

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

4-16-58

Location Inspected

OW..... WW..... TA.....

Bond released

GW..... OS..... EA

State of Fee Land

LOGS FILED

Driller's Log

4-25-58

Electric Logs (No)

E..... li..... E-I

GR.....

GR-N

Micro

Lat.....

MI-L.....

Sonic

Others.....

Scout Report sent out

Noted in the NID File

Location map pinned

Approval or Disapproval Letter

Date Completed, P & A, or
operations suspended

Pin changed on location map

Affidavit and Record of A & P

Water Shut-Off Test

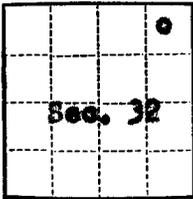
Gas-Oil Ratio Test

Well Log Filed

-
-
-
-

9-16-58

-
-
-
-



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake
State of Utah
Lease No. ML-5382
Unit Johnson Creek

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)

..... January 22, 19 58

Well No. 2 is located 800 ft. from N line and 710 ft. from E line of sec. 32

NE NE Sec. 32
(¼ Sec. and Sec. No.)

35S.
(Twp.)

22E.
(Range)

Salt Lake
(Meridian)

Wildcat
(Field)

San Juan
(County or Subdivision)

Utah
(State or Territory)

The elevation of the derrick floor above sea level is 6928 ft. (approx.); 6916 ft. ground level.

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 will spud in the Dakota formation and will test the Upper Paradox facies of the Hermosa formation.

Estimated total depth is 6150 feet.

Casing program: 16" conductor cemented at 50'.
10-3/4" surface cemented at 250'.
7" cemented for any interval considered commercially productive.

