APPROVED IN ACCORDANCE WITH

CAUSE #85

Rework

FILE NOTATIONS

Entered in NID File .....
Location Map Pinned .....
Card Indexed .....

Checked by Chief .....
Approval Letter .....
Disapproval Letter .....

COMPLETION DATA:

Date Well Completed 7-27-68
OW.✓... WW..... TA.....
GW..... OS..... PA.....

Location Inspected .....
Bond released
State or Fee Land .....

LOGS FILED

Driller's Log 9-6-68
Electric Logs (No.) N.L.R.
E..... I..... Dual I Lat..... GR-N..... Micro.....
BHC Sonic GR..... Lat..... Mi-L..... Sonic.....
CBLog..... CCLog..... Others.....

Approved - 4-10-70 (Rule C-11)
Converted to Salt Water Disposal

FILE NOTATIONS

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

Checked by Chief PWB
Copy N I D to Field Office ✓
Approval Letter ✓
Disapproval Letter .....

COMPLETION DATA:

Date Well Completed 12-16-63
OW..... WW..... TA.....
GW..... OS..... PA ✓

Location Inspected .....
Bond released
State of Fee Land .....

LOGS FILED

Driller's Log 1-10-64
Electric Logs (No.) 3
E..... I..... E-I ✓ GR..... GR-N..... Micro.....
Lat..... Mi-L ② ✓ Sonic GR ✓ Others.....

Form 9-331a
(Feb. 1951)

Copy H-L-G

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.

Land Office Salt Lake
Lease No. U - 01890
Unit

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	X	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 12, 1963

Shell-Government "C"
Well No. 2 is located 1980 ft. from {N/S} line and 660 ft. from {E/W} line of sec. 20

CNW SW 20 (¼ Sec. and Sec. No.) T40S (Twp.) R23 (Range) S L B & M (Meridian)

Recapture Creek Field (Field) San Juan County (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is ft. 4529' Gr. El.

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)

5600' Desert Creek Test;
Run 150' - 13 3/8" surface casing.
Run approximately 1200' - 8 5/8" intermediate casing if excessive water flow is encountered.
Oil base drilling mud will be used.
All shows of oil and gas to be tested.
Oil string will be run if commercial production is encountered.

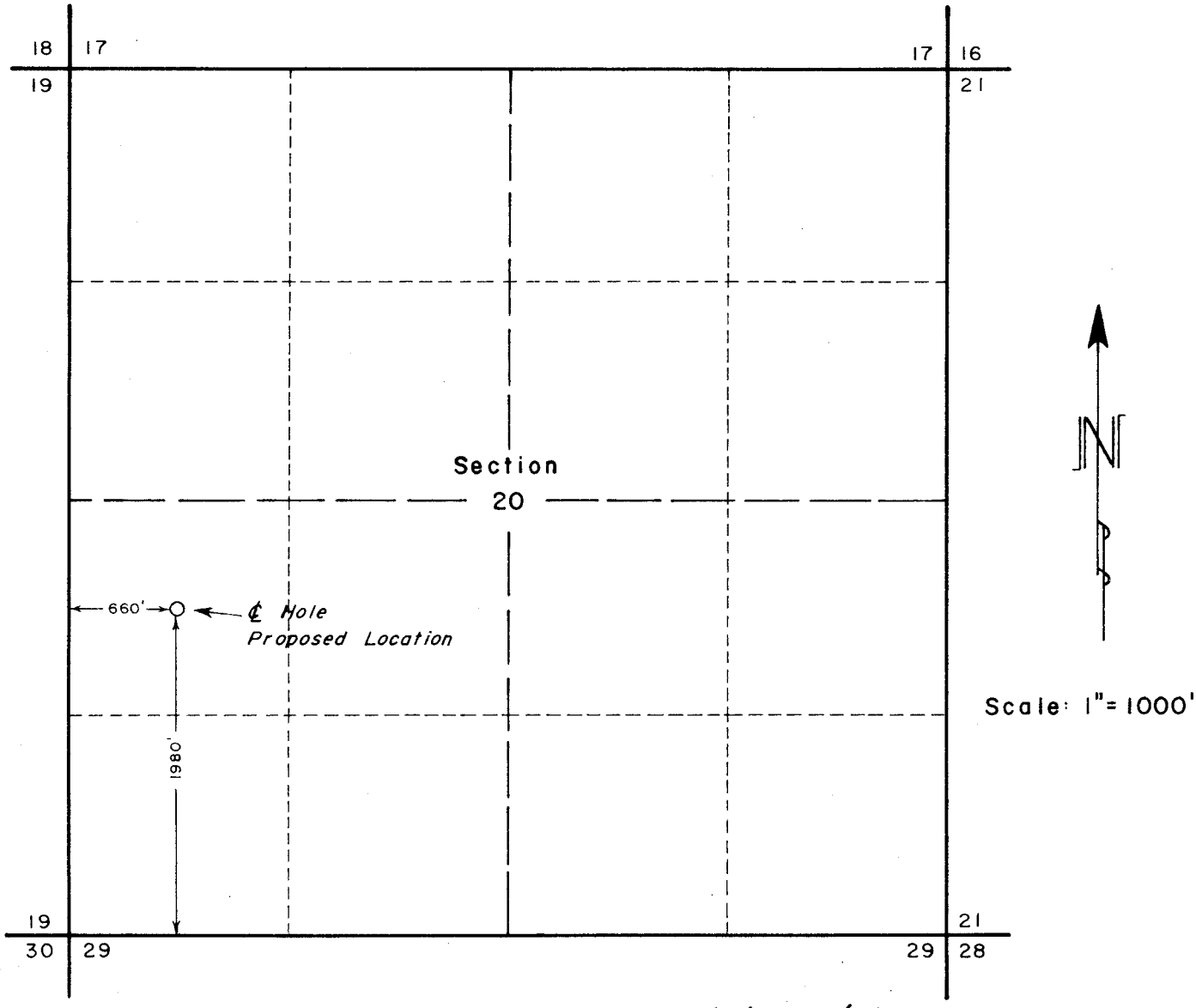
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Alco Oil and Gas Corporation

Address Post Office Box 2027, OCS
Lafayette, Louisiana

By Michael R. Lemin

Title Agent



WELL LOCATION: Ako Oil & Gas Corp. et al - Shell - Govt. "C" #2
~~Zoller & Danneberg - Federal # C-2~~

Located 1980 feet North of the South line and 660 feet East of the West line of Section 20,
Township 40 South, Range 23 East, Salt Lake Base & Meridian.
San Juan Co., Utah
Existing ground elevation determined at 4529 feet.

I hereby certify the above plat represents a survey made under my supervision and that it is accurate to the best of my knowledge and belief.

Elmer M. Clark

ELMER M. CLARK
Registered Land Surveyor
State of Utah # 2307

ZOLLER & DANNEBERG
Denver, Colorado

WELL LOCATION PLAT
NW 1/4 - SW 1/4 Sec. 20, T40 S, R23 E
San Juan Co., Utah

E.M. CLARK & ASSOC.
Durango, Colorado

DATE: Dec. 11, 1962
FILE NO: 62088

September 30, 1963

Alco Oil & Gas Corporation
P. O. Box 2027 OCS
Lafayette, Louisiana

Attention: M. R. Simon, Agent

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Shell-Government "C"-#2, which is to be located 1980 feet from the south line and 660 feet from the west line of Section 20, Township 40 South, Range 23 East, SLBM, San Juan County, Utah.

Please be advised that insofar as this office is concerned, approval to drill said well is hereby granted in accordance with the Order issued in Cause #85, on February 14, 1963. However, this approval is conditional upon a Designation of Agent being filed with this Commission in accordance with Rule A-4, General Rules and Regulations and Rules of Practice and Procedure, Utah State Oil & Gas Conservation Commission.

As soon as you have determined that it will be necessary to plug and abandon the above mentioned well, you are hereby requested to <u>immediately</u> notify the following:

PAUL W. BURCHELL, Chief Petroleum Engineer
Office: DA 8-5771 or DA 8-5772
Home: CR 7-2890
Salt Lake City, Utah

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

Enclosed please find Form OGCC-8-X, which is to be

completed if water sands (aquifers) are encountered while drilling, particularly assessable near surface water sands. Your cooperation with respect to completing this form will be greatly appreciated.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
EXECUTIVE DIRECTOR

CBF:cnp

cc: Jerry Long, District Engineer
U. S. Geological Survey
Durango, Colorado

H. L. Coonts, Petroleum Engineer
Oil & Gas Conservation Commission
Moab, Utah

Form approved.
Budget Bureau No. 42-R356.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Utah
LEASE NUMBER 018905B
UNIT

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Recapture Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of November, 19 63,

Agent's address P. O. Box 2027, OCS
Lafayette, Louisiana 70505
Phone 234-7367

Company Alco Oil & Gas Corporation
Signed Michael R. Simon
Agent's title Agent

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)
					Shell-Government "C" Lease					
NW SW Sec. 20	40S	23E	C-2	0	-0-	-0-	-0-	-0-	-0-	Spudded 11/21/63 Drilling @ 3550' 11/29/63

Shell-Government

NOTE.—There were -0- runs or sales of oil; -0- M cu. ft. of gas sold; -0- 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.

Form 9-329
(January 1950)

16—25766-9 U. S. GOVERNMENT PRINTING OFFICE

Copy NHC

Form approved.
Budget Bureau No. 42-R356.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Utah
LEASE NUMBER 01890-B
UNIT

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Recapture Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of December, 1963,

Agent's address P.O. Box 2027, OCS
Lafayette, Louisiana 70505
Phone 234-7367

Company Alco Oil & Gas Corporation
Signed Michael R. Simon
Agent's title Agent

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)
					Shell-Government "C" Lease					
NW SW Sec. 20	40S	23E	C-2	0	-0-	-0-	-0-	-0-	-0-	Plugged & Abandoned 12/15/63

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.

Form 9-329
(January 1950)

16—25766-9 U. S. GOVERNMENT PRINTING OFFICE

Form 9-331a
(Feb. 1951)

Budget Bureau No. 42-R358.4.
Form Approved.

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office
Lease No. 1890-B
Unit

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)

Jan 4, 1964

ALCO OIL & GAS CORP, SHELL GOVT.

Well No. 2-C is located 1980 ft. from {N/S} line and 660 ft. from {E/W} line of sec.

Sec. 20 (¼ Sec. and Sec. No.) T 40-S (Twp.) R23 E (Range) SLM (Meridian)

Recapture (Field) San Juan County (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 4540 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 instructions for plugging subject test were obtained Dec.,15,1963.
Instructions as follows:

Pluge: 5400-TD(5678)
4450-4550
2450-2550
1425-1500
5 Sx. in the annulus, and 10 Sx.in the top with a marker.

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

Company ALCO OIL & GAS CORP.

Address Box #2027 O.C.S.
Lafayette, Louisiana

By Brian Kirby
Brian Kirby
Title Agent.

GPO 914974

Form 9-331a
(Feb. 1951)

Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office
Lease No. 1890-B
Unit

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	X
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 4, 1964

ALCO OIL & GAS CORP., SHELL GOVT.

Well No. 2-C is located 1980 ft. from {N/S} line and 660 ft. from {E/W} line of sec.

Sec. 20 (¼ Sec. and Sec. No.) T 40 S (Twp.) R 23 E (Range) SLM (Meridian)

Recapture (Field) San Juan County (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 4540 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)

The subject test was plugged and abandoned according to USGS and State instructions, December 16, 1963:

Plugs:	5400-TD(5678)	105 SX. Shut off porosity in Ismay & Desert Creek.
	4450-4550	30 SX. Across top of Hermosa.
	2450-2550	30 SX. Shut off DeChelly.
	1425-1500	30 SX. Base of intermediate string.
		50 SX. Down annulus.
		10 SX. In the top and marker.

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

Company ALCO OIL & GAS CORP.

Address Box #2027 O.C.S.
Lafayette, Louisiana

By Brian Kirby
Brian Kirby
Title Agent.

GPO 862040

Copy H.L.C.

Budget Bureau No. 42-R358.4.
Form Approved.

Form 9-331a
(Feb. 1951)

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office .....

Lease No. 1890-B

Unit .....

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

January 4, 19 64

Well No. 2-C is located 1980 ft. from {N/S} line and 660 ft. from {E/W} line of sec.

Sec. 20 (¼ Sec. and Sec. No.) 40 South (Twp.) 23 East (Range) SLM (Meridian)

Recapture (Field) San Juan County, (County or subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 4540 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)

DST #1 (Ismay) Dec.,13, 1963. 5375-5535, Shut in 1 hour for initial and one hour and one half for final BHP. Tool open 2 hours. No gas to surface. Recovered 530' fluid (170' SGCM, 360' SW), IF 148# FF 341#, ISIP 1919# FSIP 1560#, IH 2906# FH 2895#.

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

Company ALCO OIL & GAS CORP.
Box #2027 O.C.S.
Address Lafayette, Louisiana

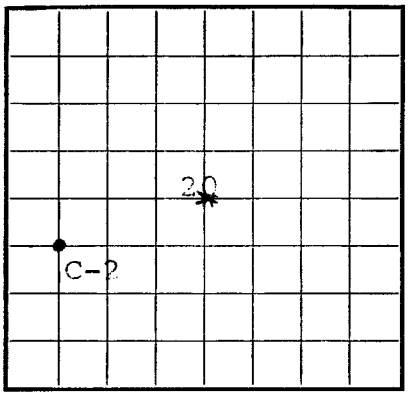
By Brian Kirby
Brian Kirby
Title Agent.

GPO 914974

Form 9-330

Form approved.
Budget Bureau No. 42-R355.4.

U. S. LAND OFFICE Salt Lake
SERIAL NUMBER U-01890B
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Alco Oil and Gas Corporation Address P. O. Box 2027, OCS Lafayette, Louisiana

Lessor or Tract Shell-Government "C" Field Recapture Creek State Utah

Well No. 2 Sec. 20 T. 40S R. 23E Meridian SLB&M County San Juan

Location 1980 ft. {N./S.} of S. Line and 660 ft. {E./W.} of W. Line of Sec. 20 Elevation 4541' (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 [illegible]

Date January 6, 1964 Title Agent

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

Commenced drilling November 21, 1963 Finished drilling December 14, 1963

OIL OR GAS SANDS OR ZONES

(Depote gas by G)

No. 1, from 5353' to 5524' 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 Navajo 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 From—	Perforated To—	Purpose
13 3/8	48#	8	[illegible]	[illegible]	Baker				Surface
8 5/8	24#	8	[illegible]	1470'	Baker				Water Shut-off

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8	102'	150 sx w/2% CC	Plug		
8 7/8	1470'	350 sx w/2% CC	Plug		

PLUGS AND ADAPTERS

Adapters—Material Size

SHOOTING RECORD

13 3/8	102'	150 sx w/2% CC	Plug			
8 7/8	1470'	350 sx w/2% CC	Plug			

FOLD | MARK

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 0 feet to 5678 feet, and from ..... feet to ..... feet

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

DATES

..... 19..... Put to producing D&A 12-16-63, 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

Arapahoe Drilling Co., Driller ....., Driller

Joe Christiansen, ~~Driller~~ Pusher ....., Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
1442'	2240'	792	Chinle
2240'	2300'	60	Shinarump
2300'	2518'	218	Moenkopi
2518'	2582'	64	DeChelly
2582'	4490'	1908	Organ Rock
4490'	5331'	841	Hermosa
5331'	5353'	22	Ismay Shale
5353'	5524'	171	Ismay Carbonate
5524'	5564'	40	Paradox Shale
5564'	5663'	99	Desert Creek
5663'	5678'	15	"C" Shale
5678'			T.D. - Schlumberger

FROM— | TO— | TOTAL FEET | FORMATION

[OVER]

FORMATION RECORD—Continued

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

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 bailing.

This test was spudded November 21, 1963. 13 3/8" casing was set at 172' w/150 sacks of cement. An intermediate string of 8 5/8" was set at 1470' w/350 sacks of cement. A 7 7/8" hole was then drilled to TD. 32 bits were used. One DST was run in the Ismay 5375-5535. Wilson Testers DST #1, 5375-5535 (Ismay) Dec. 13, 1963. Shut in 1 hour for initial and 1 1/2 hours for final BHP. Tool open 2 hours. (170' SGCM, 360' SW), IF 148# FF 341#, ISIP 1919# FSIP 1560#, IH 2906# FH 2895#. ES-Induction, Gamma-Ray Sonic, and Microlog w/Caliper were run and completed at 3 a.m., December 15, 1963. All interested parties were contacted, and the test was plugged according to USGS insturctions: Plugs: 5400-TD, 4450-4540, 2450-2550, 1425-1500, (50 sacks of cement were used in the annulus instead of 5), 10 sacks in the top and a marker.

January 15, 1964

Alco Oil & Gas Corporation
P. O. Box 2027 OCS
Lafayette, Louisiana

Re: Well No. Shell-Gov't "C"-2
Sec. 20, T. 40 S., R. 23 E.,
San Juan County, Utah

Gentlemen:

We are in receipt of your well log for the above mentioned well. However, upon checking this information, we notice that you did not report the water sands encountered while drilling.

Please complete the enclosed Forms OGCC-8-X, and return to this office as soon as possible.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLARELLA N. PECK
RECORDS CLERK

cnp

Enclosure

Form 9-331a
(Feb. 1951)

Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.

Land Office Salt Lake
Lease No. U-0145853
Unit

(SUBMIT IN TRIPLICATE)

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	
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NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	X	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)

July 19, 1968

Shell-Government "C"

Well No. 2 is located 1980 ft. from ~~N~~ S line and 660 ft. from ~~E~~ W line of sec. 20

SW 20 (¼ Sec. and Sec. No.) 40S (Twp.) 23E (Range) SLB&M (Meridian)

Recapture Creek (Field) San Juan (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is ..... ft. Gr. El. 4529'

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 was P&A- ~~11/22/63~~ 12-16-63. Csg. was set as follows, 13 3/8" @ 102' w/150 sxs. cmt., cmt. circulated to surface, 8 5/8" @ 1470' w/350 sxs. w/2% $CaCl_2$.

NEW WORK

Wash down to T.D. 5550'. Set 4½" csg. @ 5550' w/250 sxs. cmt. Perforate from 5502' - 06' and 5509' - 22' w/4 shots per ft. Acidize w/6000 gals. Swab test well.

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

Company ALCO OIL AND GAS CORPORATION

Address P. O. BOX 52027
LAFAYETTE
LOUISIANA 70501

By Michael R. Simon

Title Michael R. Simon, Prod. Dept.

GPO 862040

FORM OGCC-8-X

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

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number: Shell-Government "C" #2

Operator Alco Oil and Gas Corp. Address P.O. Box 2027, OCS Lafayette, La. Phone 504-234-7367

Contractor Arapahoe Drilling Co. Address 4509 E. Evans Denver, Colo. Phone 757-5431

Location: NW ¼ NW ¼ Sec. 20 T. 40 N S R. 23 E W San Juan County, Utah.

Water Sands:

Depth From	Depth To	Volume Flow Rate or Head	Quality Fresh or Salty
1.			
2.			
3.			
4.			
5.			

(Continued on reverse side if necessary)

Formation Tops:

Remarks:

A small fresh water flow was encountered at a depth of 840'. Hole was drilled to 1470' and 1502' (48 jts.) of 8-5/8" csg. was set with 350 sxs. of cement with 2% calcium chloride.

NOTE: (a) Upon diminishing supply of forms, please inform the Commission
(b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure. (See back of form)

Form 9-331a
(Feb. 1951)

Budget Bureau No. 42-R358.4.
Form Approved.

Land Office Salt Lake

Lease No. U-0145853-A

Unit

(SUBMIT IN TRIPLICATE)

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	
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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)

Shell-Government "C"

August 27, 1968

Well No. 2 is located 1980 ft. from {N/S} line and 660 ft. from {E/W} line of sec. 20

SW 20 (¼ Sec. and Sec. No.) 40S (Twp.) 23E (Range) SLB&M (Meridian)

Recapture Creek (Field) San Juan (County or Subdivision) Utah (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)

Well was drilled and washed down to a total depth of 5600' from 7/25 to 7/27/68. 4-1/2 csg. was set @ 5596' with 200 sxs. cmt., PBTD 5535'. Lower Ismay was perf. from 5502' to 5506' w/4 super jets per ft. Formation was treated with 15,000 gals. of acid in two stages. First stage 5000' gals. & the second stage with 10,000 gals. Well was swab tested for 5 days rec. 288 BW and 294 BO. Pumping equipment is being installed.

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

Company Alco Oil And Gas Corporation

Address P.O. Box 52027
Lafayette, Louisiana 70501

By Michael R. Simon
Michael R. Simon

Title Production Department

GPO 914974

Form 9-331a
(Feb. 1951)

Budget Bureau No. 42-R358.4.
Form Approved.

