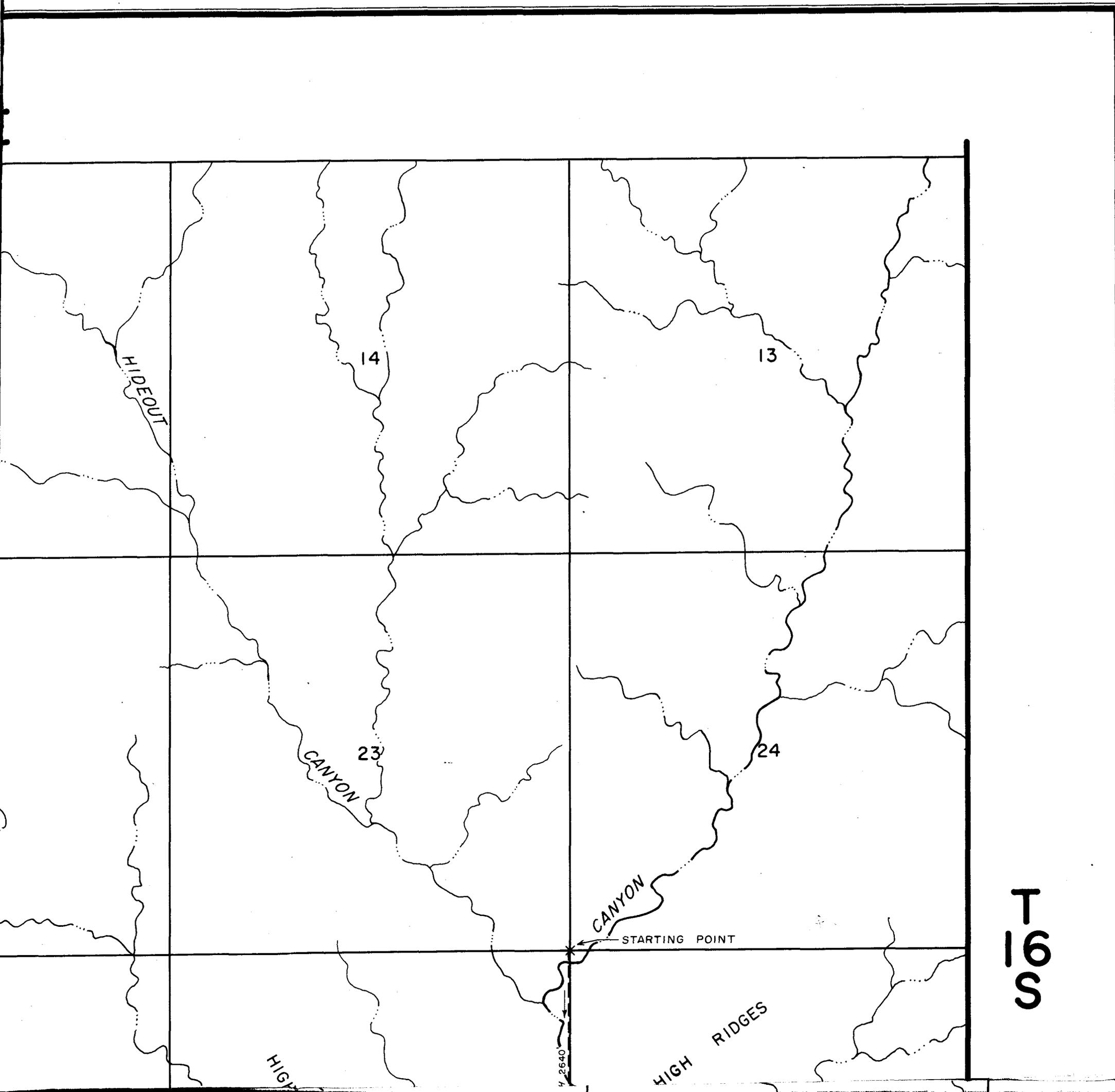
SURVEY PLAT
OF
WELL LOCATION
EAST CANYON No. 1
SWNWNE SEC. 35
T16S, R 24 E
GRAND COUNTY, UTAH