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

Company STANDARD OIL COMPANY OF CALIFORNIA

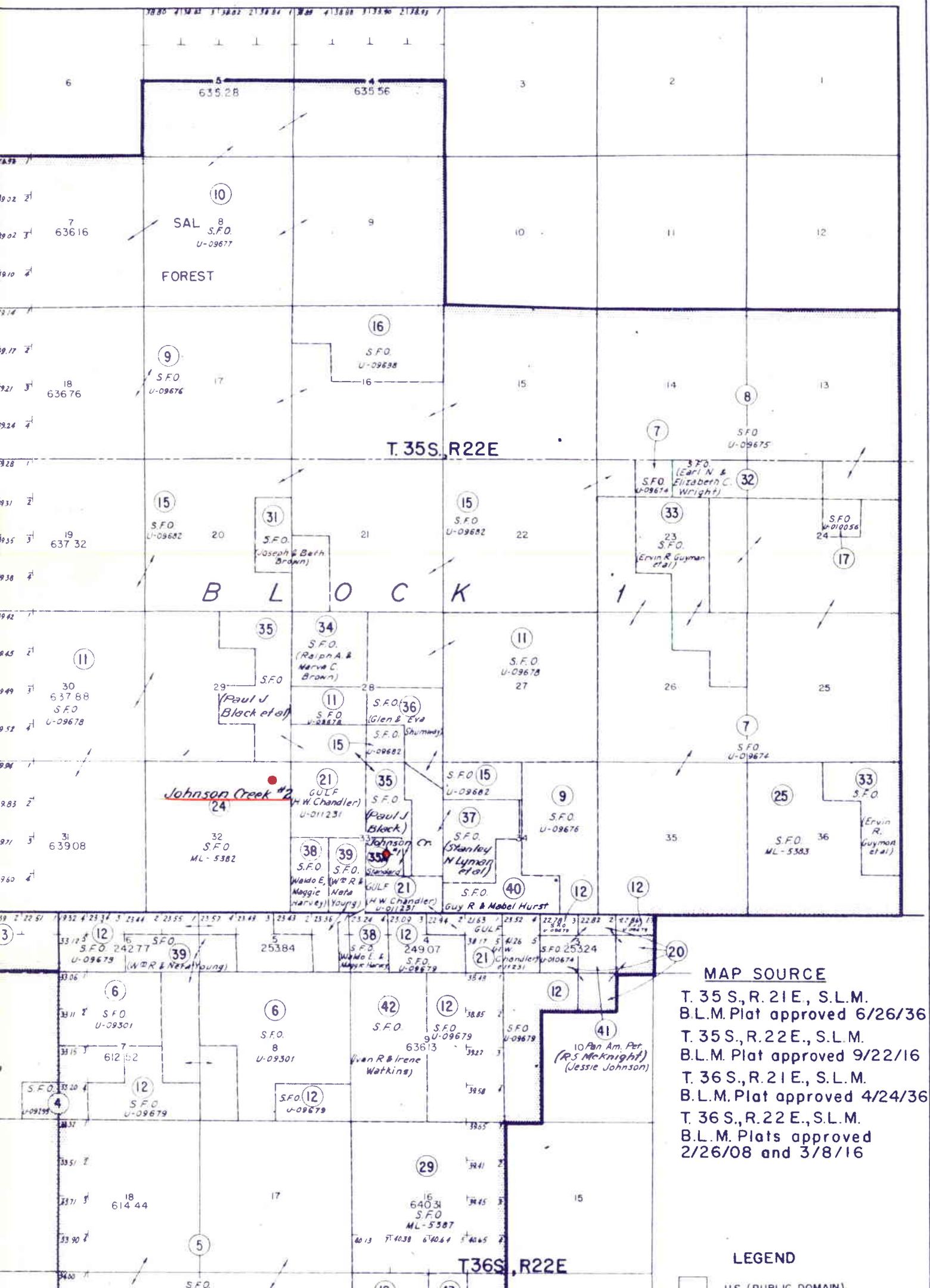
Address c/o Mr. W. P. Winham

P.O. Box 1076

Salt Lake City 10, Utah

By W.P. Winham

Title Division Superintendent

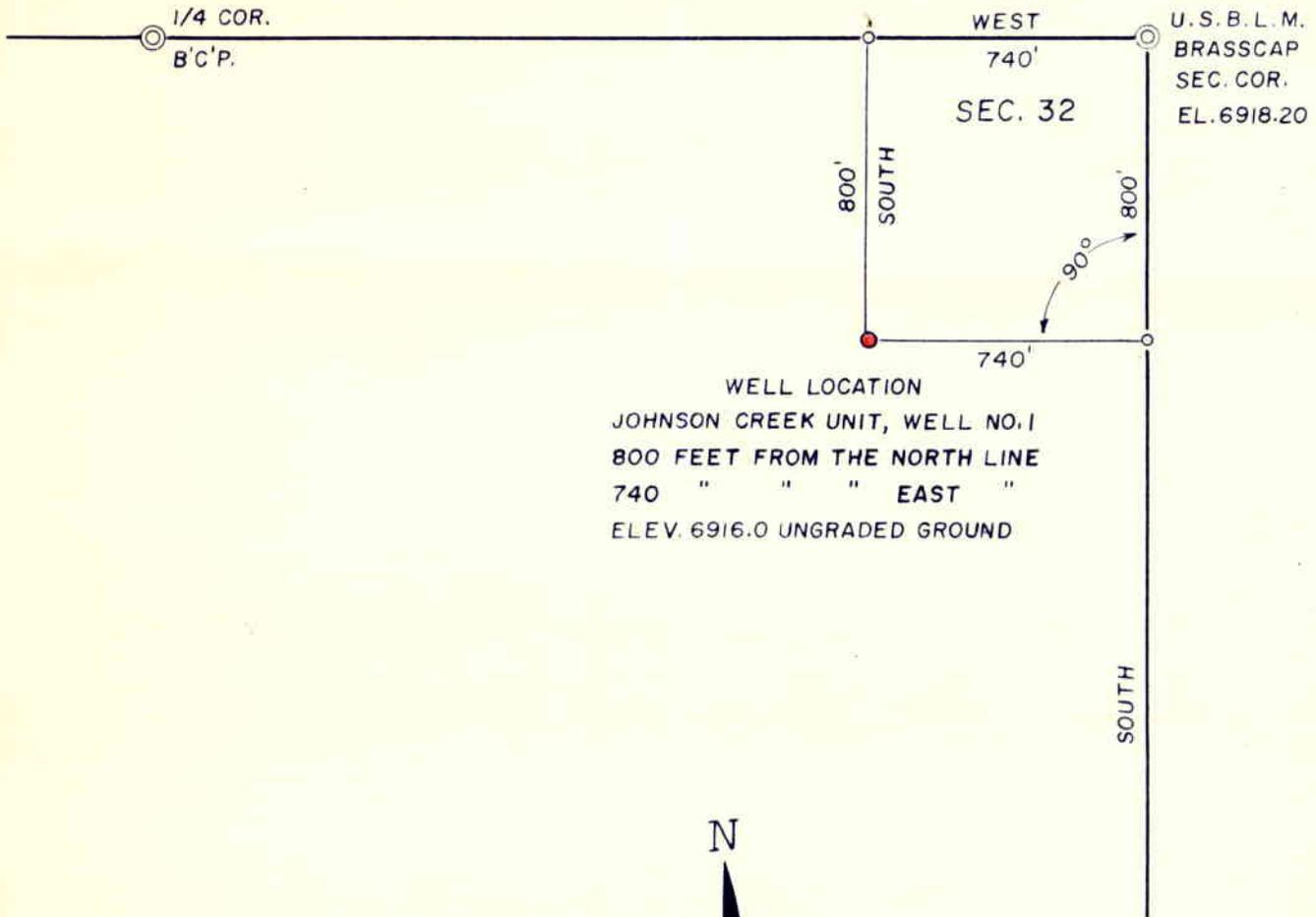


MAP SOURCE

- T. 35 S., R. 21 E., S.L.M. B.L.M. Plat approved 6/26/36
- T. 35 S., R. 22 E., S.L.M. B.L.M. Plat approved 9/22/16
- T. 36 S., R. 21 E., S.L.M. B.L.M. Plat approved 4/24/36
- T. 36 S., R. 22 E., S.L.M. B.L.M. Plats approved 2/26/08 and 3/8/16

LEGEND

U.S. (PUBLIC DOMAIN)



WELL LOCATION
 JOHNSON CREEK UNIT, WELL NO. 1
 800 FEET FROM THE NORTH LINE
 740 " " " EAST "
 ELEV. 6916.0 UNGRADED GROUND



N



STANDARD OIL CO.
 OF
 CALIFORNIA

WELL LOCATION NE 1/4 NE 1/4
 SECTION 32 T35S R22E SLBM
 SAN JUAN COUNTY UTAH

JANUARY 17, 1958 SCALE: 1" = 500'

DRAWN BY W.C.

SAN JUAN ENGINEERING CO.
 FARMINGTON, N.M.

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.

James P. Leese
 JAMES P. LEESE

REG. LAND SURVEYOR, NO. 1472, UTAH.



STANDARD OIL COMPANY OF CALIFORNIA
WESTERN OPERATING DIVISION

January 27, 1958

Mr. P. P. McGrath, Dist. Engineer
U. S. Geological Survey
Oil & Gas Leasing Branch
P. O. Box 965
Farmington, New Mexico

Re: Standard Oil of California
Johnson Creek Unit #2
Section 32, T.35S., R.22E.
San Juan County, Utah

Dear Mr. McGrath:

Enclosed in triplicate is form 9-331a covering our Notice of Intention to Drill our Johnson Creek Unit #2, Section 32, T.35S., R.22E., San Juan County, Utah.

Also enclosed is Plat showing well location and surrounding leases.

Very truly yours,

W. P. Winham

EWC/mgs

Enclosures

cc: Oil & Gas Conservation Commission
State of Utah

January 28, 1958

Standard Oil Company of California
c/o W. P. Winham
P. O. Box 1076
Salt Lake City 10, Utah

Attention: W. P. Winham, Division Superintendent

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Johnson Creek 2, which is to be located 800 feet from the north line and 740 feet from the east line of Section 32, Township 35 South, Range 22 East, SLEM, San Juan County, Utah.

Please be advised that approval to drill said well is hereby granted.

However, this approval is conditional upon a bond being filed with the State Land Board as required by the terms of Mineral Lease 5382.