Land Office Salt Lake

Lease No. U-0145853-A

Unit

(SUBMIT IN TRIPLICATE)

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			

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

Shell-Government "C"

August 27, 1968

Well No. 2 is located 1980 ft. from {N/S} line and 660 ft. from {E/W} line of sec. 20

SW 20 (¼ Sec. and Sec. No.) 40S (Twp.) 23E (Range) SLB&M (Meridian)

Recapture Creek (Field) San Juan (County or Subdivision) Utah (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)

Well was drilled and washed down to a total depth of 5600' from 7/25 to 7/27/68. 4-1/2 csg. was set @ 5596' with 200 sxs. cmt., PBTD 5535'. Lower Ismay was perf. from 5502' to 5506' w/4 super jets per ft. Formation was treated with 15,000 gals. of acid in two stages. First stage 5000' gals. & the second stage with 10,000 gals. Well was swab tested for 5 days rec. 288 BW and 294 BO. Pumping equipment is being installed.

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

Company Alco Oil And Gas Corporation

Address P.O. Box 52027

Lafayette, Louisiana 70501

By Michael R. Simon

Michael R. Simon

Title Production Department

GPO 914974

Form 9-330

Budget Bureau No. 42-R-355.3.
Approval expires 12-31-55.

U. S. LAND OFFICE Salt Lake
SERIAL NUMBER U-0145853-A
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RE-ENTRY OF DRY HOLE

LOG OF OIL OR GAS WELL

Company Alco Oil and Gas Corporation Address P.O. Box 52027 Lafayette, Louisiana 70501

Lessor or Tract Shell-Government "C" Field Recapture Creek State Utah

Well No. 2 Sec. 20 T. 40S R. 23E Meridian SLB&M County San Juan

Location 1980 ft. {N./S.} of S Line and 660 ft. {E./W.} of W Line of Section 20 Elevation 4541' KB
(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 Michael R. Simon

Date September 3, 1968 Title Prod. Dept.

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

Commenced drilling July 25, 1968 Finished drilling July 27, 1968

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5353 to 5524 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 Navajo 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 From	Perforated To	Purpose
13-3/8	48	8	CF&I	172	Baker				Surface
8-5/8	24	8	CF&I	1470	Baker				Int.
4-1/2	10.5	8	Lenco	5596	Baker		5502	5506	Prod.
							5509	5528	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	102'	150 sx w/2% CC	Plug		
8-7/8	1470'	350 sx w/2% CC	Plug		
4-1/2	5596'	200 sx	Plug		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size

FOLD

MARK

13-3/8	102'	150 sx w/2% CC	Plug			
8-7/8	1470'	350 sx w/2% CC	Plug			
4-1/2	5596'	200 sx	Plug			

MARK

FOLD

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 0 feet to 5600 feet, and from ..... feet to ..... feet

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

DATES

August 31, 19 68 Put to producing August 31, 19 68

The production for the first 24 hours was 286 barrels of fluid of which 50 % was oil; 0 % emulsion; 50 % water; and 0 % sediment. Gravity, °Bé. 41

143 BWPD 143 BOPD

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

Rock pressure, lbs. per sq. in. 100# Tbg.

EMPLOYEES

Arapahoe Drilling Company, Driller ....., Driller

Albert King-Tool Pusher, Driller ....., Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
1442	2240	792	Chinle
2240	2300	60	Shinarump
2300	2518	218	Moenkopi
2518	2582	64	De Chelly
2582	4490	1908	Organ Rock
4490	5331	841	Hermosa
5331	5353	22	Ismay Shale
5353	5524	171	Ismay Carbonate
5524	5564	40	Parodox Shale
5564	5663	99	Desert Creek
5563	5678	15	"C" Shale
5678			Original T.D.-Schlumberger
5535			Re-entry PBTD-Schlumberger

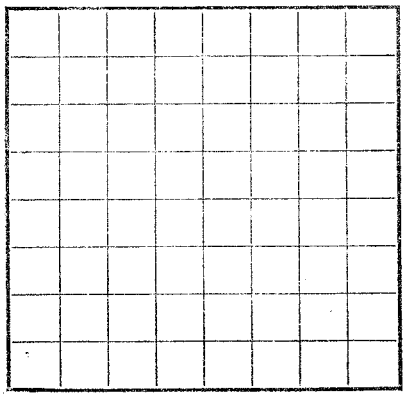
FROM— TO— TOTAL FEET FORMATION

[OVER]

FORMATION RECORD—Continued

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LEASE OR PERMIT TO PROSPECT

SERIAL NUMBER

U. S. LAND OFFICE

Approval expires 12-31-60.
Budget Bureau No. 42-R355.5.

FORM 9-330

SEP 5 1968

Company Pecos Oil and Gas Corporation Address Fairview Building, Denver, Colorado 80201
P.O. Box 2557

Lessor or Tract Field Wildcat State New Mexico

Well No. 1 Sec. 15 T. 20 S. R. 23 E. Meridian N.M.P.M. County Eddy

Location 1980 ft. {N. / S.} of S Line and 660 ft. {E. / W.} of E Line of Elevation (Derrick floor relative to sea level) 3294 KB

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.

Signature: Dept. set

Title: Length

Date: Size

Having plug—Material

Adapters—Material

PLUGS AND ADAPTERS

Size casing	Where set	Number sacks of cement	Method used	Mud fluid used	Amount of mud used
13-3/8"	172'	150 sx w/ 2% CC	Dump		
8-5/8"	1470'	350 sx w/ 2% CC	Dump		
4-1/2"	5596'	200 sx w/ 2% CC	Dump		

MUDDING AND CEMENTING RECORD

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

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 bailing.

The original test was spudded 11/21/63. 13-3/8" csg. was set at 172' w/150 sx of cmt. An intermediate string of 8-5/8" was set at 1470' w/350 sx of cmt. A 7-7/8" hole was then drilled to TD. 32 bits were used. One DST was run in the Ismay, 5375-5535. Wilson Testers DST #1, 5375-5535 (Ismay), 12/13/63. ISI-60 min., FSI-90 min., TO-120 min., good blow throughout test. NO GTS. Rec. 530' Fld. (170' SGCM, 360' SW), IF 148#, FF341#, ISIP 1919#, FSIP 1560#, IH 2906#, FH 2895#. IES, Gamma Ray-Sonic & Microlog w/caliper were run and completed at 3:45 A.M., 12/15/63. API interested parties were contacted and the test was plugged according to USGS instructions. Plugs: 5400-TD, 4450-4550, 2450-2550, 1425-1500, 50 sx of cmt. were used in the annulus, 10 sx in the top and a marker. The re-entry was spudded 7/25/68. The well was drilled and washed down to a total depth of 5600'. 4-1/2" csg. was set 7/26/68 at 5596' with 200 sx of cmt.. The PBTD is 5535'. A correlation log was run and the Lower Ismay was perforated from 5502' to 5506' w/4 super jets per foot. The well was acidized with 1500 gals. 28% acid. The well was swab tested for five days and 288 BW and 294 BO were recovered.

Form 9-331a
(Feb. 1951)

Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.

Land Office Salt Lake

Lease No. U-0145853

Unit

(SUBMIT IN TRIPLICATE)

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	X	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)

Shell-Government "C" September 10, 1968

Well No. 1 is located 2015 ft. from {N/S} line and 2048 ft. from {E/W} line of sec. 20

SE 20 (¼ Sec. and Sec. No.) 40S (Twp.) 23E (Range) SLB&M (Meridian)

Recapture Creek (Field) San Juan County (County or Subdivision) Utah (State or Territory)

The elevation of the ~~derrick floor~~ K.B. above sea level is 4524 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)

Old Work

Set 13-3/8" @ 151' w/150 sx. cmt., Set 8-5/8" @ 1420' w/200 sx. cmt. Well was drilled to a total depth of 5600', IES, Sonic and Microlog were run. Two D.S.T.'s were run. Well was P&A. 1/27/63.

New Work

Clean out to T.D. of 5600', Set 4-1/2" csg. @ T.D. w/250 sx. cmt. Perforate from 5412-24' (Sonic Log) w/4 shots per foot. Acidized w/10,000 gals., swab well.

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

Company ALCO OIL AND GAS CORPORATION

Address P.O. Box 52027

Lafayette, Louisiana 70501

By Michael R. Simon
Michael R. Simon

Title Production Department

GPO 862040

LADD

March 20, 1970

Board of Oil and Gas Conservation
Department of Natural Resources
State of Utah
State Capitol Building
Salt Lake City, Utah

Re: Application under
Rule C-11

Gentlemen:

We enclose two copies of an application under Rule C-11 covering a proposed salt water disposal well in Section 20, T. 40 S., R. 23 E., S.L.B.&M., San Juan County, Utah, which our company presently operates.

Also enclosed are two copies of a certificate of mailing of the application to all lessees of record within one-half mile of the proposed disposal well.

Please advise us at your early convenience if any written objections are filed or if an order has been entered in accordance with the application.

Yours very truly,

LADD PETROLEUM CORPORATION

Kenneth R. Whiting
Senior Vice President and General Counsel

KRW:je
Encls.
cc: Mr. Jerry W. Long

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

BOARD OF OIL AND GAS CONSERVATION

IN THE MATTER OF THE APPLICATION) OF LADD PETROLEUM CORPORATION) FOR THE UNDERGROUND DISPOSAL) OF WATER - RECAPTURE CREEK FIELD)	APPLICATION UNDER RULE C-11

Ladd Petroleum Corporation (the "Applicant") hereby makes application under Rule C-11 of the Regulations of the Board of Oil and Gas Conservation of the Department of Natural Resources for the State of Utah for an order authorizing the underground disposal of water produced from the Ismay and Desert Creek formations in the Recapture Creek Field in San Juan County, Utah into the Shell-Government "C" number 2 well located in the NW$\frac{1}{4}$SE$\frac{1}{4}$ of Section 20, T. 40 S., R. 23 E., S.L.B.&M. In connection therewith, the Applicant states as follows:

1. Attached hereto as Exhibit A is a plat showing the location of the disposal well and the locations of all oil and gas wells, including abandoned and drilling wells and dry holes.

2. The following are the names of the lessees of record within one-half mile of the proposed disposal well:

Utah-9214	Beard Oil Company 2000 Classen Boulevard Suite 200-So. Oklahoma City, Oklahoma 73106
Utah-080837	John H. Trigg P. O. Box 520 Roswell, New Mexico
Utah-0120404	Edward Mike Davis 1810 First National Bank Building Denver, Colorado 80202
Utah-01058	Petroleum, Inc. 860 Petroleum Club Building Denver, Colorado 80202
	Zoller & Danneberg 219 Patterson Building Denver, Colorado 80202

Utah-01058-B

Petroleum, Inc.
860 Petroleum Club Building
Denver, Colorado 80202

Zoller & Danneberg
219 Patterson Building
Denver, Colorado 80202

3. The names, descriptions and depths of the formations into which water is to be injected are the Ismay and Desert Creek formations which may be described as dolomitic limestone formations, the tops of which are encountered at 5271 feet and 5469 feet, respectively.

4. A log of the section of the disposal well into which water is to be injected is attached hereto as Exhibit B.

5. The disposal well has 102 feet of 13-3/8"casing cemented with 150 sacks, 8-5/8" casing set at 1470 feet and cemented with 350 sacks and 4-1/8" casing set at 5596 feet and cemented with 200 sacks. The perforated intervals for disposal in the Ismay formation are between 5502 feet and 5506 feet and between 5509 feet and 5520 feet and the anticipated open hole section for disposal in the Desert Creek formation is between 5596 feet and 5660 feet.

6. There is no proposed method for testing casing before use of the disposal well.

7. The water to be injected is produced in connection with oil production from wells located in the Recapture Creek Field in Sections 20 and 21, T. 40 S., R. 23 E., S.L.B.& M., San Juan County, Utah.

8. Between 50 and 500 barrels of water will be injected per day in the disposal well through 2-3/8" tubing with a packer set immediately above the disposal zone.

9. The names and addresses of those notified by Applicant as required by Rule C-11 are the following:

Beard Oil Company
2000 Classen Boulevard, Suite 200-SO.
Oklahoma City, Oklahoma 73106

Edward Mike Davis
1810 First National Bank Building
Denver, Colorado 80202

John H. Trigg
P. O. Box 520
Roswell, New Mexico

Petroleum, Inc.
860 Petroleum Club Building
Denver, Colorado 80202

Zoller & Danneberg
219 Patterson Building
Denver, Colorado 80202

IN WITNESS WHEREOF, this application is executed this 20th day of March, 1970.

LADD PETROLEUM CORPORATION

By _____
Vice President

AFFIDAVIT

STATE OF COLORADO)
) ss.
CITY AND COUNTY OF DENVER)

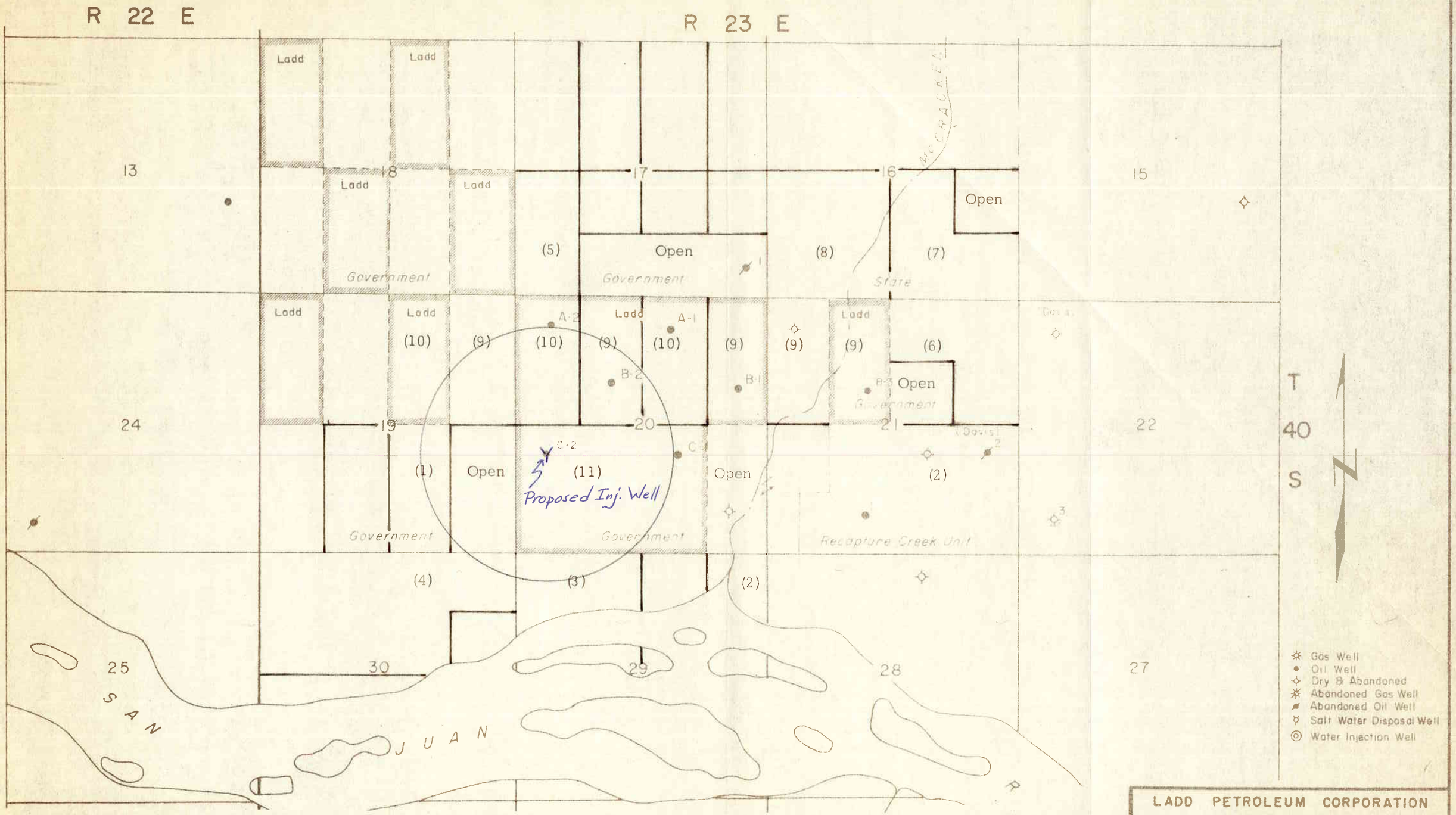
Kenneth R. Whiting, being first duly sworn on oath, deposes and says that he is a vice president of LADD PETROLEUM CORPORATION a Delaware corporation, and that he has read the foregoing Application and states that said Application is true to the best of his knowledge, information and belief.

Subscribed and sworn to before me this 20th day of March, 1970.

_____
Notary Public

My commission expires:

My Commission expires July 22, 1973



LADD PETROLEUM CORPORATION
DENVER, COLORADO

RECAPTURE CREEK FIELD
SAN JUAN COUNTY, UTAH

EXHIBIT A

Page 1

0 2000 4000
SCALE IN FEET

DATE

Lessees of Record

(1)	Utah-9214	Beard Oil Company 2000 Classen Boulevard Suite 200-So. Oklahoma City, Oklahoma 73106
(2)	Utah-01890	King Resources Company 3100 Security Life Building Denver, Colorado 80202 E. A. Polumbus, Jr. 220 C. A. Johnson Building Denver, Colorado 80202 Consolidated Oil & Gas, Inc. Lincoln Tower Building 1860 Lincoln Denver, Colorado Petro-Lewis Corporation 1224 Denver Club Building Denver, Colorado 80202
(3)	Utah-080837	John H. Trigg P. O. Box 520 Roswell, New Mexico
(4)	Utah-0120404	Edward Mike Davis 1810 First National Bank Building Denver, Colorado 80202
(5)	Utah-0144388	Belco Petroleum Corporation 630 3rd Avenue New York, New York 10017
(6)	Utah-0145853	Walter L. Morrison P. O. Box 2412 Salt Lake City, Utah 84110
(7)	ML-21540	Walter L. Morrison P. O. Box 2412 Salt Lake City, Utah 84110
(8)	ML-22923	Ray Chorney P. O. Box 144 Casper, Wyoming
(9)	Utah-10158	Ladd Petroleum Corporation 830 Denver Club Building Denver, Colorado 80202 Petroleum, Inc. 860 Petroleum Club Building Denver, Colorado 80202 Zoller & Danneberg 219 Patterson Building Denver, Colorado 80202

(10) Utah-10158-B

Ladd Petroleum Corporation
830 Denver Club Building
Denver, Colorado 80202

Petroleum, Inc.
860 Petroleum Club Building
Denver, Colorado 80202

Zoller & Danneberg
219 Patterson Building
Denver, Colorado 80202

(11) Utah-0145853-A

Ladd Petroleum Corporation
830 Denver Club Building
Denver, Colorado 80202

Petroleum, Inc.
860 Petroleum Club Building
Denver, Colorado 80202

Zoller & Danneberg
219 Patterson Building
Denver, Colorado 80202

SCHLUMBERGER

INDUCTION ELECTRICAL LOG

Schlumberger Well Surveying Corporation
Houston Texas

COUNTY SAN JUAN STATE UTAH
FIELD or LOCATION RECAPTURE CREEK
WELL SHELL-GOVERNMENT C-2
COMPANY ALCO OIL & GAS

COMPANY ALCO OIL & GAS CORPORATION

WELL SHELL - GOVERNMENT C-2

FIELD RECAPTURE CREEK

COUNTY SAN JUAN STATE UTAH

LOCATION NW SW
Sec. 20 Twp. 40S Rge. 23E

Other Services:
SGR, ML

Permanent Datum: GL, Elev. 4523
Log Measured From KB, 12 Ft. Above Perm. Datum
Drilling Measured From KB

Elev.: K.B. 4541
D.F.
G.L. 4523

Date	12-14-63			JEK
Run No.	ONE			
Depth—Driller	5675			
Depth—Logger	5678			
Btm. Log Interval	5677			
Top Log Interval	1475			
Casing—Driller	8 5/8 @ 1470	@	@	@
Casing—Logger	1475			
Bit Size	7 7/8"			
Type Fluid in Hole	SEL-CHEM			
Dens. / Visc.	9.2 / 60			
pH / Fluid Loss	11 / 3.0 ml	ml	ml	ml
Source of Sample	FLOW LINE			
Rm @ Meas. Temp.	0.72 @ 65°F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	0.49 @ 67°F	.24 @ 120°F	@ °F	@ °F
Rmc @ Meas. Temp.	- @ - °F	1.0 @ 120°F	@ °F	@ °F
Source: Rmf / Rmc	M / C			
Rm @ BHT	0.39 @ 120°F	@ °F	@ °F	@ °F
Time Circ.	3 HOURS			
Max. Rec. Temp.	120°F	°F	°F	°F
Equipment No.	[illegible]			
Recorded By	[illegible]			
Witnessed By	[illegible]			

ALCO OIL AND GAS CORPORATION

Marked Copy

FOLD HERE

REMARKS

Changes in Mud Type or Additional Samples

Date	Sample No.	Depth—Driller	Type Fluid in Hole	Dens.	Visc.	pH	Fluid Loss	ml	Source of Sample	Rm @ Meas. Temp.	Rmf @ Meas. Temp.	Rmc @ Meas. Temp.	Source: Rmf / Rmc	Rm @ BHT	Rmf @ BHT	Rmc @ BHT
										@ °F	@ °F	@ °F		@ °F	@ °F	@ °F