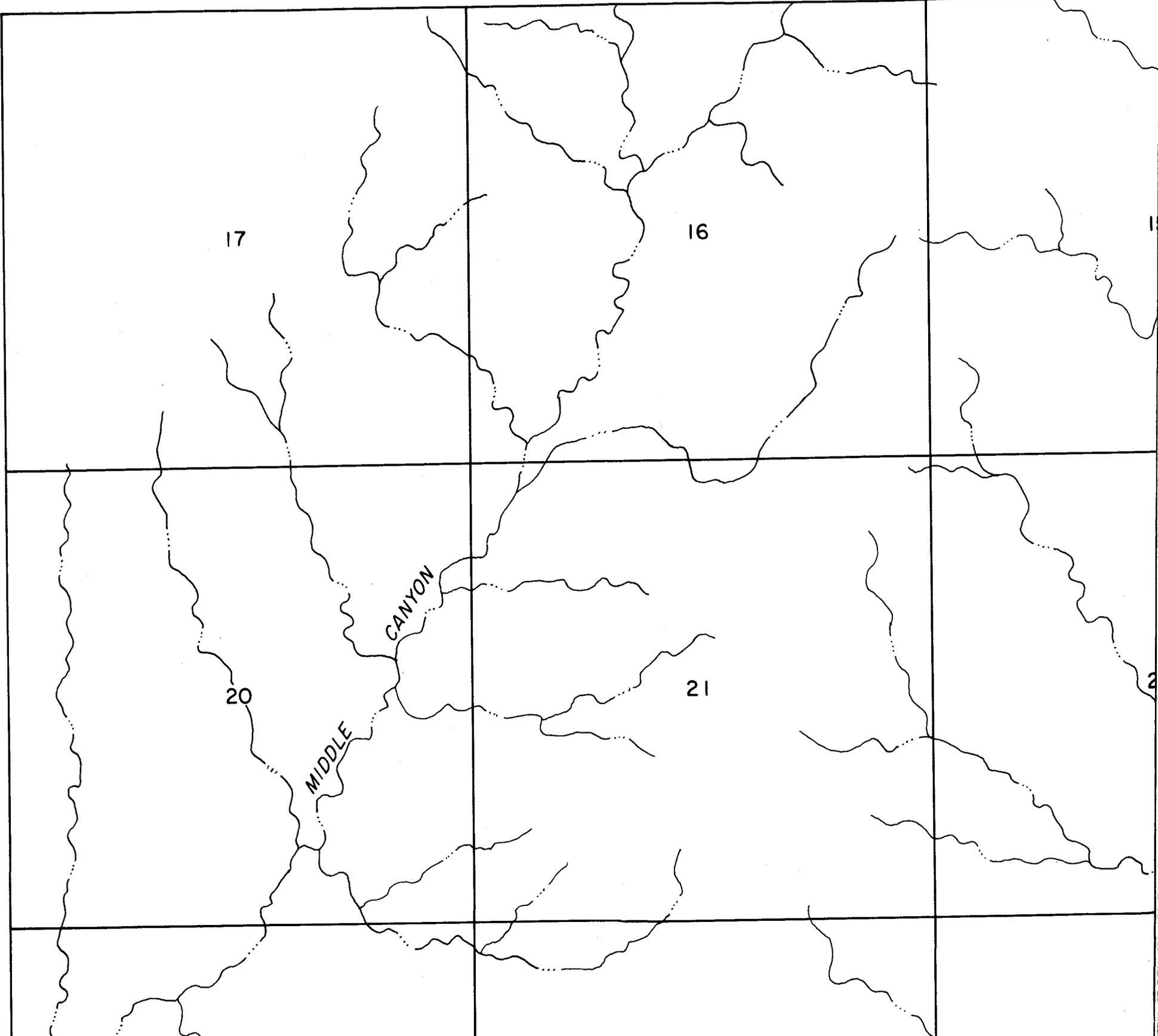
R2

SURVEYED BY · W. DON QUIGLEY AND RALPH THOMAS
JUNE 4 & 5, 1959



195

R 24



1-95



THE SHAMROCK OIL AND GAS CORPORATION

FIRST NATIONAL BANK BUILDING

BOX 631 - AMARILLO, TEXAS

W. E. NOTESTINE
ATTORNEY

July 21, 1959

Secretary
The Oil and Gas Conservation Commission
State of Utah
Room 140, The Capitol
Salt Lake City, Utah

Gentlemen:

The Shamrock Oil and Gas Corporation contemplates drilling a well for oil and gas on Section 35, Township 16 South, Range 24 East of the Salt Lake Meridian, Grand County, Utah. This tract is Federal Public Domain Land covered by Federal Lease No. U-032915 which is held by Graham S. Campbell. Naturally, a \$5,000.00 Lessee's Bond will be filed with and approved by the United States prior to the commencement of any operations in this lease. We have noticed that Rule C-1 of your General Rules and Regulations would seem to require the filing of a bond in favor of the State of Utah unless this requirement is waived. Please advise whether this rule does require the filing of a bond in favor of the State of Utah under the circumstances outlined above and, if so, what steps we should take in requesting a waiver of such requirement.

