

FILE NOTATIONS

Entered in NID File ✓
 Entered On S R Sheet ✓
 Location Map Pinned ✓
 Card Indexed ✓
 I W R for State or Fee Land _____

Checked by Chief RF
 Copy NID to Field Office ✓
 Approval Letter ✓
 Disapproval Letter _____

COMPLETION DATA:

Date Well Completed 4-19-62
 OW _____ WW _____ TA _____
 GW _____ OS _____ PA ✓

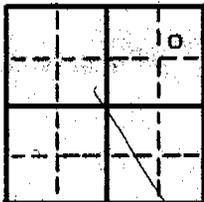
Location Inspected _____
 Bond released _____
 State of Fee Land _____

LOGS FILED

Driller's Log 5-14-62
 Electric Logs (No.) 2

E _____ I ✓ E-I _____ GR _____ GR-N _____ Micro _____
 Lat _____ Mi-L _____ Sonig _____ Others Formation Density Log

LU
5-0



STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
SALT LAKE CITY, UTAH

Fee and Patented.....
State
Lease No.
Public Domain.....
Lease No.
Indian
Lease No.

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.....		Subsequent Report of Altering Casing.....	
Notice of Intention to Redrill or Repair.....		Subsequent Report of Redrilling or Repair.....	
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)

March 19, 19 62

41-27
*Well No. Nelson is located 400 ft. from ~~(S)~~^(N) line and 500 ft. from ~~(W)~~^(E) line of Sec. 27

NE 1/4 Sec. 27 T. 20 S. R. 7 E. S.L.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Ferron Emery Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5889 feet. (Same as ground elevation)

A drilling and plugging bond has been filed with State Conservation Commission

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 work, surface formation, and date anticipate spudding-in.)

1. Drill 10-5/8" surface hole with air and set 150' of 7-5/8" casing with 50 sacs.
2. Drill additional 800' of 6-3/4" hole below surface casing with air, thru the Ferron sandstone into the Tununk Shale:
Top Ferron 715'
Top Tununk 915'
3. After logging, set 4-1/2" casing to total depth with 100 sacs.
4. Perforate in the gas-bearing sandstone intervals, frac, and test.
5. Complete, if testing indicates commercial volumes of gas.