Scale Changes

Type Log	Depth	Scale Up Hole	Scale Down Hole

Equipment Data

Run No.	Tool Type	Tool Position	Other

E.D.: USED S.O.: 1[illegible]
Equip. Used: CART. No. 523-D
PANEL No. 25-E
SONDE No. 2-RK
SGR = 4

CONDUCTIVITY
millimhos/m = $\frac{1000}{\text{ohms. m}^2/\text{m}}$

6 FF40
INDUCTION
200 600
400

RESISTIVITY
ohms. m²/m

A-16"-W
SHORT NORMAL
0 100

DEPTHS

SPONTANEOUS-POTENTIAL
millivolts

+ 20 −

EXHIBIT B

EXHIBIT B

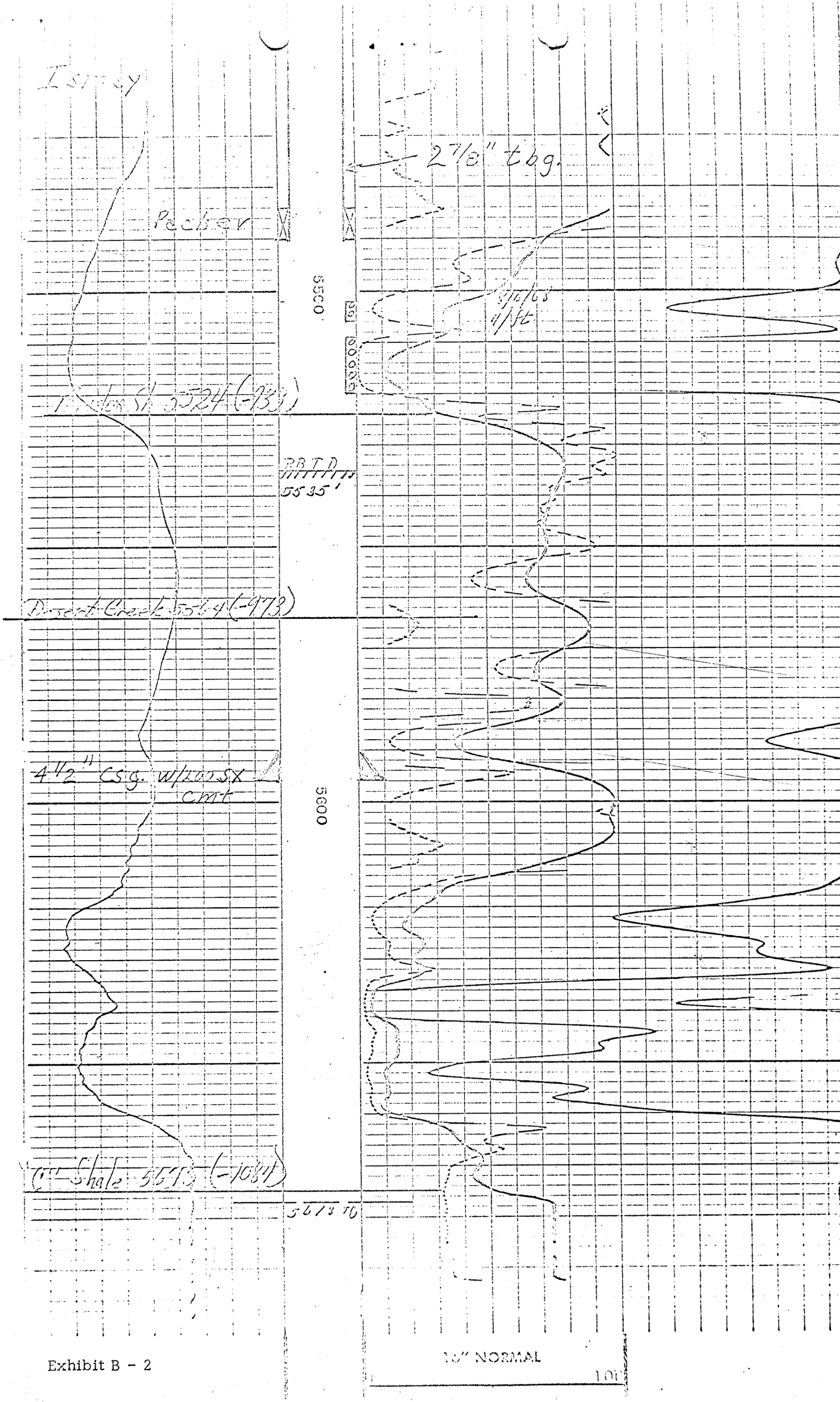

Isney
Packer
2 7/8" tbg.
5500
3/16/68
4/ft
Fusselman 5524 (-933)
RBTD
5535'
Desert Creek 5584 (-973)
4 1/2" csg. w/200 SX
cmt
5600
Cut Shale 5675 (-1084)
5613 TD
10" NORMAL
101

Exhibit B - 2

April 10, 1970

Ladd Petroleum Corporation
830 Denver Club Building
Denver, Colorado 80202

Re: Application to Convert
to Salt Water Disposal -
Shell Gov't. "C",
San Juan County, Utah

Gentlemen:

No objections having been received within the fifteen day period, administrative approval is hereby granted to convert the above referred to well to a salt water disposal.

This approval is in accordance with Rule C-11, General Rules and Regulations and Rules of Practice and Procedure.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sd

April 10, 1970

Ladd Petroleum Corporation
830 Denver Club Building
Denver, Colorado 80202

Re: Application to Convert
to Salt Water Disposal -
Shell Gov't. "C",
San Juan County, Utah

Gentlemen:

No objections having been received within the fifteen day period, administrative approval is hereby granted to convert the above referred to well to a salt water disposal.

This approval is in accordance with Rule C-11, General Rules and Regulations and Rules of Practice and Procedure.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sd

LADD

March 20, 1970

Board of Oil and Gas Conservation
Department of Natural Resources
State of Utah
State Capitol Building
Salt Lake City, Utah

Re: Application under
Rule C-11

Gentlemen:

We enclose two copies of an application under Rule C-11 covering a proposed salt water disposal well in Section 20, T. 40 S., R. 23 E., S.L.B.&M., San Juan County, Utah, which our company presently operates.

Also enclosed are two copies of a certificate of mailing of the application to all lessees of record within one-half mile of the proposed disposal well.

Please advise us at your early convenience if any written objections are filed or if an order has been entered in accordance with the application.

Yours very truly,

LADD PETROLEUM CORPORATION

Kenneth R. Whiting
Senior Vice President and General Counsel

KRW:je
Encls.
cc: Mr. Jerry W. Long

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

BOARD OF OIL AND GAS CONSERVATION

IN THE MATTER OF THE APPLICATION) OF LADD PETROLEUM CORPORATION) FOR THE UNDERGROUND DISPOSAL) OF WATER - RECAPTURE CREEK FIELD)	APPLICATION UNDER RULE C-11

Ladd Petroleum Corporation (the "Applicant") hereby makes application under Rule C-11 of the Regulations of the Board of Oil and Gas Conservation of the Department of Natural Resources for the State of Utah for an order authorizing the underground disposal of water produced from the Ismay and Desert Creek formations in the Recapture Creek Field in San Juan County, Utah into the Shell-Government "C" number 2 well located in the NW$\frac{1}{4}$SE$\frac{1}{4}$ of Section 20, T. 40 S., R. 23 E., S.L.B.&M. In connection therewith, the Applicant states as follows:

1. Attached hereto as Exhibit A is a plat showing the location of the disposal well and the locations of all oil and gas wells, including abandoned and drilling wells and dry holes.

2. The following are the names of the lessees of record within one-half mile of the proposed disposal well:

Utah-9214	Beard Oil Company 2000 Classen Boulevard Suite 200-So. Oklahoma City, Oklahoma 73106
Utah-080837	John H. Trigg P. O. Box 520 Roswell, New Mexico
Utah-0120404	Edward Mike Davis 1810 First National Bank Building Denver, Colorado 80202
Utah-01058	Petroleum, Inc. 860 Petroleum Club Building Denver, Colorado 80202
	Zoller & Danneberg 219 Patterson Building Denver, Colorado 80202

Utah-01058-B

Petroleum, Inc.
860 Petroleum Club Building
Denver, Colorado 80202

Zoller & Danneberg
219 Patterson Building
Denver, Colorado 80202

3. The names, descriptions and depths of the formations into which water is to be injected are the Ismay and Desert Creek formations which may be described as dolomitic limestone formations, the tops of which are encountered at 5271 feet and 5469 feet, respectively.

4. A log of the section of the disposal well into which water is to be injected is attached hereto as Exhibit B.

5. The disposal well has 102 feet of 13-3/8" casing cemented with 150 sacks, 8-5/8" casing set at 1470 feet and cemented with 350 sacks and 4-1/8" casing set at 5596 feet and cemented with 200 sacks. The perforated intervals for disposal in the Ismay formation are between 5502 feet and 5506 feet and between 5509 feet and 5520 feet and the anticipated open hole section for disposal in the Desert Creek formation is between 5596 feet and 5660 feet.

6. There is no proposed method for testing casing before use of the disposal well.

7. The water to be injected is produced in connection with oil production from wells located in the Recapture Creek Field in Sections 20 and 21, T. 40 S., R. 23 E., S.L.B.& M., San Juan County, Utah.

8. Between 50 and 500 barrels of water will be injected per day in the disposal well through 2-3/8" tubing with a packer set immediately above the disposal zone.

9. The names and addresses of those notified by Applicant as required by Rule C-11 are the following:

Beard Oil Company
2000 Classen Boulevard, Suite 200-SO.
Oklahoma City, Oklahoma 73106

Edward Mike Davis
1810 First National Bank Building
Denver, Colorado 80202

John H. Trigg
P. O. Box 520
Roswell, New Mexico

Petroleum, Inc.
860 Petroleum Club Building
Denver, Colorado 80202

Zoller & Danneberg
219 Patterson Building
Denver, Colorado 80202

IN WITNESS WHEREOF, this application is executed this 20th day of March, 1970.

LADD PETROLEUM CORPORATION

By _____
Vice President

AFFIDAVIT

STATE OF COLORADO)
) ss.
CITY AND COUNTY OF DENVER)

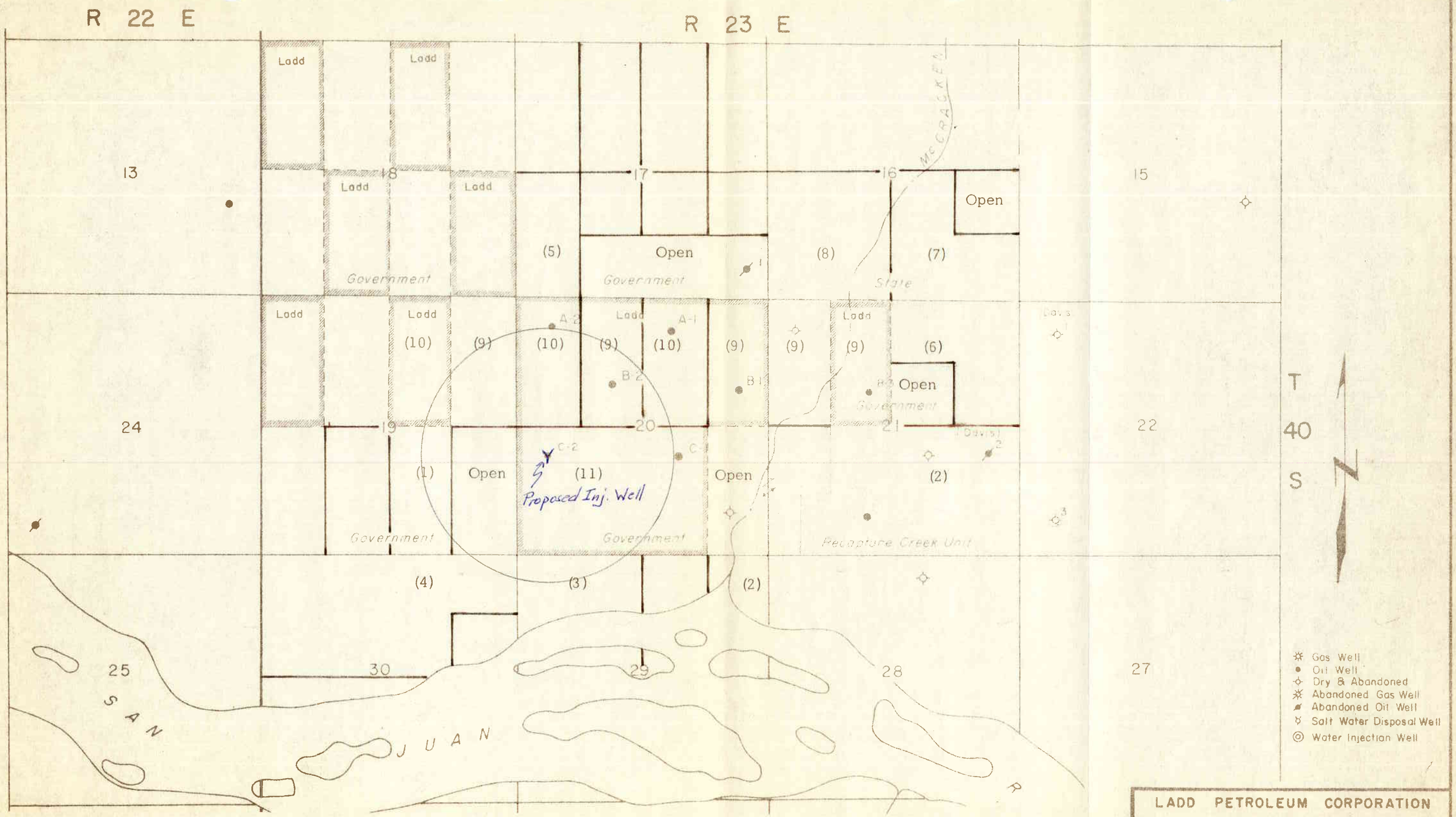
Kenneth R. Whiting, being first duly sworn on oath, deposes and says that he is a vice president of LADD PETROLEUM CORPORATION a Delaware corporation, and that he has read the foregoing Application and states that said Application is true to the best of his knowledge, information and belief.

Subscribed and sworn to before me this 20th day of March, 1970.

_____
Notary Public

My commission expires:

My Commission expires July 22, 1973



LADD PETROLEUM CORPORATION
DENVER, COLORADO

RECAPTURE CREEK FIELD
SAN JUAN COUNTY, UTAH

EXHIBIT A

Page 1

0 2000 4000
SCALE IN FEET

DATE

Lessees of Record

(1)	Utah-9214	Beard Oil Company 2000 Classen Boulevard Suite 200-So. Oklahoma City, Oklahoma 73106
(2)	Utah-01890	King Resources Company 3100 Security Life Building Denver, Colorado 80202 E. A. Polumbus, Jr. 220 C. A.Johnson Building Denver, Colorado 80202 Consolidated Oil & Gas, Inc. Lincoln Tower Building 1860 Lincoln Denver, Colorado Petro-Lewis Corporation 1224 Denver Club Building Denver, Colorado 80202
(3)	Utah-080837	John H. Trigg P. O. Box 520 Roswell, New Mexico
(4)	Utah-0120404	Edward Mike Davis 1810 First National Bank Building Denver, Colorado 80202
(5)	Utah-0144388	Belco Petroleum Corporation 630 3rd Avenue New York, New York 10017
(6)	Utah-0145853	Walter L. Morrison P. O. Box 2412 Salt Lake City, Utah 84110
(7)	ML-21540	Walter L. Morrison P. O. Box 2412 Salt Lake City, Utah 84110
(8)	ML-22923	Ray Chorney P. O. Box 144 Casper, Wyoming
(9)	Utah-10158	Ladd Petroleum Corporation 830 Denver Club Building Denver, Colorado 80202 Petroleum, Inc. 860 Petroleum Club Building Denver, Colorado 80202 Zoller & Danneberg 219 Patterson Building Denver, Colorado 80202

(10)	Utah-10158-B	Ladd Petroleum Corporation 830 Denver Club Building Denver, Colorado 80202 Petroleum, Inc. 860 Petroleum Club Building Denver, Colorado 80202 Zoller & Danneberg 219 Patterson Building Denver, Colorado 80202
(11)	Utah-0145853-A	Ladd Petroleum Corporation 830 Denver Club Building Denver, Colorado 80202 Petroleum, Inc. 860 Petroleum Club Building Denver, Colorado 80202 Zoller & Danneberg 219 Patterson Building Denver, Colorado 80202

SCHLUMBERGER

INDUCTION ELECTRICAL LOG

SCHLUMBERGER WELL SURVEYING CORPORATION
HOUSTON, TEXAS

COMPANY ALCO OIL & GAS CORPORATION

WELL SHELL - GOVERNMENT C-2

FIELD RECAPTURE CREEK

COUNTY SAN JUAN STATE UTAH

LOCATION NW SW

Sec. 20 Twp. 40S Rge. 23E

Other Services: SGR, ML

Permanent Datum: GL, Elev. 4523
Log Measured From KB, 12 Ft. Above Perm. Datum
Drilling Measured From KB

Elev.: K.B. 4541
D.F.
G.L. 4523

COUNTY SAN JUAN, UTAH
FIELD or LOCATION RECAPTURE CREEK
WELL SHELL-GOVERNMENT C-2
COMPANY ALCO OIL & GAS

Date	12-14-63			JCK
Run No.	ONE			
Depth—Driller	5675	ALCO		
Depth—Logger	5678	OIL AND GAS		
Btm. Log Interval	5677			
Top Log Interval	1475	CORPORATION		
Csg.—Driller	8 5/8 @ 1470	@	@	@
Csg.—Logger	1475			
Bit Size	7 7/8"			
Type Fluid in Hole	GEL-CHEM	Marked Copy		
Dens. / Visc.	9.[illegible] / 60			
pH / Fluid Loss	11 / 3.0 ml	ml	ml	ml
Source of Sample	FLOW LINE			
R_m @ Meas. Temp.	0.72 @ 65°F	@ °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	0.40 @ 67°F	.24 @ 120°F	@ °F	@ °F
R_{mc} @ Meas. Temp.	- @ - °F	1.0 @ 120°F	@ °F	@ °F
Source: R_{mf} / R_{mc}	M / C			
R_m @ BHT	0.39 @ 120°F	@ °F	@ °F	@ °F
Time Since Circ.	3 HOURS			
Max. Rec. Temp.	120°F	°F	°F	°F
Equip. / Location	3501 / [illegible]			
Recorded By	KIMBALL			
Witnessed By	[illegible]			

FOLD HERE

REMARKS

Scale Changes	Type Log	Depth	Scale Up Hole	Scale Down Hole

Changes in Mud Type or Additional Samples

Date / Sample No.			
Depth—Driller			
Type Fluid in Hole			
Dens. / Visc.			
pH / Fluid Loss		ml	
Source of Sample			
R_m @ Meas. Temp.	@ °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	@ °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	@ °F	@ °F	@ °F
Source: R_{mf} / R_{mc}	—	—	—
R_m @ BHT	@ °F	@ °F	@ °F
R_{mf} @ BHT	@ °F	@ °F	@ °F
R_{mc} @ BHT	@ °F	@ °F	@ °F

Equipment Data

Run No.	Tool Type	Tool Position	Other

C.D.: SED S.O.: 1[illegible]
Equip. Used: CART. No. 529-D
PANEL No. 35-E
SONDE No. 2-RK
SGR # 4

CONDUCTIVITY
millimhos/m = $\frac{1000}{\text{ohms. m}^2/\text{m}}$

6FF40 INDUCTION

400 200 600

RESISTIVITY
-ohms. m²/m-

A-16"-M
SHORT NORMAL

0 100

DEPTHS

SPONTANEOUS-POTENTIAL
millivolts

EXHIBIT B

EXHIBIT B

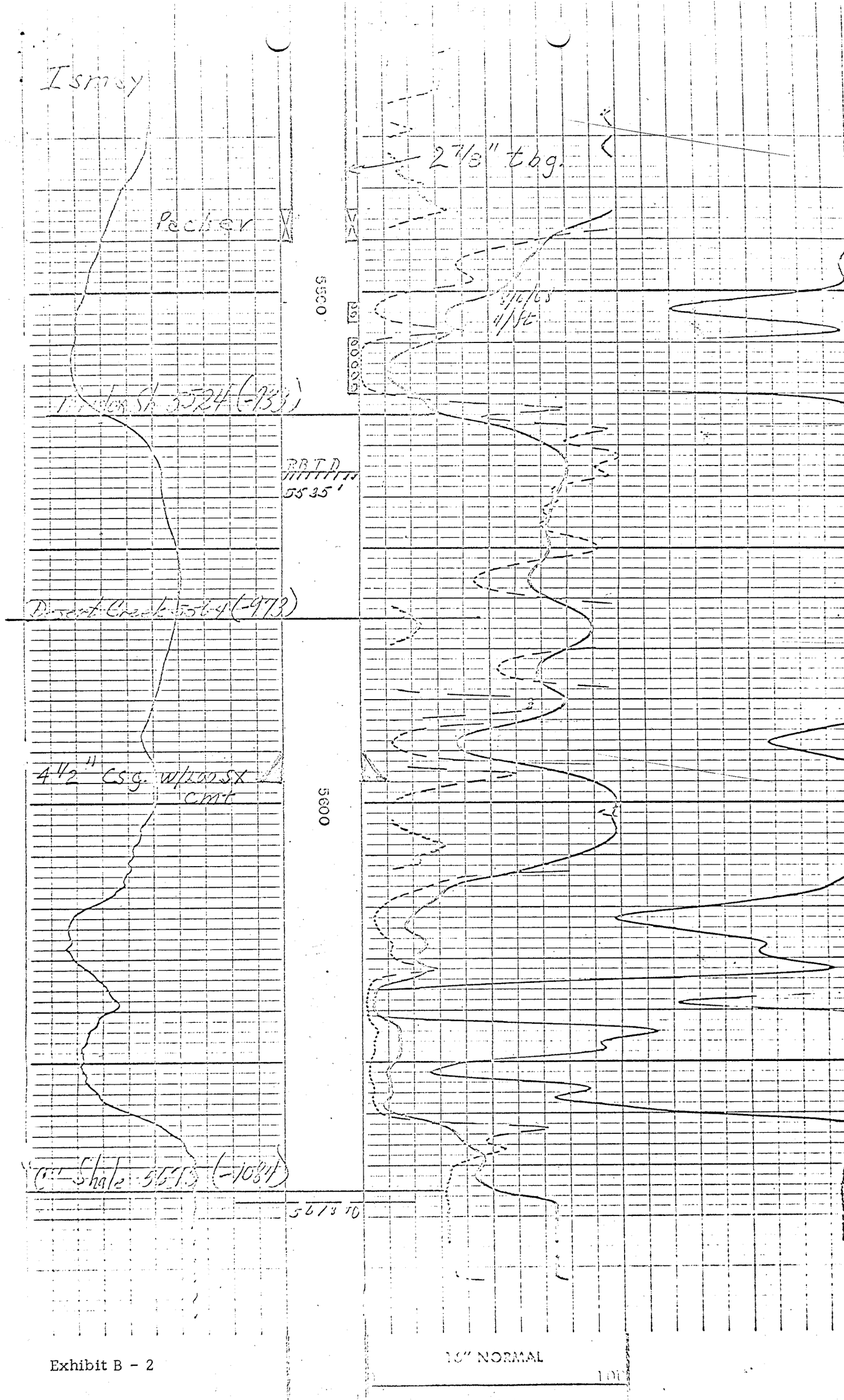

Ismay
2 7/8" tbg.
Packer
5500
5/16/65
4/Ft
Hermosa 5524 (-973)
RBTD
5535'
Desert Creek 5584 (-1032)
4 1/2" Csg. w/100 SX
cmt
5600
Chale 5668 (-1084)
5673 TD
10" NORMAL

Exhibit B - 2

CERTIFICATE OF MAILING OF NOTICE

The undersigned, a vice president of Ladd Petroleum Corporation, does hereby certify that a copy of the attached Application was mailed by it to each of the following lessees of record by registered mail, postage prepaid and addressed to each such lessee at the address shown opposite his name on the 20th day of March, 1970.