Yours very truly,

W. E. Notestine

WEN:bb

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
310 NEWHOUSE BUILDING
SALT LAKE CITY 11, UTAH

July 22, 1959

The Shamrock Oil & Gas Corporation
Box 631
Amarillo, Texas

Attention: Dan P. Long,
Vice President in Charge
of Production

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. East Canyon Federal 1, which is to be located 1300 feet from the north line and 2100 feet from the east line of Section 35, Township 16 South, Range 24 East, SEEM, Grand County, Utah.

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

This approval terminates within 90 days if the above mentioned well is not spudded in within said period.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
EXECUTIVE SECRETARY

CSP:cc

cc: D. F. Russell, Dist. Eng.
U. S. Geological Survey
Salt Lake City, Utah

THE SHAMROCK OIL AND GAS CORPORATION

FIRST NATIONAL BANK BUILDING

BOX 631 - AMARILLO, TEXAS

Reply to:
Rocky Mountain Exploration District
First Security Bldg. Room 1192
Salt Lake City 11, Utah

JULY 22, 1959

STATE OF UTAH OIL AND GAS
CONSERVATION COMMISSION
310 NEWHOUSE BUILDING
SALT LAKE CITY, UTAH

ATTENTION: MR. C. B. FEIGHT

GENTLEMEN:

THE SHAMROCK OIL AND GAS CORPORATION WISHES TO APPLY FOR AN EXCEPTION OF RULE C-3A REGARDING THE SPACING OF THE EAST CANYON FEDERAL #1 WELL. WE HAVE SELECTED A DRILL SITE 1300 FEET SOUTH OF THE NORTH LINE AND 2100 FEET WEST OF THE EAST LINE OF THE NE/4 OF SECTION 35, TOWNSHIP 16 SOUTH, RANGE 24 EAST, SALT LAKE MERIDIAN FOR THE FOLLOWING REASONS:

1. THE SUBJECT LOCATION IS IN THE BOOK CLIFFS OF EASTERN UTAH WHERE TOPOGRAPHY IS AN OBSTACLE. HIGH CLIFFS AND DEEP CANYONS COVER THE ENTIRE AREA MAKING ACCESSIBILITY A PROBLEM. WE WISH TO LIMIT THE SELECTION OF DRILL SITES TO THE CANYON FLOOR, THEREBY AVOIDING EXORBITANT ROAD COSTS.
2. IN ORDER TO COMPLY WITH RULE C-3A IT WOULD BE NECESSARY TO LOCATE THE DRILL SITE IN THE DRY WASH OF THE CANYON FLOOR OR ATTEMPT TO LOCATE ON ONE OF THE HIGH CLIFFS. IT IS UNWISE TO LOCATE A DRILL SITE IN THE STREAM BED AS RAINSTORMS THAT ARE CHARACTERISTIC TO THIS AREA FILL THE STREAMBEDS WITH HIGH WATERS THAT WOULD CAUSE EXCESSIVE DAMAGE TO EQUIPMENT.

THE DRILL SITE SELECTED IS IN THE CANYON FLOOR OF EAST CANYON AND IS ON RELATIVELY HIGH GROUND, THEREBY POSSIBLY ELIMINATING ANY CHANCE OF DAMAGE DUE TO HIGH WATERS.

WE RESPECTFULLY REQUEST THAT WE BE PERMITTED TO DRILL THE SUBJECT TEST AT THE AFOREMENTIONED LOCATION.

SINCERELY,



RALPH THOMAS

RT:SW

July 23, 1959

Shamrock Oil and Gas Corporation
First National Bank Building
P. O. Box 631
Amarillo, Texas

Attention: W. E. Notestine, Attorney

Gentlemen:

This is to acknowledge receipt of your letter of July 21, 1959.

Please be advised that this Commission waives its requirement of filing a bond in the favor of the State of Utah where a bond has been filed with the United States Geological Survey to cover the drilling and plugging of wells located on Federal or Indian lands.