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. FREIGHT
SECRETARY

CBF:dn

cc: State Land Board
Rm. 105, Capitol Building
Salt Lake City, Utah

DR-USGS, SLD

STANDARD OIL COMPANY OF CALIFORNIA

WESTERN OPERATING DIVISION

January 30, 1958

State Land Board
State of Utah
Room 105 Capitol Building
Salt Lake City, Utah

Gentlemen:

Reference is made to our notice of intention to drill the Johnson Creek Unit #2 Well which is to be located approximately 800 feet from the North line and 740 feet from the East line of Section 32 of Township 35 South, Range 22 East, S.L.M., San Juan County, Utah, and the State of Utah Oil and Gas Conservation Commission's letter dated January 28, 1958, approving said notice subject to a bond being filed with the State Land Board requiring conformance with the terms of the Mineral Lease Number 5382.

Accordingly, we enclose fully executed Corporate Surety Bond Number 370730 in the amount of Five Thousand Dollars (\$5,000.00).

We trust that this bond is satisfactory.

Very truly yours,


R. W. ARMSTRONG

RWA:mja

Enclosure

cc: Mr. Cleon B. Feight, Secretary
State of Utah Oil and Gas Conservation Commission
Capitol Building, Salt Lake City, Utah

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake
LEASE NUMBER MI-5382
UNIT Johnson Creek

LESSEE'S MONTHLY REPORT OF OPERATIONS

71-14
3-10

State Utah County San Juan Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of February, 1958

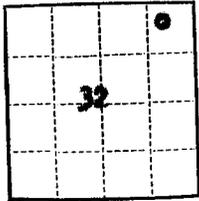
Agent's address P.O. Box 1076 Company Standard Oil Co. of California
Salt Lake City 10, Utah Signed W. P. Mendenhall (SIC)

Phone DA2-5831 Agent's title Division Superintendent

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE 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)																		
NENE Sec. 32	35S	22E	2	-	--	--	--	--	--	<p>March 3, 1958. Drilling 3825 in red-brown siltstone and sandstone of probable Cedar Mesa age - no shows.</p> <p>Spud: Feb. 13, 1958. Cemented 10-3/4" casing at 274' with 200 sacks.</p> <p>Sample tops:</p> <table border="0"> <tr><td>Dakota</td><td>Surf.</td></tr> <tr><td>Morrison</td><td>145'</td></tr> <tr><td>Navajo</td><td>1260'</td></tr> <tr><td>Wingate</td><td>1970'</td></tr> <tr><td>Chinle</td><td>2360'</td></tr> <tr><td>Shinarump</td><td>2940'</td></tr> <tr><td>Moenkopi</td><td>3060'</td></tr> <tr><td>Cutler</td><td>??</td></tr> <tr><td>Cedar Mesa</td><td>3730'?</td></tr> </table>	Dakota	Surf.	Morrison	145'	Navajo	1260'	Wingate	1970'	Chinle	2360'	Shinarump	2940'	Moenkopi	3060'	Cutler	??	Cedar Mesa	3730'?
Dakota	Surf.																											
Morrison	145'																											
Navajo	1260'																											
Wingate	1970'																											
Chinle	2360'																											
Shinarump	2940'																											
Moenkopi	3060'																											
Cutler	??																											
Cedar Mesa	3730'?																											

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
Lease No. ML-5382
Unit Johnson Creek

71-H

3-10

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	" " report of surface casing XX

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

March 3, 19 58

Well No. 2 is located 800 ft. from [N] line and 710 ft. from [E] line of sec. 32
NE NE Sec. 32 35S 22E Salt Lake
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6928 ft.

DETAILS OF WORK

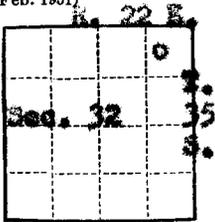
(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Spud February 13, 1958.

Cemented 279' of 40.5#, Jones and Laughlin casing at 274' with 200 sacks of type one Ideal Cement. Mixed cement with 25 bbls. of 2% calcium chloride water and displaced with 25½ bbls. mud. Used Baker Guide Shoe and one centralizer in middle of shoe at 254'.