* Drilling Unit #29

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

Company ENGLISH OIL COMPANY

Address 366 South Fifth East

Salt Lake City, Utah

By M. Darwin Quigley

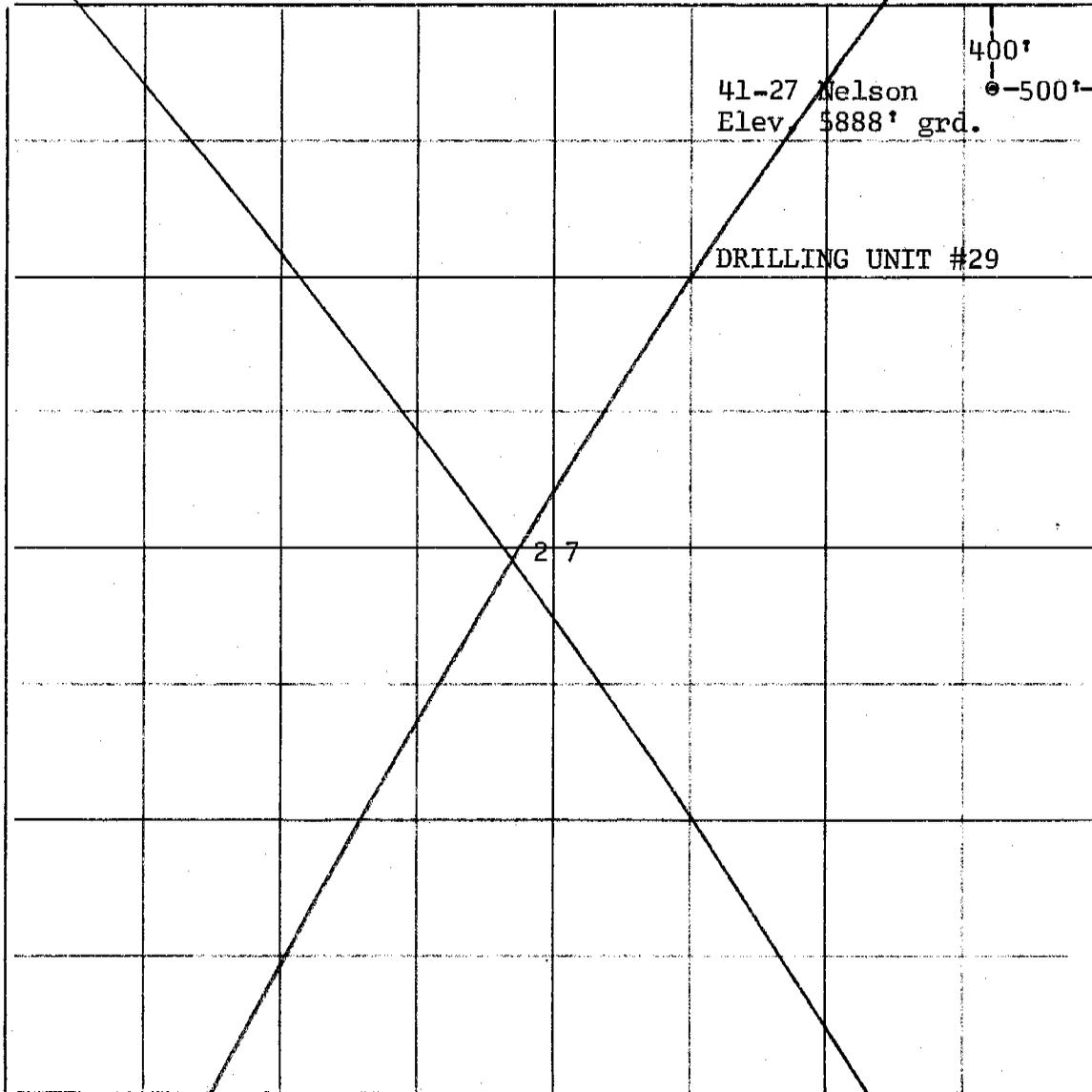
M. Darwin Quigley

Title Chief Geologist

INSTRUCTIONS: 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 rules, regulations and orders.

Township No. 20 S.

Range No. 7 E.



Meridian Line, S.L.