Beard Oil Company	2000 Classen Boulevard Suite 200-So. Oklahoma City, Oklahoma 73106
John H. Trigg	P. O. Box 520 Roswell, New Mexico
Edward Mike Davis	1810 First National Bank Building Denver, Colorado 80202
Petroleum, Inc.	860 Petroleum Club Building Denver, Colorado 80202
Zoller & Danneberg	219 Patterson Building Denver, Colorado 80202

EXECUTED this 20th day of March, 1970.

Vice President
Ladd Petroleum Corporation

STATE OF COLORADO)
) ss
CITY AND COUNTY OF DENVER)

Subscribed and sworn to before me this 20th day of March, 1970 by Kenneth A. Whiting as vice president of Ladd Petroleum Corporation.

Notary Public, residing at
Aurora, Colorado

My commission expires:

(SEAL)

My Commission expires July 22, 1973

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

BOARD OF OIL AND GAS CONSERVATION

IN THE MATTER OF THE APPLICATION OF LADD PETROLEUM CORPORATION FOR THE UNDERGROUND DISPOSAL OF WATER - RECAPTURE CREEK FIELD	))))	APPLICATION UNDER RULE C-11

Ladd Petroleum Corporation (the "Applicant") hereby makes application under Rule C-11 of the Regulations of the Board of Oil and Gas Conservation of the Department of Natural Resources for the State of Utah for an order authorizing the underground disposal of water produced from the Ismay and Desert Creek formations in the Recapture Creek Field in San Juan County, Utah into the Shell-Government "C" number 2 well located in the NW$\frac{1}{4}$SE$\frac{1}{4}$ of Section 20, T. 40 S., R. 23 E., S.L.B.&M. In connection therewith, the Applicant states as follows:

1. Attached hereto as Exhibit A is a plat showing the location of the disposal well and the locations of all oil and gas wells, including abandoned and drilling wells and dry holes.

2. The following are the names of the lessees of record within one-half mile of the proposed disposal well:

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	Zoller & Danneberg 219 Patterson Building Denver, Colorado 80202

Utah-01058-B

Petroleum, Inc.
860 Petroleum Club Building
Denver, Colorado 80202

Zoller & Danneberg
219 Patterson Building
Denver, Colorado 80202

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5. The disposal well has 102 feet of 13-3/8"casing cemented with 150 sacks, 8-5/8" casing set at 1470 feet and cemented with 350 sacks and 4-1/8" casing set at 5596 feet and cemented with 200 sacks. The perforated intervals for disposal in the Ismay formation are between 5502 feet and 5506 feet and between 5509 feet and 5520 feet and the anticipated open hole section for disposal in the Desert Creek formation is between 5596 feet and 5660 feet.

6. There is no proposed method for testing casing before use of the disposal well.

7. The water to be injected is produced in connection with oil production from wells located in the Recapture Creek Field in Sections 20 and 21, T. 40 S., R. 23 E., S.L.B.& M., San Juan County, Utah.

8. Between 50 and 500 barrels of water will be injected per day in the disposal well through 2-3/8" tubing with a packer set immediately above the disposal zone.

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Denver, Colorado 80202

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P. O. Box 520
Roswell, New Mexico

Petroleum, Inc.
860 Petroleum Club Building
Denver, Colorado 80202

Zoller & Danneberg
219 Patterson Building
Denver, Colorado 80202

IN WITNESS WHEREOF, this application is executed this 20th day of March, 1970.

LADD PETROLEUM CORPORATION

By _____
Vice President

AFFIDAVIT

STATE OF COLORADO)
) ss.
CITY AND COUNTY OF DENVER)

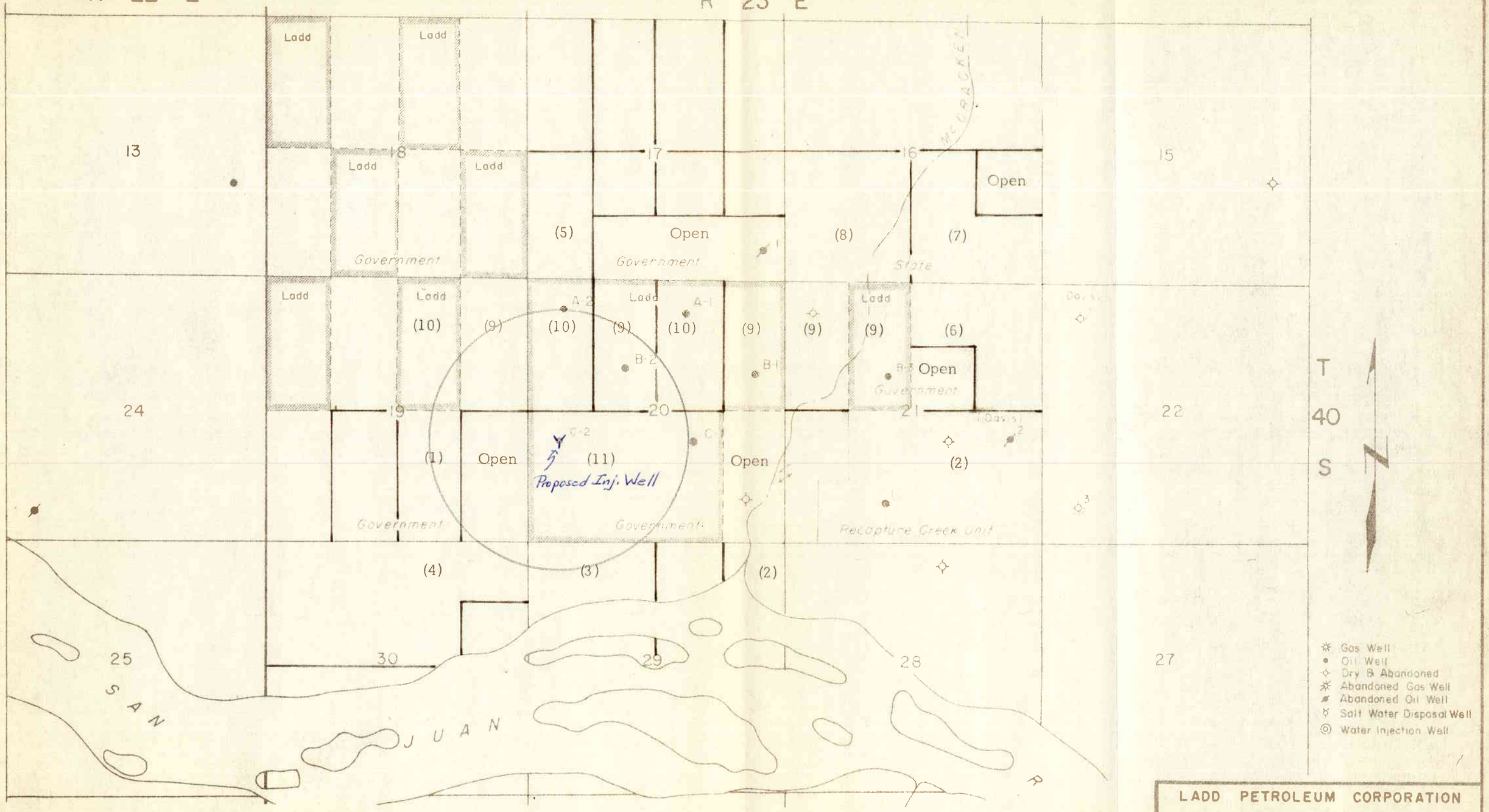
Kenneth R. Whiting, being first duly sworn on oath, deposes and says that he is a vice president of LADD PETROLEUM CORPORATION a Delaware corporation, and that he has read the foregoing Application and states that said Application is true to the best of his knowledge, information and belief.

Subscribed and sworn to before me this 20th day of March, 1970.

_____
Notary Public

My commission expires:

My Commission expires July 22, 1973



LADD PETROLEUM CORPORATION
DENVER, COLORADO

RECAPTURE CREEK FIELD
SAN JUAN COUNTY, UTAH

EXHIBIT A

Page 1

0 2000 4000
SCALE IN FEET

DATE

Lessees of Record

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(2)	Utah-01890	King Resources Company 3100 Security Life Building Denver, Colorado 80202 E. A. Polumbus, Jr. 220 C. A.Johnson Building Denver, Colorado 80202 Consolidated Oil & Gas, Inc. Lincoln Tower Building 1860 Lincoln Denver, Colorado Petro-Lewis Corporation 1224 Denver Club Building Denver, Colorado 80202
(3)	Utah-080837	John H. Trigg P. O. Box 520 Roswell, New Mexico
(4)	Utah-0120404	Edward Mike Davis 1810 First National Bank Building Denver, Colorado 80202
(5)	Utah-0144388	Belco Petroleum Corporation 630 3rd Avenue New York, New York 10017
(6)	Utah-0145853	Walter L. Morrison P. O. Box 2412 Salt Lake City, Utah 84110
(7)	ML-21540	Walter L. Morrison P. O. Box 2412 Salt Lake City, Utah 84110
(8)	ML-22923	Ray Chorney P. O. Box 144 Casper, Wyoming
(9)	Utah-10158	Ladd Petroleum Corporation 830 Denver Club Building Denver, Colorado 80202 Petroleum, Inc. 860 Petroleum Club Building Denver, Colorado 80202 Zoller & Danneberg 219 Patterson Building Denver, Colorado 80202

(10) Utah-10158-B

Ladd Petroleum Corporation
830 Denver Club Building
Denver, Colorado 80202

Petroleum, Inc.
860 Petroleum Club Building
Denver, Colorado 80202

Zoller & Danneberg
219 Patterson Building
Denver, Colorado 80202

(11) Utah-0145853-A

Ladd Petroleum Corporation
830 Denver Club Building
Denver, Colorado 80202

Petroleum, Inc.
860 Petroleum Club Building
Denver, Colorado 80202

Zoller & Danneberg
219 Patterson Building
Denver, Colorado 80202

SCHLUMBERGER

INDUCTION ELECTRICAL LOG

SCHLUMBERGER WELL SURVEYING CORPORATION
HOUSTON, TEXAS

COMPANY ALCO OIL & GAS CORPORATION

WELL SHELL - GOVERNMENT C-2

FIELD RECAPTURE CREEK

COUNTY SAN JUAN STATE UTAH

LOCATION NW SW

Sec. 20 Twp. 40S Rge. 23E

Other Services: SGR, ML

Permanent Datum: GL, Elev. 4523
Log Measured From KB, 12 Ft. Above Perm. Datum
Drilling Measured From KB

Elev.: K.B. 4541
D.F.
G.L. 4523

COUNTY SAN JUAN
FIELD or LOCATION RECAPTURE CREEK
WELL SHELL-GOVERNMENT C-2
COMPANY ALCO OIL & GAS

Date	12-14-63			JCK
Run No.	ONE			
Depth—Driller	5675	ALCO		
Depth—Logger	5678	OIL AND GAS		
Btm. Log Interval	5677			
Top Log Interval	1475	CORPORATION		
Casing—Driller	8 5/8 @ 1470	@	@	@
Casing—Logger	1475			
Bit Size	7 7/8"			
Type Fluid in Hole	GEL-CHEM	Marked Copy		
Dens. / Visc.	3.2 / 60			
pH / Fluid Loss	11 / 3.0 ml	ml	ml	ml
Source of Sample	FLOW LINE			
R_m @ Meas. Temp.	0.72 @ 65°F	@ °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	0.40 @ 67°F	.24 @ 120°F	@ °F	@ °F
R_{mc} @ Meas. Temp.	- @ - °F	1.0 @ 120°F	@ °F	@ °F
Source: R_{mf} R_{mc}	M / C			
R_m @ BHT	0.39 @ 120°F	@ °F	@ °F	@ °F
Time Since Circ.	3 HOURS			
Max. rec. Temp.	120°F	°F	°F	°F
Equip. Location	3501 / OPELA			
Recorded by	[illegible]			
Witnessed by	[illegible]			

FOLD HERE

REMARKS

Scale Changes

Type Log	Depth	Scale Up Hole	Scale Down Hole

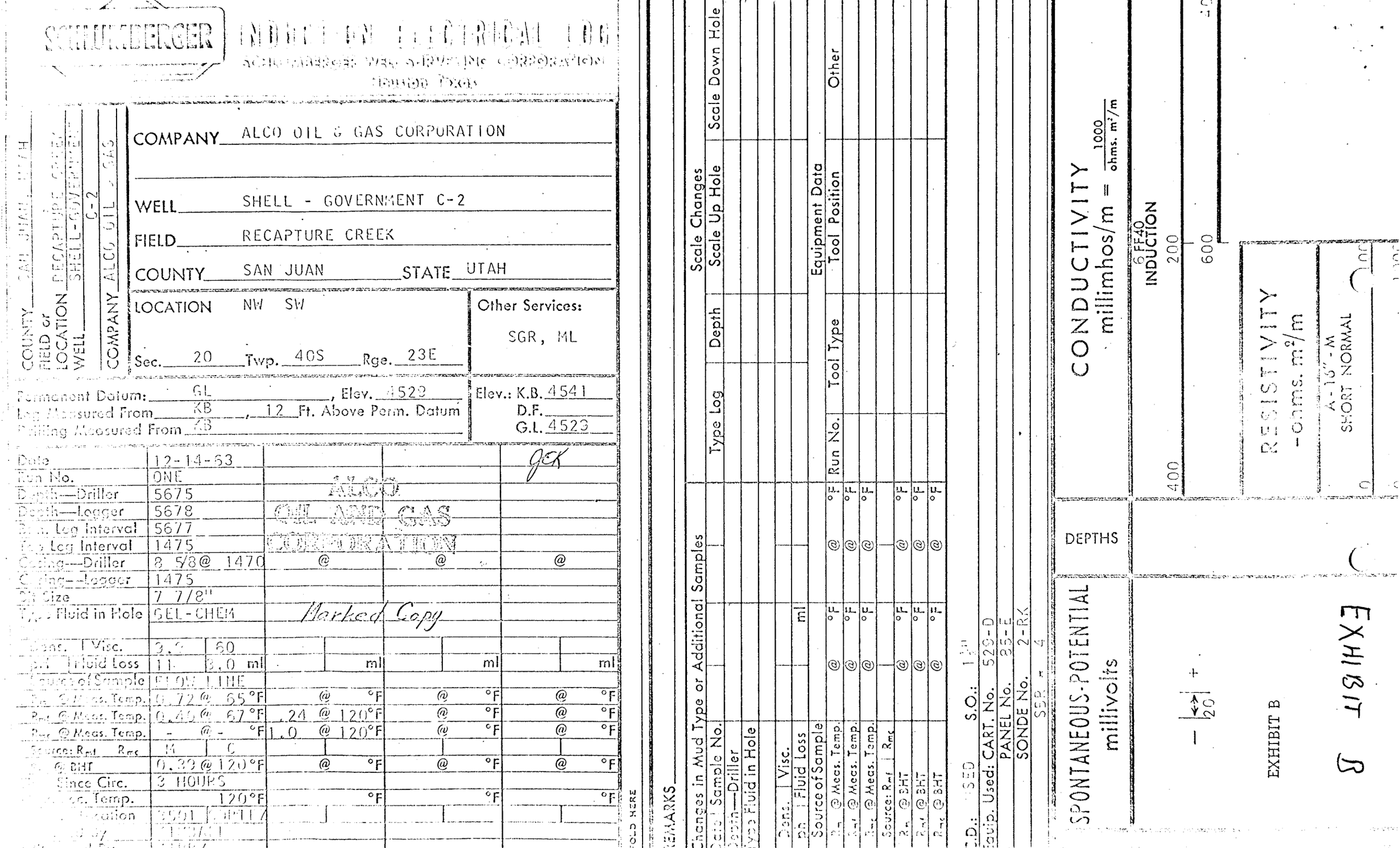
Changes in Mud Type or Additional Samples

Date			
Sample No.			
Depth—Driller			
Type Fluid in Hole			
Dens. / Visc.			
pH / Fluid Loss			ml
Source of Sample			
R_m @ Meas. Temp.	@ °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	@ °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	@ °F	@ °F	@ °F
Source: R_{mf} / R_{mc}	—	—	—
R_m @ BHT	@ °F	@ °F	@ °F
R_{mf} @ BHT	@ °F	@ °F	@ °F
R_{mc} @ BHT	@ °F	@ °F	@ °F

Equipment Data

Run No.	Tool Type	Tool Position	Other

C.D.: SED S.O.: 1[illegible]
Equip. Used: CART. No. 529-D
PANEL No. 35-E
SONDE No. 2-RK
SGR # 4