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

Company STANDARD OIL COMPANY OF CALIFORNIA
 Address P.O. Box 1076
Salt Lake City, Utah
 By [Signature]
 Title Division Superintendent



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake
Lease No. SL 5382
Unit Johnson Creek Unit

7-15
4-28

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

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

April 15, 1958

Well No. 2 is located 800 ft. from N line and 710 ft. from E line of sec. 32

32 35 S 22 E Salt Lake
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat Johnson Creek Unit San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6928' 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 was obtained from the U.S.G.S. office in Farmington, New Mexico on April 15, 1958.
Total 6409' bottoming 31' into the Paradox evaporites. Log tops: Dakota, surface, Morrison 145', Entrada 1056', Carmel 1195', Navajo 1285', Kayenta 1805', Wingate 1986', Chinle 2338', Shinarump 2904', Moenkopi 3073', Outler 3251', Cedar Mesa 3739', Hermosa 5078', Paradox Bluff or "A" zone 6042', Desert Creek or "B" zone 6275', Paradox evaporites 6378', Paradox salt 6408'. Shows: Shows of oil were logged in the Paradox Bluff, Desert Creek and Evaporite zones, but no commercial production was indicated. PLUGGING PROGRAM: Cement plugs will be placed as follows: 6300-6409', 5000-5150', 2250-2350', 1000-1100', 75 sacks of cement across the shoe of the 10-3/4" casing at 274', and ± 15' to the top of the 10-3/4" casing. Drilling mud will be left in the hole between plugs. A location marker will be erected and the location will be cleaned up.

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

Company STANDARD OIL COMPANY OF CALIFORNIA

Address P.O. Box 1016
Salt Lake City, Utah

By W.P. Winham W.P.O.
Division Superintendent

Title

Plugs

6300	To	To 2409
5000	"	5150
2250	"	2350
1000	"	1100

75 sacks at base $10\frac{3}{4}$

Casing - surface plug 15'

Mud intervals in between

$10\frac{3}{4}$ " casing at 274' could

from top to bottom,

locater marker

Will Pta
 minute
 4-16-58

Jack -

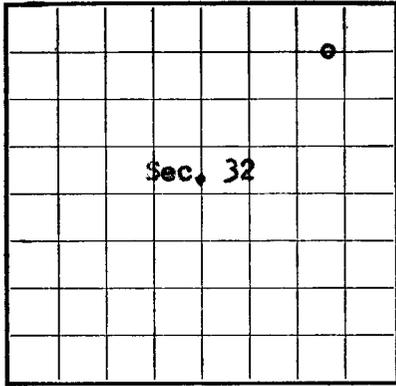
O.K. Hauptman

4/15/58

Per Davidson

Da 25831 Ex 213

Salt Lake City
 U. S. LAND OFFICE
 SERIAL NUMBER **ML-5382**
 LEASE OR PERMIT TO PROSPECT **Johnson Creek**



UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **Standard Oil Co. of California** Address **P.O. Box 1076, Salt Lake City, Utah**
 Lessor or Tract **Johnson Creek** Field **Wildcat** State **Utah**
 Well No. **2** Sec. **32** T. **35S** R. **22E** Meridian **Salt Lake** County **San Juan**
 Location **800** ft. **[S.]** of **N** Line and **740** ft. **[E.]** of **E** Line of **Section 32** Elevation **6928**
(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 *W. P. Winham* Title **Division Superintendent**

Date **April 23, 1958**

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

Commenced drilling **February 13**, 19 **58** Finished drilling **April 11**, 19 **58**
 Well abandoned **April 16, 1958**

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 **1300** to **1800** 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-	
10-3/4"	40.5#	8 rd.	J & L	274'	Eaker	---	-	-	Surface

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	274'	200	Displacement		25.5 bbls.

