

## 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

RLS

Copy NID to Field Office

  
In Chief

Approval Letter

Disapproval Letter

## LOCATION DATA:

Date Well Completed

12-11-60

Location Inspected

hlc

OW.....

WW.....

TA.....

Bond released

GW.....

OS.....

PA.....

State of Fee Land

## LOGS FILED

Driller's Log

4-6-61

Electric Logs (No. )

2

E.....

I.....

 E-I.....

GR.....

GR-N.....

Micro.....

Lat.....

Mi-L.....

Sonic.....

Others

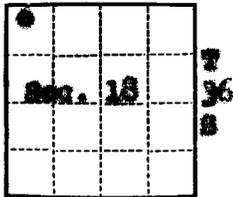
A court log

(SUBMIT IN TRIPLICATE)

Land Office Salt Lake City

Lease No. U-09760

Unit Johnson Creek



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.....		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)

..... September 19, 1960

Well No. 5 is located 555 ft. from  $\begin{Bmatrix} N \\ S \end{Bmatrix}$  line and 700 ft. from  $\begin{Bmatrix} E \\ W \end{Bmatrix}$  line of sec. 18

NW NW 18  
(¼ Sec. and Sec. No.)

36 South, 22 East  
(Twp.) (Range)

Salt Lake  
(Meridian)

Utah  
(Field)

San Juan  
(County or Subdivision)

Utah  
(State or Territory)

The elevation of the ~~disturbance~~ ground above sea level is 6497 ft. IF elevation will be submitted when rig is on location.

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)

Century Drilling Co. proposes to drill a 6130' test or to Top of Salt.

Casing Program: Cement 10-3/4" casing at about 200' with sufficient cement to fill annulus to surface. Cement 8-5/8" casing at about 2800', if needed, as intermediate string. If commercial production is indicated cement 9 1/2" casing thru lowermost productive zone.

Est. Formation Tops: Burrows 5100', Emery zone 5700', Desert Creek 5960', Paradox Salt 6130'.

TEST'S: Will run drill stem tests on zones of interest indicated by samples & logs.

LOGS: Will run logs from base of surface or intermediate casing to TD.

TOOLS: Rotary tools will be used to drill subject well.

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

Company Century Drilling Company

Address Box 168

Farmington, New Mexico

By D. M. Pucker

Title Authorized Agent

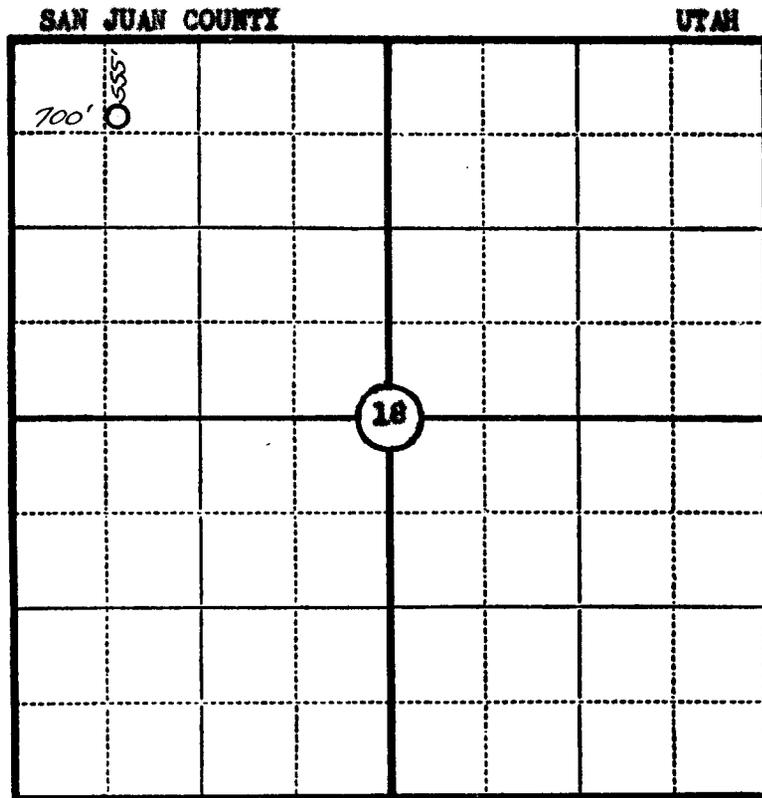
Company **CENTURY DRILLING COMPANY**

Lease ..... Well No. ....