Base Line,
Standard Line,

Township Lines,

Section Line,

Meander Lines,

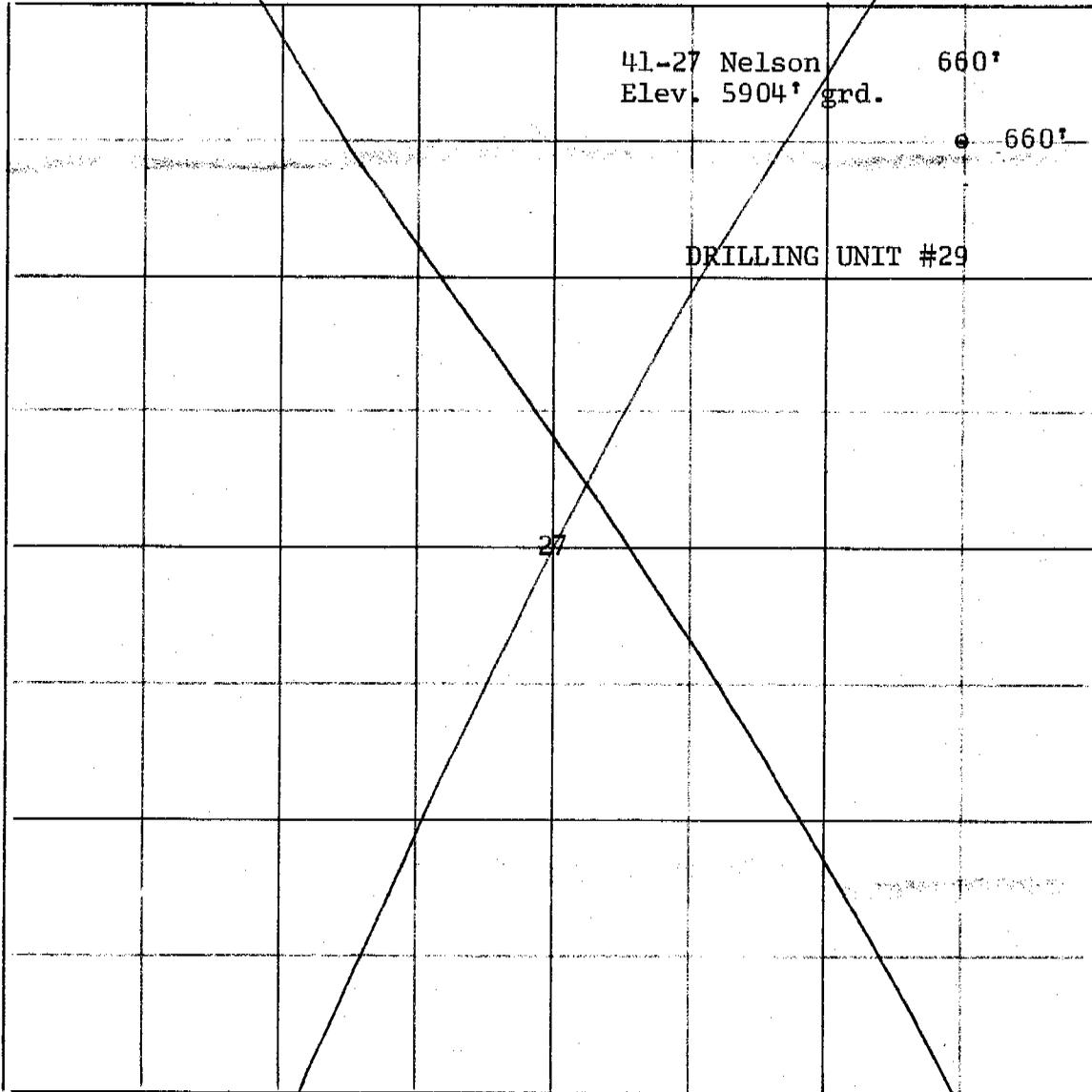
Office Work,

Ranch Lines Re-Survey,

The location was selected so as to not interfere with fields under cultivation.

Township No. 20 S.

Range No. 7 E.

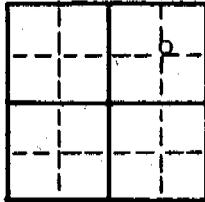


Meridian Line,
Base Line,
Standard Line,
Township Lines,

S.L.

Section Line,
Meander Lines,
Office Work,
Ranch Lines Re-Survey,

71288



STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
SALT LAKE CITY, UTAH

Fee and Patented.....
State
Lease No.
Public Domain
Lease No.
Indian
Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill.....	<input checked="" type="checkbox"/>	Subsequent Report of Water Shut-off.....	<input type="checkbox"/>
Notice of Intention to Change Plans.....	<input type="checkbox"/>	Subsequent Report of Altering Casing.....	<input type="checkbox"/>
Notice of Intention to Redrill or Repair.....	<input type="checkbox"/>	Subsequent Report of Redrilling or Repair.....	<input type="checkbox"/>
Notice of Intention to Pull or Alter Casing.....	<input type="checkbox"/>	Supplementary Well History.....	<input type="checkbox"/>
Notice of Intention to Abandon Well.....	<input type="checkbox"/>		<input type="checkbox"/>

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

(CORRECTED)

March 19,, 19 62.

41-27
Well No. Nelson is located 660 ft. from ~~{S}~~^{N} line and 660 ft. from ~~{W}~~^{E} line of Sec. 27
NE~~1~~/~~4~~ Sec. 27 T. 20 S. R. 7 E. S. L.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Ferron Emery Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5904 feet. (Same as ground elevation)

A drilling and plugging bond has been filed with State Conservation Commission

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 work, surface formation, and date anticipate spudding-in.)

1. Drill 10-5/8" surface hole with air and set 150' of 7-5/8" casing with 50 sacs.
2. Drill additional 800' of 6-3/4" hole below surface casing with air, thru the Ferron sandstone into the Tununk Shale:
Top Ferron 715'
Top Tununk 915'
3. After logging, set 4-1/2" casing to total depth with 100 sacs.
4. Perforate in the gas-bearing sandstone intervals, frac, and test.
5. Complete, if testing indicates commercial volumes of gas.