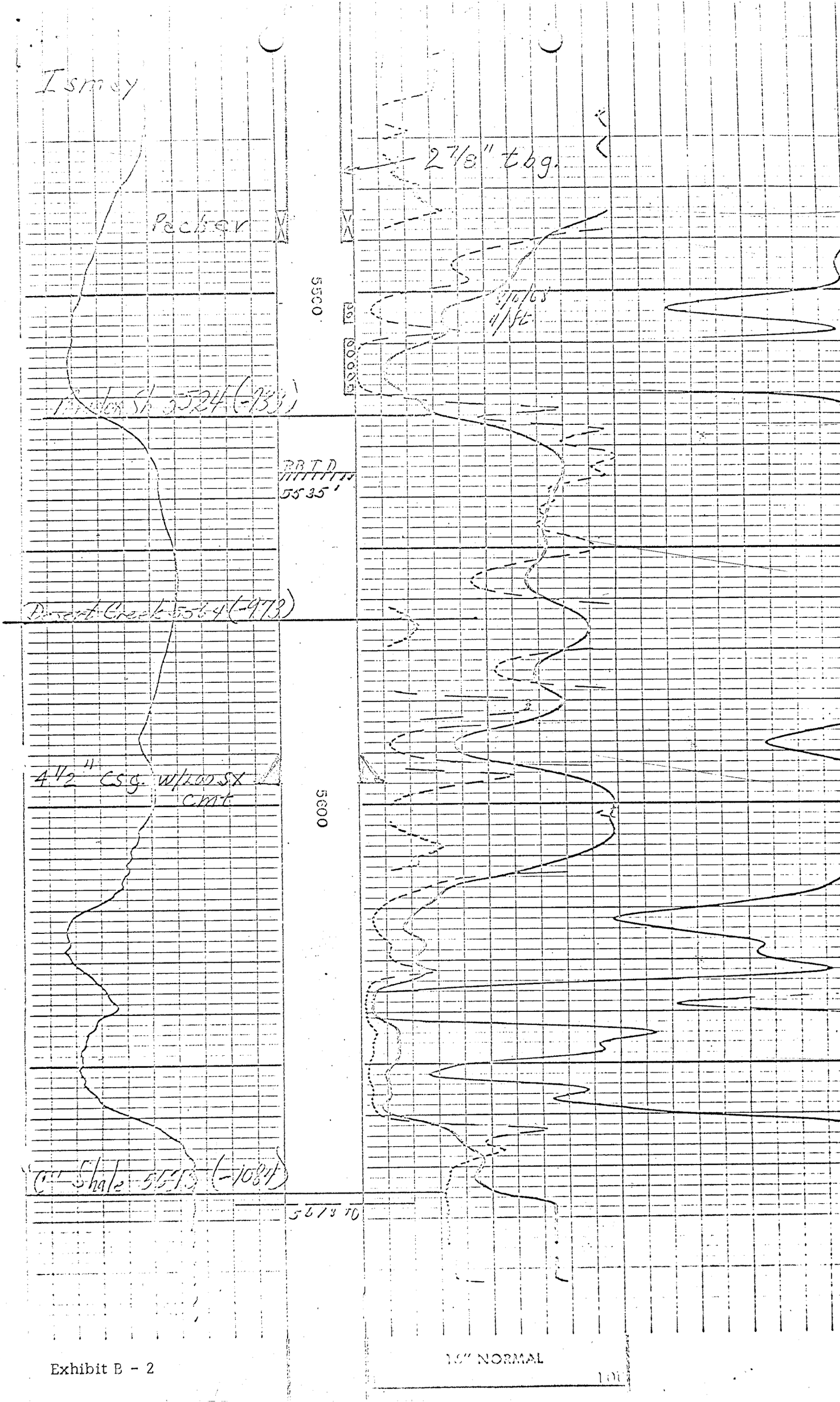

Ismay
Packer
2 7/8" tbg.
5500
Paradox Sh 5524 (-973)
RBTD
5535'
Desert Creek 5564 (-973)
4 1/2" csg. w/100 sx cmt
5600
Shale 5575 (-1084)
5613 TD
10" NORMAL

Exhibit B - 2

AFFIDAVIT OF MAILING OF NOTICE

STATE OF COLORADO)
) ss
CITY AND COUNTY OF DENVER)

The undersigned, a vice president of Ladd Petroleum Corporation, being first duly sworn on his oath, does affirm and declare that the attached Notice of Intention and Application were mailed by Ladd Petroleum Corporation by registered mail, postage prepaid, to each of the following owners of all contiguous oil and gas leases and owners of all oil and gas leases underlying the pool:

King Resources Company
3100 Security Life Building
Denver, Colorado 80202

E. A. Polumbus, Jr.
220 C. A. Johnson Building
Denver, Colorado 80202

Consolidated Oil & Gas, Inc.
1860 Lincoln
Denver, Colorado

Ray Chorney
P. O. Box 2412
Casper, Wyoming

Petro-Lewis Corporation
1224 Denver Club Building
Denver, Colorado 80202

Belco Petroleum Corporation
630 3rd Avenue
New York, New York 10017

Walter L. Morrison
P. O. Box 2412
Salt Lake City, Utah 84110

Petroleum, Inc.
860 Petroleum Club Building
Denver, Colorado 80202

Zoller & Danneberg
219 Patterson Building
Denver, Colorado 80202

IN WITNESS WHEREOF, this Affidavit is executed this 20th day of March, 1970.

Vice President
Ladd Petroleum Corporation

Subscribed and sworn to before me this 20th day of March, 1970.

Notary Public

My commission expires:

My Commission expires July 22, 1973

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

BOARD OF OIL AND GAS CONSERVATION

IN THE MATTER OF THE APPLICATION OF LADD PETROLEUM CORPORATION FOR THE COMPLETION OF A SINGLE WELL IN MORE THAN ONE POOL	))))	NOTICE OF INTENTION

Notice is hereby given that LADD PETROLEUM CORPORATION intends to file the attached application under Rule C-16 with the Board of Oil and Gas Conservation of the Department of Natural Resources for the State of Utah requesting an order authorizing it to complete the well therein described in the Ismay and Desert Creek formations and to commingle the production from such formations.

LADD PETROLEUM CORPORATION

By _____
Vice President

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

BOARD OF OIL AND GAS CONSERVATION

IN THE MATTER OF THE APPLICATION OF LADD PETROLEUM CORPORATION FOR THE COMPLETION OF A SINGLE WELL IN MORE THAN ONE POOL	))))	APPLICATION UNDER RULE C-16

LADD PETROLEUM CORPORATION (the "Applicant") hereby makes application under Rule C-16 of the Regulations of the Board of Oil and Gas Conservation of the Department of Natural Resources for the State of Utah for an order authorizing the completion of the Shell Government "B" number 3 well located in the SE$\frac{1}{4}$NW$\frac{1}{4}$ of Section 21, T. 40 S., R. 23 E., S.L.B.&M., San Juan County, Utah in the Ismay and Desert Creek formations and for the commingling of production from such formations. In connection therewith, the Applicant states as follows:

1. Attached hereto as Exhibit A is a plat showing the location of all wells on adjacent premises and all off-set wells on adjoining lands.

2. The well from which production is to be commingled has 4-1/2" casing set at 5507 feet and is cemented with 300 sacks of cement. Production from the well is presently on pump through perforations between 5420 and 5429 feet and between 5441 feet and 5454 feet in the Desert Creek formation. Applicant proposes perforating between 5320 feet and 5324 feet for the production of oil from the Ismay formation.

3. The well is now marginal with production presently at a rate of 13 barrels per day. The drillstem test of the Desert Creek formation recovered 3000 feet of oil and had an initial shut-in pressure of 2070 psi. The drillstem test of the Ismay formation recovered 38 feet of drilling mud and had an initial shut-in pressure of 1408 psi. With the low pressure of the Ismay formation and the depleted state of the Desert Creek formation, the Applicant does not feel that there will be any loss of oil from one formation to the other.

4. The completion of the well in the Ismay formation and the Desert Creek formation and the commingling of production therefrom will result in a greater ultimate recovery and consequent economic benefit to the royalty owners, the Applicant and the State of Utah.

IN WITNESS WHEREOF, this Application is executed this 30th day of March, 1970.

LADD PETROLEUM CORPORATION

By _____
Vice President

AFFIDAVIT

STATE OF COLORADO)
) ss.
CITY AND COUNTY OF DENVER)

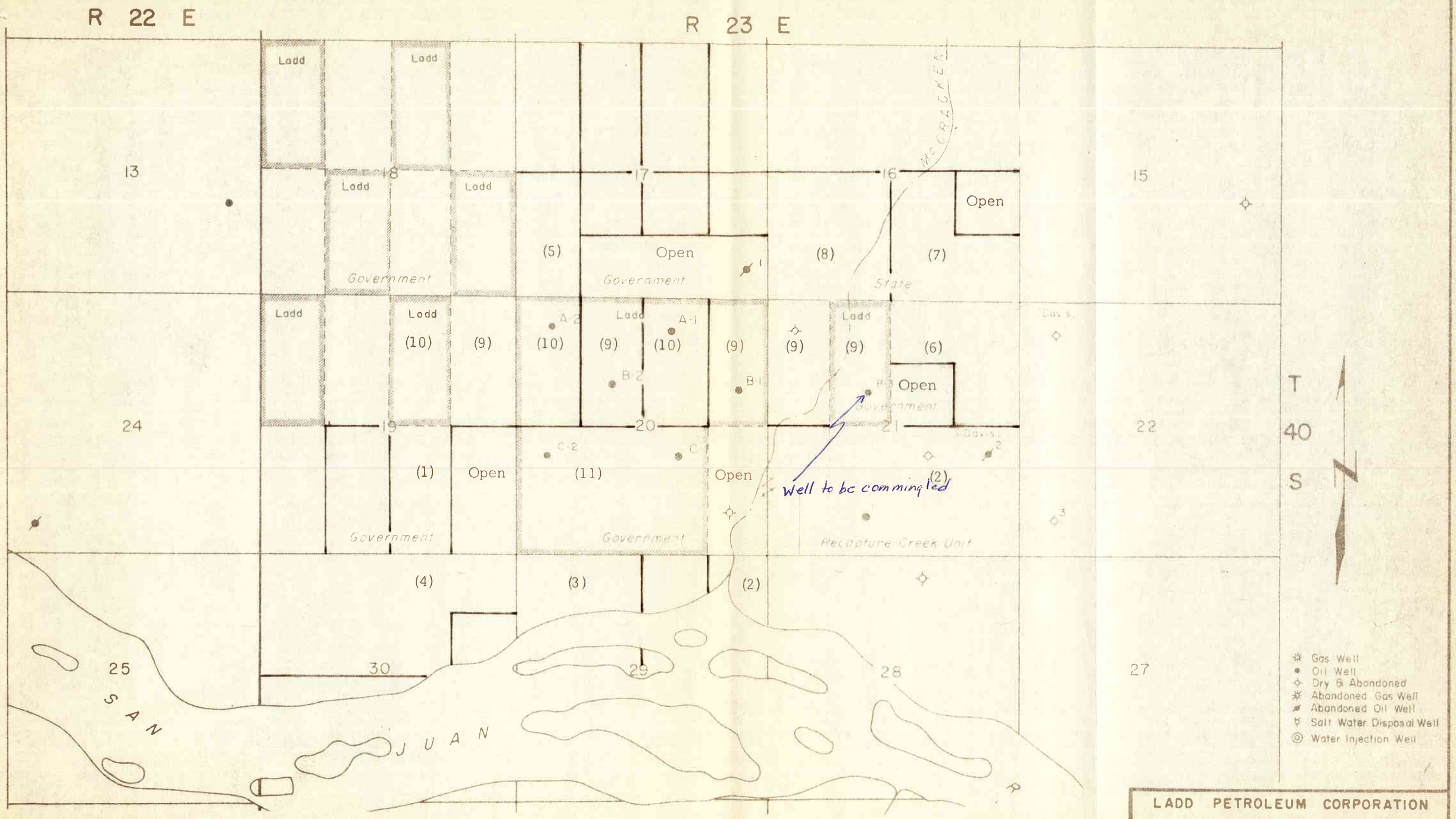
Kenneth R. Whiting, being first duly sworn on oath, deposes and says that he is a vice president of LADD PETROLEUM CORPORATION, a Delaware corporation, and that he has read the foregoing Application and states that said Application is true to the best of his knowledge, information and belief.

Subscribed and sworn to before me this 30th day of March, 1970.

_____
Notary Public

My commission expires:

My Commission expires July 22, 1973



LADD PETROLEUM CORPORATION
DENVER, COLORADO

RECAPTURE CREEK FIELD
SAN JUAN COUNTY, UTAH

EXHIBIT A

Page 1

0 2000 4000
SCALE IN FEET

DATE

Lessees of Record

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(6)	Utah-0145853	Walter L. Morrison P. O. Box 2412 Salt Lake City, Utah 84110
(7)	ML-21540	Walter L. Morrison P. O. Box 2412 Salt Lake City, Utah 84110
(8)	ML-22923	Ray Chorney P. O. Box 144 Casper, Wyoming
(9)	Utah-10158	Ladd Petroleum Corporation 830 Denver Club Building Denver, Colorado 80202 Petroleum, Inc. 860 Petroleum Club Building Denver, Colorado 80202 Zoller & Danneberg 219 Patterson Building Denver, Colorado 80202

(10)	Utah-10158-B	Ladd Petroleum Corporation 830 Denver Club Building Denver, Colorado 80202 Petroleum, Inc. 860 Petroleum Club Building Denver, Colorado 80202 Zoller & Danneberg 219 Patterson Building Denver, Colorado 80202
(11)	Utah-0145853-A	Ladd Petroleum Corporation 830 Denver Club Building Denver, Colorado 80202 Petroleum, Inc. 860 Petroleum Club Building Denver, Colorado 80202 Zoller & Danneberg 219 Patterson Building Denver, Colorado 80202

LADD PETROLEUM CORPORATION

830 Denver Club Building
Denver, Colorado 80202
Telephone (303) 292-3080

October 3, 1972

State of Utah
Division of Oil & Gas
Conservation
1588 West North Temple
Salt Lake City, Utah 84116

Re: Water Disposal Well
Shell Govt. C-2
Recapture Creek Field
San Juan County, Utah

Gentlemen:

Enclosed are two copies of Form 9-331 C, Application for Permit to Drill or Deepen for the subject well. The Shell Govt. C-2 is presently a water disposal well in the Ismay Formation with perforated intervals at 5502'-06' and 5510'-22'. Surface pressure to dispose of produced water in this interval is excessive and approaching an unsafe limit. We request your review and approval to deepen this well to the Desert Creek Formation for an open-hole completion for water disposal.

Thank you for your consideration concerning this application.

Yours very truly,

C. Lee Mueller

C. Lee Mueller
Production Superintendent

CLM:gh

Encl.

Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.: U-0145853-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Shell Govt. "C"

9. WELL NO.: 2

10. FIELD AND POOL, OR WILDCAT: Recapture Creek-Ismay

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: SW Sec. 20 T40S-R23E SLB&M

12. COUNTY OR PARISH:

13. STATE:

1a. TYPE OF WORK: DRILL ☐ DEEPEN XX PLUG BACK ☐

b. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER Salt Water Disposal ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR: LADD PETROLEUM ~~CORPORATION~~

3. ADDRESS OF OPERATOR: 830 Denver Club Building, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 1980' FSL, 660' FWL, Section 20, T40S-R23E
At proposed prod. zone:

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 7 miles east of Bluff, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 660'

16. NO. OF ACRES IN LEASE: 240

17. NO. OF ACRES ASSIGNED TO THIS WELL: NA

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.: 1980'

19. PROPOSED DEPTH: 5660'

20. ROTARY OR CABLE TOOLS: Reverse Circ. Rig

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 4541' K.B.

22. APPROX. DATE WORK WILL START*: 10/15/72

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
*17-1/2"	13-3/8"	48#	172'	150 sx.
*11	8-5/8"	24#	1470'	350 sx.
* 7-7/8"	4-1/2"	10.5#	5596'	200 sx.

1. MIRU workover machine w/power swivel and reverse circ. head.
2. Drill cement from 5535' to 5596'. Drill shoe and cleanout to 5660'.
3. Acidize Desert Creek porosity intervals 5606'-14', 5619'-31' and 5643'-5648' w/500 gal. mud cleanout acid.
4. Run tubing and packer. Set packer @5400'. Start injection.

5600'

Note: Well is presently SWD in Ismay (5502'-06' & 5510'-22'). Pressure for disposal is excessive.

* Existing casing from present operation.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED C. Lee Mueller TITLE Prod. Supt. DATE 10/3/72

(This space for Federal or State office use)

PERMIT NO. 43-037-10012 APPROVAL DATE

APPROVED BY TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

USGS - 3 copies
State of Utah - 2 copies

APPROVED BY DIVISION OF OIL & GAS CONSERVATION

DATE 10-6-72

BY C B Feighner

*See Instructions On Reverse Side

Cmp. 11.63 Dw SWD - 4-10-70

March 29, 1973

Ladd Petroleum Corporation
830 Denver Club Building
Denver, Colorado 80202

Re: Water Disposal Well
Shell Gov't. C-2
Sec. 20, T. 40 S, R. 23 E,
San Juan County, Utah

Gentlemen:

On October 6, 1972, this Division granted your corporation approval to deepen the above referred to well to the Desert Creek Formation for an open-hole water disposal completion.

It would be greatly appreciated if you would advise this office as to the status of said operations.

Thank you for your prompt attention to the above.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

SCHEREE DeROSE
SUPERVISING STENOGRAPHER

:d

Form 9-330
(Rev. 5-63)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*
(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.: U-0145853-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: SHELL-GOVERNMENT "C"

9. WELL NO.: 2

10. FIELD AND POOL, OR WILDCAT: RECAPTURE CREEK

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: SW/4-20-40S-23E-SLB&M

12. COUNTY OR PARISH: SAN JUAN

13. STATE: UTAH

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐ Other SWD

b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☒ PLUG BACK ☐ DIFF. RESVR. ☐ Other

2. NAME OF OPERATOR: LADD PETROLEUM CORPORATION

3. ADDRESS OF OPERATOR: 830 DENVER CLUB BUILDING, DENVER, COLORADO 80202

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*

At surface: 1980'FSL,660'FWL-20-40S-23E

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED: 10/4/72

15. DATE SPUDDED | 16. DATE T.D. REACHED | 17. DATE COMPL. (*Ready to prod.*) | 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* | 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD | 21. PLUG, BACK T.D., MD & TVD | 22. IF MULTIPLE COMPL., HOW MANY* | 23. INTERVALS DRILLED BY → | ROTARY TOOLS | CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL CORED

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (*Interval, size and number*)

SEE ATTACHMENT FOR DETAILS OF DEEPENING AND ACIDIZING WORK.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION | PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*) | WELL STATUS (*Producing or shut-in*)

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED: Michael R. Simon — MICHAEL R. SIMON

TITLE: PRODUCTION ENGINEER

DATE: APRIL 3, 1973

*(See Instructions and Spaces for Additional Data on Reverse Side)

Name of Well: Shell Govt. C-2 'ORKOVER

10/21/72 MI R&R Well Service. RU. Release packer. Pull tubing out of hole. Shut down for night. 1200

10/22/72 GIH w/3-7/8" bit. 3 3-1/16" DC on tubing. Found top cement @5560'. PU pump & power swivel. Drill firm cmt. to 5602'. Circ. hole. Shut down for night. $1500

10/23/72
Drilled soft cmt. and wash to T.D. 5660'. Circ. & clean hole. Rig down swivel, pump and stripper bed .POOH. Lay down bit & drill collars. Pick up packer and start in hole with tubing.
10/24/72
Finished in hole with Baker Model D tension packer. 3 jts. 2-3/8" tailpipe set @5648'. Spot 500 gal 15% mud acid with Halliburton. Pick up and set packer @5400' w/8000# tension. Bottom tailpipe @5493'. Displaced acid in formation at rate of 2.5 BPM @450#. Pumped 50 bbls. wtr. behind acid, 4BPM @1400#. Slow pump to 1-1/2 BPM. Pumped 100 bbls. wtr. @1200#. Slow to 1/2 BPM. Pumped 20 bbls. wtr. @750#. Released rig @1:00 p.m. 10/24/72.

$4500

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

May 1, 1984

Ladd Petroleum Corporation
830 Denver Club Bldg.
Denver, Colorado 80202

RE: Well Shell Gov't C-2
Sec. 20, T. 40S., R 23E.
San Juan County, Utah

Dear Sirs;

According to our records, the API number for the above mentioned well is different from the one indicated on your March report. Our records show as follows:

Shell Gov't C-2, Sec. 20, T. 40S, R. 23E. 43-037-10012

The March report shows as follows:

Shell Gov't C-2, Sec. 20, 40S., R. 23E. 43-0375921

Please check your records and adjust them when necessary. If there are any questions don't hesitate to contact this office.

Sincerely,

Marlayne Poulsen
Office Specialist

MP/mfp

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

August 21, 1985

Ladd Petroleum Corporation
830 Denver Club Building
Denver, Colorado 80202

Gentlemen:

RE: Shell Gov't C-2, Section 20, T40S, R23E, San Juan County, Utah

According to our file on the above mentioned well we have not received the necessary forms required by Rule I-5. I have enclosed the forms and a copy of the rules and regulations for your information.

If this well is still being used as a disposal well this Division respectfully requests that you complete these forms and mail to the above address, attention UIC Program.

Also, we would like to make arrangements to pressure test the casing-tubing annulus on this well at your convenience sometime in September. If you could provide us with the name and number of someone we could call to make these arraangements it would be greatly appreciated

Thank you for your cooperation in this matter. If there are any further questions please call this office.

Sincerely,

Cleon Feight

Cleon B. Feight
UIC Manger

mfp
0009U-20

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

August 28, 1985

Ladd Petroleum Corporation
830 Denver Club Building
Denver, Colorado 80202

Gentlemen:

RE: Salt Water Disposal Well Recapture Creek Shell #C-2, Section 22, Township 40 South, Range 23 East, SLBM

On August 13, 1985, I inspected the above mentioned well. The 3/4" valves on the tubing and the casing-tubing annulus were so badly rusted they could not be opened. Would you please have these valves replaced. Incidentally, at a time convenient for you, we would like to pressure up the casing-tubing annulus to test for casing and/or packer leaks.

Please give us the name of the individual we can contact in order to arrange said test.

Thank you,

Cleon Feight

Cleon B. Feight
UIC Manager

CBF/mfp
0008U-15

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

December 2, 1985

Ladd Petroleum Corporation
830 Denver Club Building
Denver, Colorado 80202

Gentlemen:

RE: Shell Gov't C-2, Section 20, Township 40 South, Range 23 East, San Juan County, Utah

Enclosed is a copy of a letter sent to you on August 21, 1985. To date, we have not received the forms or information requested.