Sec. **18**, T. **36 S.**, R. **22 E., S. L. M.**

Location **555' FROM THE NORTH LINE AND 700' FROM THE WEST LINE.**

Elevation **6497.0 UNGRADED GROUND.**



Scale—4 inches equal 1 mile.

This is to certify that the above plat was prepared 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.

Seal: *James P. Leese*  
Registered Land Surveyor.  
**James P. Leese**  
**Utah Reg. No. 1472**

Surveyed **15 September**, 19 **60**

September 23, 1960

Century Drilling Company  
Box 168  
Farmington, New Mexico

Attention: D. M. Rucker, Authorized Agent

Re: Well No. Johnson Creek Unit  
#5, 555' FWL & 700' FWL of  
Sec. 18, T. 36 S., R. 22 E.,  
San Juan County, Utah

Gentlemen:

According to Rule A-3, General Rules and Regulations and Rules of Practice and Procedure, when a unit agreement is duly approved and a copy of it on file in this office, it is not necessary for this Commission's approval to drill. However, all notices of intention and subsequent reports filed with the United States Geological Survey must also be filed with this Commission.

Therefore, inasmuch as said unit is approved it will not be necessary to receive an approval to drill the above mentioned well from us.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FREIGHT,  
EXECUTIVE SECRETARY

GBF:awg  
cc: Jerry W. Long, Dist. Eng.  
U. S. Geological Survey  
Durango, Colorado

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Budget Bureau No. 42-R355.5.  
Approval expires 12-31-60.  
LAND OFFICE Salt Lake City  
LEASE NUMBER 8-09300  
UNIT Johnson Creek

## LESSEE'S MONTHLY REPORT OF OPERATIONS

State NEBR County SAN JUAN Field WILDCAT

The following is a correct report of operations and production (including drilling and producing wells) for the month of December, 1960,

Agent's address Box 168 Company Century Drilling Co., Inc.

Farmington, New Mexico

Signed D. M. Tucker

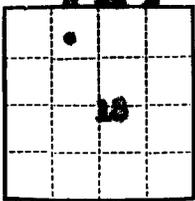
Phone 843-1808 Agent's title Office Mgr.

SEC. AND 1/4 OF 1/4	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)
<b>SW 1/4 Sec. 18</b>	<b>36S</b>	<b>22E</b>	<b>5</b>							<b>Drilled to total depth of 6352' in Paradise Salt. Run DST #1 interval 6051-6081'. Run Lane Wells, Gamma Sonic &amp; Induction Electric Logs from btm. surface casing to total depth. Abandoned as dry hole Dec. 11, 1960</b>
<b>DST #1: 6051-6081' - ISI 30 min, open 1 hour, FEI 30 min. Opened with faint blow decreasing to dead in 30 min. Recovered 100' (1.4 bbls) drilling mud. No oil or gas. IIM 3135#, ISIP 372#, IFF 30#, FFF 39#, FPIP 25#, FEI 3135#.</b>										
<b>Following plugs set at:</b>					<b>FINAL H-LOG 1960</b>					
1) 6325-6335 w/10 sec.					Shosh					
2) 5325-5425 w/25 sec.					Morrison					
3) 2275-2375 w/25 sec.					Entrada					
4) 75-125 w/25 sec.					Carnal					
5) 0-10 w/10 sec.					Mesa Jo					
Location marker set.					Kaysville					
					Wingate					
					Chinle					
					Shinarump					
					Moenkopi					
					Bethelley					
					Corgan Hook					
					Cedar Mesa					
					Malpais					
					Rice					
					Hermosa					
					Paradox					
					Desert Cr.					
					Alm					
					Salt					

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.



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office **Salt Lake City**  
Lease No. **8-09300**  
Unit **Johnson Creek**

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..... <input checked="" type="checkbox"/>
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)

January 13, 1960

Well No. **5** is located **555** ft. from **[N]** line and **700** ft. from **[W]** line of sec. **18**  
**18** (1/4 Sec. and Sec. No.)      **36 S** (Twp.)      **22 E** (Range)      **Salt Lake** (Meridian)  
**Wildcat** (Field)      **San Juan County** (County or Subdivision)      **Utah** (State or Territory)

The elevation of the derrick floor above sea level is **6307** 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)

Well drilled to total depth **6352'**, two feet into Paradox evaporites. Well found dry and following plugs set:

- 1) 6325-6352 - 10 csk
- 2) 5325-5425 - 35 csk
- 3) 2275-2375 - 35 csk
- 4) 75-125 - 28 csk
- 5) 0-10 - 10 csk.