* Drilling Unit #29

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

Company..... ENGLISH OIL COMPANY

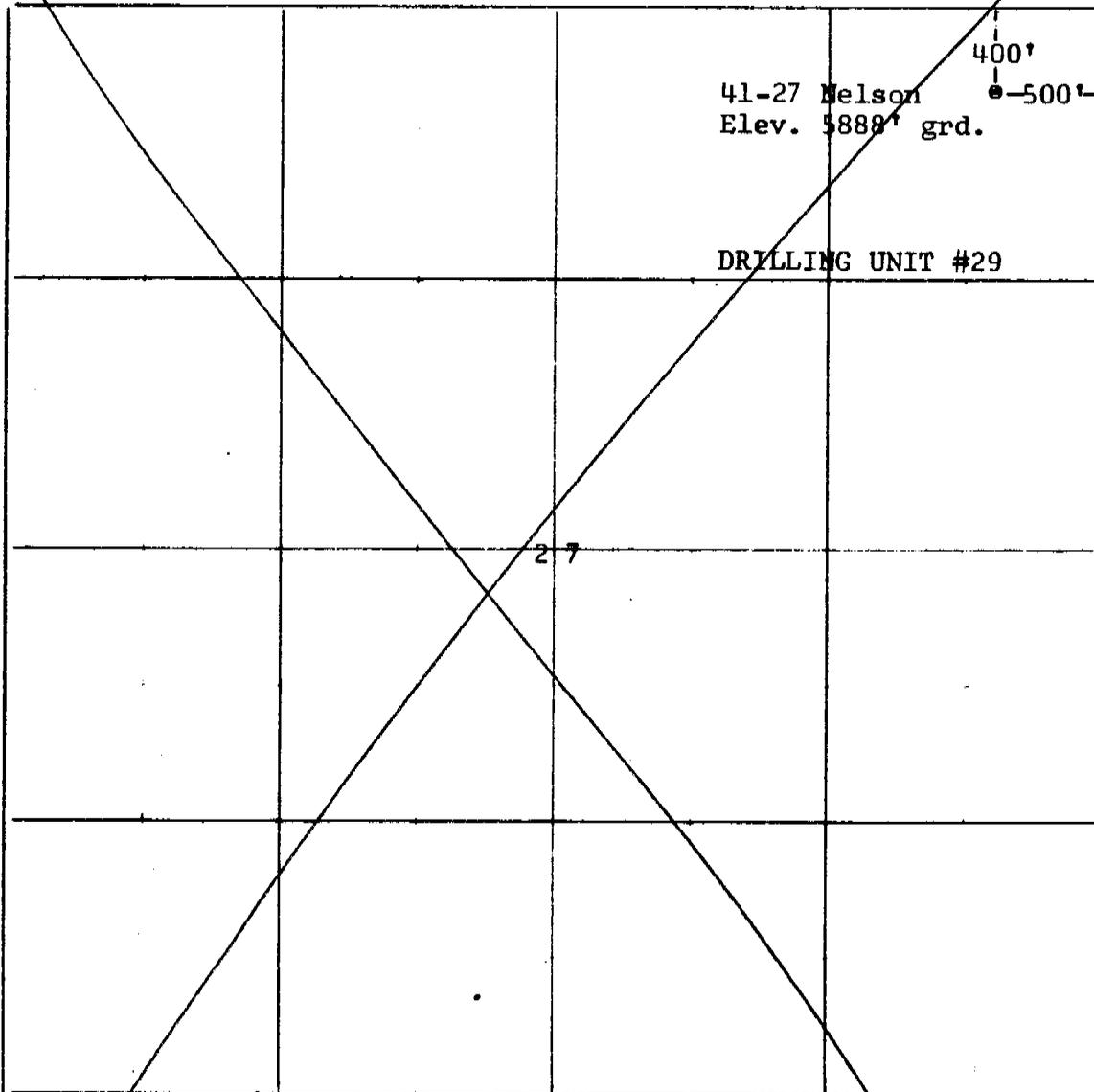
Address..... 366 South Fifth East
Salt Lake City 2, Utah

By..... M. Darwin Quigley
Title..... Chief Geologist

INSTRUCTIONS: 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 rules, regulations and orders.