Since this well is being operated illegally, (see enclosed Attorney General's informal opinion No. 85-55), you are hereby requested to shut-in said well and cease injecting until such time as you have filed an application and received approval for a Class II injection well.

Incidentally, failure to comply with this request could result in a fine of $5,000 or $10,000 per day for each day of violation.

Enclosed are some more forms and a copy of Rule I-5.

Thank you,

Cleon B. Feight
UIC Manager

Enclosure
mfp
0009U-28

LADD PETROLEUM CORPORATION
505 N. Big Spring, Suite 302
Midland, Texas 79701
Telephone (915) 684-9975

RECEIVED
DEC 12 1985
DIVISION OF OIL
GAS & MINING

November 8, 1985

State of Utah
Division of Oil, Gas & Mining
355 W North Temple Suite 350
Salt Lake City, Utah 84180-1203

RE: Class II Disposal Well Application
Shell Gov't "C" #2
Sec 20, T40S, R23E
San Juan Co., Utah

Mr. Feight,

As per your letter dated August 21, 1985, LPC respectfully submits the following information and forms required by Rule I-5.

1) A water analysis of the water to be injected
Note: The injecting water and formation is the same as the producing water and formation.
2) A plat showing subject well and all other wells with operators names
3) A drillers log (Form DOGM-UIC-2)
4) An induction electric log
5) A down hole schematic of the subject well
6) Application form # DOGM-UIC-1

If there is any other information required or any questions, please let me know.

Respectfully,

Michael G. Zachry

Michael G. Zachry

MGZ/sgb

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

December 13, 1985

CERTIFIED RETURN RECEIPT REQUESTED
P 168 903 788

Mr. Mike Zachry
Ladd Petroleum Corporation
505 North Big Springs, Suite 302
Midland, Texas 79701

Dear Mr. Zachry:

Re: Request for Information of Existing Class II Injection Well

The purpose of this letter is to confirm your telephone conversation with Ron Firth, Asssociate Director of Oil and Gas, and clarify the status of certain existing Class II Injection Wells.

According to our records, information required in Rule I-4 (enclosed) has not been filed with the Division for the following well in San Juan County:

Well Number	Section	Township	Range
Shell Govt. C-2	20	40 South	23 East

As Mr. Firth indicated, you are being given a thirty-day period, effective from receipt of this letter, to file the necessary information with the Division. You are not required to shut-in the above-referenced well, as indicated in the December 2, 1985 letter from Cleon Feight. You may continue to operate in accordance with Division statute and rules until we have reviewed your submission. At that time, we will notify you in writing of the sufficiency of information filings and the status of the well.

Thank you for your assistance with this matter.

Best regards,

Dianne R. Nielson

Dianne R. Nielson
Director

mjm
Enclosure
cc: R. J. Firth
Ladd Petroleum
830 Denver Club Building
Denver, Colorado 80202
0454V

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

January 7, 1986

Ladd Petroleum Corporation
505 N. Big Spring, Suite 302
Midland, Texas 79701

ATTN: Michael G. Zachry

Dear Mr. Zachry:

RE: Rule I-4 Requirements, Shell Gov't "C" #2, Sec. 20, T40S, R23E, San Juan County, Utah

The information supplied to this office to fulfill the requirements of Rule I-4 has been reviewed. Please provide the following to complete your submission.

- Describe the procedure and/or devices used to control the injection rate and pressure (Rule I-5 (b)(5)i).

- Contingency plans to cope with all shut-ins or well failures (Rule I-5 (b)(6)).

Thank you for your continued cooperation in this matter.

Sincerely,

Gil Hunt
Manager
Underground Injection Control Program

mfp
0156U-49

Form OGC-1b

SUBMIT TRIPLICATE (Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.: U-0145853-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL ☐ GAS WELL ☐ OTHER: Salt Water Disposal Well

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: Dyco Petroleum Corporation

8. FARM OR LEASE NAME: Shell Government

3. ADDRESS OF OPERATOR: 7130 S. Lewis, Suite 300, Tulsa, OK 74136

9. WELL NO.: C2

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: NW SW

10. FIELD AND POOL, OR WILDCAT: Recapture Creek

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 20-40S-23E

14. PERMIT NO.: 43037-10012

15. ELEVATIONS (Show whether DF, RT, GR, etc.):

12. COUNTY OR PARISH: San Juan

13. STATE: UT

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐
REPAIR WELL	☐	CHANGE PLANS	☐
(Other)			☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
(Other) X			☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Dyco Petroleum Corporation took over as operator on the above referenced lease effective 10-1-85. Ladd Petroleum was the previous operator.

18. I hereby certify that the foregoing is true and correct

SIGNED: Gene Fry TITLE: Prod. Assist. DATE: 2-12-86

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Dyco Petroleum Corporation

Galleria Tower I
Suite 300
7130 South Lewis
Tulsa, Oklahoma 74136
918-496-7600

RECEIVED
FEB 14 1986
DIVISION OF
OIL, GAS & MINING

February 12, 1986

State of Utah
355 W. North Temple
Three Triad Center
Suite 350
Salt Lake City, UT 84180-1203

Attn: Gil Hunt

Re: Rule I-4
Shell Government C2
Sec. 20-40S-23E
San Juan County, UT

Dear Mr. Hunt:

Water from the producing wells is sent to a 210 steel tank. A small triplex pump picks up the water out of the tank and pumps it into the disposal well. The pump is equipped with shut down switches that are connected to the tank. If a failure occurs and the tank runs over, we have a small pit that has a capacity of 2000-3000 barrels. Since our combined water production averages only 40 BWPD, we have plenty of tank room and pit room if an emergency should arise. Our injection pressure never exceeds 200 psi. If we see an increase in pressure, a small acid job can be performed and the pressure will drop to 150 psi.

I hope this satisfies your request concerning Rule I-4. If not, let me know and I will comply.

Sincerely,

DYCO PETROLEUM CORPORATION

Gary A. Green

Gary A. Green
Production Engineer

GAG/gdf

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

February 21, 1986

Mr. Gary A. Green
Dyco Petroleum Corporation
Galleria Tower 1
Suite 300
7130 South Lewis
Tulsa, Oklahoma 74136

Dear Mr. Green:

RE: Existing Class II Injection Well - Information Requested - Shell Government C2, T40S, R23E, Section 20, San Juan County, Utah

The information requested by the Division in letters dated December 13, 1985, and January 7, 1986, has been received and found complete.

You are authorized to continue operation of the referenced well in accordance with the Utah State statutes and rules until further notice from this Division.

Thank you for your cooperation and assistance.

Sincerely,

Gil Hunt
UIC Program Manager

mfp
0156U-63

FORM NO. DOGM-UIC-7

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING
Room 4241 State Office Building
Salt Lake City, Utah 84114

RECEIVED
MAR 17 1986
DIVISION OF
OIL, GAS & MINING

RULE I-9

NOTICE OF TRANSFER OF OWNERSHIP

Classification of Well Transfered: Disposal Well ☒ Enhanced Recovery Injection Well ☐

Name of Present Operator Ladd Petroleum

Address 505 N. Big Spring, Suite 302, Midland, TX 79703

Well Being Transferred:

Name: Shell Government C2

Location: Sec. 20 Twp. 40S Rng. 23E County San Juan

Order No. Authorizing Injection granted administratively Date April 15, 1970

Zone Injected Into: Desert Creek 5606-5648'

Effective Date of Transfer 10-1-85

RECEIVED
MAR 24 1986
DIVISION OF
OIL, GAS & MINING

Signature Clyde Phillips

Date March 21, 1986

Name of New Operator Dyco Petroleum Corporation

Address 7130 S. Lewis, Suite 300, Tulsa, OK 74136

Signature of New Operator
Randy W. Kaplin

February 10, 1986
Date

FOR DOGM USE ONLY
It is acknowledged by the Division of Oil, Gas, and Mining that Dyco Petroleum Corp. is the new operator of the above-named well and may:
1. continue to inject fluids as authorized by Order No. 198-3
2. not inject fluids until after Notice, Hearing, and Approval by the Division

Signature [illegible] Date 3/18/86

Federal approval of this action is required before commencing operations.

FILE IN TRIPLICATE

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING
ROOM 4241 STATE OFFICE BUILDING
SALT LAKE CITY, UTAH 84114
(801) 533-5771
(RULE I-5 & RULE I-4)

FORM NO. DOGM-UIC-1
(Revised 1982)

IN THE MATTER OF THE APPLICATION OF
Ladd Petroleum Corporation
ADDRESS 830 Denver Club Bldg.
Denver, Colo. ZIP 80202
INDIVIDUAL ___ PARTNERSHIP ___ CORPORATION X
FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR INJECT FLUID INTO THE Shell Gov't C-2 WELL
SEC. 20 TWP. 40S RANGE 23E
San Juan COUNTY, UTAH

CAUSE NO. _____

ENHANCED RECOVERY INJ. WELL	☐
DISPOSAL WELL	☒
LP GAS STORAGE	☐
EXISTING WELL (RULE I-4)	☐

APPLICATION

Comes now the applicant and shows the Corporation Commission the following:
1. That Rule I-5 (g) (iv) authorizes administrative approval of enhanced rcovery injections, disposal or LP Gas storage operations.
2. That the applicant submits the following information.

Lease Name: Shell Gov't	Well No.: C-2	Field: Recapture Creek	County: San Juan, Utah
Location of Enhanced Recovery Injection or Disposal Well: Disp. well	Sec. 20	Twp. 40S	Rge. 23E
New Well To Be Drilled Yes ☐ No ☒	Old Well To Be Converted Yes ☒ No ☐	Casing Test Yes ☒ No ☐ Date 10/16/85	
Depth-Base Lowest Known Fresh Water Within ½ Mile 2240'	Does Injection Zone Contain Oil-Gas-Fresh Water Within ½ Mile YES ☒ NO ☐	State What Oil & Gas	
Location of Injection Source(s): Shell Govt Lease	Geologic Name(s) and Depth of Source(s): Ismay (5502) Desert Creek (5600)		
Geologic Name of Injection Zone: Ismay/Desert Creek	Depth of Injection Interval 5502 to 5660		
a. Top of the Perforated Interval: 5502'	b. Base of Fresh Water: 2240'	c. Intervening Thickness (a minus b) 3262'	
Is the intervening thickness sufficient to show fresh water will be protected without additional data? X YES NO			
Lithology of Intervening Zones: Lime & Dolomite			
Injection Rates and Pressures: Maximum 40 B/D; 300 PSI			
The Names and Addresses of Those to Whom Notice of Application Should be Sent. No offset operator within 1/2 mile. The surface owner is the Federal Government. (BLM)			

State of Utah)
County of San Juan)

Ladd Petroleum Corporation
Applicant

Before me, the undersigned authority, on this day personally appeared Michael G. Zachry known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this Nov. day of 8 19 85

Michael G. Zachry

SEAL

My commission expires 7/88

Notary Public in and for Sandy Boyd

NOTARY PUBLIC STATE OF TEXAS

(OVER)

FORM DOGM-UIC-1 (continued)

INSTRUCTIONS

1. Attach qualitative and quantitative analysis of representative sample of water to be injected and a qualitative and quantitive analysis of the injection formation of water.

2. Attach plat showing subject well and all known oil and gas wells, abandoned, drilling and dry holes within one-half mile, together and with the name of the operator(s).

3. Attach Drillers Log (Form DOGM-UIC-2). (Appropriate Surety must be on file with Conservation Division or appropriate government agencies.)

4. Attach Electric or Radioactivity Log of Subject well (if released).

5. Attach schematic drawing of subsurface facilities including; Size, setting depth, amount of cement used measured or calculated tops of cement surface, intermediate (if any) and production casings; size and setting depth of tubing; type and setting depth of packer; geologic name of injection zone showing top and bottom of injection interval.

6. If the application is for a NEW well the original and six (6) copies of the application and three (3) complete sets of attachments shall be mailed to the Division. For EXISTING well applications (Rule I-4) only ONE copy of the application and ONE complete set of attachments are required to be mailed to the Division.

7. The Division is required to send notice of application to he surface owner of the land within one-half mile of the injection well and to each operator of a producing leasehole within one-half mile of the injection well. List all required names and addresses in the appropriate space provided on the front of this form.

8. Notice that an application has been filed shall be published by the Division in a newspaper of general circulation in the county of publication before the application is approved. The notice shall include the name and address of applicant, location of proposed injection or disposal well, injection zone, injection pressure and volume. If no written objection is received within 15 days from date of publication the application may be approved administratively.

9. A well shall not be used for injection or disposal unless completed machine accounting Form DOGM-UIC-3b is filed by January 31st each year.

10. Approval of this application, if granted, is valid only as long as there is no substantial change in the operations set forth in the application. A substantial operation change requires the approval of a new application.

11. If there is less intervening thickness required by Rule I-5 (b) 4, attach sworn evidence and data.

12. For enhanced recovery projects, information required by Rule I-4 which is common to more than one well, need be reported only once on the application.

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
Surface	13 3/8	172'	150 sx	Surface	Measured
Intermediate	8 5/8	1470'	350 sx	Surface	Calculated
Production	4 1/2	5596'	200 sx	4500'	alculated
Tubing	2 3/8	5450'	Name - Type - Depth of Tubing Packer Baker Tension - 5450'		

Total Depth	Geologic Name - Inj. Zone	Depth - Top of Inj. Interval	Depth - Base of Inj. Interval
5660'	Ismay/Desert Creek	5502'	5660'

M DOGM-UIC-2
le I-5 (b) 2
vised 1983)

PLEASE TYPE OR USE BLACK INK ONLY

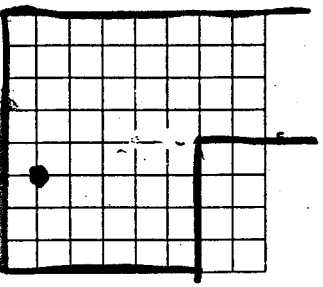
(To be filed within 30 days after drilling is completed)

COUNTY
LEASE NO.

DEPARTMENT OF NATURAL RESOURCES AND ENERGY
DIVISION OF OIL, GAS, AND MINING
Room 4241 State Office Building
Salt Lake City, Utah 84114

API NO.

640 Acres
N



S
cate Well Correctly
and Outline Lease

COUNTY San Juan SEC. 20 TWP. 40S RGE. 23E
COMPANY OPERATING Ladd Petroleum Corp.
OFFICE ADDRESS 830 Denver Club Bldg.,
TOWN Denver STATE ZIP Colo. 80202
FARM NAME Shell Gov't WELL NO. C-2
DRILLING STARTED 11/21 19 63 DRILLING FINISHED 12/14 19 63
DATE OF FIRST PRODUCTION 8/31/68 COMPLETED 8/31/68
WELL LOCATED NN ¼ SW ¼ ¼
1980 FT. FROM SL OF ¼ SEC. & 660 FT. FROM WL OF ¼ SEC.
ELEVATION DERRICK FLOOR 4540 GROUND 4529

TYPE COMPLETION
Single Zone X
Multiple Zone
Comingled
CATION EXCEPTION

OIL OR GAS ZONES

Name	From	To	Name	From	To
Ismay Carbonate	5353	5480			
Desert Creek	5564	5670			

CASING & CEMENT

Casing Set				Csg. Test	Cement		
Size	Wgt.	Grade	Feet	Psi	Sax	Fillup	Top
13 3/8	48#	H-40	172'	1730	150	198 cu ft	Surface
8 5/8	24#	J-55	1470'	2950	350	462 cu ft	Surface
4 1/2	10.5#	J-55	5596	4790	200	264 cu ft	Est. 4500'

TOTAL DEPTH 5660'

CKERS SET
PTH N/A

TE: THIS FORM MUST ALSO BE ATTACHED WHEN FILING PLUGGING FORM DOGM-UIC-6

COMPLETION & TEST DATA BY PRODUCING FORMATION

	1	2	3
FORMATION	Ismay Carb		
SPACING & SPACING ORDER NO.	80 acres		
CLASSIFICATION (DISPOSAL WELL, ENHANCED RECOVERY, LP GAS STORAGE)	Disp. Well		
PERFORATED	5502-5506'		
	5509-5520'		
INTERVALS			
ACIDIZED?	15,000 gal 28%		
	acid		
FRACTURE TREATED?	No		

INITIAL TEST DATA

Date	7/28/68		
Oil, bbl./day	143		
Oil Gravity	41		
Gas, Cu. Ft./day	110,000 CF	CF	CF
Gas-Oil Ratio Cu. Ft./Bbl.	769.2		
Water-Bbl./day	157		
Pumping or Flowing	Pumping		
CHOKE SIZE	–		
FLOW TUBING PRESSURE	100 psi		

A record of the formations drilled through, and pertinent remarks are presented on the reverse.
(use reverse side)

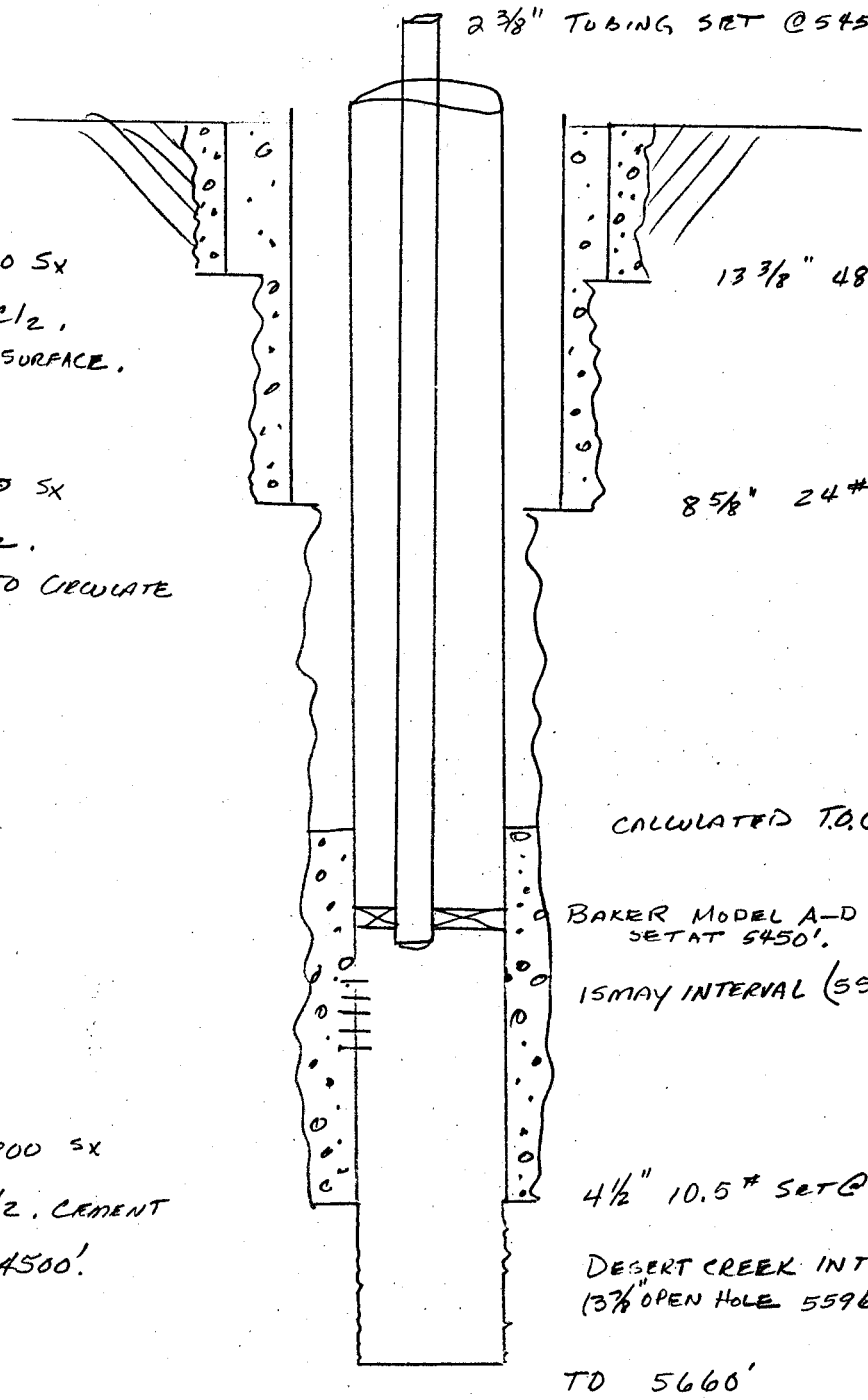
Telephone 915-684-995 M. Michael K. Zachry Sr. Prod. Engr.
Name and title of representative of company

Date: 11/2/85

SHELL GOVERNMENT "C" #2

RECAPTURE CREEK, SAN JUAN CO., UTAH

EL. GR 4529'
EL. KB 4540'



CEMENTED W/ 150 SX CLASS "C" + 2% $CaCl_2$. CEMENT CIRCULATED TO SURFACE.

CEMENTED W/ 350 SX CLASS "C" + 2% $CaCl_2$. CEMENT CALCULATED TO CIRCULATE TO SURFACE.

CEMENTED W/ 200 SX CLASS "C" + 2% $CaCl_2$. CEMENT TOP CALCULATED TO 4500'.