Location marker set and location cleaned up. Abandonment date: December 11, 1960.

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

Company **Century Drilling Co., Inc.**

Address **P. O. Box 168**

**Furnington, New Mexico**

By *[Signature]*

Title **Office Mgr.**

Form 551a  
(Feb. 1961)

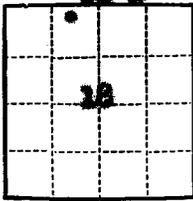
(SUBMIT IN TRIPLICATE)

Land Office Salt Lake City

Lease No. U-09330

Unit Johnson Creek

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY



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)

January 13, 1961

Well No. 5 is located 555 ft. from N line and 700 ft. from W line of sec. 18

18 NW NW (1/4 Sec. and Sec. No.)      36 S (Twp.)      20 S (Range)      Salt Lake (Meridian)  
Utah (Field)      San Juan County (County or Subdivision)      Utah (State or Territory)

The elevation of the derrick floor above sea level is 6507 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)

Verbal approval to abandon well obtained from U.S.G.S. Dec. 11, 1960. TD 6352', bottoming 2 feet in Paradox evaporites.

<b>Log Tops:</b>	Dakota	Surface	Wingate	1985'	Cedar Mesa	3720'	Almah	6255'
	Morrison	110'	Chinle	2315'	Malgaito	4572'	Salt	6350'
	Katran	1010'	Shinarump	2904'	Rice	5050'		
	Carnal	1085'	Moenkopi	2985'	Paradox	5372'		
	Nevado	1142'	DeChelly	3080'	Paradox	5953'		
	Kayenta	1805'	Organ Rock	3128'	Desert Creek	6195'		

**Flaming Program:** To place the following cement plugs: 1) 6325-6352 w/10 max; 2) 5325-5425 w/35 max; 3) 2275-2375 w/35 max; 4) 75-125 w/25 max; 5) 0-10 w/10 max. Mud between plugs having a density of 9.4/gal, Vls. 46, water loss 8 cc. Erect location marker and clean up location.

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

Company Century Drilling Co., Inc.

Address P. O. Box 168  
Farmington, New Mexico

By L. M. Rucker

Title Office Mgr.



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 6352TD feet, and from ..... feet to ..... feet

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

DATES

Date P & A ....., 19..... Put to producing None ....., 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

Troy Rogers Tool Pusher, ~~DRILLER~~ Peter Gabriel ....., Driller

Bual Harber ....., Driller Mathews ....., 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.
0	110	110	Dakota, ss, buff w/s siltstone
110	1010	900	Morrison, varicolored siltstone & shale
1010	1085	75	Entrada, ss, gray to red, some shale
1085	1142	57	Carmel, varicolored shale
1142	1805	663	Navajo, ss, white, fine grain, sli calc.
1805	1985	180	Kayenta, varicolored shale
1985	2315	330	Wingate, ss, white, qtz & mica, some silt.
2315	2904	589	Chinle, varicolored shale, nodules near base
2904	2985	81	Shinarump, siltstone and v. fine ss.
2985	3020	35	Moenkopi, varicolored siltstn w/s ss.
3020	3128	108	DeChelly, ss, buff
3128	3720	592	Organ Rock, varicolored siltstn. Shale
3720	4572	852	Cedar Mesa, shale, lt gy, bentonitic
4572	5050	478	Halgaito, interbedded ss, siltstn, shale
5050	5372	322	Rico, interbedded, ss, shale & ls
5372	5953	581	Hermosa, interbedded Ls, tan, microxln & fine grained ss and gry shale.
5953	6195	2242	Paradox fm (Top A Shale) shale and Ls, dense, no porosity or perm, some dolomite, no PNP

[OVER]

W

**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 hailing.

State whether electric logs were run.

-DST #1 - 6051-6081' - Initial flow time 10 min, initial shut in time 30 min, second flow time 1 hour, final shut in time 30 min, very faint blow, dead in 50 min. Recovered 100 feet drilling mud.

IHH 3135#	FF 59#
ISIP 372#	FSI 255#
IF 32#	FHH 3135#

**PLUGGING INFORMATION**

- (1) 6325-6352 ---10 sax
- (2) 5325-5425 ---35 sax
- (3) 2275-2375 ---35 sax
- (4) 75-125 ----28 sax
- (5) 0-110 ---10 sax

Plugged and set hole marker 8:30 p.m., December 11, 1960

Above plugs set in accordance with verbal orders received Dec. 11, 1960 from U.S.G.S.