Township No. 20 S.

Range No. 7 E.



Meridian Line, S.L.

Base Line,

Standard Line,

Township Lines,

Section Line,

Meander Lines,

Office Work,

Ranch Lines Re-Survey,

The location was selected so as to not interfere with fields under cultivation.

FORM

TELEPHONE: DAVIS 2-2583



March 27, 1962

State of Utah
Oil and Gas Conservation Commission
310 Newhouse Building
Salt Lake City 11, Utah

Re: Notice of Intention to Drill
Well No. 41-27 Nelson
Sec. 27, T. 20 S., R. 7 E., S.L.M.,
Emery County, Utah

Gentlemen:

Please find enclosed a corrected notice of intention to drill the subject well dated March 19, 1962. This corrected notice changes only the location of the well from 400 ft. from the North line and 500 ft. from the East line of Section 27 to 660 ft from the North line and 660 ft. from the East line of the same Section. Will you please disregard the notice previously filed in your office and file this notice with the corrected location for Well No. 41-27 Nelson?

Yours very truly,

ENGLISH OIL COMPANY

M. Darwin Quigley

M. Darwin Quigley
Chief Geologist

d/
Enclosure

March 28, 1962

English Oil Company
366 South 5th East
Salt Lake City, Utah

Attn: M. Darwin Quigley, Chief Geologist

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Nelson #41-27, which is to be located 660 feet from the north line and 660 feet from the east line of Section 27, Township 20 South, Range 7 East, S1EM, Emery County, Utah.

Please be advised that approval to drill said well is hereby granted in accordance with Drilling Unit #29 established in the Order issued for Cause No. 7, on December 13, 1957. However, said approval is conditional upon a bond being filed with this Commission prior to the well being spudded in.

This approval terminated within 90 days if the above mentioned well has not been spudded in within said period.

Please take note that should it be necessary to plug and abandon 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:

C. B. FLIGHT, Executive Director
Office Phone: DA 8-5771 or DA 8-5772
Home Phone: HU 5-2721

ROBERT L. SCHMIDT, Chief Petroleum Engineer
Office Phone: DA 8-5771 or DA 8-5772
Home Phone: AM 6-8616

English Oil Company
Attn: M. Darwin Quigley, Chief Geologist

March 28, 1962
Page Two

Address all other forms of communication to the Utah State Oil and Gas Conservation Commission, 310 Warehouse Building, Salt Lake City, Utah.

Please have the enclosed "Minimum Safety Requirements" notice posted in a conspicuous place on the drilling location.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

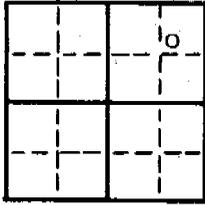
GLENN B. FREIGHT,
EXECUTIVE DIRECTOR

GVF:lb
Enclosure

cc: H. L. Coates - OGCC, Moab

(SUBMIT IN DUPLICATE)

LAND:



STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
SALT LAKE CITY, UTAH

Fee and Patented.....
State.....
Lease No.
Public Domain.....
Lease No.
Indian.....
Lease No.

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.....		Subsequent Report of Altering Casing.....	
Notice of Intention to Redrill or Repair.....		Subsequent Report of Redrilling or Repair.....	
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)

(REVISED) March 29, 1962

* Well No. 41-27 Nelson is located 645 ft. from 0 ^{N}/_{S} line and 793 ft. from 0 ^{E}/_{W} line of Sec. 27
NE¹/₄NE¹/₄ Sec. 27 T. 20 S. R. 7 E. S. 1.
(¹/₄ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Ferron Emery Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5906.40 feet. (Same as ground elevation)

A drilling and plugging bond has been filed with State Conservation Commission

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 work, surface formation, and date anticipate spudding-in.)