PLUGS AND ADAPTERS (See reverse side)

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

FOLD MARK

71-A
 4-28

Size	Shell used	Explosive used	Quantity	Remarks
None				

TOOLS USED

Rotary tools were used from 0 feet to 6109 TD 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 _____ 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

M. N. Madden _____, Driller D. E. Milner _____, Driller
 W. E. Baxter _____, Driller J. H. Lindsey _____, Driller

FORMATION RECORD (see attached record)

FROM-	TO-	TOTAL FEET	FORMATION
Surface	145'	145	Dakota
145	1056	911	Morrison
1056	1195	139	Entrada
1195	1285	90	Carmel
1285	1805	520	Navajo
1805	1986	181	Kayenta
1986	2338	352	Wingate
2338	2904	566	Chinle
2904	3073	169	Shinarump
3073	3251	178	Moenkopi
3251	3739	488	Cutler
3739	5078	1339	Cedar Mesa
5078	6042	964	Hermosa
6042	6275	233	Paradox Bluff or "A" Zone
6275	6378	103	Desert Creek or "B" Zone
6378	6408	30	Paradox Evaporites
6408	6409	1	Paradox Salt

[OVER]

16-43094-4

FORMATION RECORD - CONTINUED

DEPARTMENT OF THE INTERIOR
 UNITED STATES

RECEIVED
 DIVISION OF OIL AND GAS
 WASHINGTON, D. C.
 JUN 14 1954



**STANDARD OIL COMPANY OF CALIFORNIA,
WESTERN OPERATIONS, INC.**

211 EAST THIRD SOUTH STREET • SALT LAKE CITY • UTAH

EXPLORATION DEPARTMENT
GREAT BASIN DIVISION
W. P. WINHAM
DIVISION SUPERINTENDENT

April 24, 1958

Oil and Gas Conservation Commission
Room 105
Capitol Building
Salt Lake City 14, Utah

Re: Standard Oil Co. of California
Johnson Creek #2 well
Section 32, T.35S., R.22E.
San Juan County, Utah

Gentlemen:

Enclosed is copy of Form 9-330 "Log of Oil or Gas
Well", together with formation record, covering our Johnson
Creek #2 well.

Very truly yours,

W. P. Winham (JPH)

W. P. Winham

/mgs

Enclosures

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake
LEASE NUMBER ML-5382
UNIT Johnson Creek

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of April, 1958,

Agent's address P.O. Box 1076 Company Standard Oil Co. of California
Salt Lake City 10, Utah Signed [Signature]

Phone DA-2-5831, Ext. 293 Agent's title Division Superintendent

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)
NE NE 32	35S	22E	2	-	-	-	-	-	-	TD 6409, Abandoned 4-16-58. Log: Tops: Dakota Surface Morrison 145 Entrada 1056 Carmel 1195 Navajo 1285 Kayenta 1805 Wingate 1986 Chinle 2338 Shinarump 2904 Moenkopi 3073 Cutler 3251 Cedar Mesa 3739 Hermosa 5078 Paradox "A" zone 6042 Paradox "B" zone 6275 Paradox Evaporites 6378 Salt 6408
<p>DST #1: 6100-6140 Open 2 hours, ISI 30 minutes, FSI 1 hour 30 minutes. Fair blow 30 minutes, decreasing to weak and remaining same throughout test. Recovered 45' drill mud. IH 3361, IFP 32, FFP 25, FSIP 313, FHP 3336, ISIP 280.</p> <p>Following plugs were used in abandonment: 35 sacks from 6306 to 6406'. 52 sacks from 5000 to 5149'. 35 sacks from 2250 to 2355'. 39 sacks from 1000 to 1100'. 38 sacks from 190 to 290' felt for plug. 15 sacks to top of surface casing.</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.

APR 25 1954

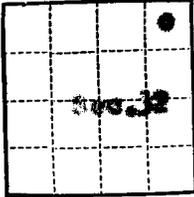
JOHNSON CREEK #2
Section 32, T.35S., R.22E.
San Juan County, Utah