It is not necessary for you to duplicate your bond with this Commission for the drilling of your East Canyon - Federal No. 1 well.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FREIGHT
EXECUTIVE SECRETARY

CBF:co

UTAH

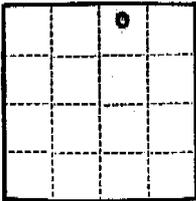
(SUBMIT IN TRIPLICATE)

Land Office _____

U-032915

Lease No. _____

Unit _____



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

m/h
1/4

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 RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	<input checked="" type="checkbox"/>	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)

OCTOBER 19, 19 59

Well No. 1 is located 1300 ft. from N line and 2100 ft. from E line of sec. 35
N 4 35 16 S 24E SLM
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
WILDCAT GRAND UTAH
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is _____ 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)

REQUEST PERMISSION TO AMMEND CASING PROGRAM TO READ AS FOLLOWS:

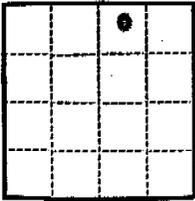
10 3/4" OD - 32.75# @ 800 CEMENT TO CIRCULATE TO SURFACE

5 1/2" OD - 14# - 15.5# @ 6200

[Handwritten signature]

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

Company THE SHAMROCK OIL AND GAS CORPORATION
 Address 1192 FIRST SECURITY BUILDING
SALT LAKE CITY 11, UTAH
 By Ralph Thomas
 Title DISTRICT GEOLOGIST



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office UTAH
Lease No. U-032915
Unit _____

[Handwritten signature]

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 RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING 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)

NOVEMBER 24, 1959

Well No. 1000 is located 1300 ft. from {N} line and 2100 ft. from {E} line of sec. 35

NE/4 35 16S 24E SLM
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)

WILDCAT GRAND UTAH
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is _____ 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)

REQUEST PERMISSION TO AMMEND CASING PROGRAM TO READ AS FOLLOWS:

13 3/8" OD - 39.6# @ 210 CEMENT TO CIRCULATE TO SURFACE

9 5/8" OD - 25# @ 1350 CEMENT TO CIRCULATE TO SURFACE

5 1/2" OD - 14# - 15.5# @ 6200

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

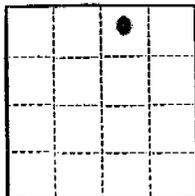
Company THE SHAMROCK OIL AND GAS CORPORATION

Address 1192 FIRST SECURITY BUILDING

SALT LAKE CITY 11, UTAH

By *[Handwritten signature]*

Title DISTRICT SCOUT



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office UTAH
Lease No. U-032915
Unit _____

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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 RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING 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	X		

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

DECEMBER 4, 1959

Well No. 1 is located 1300 ft. from N line and 2100 ft. from E line of sec. 35
NE/4 35 16S 24E SLM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
WILDCAT GRAND UTAH
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6192 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)

REQUEST PERMISSION TO PLUG AND ABANDON BECAUSE WELL IS NON-COMMERCIAL

PROPOSED PLUGS:
 35 SX @ TD 6030-5912
 30 SX @ 5420-5322
 25 SX @ 1370-1309
 10 SX @ SURFACE

WELL WAS DRILLED WITH AIR TO TD AND MUDDED UP IN ORDER TO RUN LOGS.

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

Company THE SHANROCK OIL AND GAS CORPORATION
 Address 1192 FIRST SECURITY BUILDING
SALT LAKE CITY 11, UTAH
 By Ralph Thomas
 Title DISTRICT GEOLOGIST

		0	

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office UTAH
Lease No. U-032915
Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....		SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
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NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....		SUBSEQUENT REPORT OF CASING PROGRAM X	

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

DECEMBER 7, 19 59

Well No. 1 is located 1300 ft. from N line and 2100 ft. from E line of sec. 35
NE/4 35 16S 24E SLM
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
WILDCAT GRAND UTAH
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6192 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)

13 5/8" - 39.6# ARMCO SPIRAL WELD CASING SET AT 210'. CEMENTED W/ 150 SX.

9 5/8" - 25# ARMCO SPIRAL WELD CASING SET AT 1357'. CEMENTED WITH 500 SX.

CEMENT CIRCULATED ON BOTH STRINGS.

HOLE REMAINED DRY FROM 1357' TO 6020'.