UNICHEM INTERNATIONAL

601 NORTH LEECH P.O.BOX1499

HOBBS, NEW MEXICO 88240

COMPANY : LADD PETROLEUM
DATE . 3-8-84
FIELD,LEASE&WELL .
SAMPLING POINT: DISPOSAL WELL (SAME WATER IN DISPOSAL WELL AS IN PRODUCING WELLS)
DATE SAMPLED . 2-29-84

SPECIFIC GRAVITY = 1.157
TOTAL DISSOLVED SOLIDS = 232421
PH = 6.16

		ME/L	MG/L
CATIONS			
CALCIUM	(CA)+2	853	17100
MAGNESIUM	(MG)+2	406	4933
SODIUM	(NA),CALC.	2855	65637
ANIONS			
BICARBONATE	(HCO3)-1	1.2	73.7
CARBONATE	(CO3)-2	0	0
HYDROXIDE	(OH)-1	0	0
SULFATE	(SO4)-2	13.8	666
CHLORIDES	(CL)-1	4100	145000
DISSOLVED GASES			
CARBON DIOXIDE	(CO2)	NOT RUN	
HYDROGEN SULFIDE	(H2S)	NOT RUN	
OXYGEN	(O2)	NOT RUN	
IRON(TOTAL)	(FE)		8.4
BARIUM	(BA)+2	0	0
MANGANESE	(MN)	NOT RUN	

IONIC STRENGTH (MOLAL) =5.539

SCALING INDEX	TEMP	
	30C	48.8C
	86F	120F
CARBONATE INDEX	.692	1.38
CALCIUM CARBONATE SCALING	LIKELY	LIKELY
CALCIUM SULFATE INDEX	1.96	2.24
CALCIUM SULFATE SCALING	LIKELY	LIKELY

IONIC STRENGTH IS TOO HIGH FOR SULFATE METHOD
IONIC STRENGTH IS TOO HIGH FOR CARBONATE METHOD

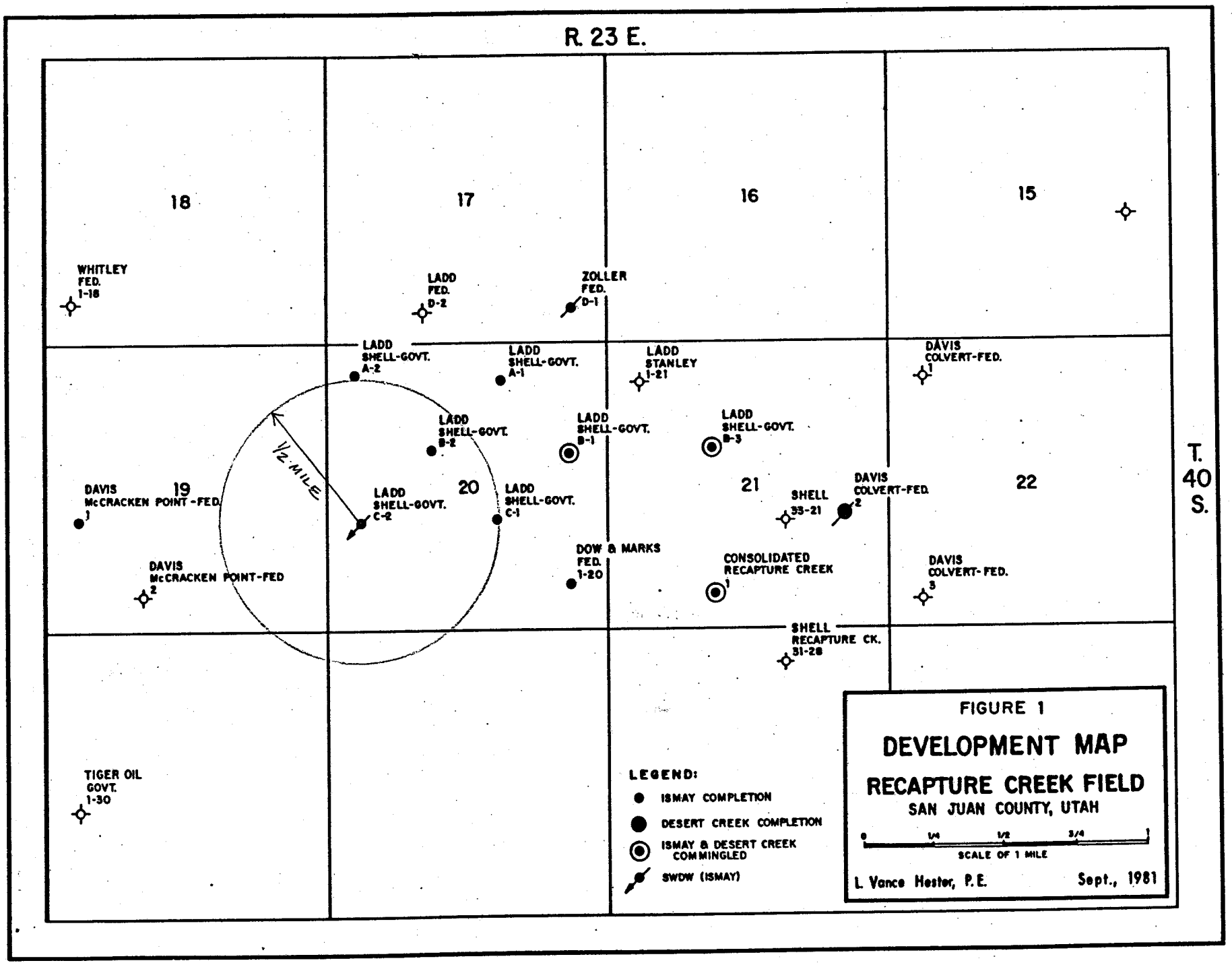
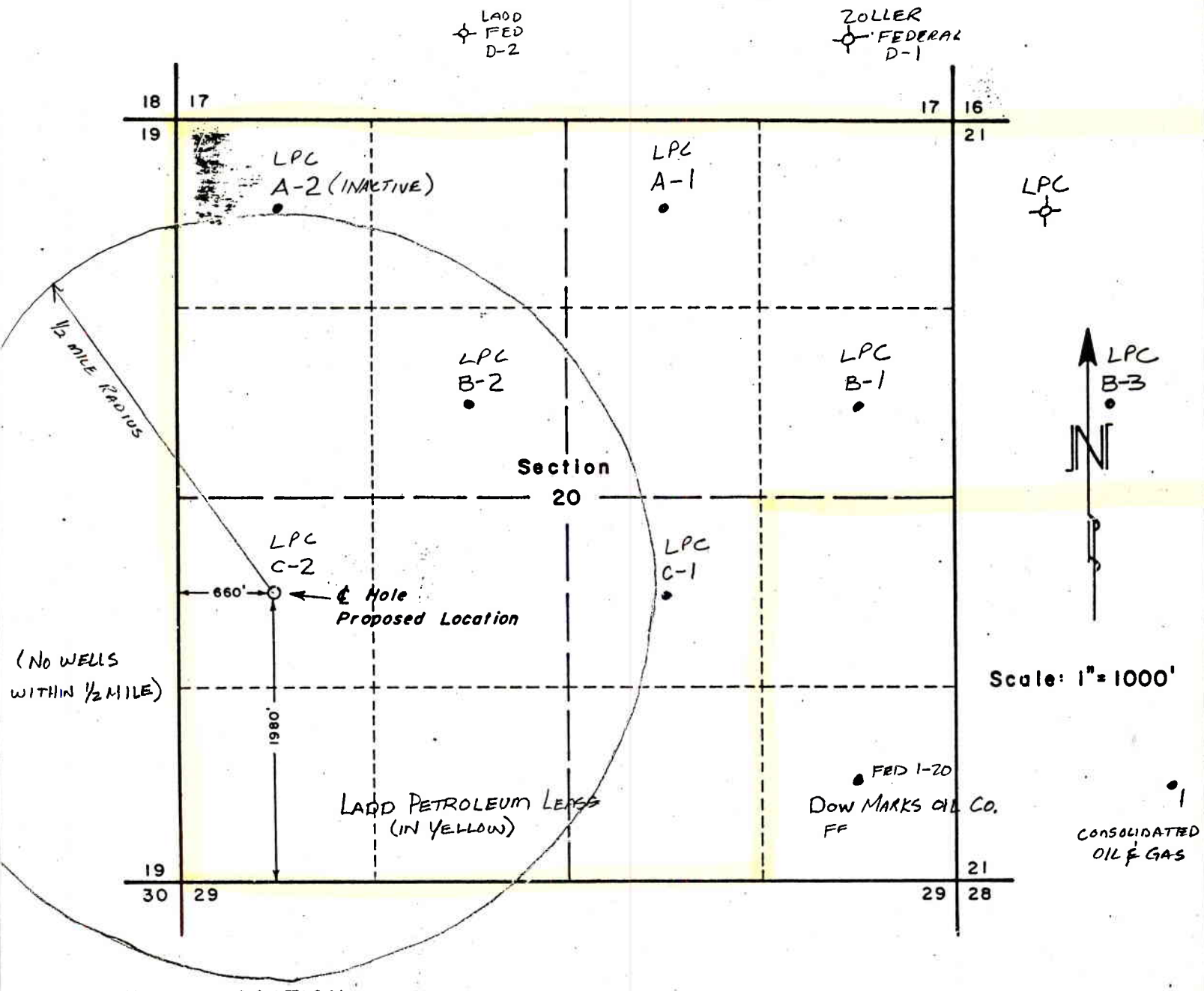


FIGURE 1

DEVELOPMENT MAP

RECAPTURE CREEK FIELD

SAN JUAN COUNTY, UTAH



WELL LOCATION:

Located 1980 feet North of the South line and 660 feet East of the West line of Section 20, Township 40 South, Range 23 East, Salt Lake Base & Meridian. San Juan Co., Utah

Existing ground elevation determined at 4529 feet.

I hereby certify the above plat represents a survey made under my supervision and that it is accurate to the best of my knowledge and belief.

Elmer M. Clark

ELMER M. CLARK
Registered Land Surveyor
State of Utah # 2307

ZOLLER & DANNEBERG
Denver, Colorado

WELL LOCATION PLAT
SHELL GOV'T "C" #2
NW 1/4 - SW 1/4 Sec. 20, T40 S, R23 E
San Juan Co., Utah

E.M. CLARK & ASSOC.
Durango, Colorado

DATE: Dec. 11, 1968
FILE NO: 62088

Division of Oil, Gas and Mining

PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

[] **Well File** _____

(Location) Sec___Twp___Rng___

(API No.) _____

[] **Suspense**

(Return Date) _____

(To - Initials) _____

XXX **Other**

OPERATOR FILE

1. Date of Phone Call: 1-9-92 Time: 11:00

2. DOGM Employee (name) L. ROMERO (Initiated Call XXX

Talked to:

Name DENNIS CHANDLEY (Initiated Call []) - Phone No. (918) 583-1791

of (Company/Organization) SAMSON RESOURCES COMPANY (N8020)

3. Topic of Conversation: OPERATOR CHANGE FROM DYCO PETROLEUM TO SAMSON RESOURCES.

4. Highlights of Conversation:

MR. CHANDLEY STATED THAT DYCO PETROLEUM DISSOLVED. SAMSON RESOURCES ASSUMED OPERATORSHIP. THEY ARE BASICALLY ONE IN THE SAME COMPANY - NOT AN OPERATOR NAME CHANGE. I REFERRED HIM TO THE BLM/MOAB OFFICE TO FILE NECESSARY DOCUMENTATION WITH THEM AND TO OBTAIN BLM APPROVAL.

Form 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

6. Lease Designation and Serial Number: U-01890-B

7. Indian Allottee or Tribe Name:

8. Unit or Communitization Agreement:

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT for such proposals.

1. Type of Well: ☐ Oil Well ☐ Gas Well ☒ Other (specify) WDW

9. Well Name and Number: Shell Government C-2

2. Name of Operator: Samson Resources Company

10. API Well Number: 43-037~~5921~~ 10012

3. Address of Operator: Two West Second Street

4. Telephone Number: (918) 583-1791

11. Field and Pool, or Wildcat:

5. Location of Well
Footage :
QQ, Sec, T., R., M. : NW SW Section 20-40S-23E
County : San Juan
State : UTAH

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- ☐ Abandonment
- ☐ Casing Repair
- ☐ Change of Plans
- ☐ Conversion to Injection
- ☐ Fracture Treat
- ☐ Multiple Completion
- ☐ New Construction
- ☐ Pull or Alter Casing
- ☐ Recompletion
- ☐ Shoot or Acidize
- ☐ Vent or Flare
- ☐ Water Shut-Off
- ☒ Other Change of Operator

Approximate Date Work Will Start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- ☐ Abandonment *
- ☐ Casing Repair
- ☐ Change of Plans
- ☐ Conversion to Injection
- ☐ Fracture Treat
- ☐ Other _____
- ☐ New Construction
- ☐ Pull or Alter Casing
- ☐ Shoot or Acidize
- ☐ Vent or Flare
- ☐ Water Shut-Off

Date of Work Completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Change of Operator. Formerly operated by Dyco Petroleum Corporation.

RECEIVED
JAN 15 1992
DIVISION OF
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name & Signature: Lila L. Miller Title: Production Analyst Date: 1-10-92

(State Use Only)

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.
U-01890-B

6. If Indian, Allottee or Tribe Name

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other WDW

8. Well Name and No.
Shell Government C-2

2. Name of Operator
Samson Resources Company

9. API Well No.
43-037~~5921~~ 10012

3. Address and Telephone No.
Two West Second Street Tulsa, OK 74103 (918) 583-1791

10. Field and Pool, or Exploratory Area

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
NW SW Section 20-40S-23E

11. County or Parish, State
San Juan, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
☒ Notice of Intent	☐ Abandonment	☐ Change of Plans
	☐ Recompletion	☐ New Construction
☐ Subsequent Report	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
☐ Final Abandonment Notice	☐ Altering Casing	☐ Conversion to Injection
	☒ Other Change of Operator	☐ Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

CHANGE OF OPERATOR

Samson Resources Company is taking over operations of the above captioned well.

Samson Resources Company is responsible under the terms and conditions of the lease for operations conducted on the leased lands or portions thereof.

Bond coverage for this well will be provided by BLM BOND No. ~~40S100739379~~ UT0890 MR

RECEIVED
MAR 20 1992
DIVISION OF
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct
Signed Lila L. Mecum Title Production Analyst Date March 6, 1992

(This space for Federal or State office use)
Approved by William C. Stringer Title Assistant District Manager for Minerals Date 3/17/92
Conditions of approval, if any: CONDITIONS ATTACHED

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

Samson Resources Company
Well No. C-2
NWSW Sec. 20, T. 40 S., R. 23 E.
San Juan County, Utah
Lease U-01058-B

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that Samson Resources Company is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by UT0890 (Principal - Samson Resources Company) via surety consent as provided for in 43 CFR 3104.2.

Samson Resources Company

Samson Plaza
Two West Second Street
Tulsa, Oklahoma 74103
918 583-1791

March 20, 1992

Dan Jarvis
State of Utah
Department of Natural Resources-Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

Dear Dan:

Per our telephone conversation March 13, 1992, please find enclosed completed forms UIC Form 5 "Transfer of Authority to Inject" and UIC Form 4 "Annual Fluid Injection Report" for the Shell Government C-2. As mentioned in our conversation Samson will forward a water analysis to the State of Utah when the analysis has been completed.

I have notified our pumper to begin use of the new UIC Form 3 "Monthly Injection Report".

Should you have any questions or I can be of further assistance regarding this matter, please do not hesitate to contact me.

Sincerely,

Lila L. Miller

Lila L. Miller
Production Analyst

cc: Well file

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

RECEIVED
MAR 23 1992
DIVISION OF
OIL GAS & MINING

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

Well name and number: Shell Government C-2

Field or Unit name: Recapture Creek API no. 43-0375921

Well location: QQ NWSW section 20 township 40S range 23E county San Juan

Effective Date of Transfer: 6-18-91

CURRENT OPERATOR

Transfer approved by:

Name Dennis F. Chandlee Company Dyco Petroleum Corporation

Signature Dennis F. Chandlee Address Two West Second Street

Title Supervisor of Production & Adm. Tulsa, OK 74103

Date March 20, 1992 Phone (918) 583-1791

Comments:

NEW OPERATOR

Transfer approved by:

Name Lila L. Miller Company Samson Resources Company

Signature Lila L. Miller Address Two West Second Street

Title Production Analyst Tulsa, OK 74103

Date March 20, 1992 Phone (918) 583-1791

Comments:

(State use only)
Transfer approved by [illegible] Title UIC Manager

Approval Date 3-31-92

(3/89)

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1- LCR/GIL	✓
2- DTS/7-LCR	✓
3- VLC	
4- RJF	✓
5- RWM	✓
6- ADA	✓

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

XXX Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 3-17-92)

TO (new operator) SAMSON RESOURCES COMPANY
(address) TWO WEST SECOND STREET
TULSA, OK 74103
LILA MILLER
phone (918)583-1791
account no. N8020

FROM (former operator) DYCO PETROLEUM CORPORATION
(address) 7130 S. LEWIS #300
TULSA, OK 74136
LILA MILLER
phone (918)583-1791
account no. N0370

Well(s) (attach additional page if needed):

Name	API	Entity	Sec	Twp	Rng	Lease Type
SHELL GOVT A#2/ISMY	43-037-10011	8106	20	40S	23E	U01058B
SHELL GOVT C-2/DSCR	43-037-10012	99990	20	40S	23E	U01890B
SHELL GOVT B#2/ISMY	43-037-15017	8107	20	40S	23E	U01058

OPERATOR CHANGE DOCUMENTATION

LCR 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 9-26-91)

LCR 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Rec'd 9-26-91)

LCR 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) _____ If yes, show company file number: #102274.

LCR 4. **(For Indian and Federal Wells ONLY)** The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.

LCR 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (3-26-92)

LCR 6. Cardex file has been updated for each well listed above. (3-26-92)

LCR 7. Well file labels have been updated for each well listed above. (3-26-92)

LCR 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (3-26-92)

LCR 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

– OVER –

OPERATOR CHANGE WORKSHEET (CONTINUED) In[illegible]l each item when completed. Write N/[illegible] item is not applicable.

ENTITY REVIEW

Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) ____ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).

Yes 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes. (3-26-92)

BOND VERIFICATION (Fee wells only)

N/A 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.

N/A 2. A copy of this form has been placed in the new and former operators' bond files.

N/A 3. The former operator has requested a release of liability from their bond (yes/no) ___. Today's date _____ 19___. If yes, division response was made by letter dated _____ 19___.
Yes

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

N/A 1. (Rule R615-2-10) The former operator/lessee of any **fee lease** well listed above has been notified by letter dated _____ 19___, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
DTS 5/19/92

N/A 2. Copies of documents have been sent to State Lands for changes involving **State leases**.

FILMING

RWM ✓ 1. All attachments to this form have been microfilmed. Date: May 26 1992.

FILING

Yes 1. Copies of all attachments to this form have been filed in each well file.

Yes 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

920326 Btm Approved 3-17-92, eff. same.

WE71/34-35

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
APR 10 1995
DIV. OF OIL, GAS & MINING

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No. UTU0145853A
6. If Indian, Allottee or Tribe Name
7. If Unit or CA, Agreement Designation
8. Well Name and No.
9. API Well No.
10. Field and Pool, or Exploratory Area
11. County or Parish, State: San Juan, UT

1. Type of Well: [X] Oil Well [ ] Gas Well [ ] Other
2. Name of Operator: Blackjack Oil & Gas, Inc.
3. Address and Telephone No.: P.O. Box 5127 Enid, OK 73702 (405)237-0117
4. Location of Well (Footage, Sec., T., R., M., or Survey Description): Listed Below

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[ ] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other Change of Operator	[ ] Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Samson Resources will be transferring operations of the following wells to Blackjack Oil & Gas, Inc., effective April 1, 1995.

Well Name	API No.	Location
Shell - Gov C-1	4303711464005S1	NW SE Section 20-T40S-R23E
Shell - Gov C-2	4303710012005S1	NW SW Section 20-T40S-R23E

14. I hereby certify that the foregoing is true and correct

Signed Karen Beaver Title Office Manager Date April 5, 1995

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

SELF-CERTIFICATION STATEMENT

Be advised that Blackjack Oil & Gas, Inc. is considered to be the operator of Well No. Listed Below, (¼¼) , Sec. , T. ___ S., R. ___ E., Lease UTU0145853A, San Juan County, Utah, and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond Coverage for this well is provided by Bond No. UT1007.

(Principal $25,000.00) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met.

Well Name	API No.	Location
Shell - Gov C-1	4303711464005l	NW SE Section 20-T40S-R23E
Shell - Gov C-2	4303710012005l	NW SW Section 20-T40S-R23E

OPTIONAL FORM 99 (7-90)
FAX TRANSMITTAL # of pages ▶ 2

To Trisha	From Verlene Butts
Dept./Agency Dogm	Phone # BLM
Fax #	Fax #

NSN 7540-01-317-7368 5099-101 GENERAL SERVICES ADMINISTRATION

Moab Dist
82 East Dogwoo
Moab, Utah

U-01058
U-01058B
U-0145853A
(UT-065)

CERTIFIED MAIL - RETURN RECEIPT REQUESTED
Certification No. Z 208 957 872

MAY 16 1995

Blackjack Oil and Gas, Inc.
Gary Foster
P.O. Box 5127
Enid, Oklahoma 73702

Re: Change of Operator Request
Lease No. U-01058B, Wells A-1 and A-2
Lease No. U-01058, Wells B-1, B-2, and B-3
Lease No. U-0145853A, Wells C-1 and C-2

Dear Mr. Foster:

Blackjack Oil and Gas, Inc., (Blackjack) intends to acquire several oil and gas wells from Samson Resources Company (Samson) and submitted change of operator requests to the Bureau of Land Management (BLM). Please find enclosed your sundry notices requesting a change of operator for the subject leases and wells.