1. Drill 10-5/8" surface hole with air and set 150' of 7-5/8" casing with 50 sacs.
2. Drill additional 800' of 6-3/4" hole below surface casing with air, thru the Ferron sandstone into the Tunnunk Shale:
Top Ferron 715'
Top Tunnunk 915'
3. After logging, set 4-1/2" casing to total depth with 100 sacs.
4. Perforate in the gas-bearing sandstone intervals, frac, and test.
5. Complete, if testing indicates commercial volumes of gas.

* Drilling Unit #29

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

Company ENGLISH OIL COMPANY

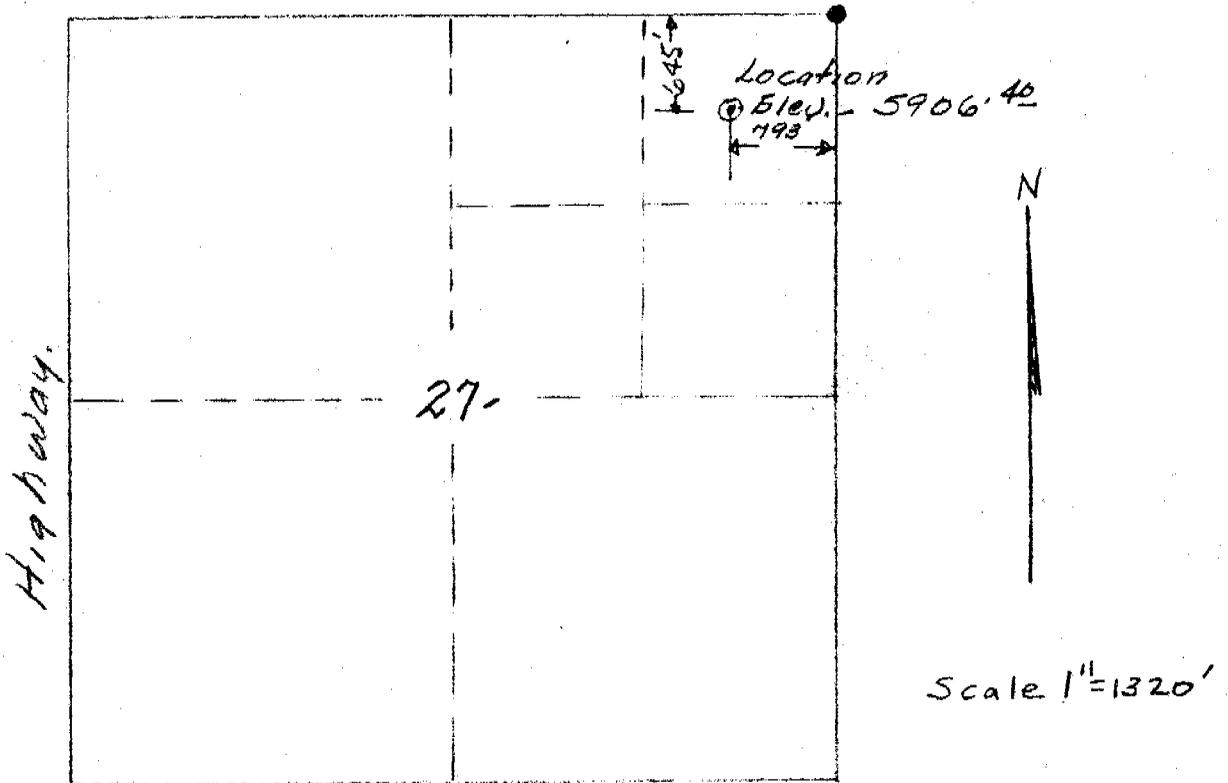
Address.....366 South Fifth East Street
Salt Lake City 2, Utah

By Robert A. Patterson
Robert A. Patterson
Title Chief Landman

INSTRUCTIONS: 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 rules, regulations and orders.

ENGLISH OIL CO.

Section 28, T20S, R20E S.L.M.



Location
Elev. - 5906' 40"
193

41-27 Nelson.

ENGINEER'S CERTIFICATE

JOHN BEHE, a licensed Civil Engineer and Land Surveyor of the State of Utah, hereby certifies that between the 24th day of March, 1962 and 29th day of March, 1962, he surveyed in the above location and prepared the plat from his field notes; and to the best of his knowledge, the plat is correctly drawn.