<u>From</u>	<u>To</u>	<u>Total Feet</u>	
0	145	145	Sandstone, buff, fine to medium grained, hard and tight, occasionally silty.
145	350	205	Siltstone and shale, green, maroon, gray.
350	1056	706	Interbedded sandstone and shale, sandstone hard buff to light gray; shale, varied color green, maroon, gray, locally grading to siltstone.
1056	1195	139	Sandstone, pink-red to gray, poorly sorted, minor amounts of red-brown to gray-green shale.
1195	1285	90	Shale, red-brown and green-gray, silty, slightly sandy, micaceous.
1285	1805	520	Sandstone, white to slightly tan, fine grained, calcareous in places, rare chert, low porosity.
1805	1986	181	Shale, siltstone and sandstone, gray-green to brown-red, streaks of brown, fine grained sandstone.
1986	2338	352	Sandstone, white, hard, rather tight, fine grained, micaceous, locally quite silty.
2338	2904	566	Siltstone, red-brown, occasionally green, sandy, calcareous, nodules near base, some interbedded red-brown sandstone, hard and tight.
2904	3073	169	Siltstone grading to very fine sandstone, very micaceous (musco.), many quartz grains, carbonized wood, very cherty, abundant sandstone near middle.
3073	3251	178	Siltstone, red-brown, green-gray, very micaceous, with interbedded sandstone, white, fine to medium grained, occasional shale streaks.
3251	3739	488	Siltstone, orange-red to slightly brown, gray-green, sandy.
3739	3940	201	Shale with interbedded sandstone lenses, light gray, firm, slightly waxy, slightly calcareous, in places bentonitic.
3940	4370	430	Sandstone, white, fine to medium grain, some thin shale beds.
4370	4420	50	Shale, red-brown, slightly calcareous, quite fiss.

<u>From</u>	<u>To</u>	<u>Total Feet</u>	
4420	4560	140	Sandstone, white to light brown, very calcareous, few shale interbed.
4560	5078	518	Alternating shale, silts and a few thin sandstones, shales are red-brown slightly calcareous, very micaceous; silts red-brown to white, micaceous; sandstone white, fine grained, calcareous. Few thin gray limestone streaks.
5078	5325	247	Limestone, medium gray to tan and slightly brown, partly oolitic, some micro-crystalline, few bioclastics, generally hard and tight, few interbedded gray to dark gray shale and occasionally light gray sandstone.
5325	5500	175	Limestone, medium gray to tan, some dark gray-brown, lithographic to micro-crystalline, occasionally fractured, with interbedded shale, gray to dark gray, very micaceous, hard, few thin siltstone stringers.
5500	5832	332	Almost all limestone, dark gray to tan-brown, micro-crystalline, some clastic, generally hard and tight, very cherty at 5700-30', few gray-tan sandstone interbeds, some dark gray shale interbeds, very micaceous, hard.
5832	5870	38	Shale, dark gray to almost black, micaceous, hard, calcareous.
5870	5930	60	Siltstone, tan, very calcareous, with black, brittle, calcareous shale.
5930	6020	90	Limestone, tan, micro-crystalline, slightly silty, hard, tight.
6020	6043	23	Shale, medium green-gray, very calcareous, micaceous, hard.
6043	6068	25	Anhydrite, white, mottled brown-white, partly shaley.
6068	6140	72	Limestone, tan, slightly dolomitic, micro-crystalline, some bioclastic, no permeability.
6140	6190	50	Shale, black, calcareous, micaceous, hard, brittle, tight.
6190	6210	20	Dolomite, dark gray-brown, some dolomitic shale, calcareous to very calcareous, lower portion very anhydritic, chert bed at 6196-97'.
6210	6220	10	Anhydrite, tan to dark brown-gray, partly shaley.
6220	6243	23	Limestone, finely to slightly medium crystalline, very dolomitic, medium to dark gray, argillaceous, slight pyrite, slightly silty.