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

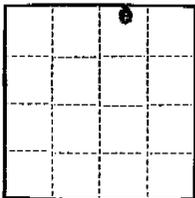
Company THE SHAMROCK OIL AND GAS CORPORATION

Address 1192 FIRST SECURITY BUILDING

SALT LAKE CITY 11, UTAH

By Calvin Thomas

Title DISTRICT GEOLOGIST



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office UTAH
Lease No. U-032915
Unit _____

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SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
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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)

DECEMBER 7, 1959

Well No. 1 is located 1300 ft. from N line and 2100 ft. from E line of sec. 35
NE/4 35 16S 24E SLM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
WILDCAT GRAND UTAH
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6192 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)

REPORT OF PLUGGING PROCEDURE:

35 SX CEMENT SPOTTED ON BOTTOM. PLUG FROM 6030-5912.
 30 SX CEMENT SPOTTED AT 5420. PLUG FROM 5420-5322.
 25 SX CEMENT SPOTTED AT 1370. PLUG FROM 1370-1309.
 10 SX CEMENT SPOTTED AT SURFACE.

DRILLING MUD IS BETWEEN ALL PLUGS.

210' OF 13 5/8" CASING AND 1357' OF 9 5/8" CASING LEFT IN HOLE.

PLUGGED AND ABANDONED DECEMBER 4, 1959.

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

Company THE SHAMROCK OIL AND GAS CORPORATION

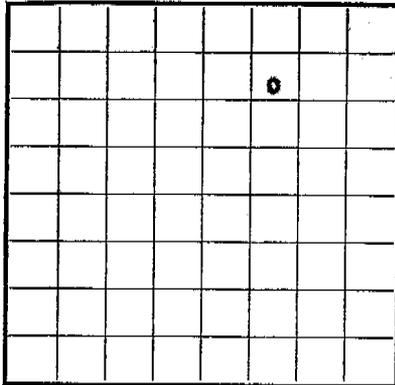
Address 1192 FIRST SECURITY BUILDING
SALT LAKE CITY 11, UTAH

By Ralph Thomas

Title DISTRICT GEOLOGIST

UTAH

U. S. LAND OFFICE _____
SERIAL NUMBER U-032915
LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Handwritten signature/initials

LOG OF OIL OR GAS WELL

Company THE SHAMROCK OIL AND GAS CORP. Address 1192 FIRST SECURITY BLDG., S.L.C., UT.
Lessor or Tract U-032915 Field WILDCAT State UTAH
Well No. 1 Sec. 35 T. 16S R. 24E Meridian SLM County GRAND
Location 1300 ft. N. of N Line and 2100 ft. E. of E Line of SECTION 35 Elevation 6191
(Derrick floor relative to sea level)

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.

Date DECEMBER 7, 1959 Signed Ralph L. Thomas Title DISTRICT GEOLOGIST

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

Commenced drilling NOVEMBER 15, 1959 Finished drilling DECEMBER 4, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4575 to 4580 (MANCOS SHALE) No. 4, from _____ to _____
No. 2, from 5350 to 5368 G No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 60 to 150 No. 3, from 796 to 804
No. 2, from 587 to 707 No. 4, from 1228 to 1310

WELL MARKING 40-50 BMPH @ 1484

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	39.6	SPIRAL WELD	ARMCO	210	GUIDE	NONE			CONDUCTOR
9 5/8	25	SPIRAL WELD	ARMCO	1357	WIDE	NONE			SHUT OFF WATER

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8	210	150			
9 5/8	1357	500	PUMPED PLUG TO 1340		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

OLD MARK

SHOOTING RECORD

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

TOOLS USED

Rotary tools were used from SURFACE feet to 6030 feet, and from _____ feet to _____ feet

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

DATES

_____, 19____ Put to producing NONE, 19____

The production for the first 24 hours was NONE barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	60	60	VALLEY FILL
60	290	230	BANDSTONE
290	330	40	SANDY SHALE
330	540	210	SAND AND SHALE
540	680	140	SHALE W/STREAKS OF SANDSTONE
680	800	120	BANDSTONE
800	870	70	SAND & SHALE
870	940	70	SAND
940	1140	200	SAND & SHALE
1140	1330	190	BANDSTONE
1330	1595	265	SHALE AND SHALEY SANDSTONE
1595	1625	30	BANDSTONE
1625	1685	60	SILTSTONE
1685	5100	3415	SHALE SHOW OF OIL & GAS @ 4775
5100	5160	60	SANDY SHALE
5160	5185	25	SILTY SANDSTONE
5185	5277	92	SHALE
5277	5283	6	COAL
5283	5300	17	SILTY SANDSTONE
5300	5320	20	SANDSTONE
5320	5350	30	SHALE
5350	5368	18	SAND - SLIGHT SHOW GAS & TRACE WATER
5368	5430	62	SILTSTONE
5430	5717	287	SANDY SHALE W/STREAKS OF SANDSTONE
5717	5745	28	SANDSTONE