John Behe
JOHN BEHE
Utah License #1050
3/29/62

ENGLISH OIL CO.
Location NE 1/4 NE 1/4 Sec 27-20-20
Emery County Utah
Survey by John Behe C.E.
Utah #1050
3/28/62

April 5, 1962

English Oil Company
366 South 3th East
Salt Lake City, Utah

Attn: Robert A. Patterson, Chief Landman

Gentlemen:

This is to acknowledge receipt of your revised notice of intention to drill Well No. Nelson #41-27, which is to be located 645 feet from the north line and 793 feet from the east line of Section 27, Township 20 South, Range 7 East, SLBM, Emery County, Utah.

Please be advised that approval to drill said well is hereby granted in accordance with Drilling Unit #29 established in the Order issued for Cause No. 7, on December 13, 1957.

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

Please take note that should it be necessary to plug and abandon 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:

C. B. FREIGHT, Executive Director
Office Phone: DA 8-5771 or DA 8-5772
Home Phone: HU 5-2721

ROBERT L. SCHMIDT, Chief Petroleum Engineer
Office Phone: DA 8-5771 or DA 8-5772
Home Phone: AM 6-8616

English Oil Company
Attn: Robert A. Patterson, Chief Landman

April 5, 1962
Page Two

Address all other forms of communication to the Utah State Oil
and Gas Conservation Commission, 310 Newhouse Building, Salt Lake City,
Utah.

Please have the enclosed "Minimum Safety Requirements" notice
posted in a conspicuous place on the drilling location.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT,
EXECUTIVE DIRECTOR

CBF:kb
Enclosure

CC: H. L. Coonts - OGCC, Moab

100

R-2

PACIFIC NATURAL GAS EXPLORATION COMPANY

720 WEST EIGHTH STREET
LOS ANGELES 17, CALIFORNIA

H. L. BOSSHARD
TREASURER AND
ASSISTANT SECRETARY

April 18, 1962

Mr. Don F. Russell
U. S. Department of the Interior
Geological Survey
Branch of Oil and Gas Operations
445 Federal Building
Salt Lake City 1, Utah

Mr. Allen B. Feight
Oil and Gas Conservation Commission
310 Newhouse Building
10 Exchange Place
Salt Lake City 11, Utah

Mr. Max Gardner
Utah State Land Board
Capital Building
Salt Lake City 1, Utah

Gentlemen:

As of February 28, 1962, Pacific Natural Gas Exploration Company and English Oil Company entered into a farmout agreement covering the drilling of certain wells by Pacific on English's acreage in the Ferron Field area, Emery County, Utah.

It is the intent and agreement of the parties to this farmout that Pacific is the interested and responsible party in the drilling of said wells, and English is only acting as Pacific's agent in supervising the drilling of the wells.

Yours very truly,

H. L. Bosshard

HLB:rb

cc: Mr. R. A. Patterson

11

April 19, 1962

MEMO FOR FILING

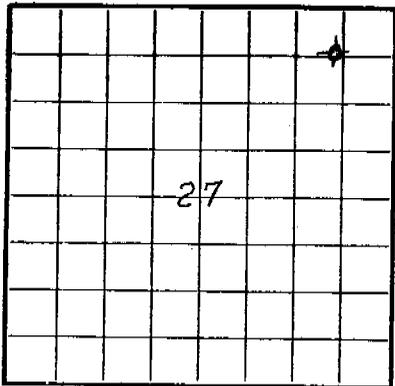
Re: English Oil Company
Well No. Nelson 41-27
Sec. 27, T. 20 S, R. 7 E.,
Emery County, Utah

Darwin Quigley phoned this morning for plugging instructions on the above well. They drilled to T. D. of 887' with 6 $\frac{1}{4}$ " hole and hit the top of the Ferron at 790'. Surface pipe was set at 159'. They will set a plug (35 sacks) from T.D. to 745', and a plug across the base of the surface pipe from 139' to 179'. Since they had drilled this well with air, Darwin was reluctant to fill the hole between plugs with mud; however, he agreed to do so and proposes to use mud made from the drill cuttings.