<u>From</u>	<u>To</u>	<u>Total Feet</u>	
6243	6273½	30½	Shale, black, slightly dolomitic, calcareous, micaceous, hard, brittle, trace fossil frag.
6273½	6284	10½	Limestone, gray, fine to medium crystalline, dolomitic, hard, and tight.
6284	6288½	4½	Limestone, gray, fine to medium crystalline, becoming very argillaceous at 6285'. Alternating limestone and shale to 6287', then becoming shale, black to dark gray, very calcareous in places, concoidal frac.
6288½	6298	9½	Anhydrite, gray, clear and glassy, slightly calcareous in places, massive, medium crystalline, hard and tight.
6298	6308	10	Limestone, dark gray to gray-black, medium crystalline, argillaceous, anhydrite inclusions, few fossils.
6308	6325	17	Alternating shale and limestone, limestone gray, fine to medium crystalline, micaceous, argillaceous; shale, gray to black, micaceous, hard, tight, brittle.
6325	6332½	7½	Anhydrite, gray to slightly tan, clear and glassy, medium crystalline, massive, very hard, few shale partings.
6332½	6335½	3	Dolomite, dark brown, quite argillaceous, fine to medium crystalline, very calcareous, hard.
6335½	6351	15½	Limestone, dark brown, gray-black, finely crystalline, very argillaceous, Dolomite, hard, massive, tight.
6351	6374	23	Shale, black to occasionally dark brown, calcareous, micaceous, hard, brittle, poker chip cleavage.
6374	6381	7	Limestone, dark gray to brownish black, dolomitic, argillaceous, finely crystalline, few fossils, hard, tight.
6381	6388	7	Alternating limestone and shale, limestone as above; shale black, calcareous, hard, brittle, interbedded anhydrite at base.
6388	6391	3	Anhydrite, light gray, medium crystalline, hard.
6391	6397	6	Limestone, medium gray-tan, finely crystalline, very dolomitic, very shaley near base.
6397	6408	11	Anhydrite, dark gray to slightly tan-brown, medium crystalline, massive, hard, tight.
6408	6409	1	Salt, gray, coarsely crystalline, massive.

Form 9-831a
(Feb. 1951)



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake
Lease No. ML-5302
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.....	<input checked="" type="checkbox"/>
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 16, 1958

Well No. 2 is located 300 ft. from [N] line and 710 ft. from [E] line of sec. 32
NE NE Sec. 32 35E 22E Salt Lake
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6928 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.D. 6109', 10-3/4" surface casing cemented at 271' foot.

- Plugged w/ 35 sacks from 6306 to 6106'.
- 52 sacks from 5000 to 5115'.
- 35 sacks from 2250 to 2355'.
- 39 sacks from 1000 to 1100'.
- 18 sacks from 190 to 290', felt for plug.
- 15 sacks to top of surface casing.

Erected location marker and cleaned up location.

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

Company Standard Oil Company of California
 Address P.O. Box 1076
Salt Lake City 10, Utah

By H. P. Winham/EAC
 Title Division Superintendent

STANDARD OIL COMPANY OF CALIFORNIA,
WESTERN OPERATIONS, INC.

December 15, 1958

CORPORATE SURETY BOND #370730
JOHNSON CREEK UNIT WELL #2
SAN JUAN COUNTY, UTAH

12 30-2

State Land Board
State of Utah
Room 105, Capitol Building
Salt Lake City, Utah

Gentlemen:

By our letter of January 30, 1958, we submitted Lessee's Bond #370730, in the amount of \$5,000.00, prior to the commencement of drilling operations for the Johnson Creek Unit Well #2, which was located in Section 32, Township 35 South, Range 22 East, S.L.M., San Juan County, Utah, on ML-5382.

This well was abandoned on April 16, 1958, at a total depth of 6,409 feet. Our Company plugged and abandoned this well and cleaned up the location to the satisfaction of the U. S. Geological Survey. Their approval of our final abandonment of this well was made on October 1, 1958.

We would now like to terminate the aforementioned bond and respectfully request approval by the Land Department therefor. If such approval is granted, kindly so indicate on the duplicate of this letter and return it to this office.

Very truly yours,

R. W. Armstrong
R. W. ARMSTRONG

RWA:vn

✓ cc: Mr. Cleon B. Feight, Secretary
Utah State Oil and Gas Conservation Commission

APPROVAL GRANTED TO TERMINATE BOND #370730.

UTAH STATE LAND BOARD

By _____, 1958

Oil & Gas Conservation Commission

Jan. 9, 1959

7-H
1-12✓

Mr. Feight:

The Land Board has released the \$5000 bond on Mineral Lease 5382, MLA 3813 Standard Oil Company et al. The USGS approved abandonment of Standard's No. 2 Johnson Creek Unit Well in Sec. 32, T. 35 S., R. 22 E. on Oct. 2, 1958.

AT 3/1

Miss Thompson has
Memo from SMC Grath that
S. R. of Alban has been
approved.

CAH
1-12-59.