[OVER]

10-43094-4

DEC 8 1959

FORMATION RECORD—CONTINUED

MARK

DATE	DEPTH OF WELL	DIAMETER OF CASING	TYPE OF CASING	TYPE OF CEMENT	AMOUNT OF CEMENT

WINDING AND CEMENTING RECORD

HISTORY OF OIL OR GAS WELL

16-42094-2 U. S. GOVERNMENT PRINTING OFFICE

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, size, 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.

SPUDDED NOVEMBER 15, 1959.
 SET 10 3/8" CASING @ 210' W/150 SX CEMENT - CEMENT CIRCULATED.
 SET 9 5/8" CASING @ 1357' W/500 SX CEMENT - CEMENT CIRCULATED.
 DRILLED W/AIR TO 6030'.
 ENCOUNTERED SHOW OF OIL & GAS @ 4575'. SHUT DOWN TO TEST SHOW @ 4885'.
 GAUGED 398 MCF. IN 1 HR. DECREASED TO 196 MCF.
 STARTED COMPRESSORS IN 2 HRS. HOLE UNLOADED ESTIMATED 2 BD. RESUMED DRILLING
 OIL & GAS DECREASED AND DIED IN 6 HRS. VERY SLIGHT SHOW OF GAS W/TRACE OF
 WATER @ 5352' TOO SMALL TO MEASURE.
 DRILLED TO 6030'. ENCOUNTERED SALT WATER @ 6020' - HAD 4000' OF FILL UP.
 MUDDIED UP TO RUN LOGS. SCHLUMBERGER TOTAL DEPTH 6035'.
 SPOTTED 35 SX CEMENT ON BOTTOM.
 SPOTTED 30 SX CEMENT @ 5420'.
 SPOTTED 25 SX CEMENT @ 1370'.
 SPOTTED 10 SX CEMENT AT SURFACE.
 PLUGGED AND ABANDONED DECEMBER 4, 1959.

The information on this page is for the completion of the well log and should be
 determined from all available records.
 The information given hereafter is a complete and correct record of the work done and all work done thereon
 should be determined from all available records.
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 should be determined from all available records.

LOCAL WELL CORRELATION

LOG OF OIL OR GAS WELL

GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR
UNITED STATES

TYPE OF WELL TO BE DRILLED
WATER CURED
WATER CURED

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R356.5
Approval expires 12-31-60.

LAND OFFICE UTAH
LEASE NUMBER U-032915
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County GRAND Field WILDCAT

The following is a correct report of operations and production (including drilling and producing wells) for the month of NOVEMBER & DECEMBER, 1959,

Agent's address 1192 FIRST SECURITY BUILDING Company THE SHAMROCK OIL & GAS CORP.
SALT LAKE CITY 11, UTAH Signed Ralph Thomas

Phone DA 8-0165 Agent's title DISTRICT GEOLOGIST

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
1300 FR N 2100 FR E	16S	24E	1	0	0	-	0	0	0	<p>SPUD 11/15/59 CASING: 13 3/8" SET @ 210' w/150 SX AND 9 5/8" @ 1357' w/500 SX CEMENT CIRCULATED DRILLED W/AIR TO 6030'. ENCOUNTERED SHOW OF GAS AND OIL @ 4575'. SHUT DOWN @ 4585'. GAUGED 398 MCF W/SPRAY OF DISTILLATE, IN 1 HR. GAUGED 196 MCF. STARTED COMPRESSORS IN 2 HRS AND HOLE UNLOADED 2 BO. RESUMED DRILLING FLOW OF GAS TSTM IN 8 HRS. ENCOUNTERED SLIGHT SHOW OF GAS @ 5352' TSTM. ENCOUNTER- ED SALT WATER IN THE ENTRADA @ 6020'. 4000' WATER IN HOLE @ 6030'. MUDDED UP AND RAN LOGS. PLUGGED WITH: 35 SX CMT. ON BOTTOM 30 SX CMT. 5420-5322 25 SX CMT. 1370-1309 10 SX CMT. AT SURFACE TD 6030' PLUGGED AND ABANDONED 12-4-59.</p>

NOTE.—There were no runs or sales of oil; no M cu. ft. of gas sold;
no runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.