ROBERT L. SCHMIDT
CHIEF PETROLEUM ENGINEER

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

Salt Lake City, Utah



LOCATE WELL CORRECTLY

To be kept Confidential until August 1, 1962
 (Not to exceed 4 months after filing date)

LOG OF OIL OR GAS WELL

Operating Company English Oil Company Address 366 S. 5th E., Salt Lake City, Utah
 Lease or Tract Nelson Field Ferron State Utah
 Well No. 41-27 Sec. 27 T. 20S R. 7E Meridian S.L. County Emery
 Location 645 ft. N. of N Line and 793 ft. E. of E Line of Sec. 27 Elevation 5914
(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.

Signed M. Darwin Quigley
 Title Chief Geologist
 Date May 7, 1962

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

Commenced drilling April 15, 19 62 Finished drilling April 19, 19 62

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____ No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ 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-	
7-5/8	26#	8 rd	J-55	148'	None				Surface

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
6-3/4"	740-890TD	35 Sacs	Halliburton	-	-
6-3/4"	179-740		"	-	25 bbls heavy, thick mud
6-3/4"	139-179	10 Sacs	"	Plus Surface Marker	

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

FOLD MARK

SHOOTING RECORD

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

TOOLS USED

Rotary tools were used from surface ~~100~~ feet to T.D. 890' feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Date P & A April 19 _____, 19⁶² Put to producing _____, 19_____

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 _____ 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
			At the end of complete Driller's Log add Geologic Tops. State whether from Electric Logs or samples.
Surface	220	220'	No samples
220	724	504'	Sh; dk gy, cal, uniform
724	730	6'	Bentonite marker
730	760	30'	Sh; dk gy, cal, with interbedded bentonite
760	780	20'	Slst; gy, hd, cal.
780	790	10'	Ss; hd, gy, slty, tite, no p & p.
790	832	42'	Ss; trans, f to med, tite, no shows.
832	848	16'	Sh; dk gy to bk with coal, bk, shiny.
848	890	42'	Ss; trans, f to med, some p & p, wet and salty.
	Top Ferron -	779'	

[OVER]

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HISTORY OF OIL OR GAS WELL

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 hauling.

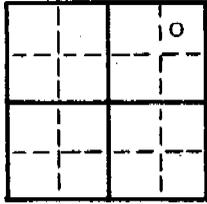
State whether electric logs were run.

4/15/62 to 4/19/62

Spudded, drilled pilot hole (6-3/4") to 218', reamed 11" hole to 160', set 148' of 7-5/8" at 151' below ground. Drilled 6-3/4" hole to total depth 890', found top sand tite and lower sand wet with salty water, and plugged hole with 45 sacs.

Copy to HC

RD



STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
SALT LAKE CITY, UTAH

- Fee and Patented.....
- State.....
- Lease No.
- Public Domain.....
- Lease No.
- Indian.....
- Lease No.

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 Altering Casing.....	
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Notice of Intention to Pull or Alter Casing.....		Supplementary Well History.....	
Notice of Intention to Abandon Well.....		Report of Abandonment.....	<input checked="" type="checkbox"/>

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

Well No. 41-27 is located 645 ft. from {N} line and 793 ft. from {E} line of Sec. 27
NE 1/4 NE 1/4 T. 20 S. R. 7 E. S. L.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Ferron Emery Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5914 feet.

A drilling and plugging bond has been filed with State Oil & Gas Conservation Commission.

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 work, surface formation, and date anticipate spudding-in.)

Plugging and Abandonment operations have been carried out in accordance with approval obtained by telephone conversation from Robert L. Schmidt on April 19, 1962.

Set bottom hole plug across Ferron Ss. from 740-890' with 35 sacs.
Filled hole from 179 to 740' with 25 bbls thick mud.
Set casing plug 139 to 179' with 10 sacs.
Erected surface marker as directed.

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

Company ENGLISH OIL COMPANY
 Address 366 South 5th East Street By M. Darwin Quigley
Salt Lake City, Utah Title Chief Geologist

INSTRUCTIONS: 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 rules, regulations and orders.