Four of the subject wells (A-1, A-2, B-2, and C-1) have been identified by the San Juan Resource Area as high priority for plugging and abandonment (P&A). After field inspections and a file search, this office wrote 60 day letters to Samson, that required them to initiate action to P&A or prove leases U-01058B and U-0145853A capable of producing in paying quantities. These 60 day letters were sent to Samson, and the abatement periods expired, prior to the proposed change of operator by Blackjack.

Lease U-01058B
The sundry notice for wells A-1 and A-2 on lease U-01058B cannot be approved since this office has recommended that this lease be terminated based upon a 60 day letter issued to Samson on December 23, 1994. Samson did not meet the requirements of the 60 day letter in a timely manner.

Lease U-0145853A 43-037-10012 Sec. 20, T. 40S, R. 23E.
The sundry notice for wells C-1 and C-2 on lease U-0145853A cannot be approved since this office has recommended that this lease be terminated based upon a 60 day letter issued to Samson on April 2, 1992. Samson did not meet the requirements of the 60 day letter in a timely manner.

Lease U-01058

The sundry notice for change of operator for lease U-01058 (B-1, B-2, and B-3 wells) is approved. The B-1 well is a producing oil well and the B-3 well is an oil shut-in well and has not produced since January 1994. The B-2 well has a pending written order issued to Samson requiring the operator to plug and abandon the well. Samson did not respond to the written order in a timely manner, however, Blackjack is aware of the status of the well (letter from Blackjack to BLM, March 10, 1995). Our records indicate that the B-2 well was worked on in February 1987 and that the "casing had parted". Approval was given to shut the well in for 90 days and this office required the operator to repair the casing or submit a detailed plan for the well. There is no evidence in our records that documents the required work was ever completed. Since you are the new operator of this well we are extending to you a grace period. Blackjack is hereby given 90 days from receipt of this approval to P&A the B-2 well or prove it capable of production. You are reminded that some actions require prior approval or must be witnessed by BLM personnel.

You may request a State Director Review of this action in accordance with 43 CFR 3165.3. Such a request, including all supporting documentation, must be filed in writing within twenty business days of the date of receipt of this correspondence with the State Director, Bureau of Land Management, Consolidated Financial Center, P. O. Box 45155, Salt Lake City, Utah 84145-0155. Such request shall not result in a suspension of the action unless the reviewing official so determines.

If you should have any questions, please call Gary Torres or Eric Jones of this office at (801) 259-6111.

Sincerely,

/S/ WILLIAM C. STRINGER

Associate District Manager

Enclosure
1. Sundry Notices (7pp)

cc: L. L. Miller (wo/Enclosures)
Samson Resources Company
Two West Second Street
Tulsa, Oklahoma 74103

bcc: UT-922, Utah State Office (wo/Enclosures)
UT-942, Utah State Office (wo/Enclosures)
UT-069, San Juan Resource Area (w/Enclosures)

GTorres:jd:4/27/95 wp a:Blackjac.2nd

OPTIONAL FORM 99 (7-90)
FAX TRANSMITTAL
# of pages ▶ 2

To Dishna	From Verlene Butts
Dept./Agency Dogm	Phone # BLM
Fax #	Fax #

NSN 7540-01-317-7368 5099-101 GENERAL SERVICES ADMINISTRATION

Moab Dist
82 East Dogwoo
Moab, Utah

U-01058
U-01058B
U-0145853A
(UT-065)

CERTIFIED MAIL - RETURN RECEIPT REQUESTED
Certification No. Z 208 957 872

MAY 16 1995

Blackjack Oil and Gas, Inc.
Gary Foster
P.O. Box 5127
Enid, Oklahoma 73702

Re: Change of Operator Request
Lease No. U-01058B, Wells A-1 and A-2
Lease No. U-01058, Wells B-1, B-2, and B-3
Lease No. U-0145853A, Wells C-1 and C-2

Dear Mr. Foster:

Blackjack Oil and Gas, Inc., (Blackjack) intends to acquire several oil and gas wells from Samson Resources Company (Samson) and submitted change of operator requests to the Bureau of Land Management (BLM). Please find enclosed your sundry notices requesting a change of operator for the subject leases and wells.

Four of the subject wells (A-1, A-2, B-2, and C-1) have been identified by the San Juan Resource Area as high priority for plugging and abandonment (P&A). After field inspections and a file search, this office wrote 60 day letters to Samson, that required them to initiate action to P&A or prove leases U-01058B and U-0145853A capable of producing in paying quantities. These 60 day letters were sent to Samson, and the abatement periods expired, prior to the proposed change of operator by Blackjack.

Lease U-01058B
The sundry notice for wells A-1 and A-2 on lease U-01058B cannot be approved since this office has recommended that this lease be terminated based upon a 60 day letter issued to Samson on December 23, 1994. Samson did not meet the requirements of the 60 day letter in a timely manner.

Lease U-0145853A
The sundry notice for wells C-1 and C-2 on lease U-0145853A cannot be approved since this office has recommended that this lease be terminated based upon a 60 day letter issued to Samson on April 2, 1992. Samson did not meet the requirements of the 60 day letter in a timely manner.

Lease U-01058

The sundry notice for change of operator for lease U-01058 (B-1, B-2, and B-3 wells) is approved. The B-1 well is a producing oil well and the B-3 well is an oil shut-in well and has not produced since January 1994. The B-2 well has a pending written order issued to Samson requiring the operator to plug and abandon the well. Samson did not respond to the written order in a timely manner, however, Blackjack is aware of the status of the well (letter from Blackjack to BLM, March 10, 1995). Our records indicate that the B-2 well was worked on in February 1987 and that the "casing had parted". Approval was given to shut the well in for 90 days and this office required the operator to repair the casing or submit a detailed plan for the well. There is no evidence in our records that documents the required work was ever completed. Since you are the new operator of this well we are extending to you a grace period. Blackjack is hereby given 90 days from receipt of this approval to P&A the B-2 well or prove it capable of production. You are reminded that some actions require prior approval or must be witnessed by BLM personnel.

You may request a State Director Review of this action in accordance with 43 CFR 3165.3. Such a request, including all supporting documentation, must be filed in writing within twenty business days of the date of receipt of this correspondence with the State Director, Bureau of Land Management, Consolidated Financial Center, P. O. Box 45155, Salt Lake City, Utah 84145-0155. Such request shall not result in a suspension of the action unless the reviewing official so determines.

If you should have any questions, please call Gary Torres or Eric Jones of this office at (801) 259-6111.

Sincerely,

/S/ WILLIAM C. STRINGER

Associate District Manager

Enclosure
1. Sundry Notices (7pp)

cc: L. L. Miller (wo/Enclosures)
Samson Resources Company
Two West Second Street
Tulsa, Oklahoma 74103

bcc: UT-922, Utah State Office (wo/Enclosures)
UT-942, Utah State Office (wo/Enclosures)
UT-069, San Juan Resource Area (w/Enclosures)

GTorres:jd:4/27/95 wp a:Blackjac.2nd

JD

Division of Oil, Gas and Mining

PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

XXX Well File(S) **SEE ATTACHED**
Shell Gov't C2
(Location) Sec 20 Twp 40S Rng 23E
(API No.) 43-037-10012

[ ] Suspense
(Return Date) _____
(To - Initials) _____

XXX Other
OPERATOR FILE(S)

1. Date of Phone Call: 10-18-95 Time: 3:00

2. DOGM Employee (name) L. CORDOVA (Initiated Call XXX)
Talked to:

Name KAREN BEAMAN (Initiated Call [ ]) - Phone No. (405) 237-0117

of (Company/Organization) BLACKJACK OIL & GAS, INC.

3. Topic of Conversation: OPERATOR CHANGE "SAMSON TO BLACKJACK" SEE ATTACHED WELLS.

4. Highlights of Conversation:

DEAL FELL THROUGH. BLACKJACK DID NOT ASSUME ANY OF THE WELLS.

THE SHELL GOV'T B1, B2 & B3 WELLS ARE IN THE PROCESS OF BEING CHANGED BACK TO SAMSON FROM BLACKJACK. (THE BLM APRV THE OPERATOR CHANGE 5/95) **SEPARATE CHANGE

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1-LEC / GIL
2-LWP 7-PL
3-DTS 8-SJ
4-VLC 9-FILE
5-RJF
6-LWP

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

XXX Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 4-1-95)

TO (new operator) BLACKJACK OIL & GAS INC
(address) PO BOX 5127
ENID OK 73702
KAREN BEAMAN
phone (405) 237-0117
account no. N2960

FROM (former operator) SAMSON RESOURCES COMPANY
(address) TWO W 2ND ST
TULSA OK 74103
BRYON EXLINE
phone (918) 583-1791
account no. N8020

Well(s) (attach additional page if needed): *WDW

Name	API	Entity	Sec	Twp	Rng	Lease Type
SHELL GOVT A #1/ISMY	43-037-15018	8105	20	40S	23E	U01058B
SHELL GOVT A #2/ISMY	43-037-10011	8106	20	40S	23E	U01058B
SHELL GOVT C #1/ISMY	43-037-11464	8109	20	40S	23E	U0145853A
*SHELL GOVT C #2/DSCR	43-037-10012	99990	20	40S	23E	U01890B

OPERATOR CHANGE DOCUMENTATION

___ 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form).

Yes 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Rec'd 4-10-95)

N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) _____ If yes, show company file number: _____.

___ 4. **(For Indian and Federal Wells ONLY)** The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.

___ 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above.

___ 6. Cardex file has been updated for each well listed above.

___ 7. Well file labels have been updated for each well listed above.

___ 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission.

___ 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

– OVER –

STATE OF UTAH
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

INJECTION WELL - PRESSURE TEST

Test Date: 7/18/96 Well Owner/Operator: Samson Resources

Disposal Well: X Enhanced Recovery Well: _____ Other: _____

API No.: 43-037-10012 Well Name/Number: Gov C #2

Section: 20 Township: 40S Range: 23E

Initial Conditions:

Tubing - Rate: _____ Pressure: 300 psi

Casing/Tubing Annulus - Pressure: 0 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	600	~~300~~ 300
5	500	600
10	400	400
15	200	400
20		
25		
30		

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: _____ psi

Casing/Tubing Annulus Pressure: _____ psi

REMARKS: Backside was pressured up to 600 psi bled off. Failed MIT.

_____ **Operator Representative**

_____ **DOGM Witness**

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

6. Lease Designation and Serial Number: U-0145853-A

7. Indian Allottee or Tribe Name:

8. Unit or Communitization Agreement:

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or reenter plugged and abandoned wells.
(Use APPLICATION FOR PERMIT TO DRILL for such proposals.)

Type of Well: ☐ Oil Well ☐ Gas Well ☒ Other (specify) Salt Water Disposal Well

9. Well Name and Number: Shell Gov't C-2 SWD

Name of Operator: Samson Resources Company

10. API Well Number: 43-037-1001200

Address of Operator: Two West Second Street, Tulsa, OK 74103-3103

4. Telephone Number: 918-583-1791

11. Field and Pool, or Wildcat: Recapture Creek Field

Location of Well
Footage: 1980' FSL & 660' FWL
County: San Juan
QQ, Sec, T., R., M.: NW/4 SW/4 of Section 20-T40S-R23E
State: UTAH

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- ☐ Abandonment
- ☐ Casing Repair
- ☐ Change of Plans
- ☐ Conversion to Injection
- ☐ Fracture Treat
- ☐ Multiple Completion
- ☐ New Construction
- ☐ Pull or Alter Casing
- ☐ Recompletion
- ☐ Shoot or Acidize
- ☐ Vent or Flare
- ☐ Water Shut-Off
- ☒ Other Increase injection pressure

Approximate Date Work Will Start: June 1, 1998

SUBSEQUENT REPORT (Submit Original Form Only)

- ☐ Abandonment *
- ☐ Casing Repair
- ☐ Change of Plans
- ☐ Conversion to Injection
- ☐ Fracture Treat
- ☐ Other
- ☐ New Construction
- ☐ Pull or Alter Casing
- ☐ Shoot or Acidize
- ☐ Vent or Flare
- ☐ Water Shut-Off

Date of Work Completion

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Samson Resources Company requests an increase of the maximum authorized injection pressure to 600 psig. This increase is necessary as Samson recently added more water to this system, thereby increasing capacity and injection pressure. Disposal of produced water into this system is necessary to economically produce several operated leases as well as one lease operated by others.

Approved by the Utah Division of Oil, Gas and Mining
Date: 6-9-98
By: D-Jan

I hereby certify that the foregoing is true and correct

Name & Signature: Jeffrey S. Ross Title: District Engineer Date: 5/15/1998

(State Use Only)

Utah Division of Oil, Gas and Mining

Attachment to **Sundry Notice and Report on Wells**
dated May 5, 1998.

Subject: Request of Samson Resources Company for permission to accept water from off lease at the Shell Gov't C-2 well.

NW/SW, sec. 20, T40S R23E, San Juan, County
API = 43-037-10012

Conditions of Approval:

1. A chemical analysis of the water that will be accepted and a compatibility analysis of the mixed water will be required.

Samson

Samson Plaza
Two West Second Street
Tulsa, Oklahoma 74103-3103
918/583-1791
Fax 918/591-1796

RECEIVED
MAY 15 1998
DIV. OF OIL, GAS & MINING

May 12, 1998

43-037-10012

Mr. Dan Jarvis
Division of Oil, Gas & Mining
P. O. Box 145801
Salt Lake City, UT 84114-5801

Re: Mechanical Integrity Test
Shell Government C-2
San Juan County, UT

Dear Mr. Jarvis:

Per our phone conversation of April 14, 1998, enclosed is a sundry notice reporting our August 5, 1996 mechanical integrity test of the Shell Government C-2 salt water disposal well in San Juan County, Utah. As you are aware, a copy of the MIT test report cannot be located.

During our conversation, you recalled witnessing this MIT and suggested that we submit a copy of our daily completion/workover report instead. A copy of this report is attached to the sundry notice in lieu of the MIT test report.

I trust you will find the enclosed in order, however, please feel free to call me if you have any questions.

Sincerely,

Debbie Dorn
Environmental Technician

/dd

Enclosures

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.: U-01890-B
6. If Indian, Allottee or Tribe Name:
7. If Unit or CA, Agreement Designation:
8. Well Name and No.: Shell Government C-2
9. API Well No.: 43-037~~5324~~ 16012
10. Field and Pool, or Exploratory Area:
11. County or Parish, State: San Juan, Utah

1. Type of Well: [ ] Oil Well [ ] Gas Well [X] Other Saltwater Disposal Well
2. Name of Operator: SAMSON RESOURCES COMPANY
3. Address and Telephone No.: TWO WEST SECOND STREET TULSA, OK 74103 (918) 583-1791
4. Location of Well (Footage, Sec., T., R., M., or Survey Description): NW SW Section 20-40S-23E

12 **CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION	
[X] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[ ] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other Mechanical Integrity Test	[ ] Dispose Water
		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13 Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Notice of Mechanical Integrity Test

A mechanical integrity test was performed on August 5, 1996 and was witnessed by Dan Jarvis of the Utah OGCC, but the paperwork was never submitted to document the test, and the chart can not be located. Attached is a copy of our Daily Completion/Workover Report confirming the test, in lieu of the chart.

RECEIVED
MAY 15 1998
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct
Signed [signature] Title Environmental Technician Date 5/5/98

(This space for Federal or State office use)
Approved by _____ Title _____ Date _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

SAMSON RESOURCES COMPANY

006829

DAILY COMPLETION/WORKOVER REPORT

UNIT NAME: Recapture Creek

LEASE #: Not Available

WELL NAME: Shell Government #C2

RIG: Big A # 30

COUNTY, STATE: San Juan, ~~CO~~ UT

FORMATION: Desert Crk

REPORT DATE: 5 August 96

NO. OF DAYS: 3

MULTIPLE WELL UNIT: (X) YES ( ) NO

Time	Hours	Activity
0730-1600	8½	Open well, dead. Receive 20 jts New 2-3/8" internally plastic coated(ICO #505) 4.7#, J55, 8rd, tbg (621.25'), RIH w 19 jts for a total of 171 jts, SN, AD-1 pkr, 1 jt to 5284.54. Pumped 55 bbls of FW treated w/1% Petrolite CRW 37L packer fluid. pumped @ .5-.75 bpm @ 200 inc to 450#, broke back to 150# w/ 40 bbls away. Recovered 40 bbls from tbg. Hauled to disposal. ND BOPs Set pkr @ 5250.34 w/ 18,000 tens. PT csg to 680 psi-did not hold, tried several times. Rel pkr, laid down 1 jt, set pkr @ 5219.10, SN @ 5217.70 & EOA @ 5253.16. Retest to 680 psi - held 30 mins. NU surface conn & turned over to Pumper, Clifford Pearson. RDMO. Released rental equipt.
		Note: All measurement GL.

Expense	Daily	Cumulative
Surface Dam & ROW		
Roads & Location		
Completion Rig	1260	
Equip Rentals	inc	
Perforating		
Acid/Frac est	420	Pkr fld
Wireline		
Tubing @3.48	2162	
Line Pipe		
Wellhead Equip		
Surface Equip	250	parts
Subsurface Equip		
Artific Lift Equip		
Other Contr Equip	581	Vac/Ht Oil
Inspection		
Transportation	1040	
Supervisor	500	
Labor & Supplies		
Overhead	100	
Miscellaneous	(305)	scrap
TOTALS	6008	9595

Downhole Assembly

	Joints	Feet
Top Perf		5502-20
End of Tubing		5253
SN Depth		5218
Packer Depth		5219

Equipment Description

Tubing	172 jts 2-3/8" Plastic #505
Packer	Bkr AD-1 2-3/8x 4½ rblt
RBP	
CIBP	
TAC	
Rods	
Pump	

General Comments:

Dan Jarvis Utah OGCC agreed to test w/ Witnesses, requested copies of report & Hot oil tickt

Transferred 2 jts 2-3/8" IPC tbg to Big A yard in W. Montezuma Crk for storage.

Transferred 88 jts used 2-3/8" to Max Callum, Pumper's Yard for storage. (2759.11')

Pipe was transferred from Cisco Fed #2A prior to discovering C2 had IPC coating.

Sold 18 jts scrap @ .55/ft fob loc.

Responsible Engr: Kippenberger/Hulford Reporter: Robert E. Sylar Date: 5 Aug 96

F-0008 0890

Form 3160-5
(November 1994)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires: July 11, 1996

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

RECEIVED
NOV 22 1999
Bureau of Land Management
Durango Colorado

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

5. Lease Serial No.
UTU0145853A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement, Name and/or No.

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other SWD

8. Well Name and No.
Shell Government C-2

2. Name of Operator
RIM OPERATING INC., Agent for RIM Offshore, Inc.

9. API Well No.
43-037-10012

3a. Address
5 Inverness Drive East, Englewood, CO 80112

3b. Phone No. (include area code)
(303) 799-9828

10. Field and Pool, or Exploratory Area
Recapture Creek

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SE NE Section 20-40S-23E

11. County or Parish, State
San Juan, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Water Shut-Off
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	☒ Other
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	Change of Operator

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration there If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zone Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Effective ~~August~~ October 1, 1999, the operator of this well changed from Samson Resources Company to RIM Operating Inc., agent for RIM Offshore, Inc.
Be advised that RIM Operating, Inc. is considered to be the operator on the above described lands and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands or portions thereof, and bond coverage is provided by:

Type of Bond:	Blanket Oil & Gas Lease
Surety:	Underwriters Indemnity Company
Principal:	RIM Operating, Inc.
Obligee:	USA (BLM)
Bond #:	RLB 1427
Coverage:	$25,000
Date of Bond:	October 7, 1999

Rim Operating has posted a $42,500 ROW bond #RLB1545 to cover this well. ROW # UTU74158

UTU0145853A is a terminated lease

RECEIVED
1999 DEC -3 P 3:23
MOAB FIELD OFFICE

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Title

Signature René Mans

Date

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by ACCEPTED

Title Division of Resources

Date DEC - 3 1999

Office

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(See Instruction on Reverse Side)

Form 3160-5
(November 1994)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires: July 11, 1996

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

5. Lease Serial No.
UTU0145853A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement, Name and/or No.

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other SWD

8. Well Name and No.
Shell Government C-2

2. Name of Operator
RIM OPERATING INC., Agent for RIM Offshore, Inc.

9. API Well No.
43-037-10012

3a. Address
5 Inverness Drive East, Englewood, CO 80112

3b. Phone No. *(include area code)*
(303) 799-9828

10. Field and Pool, or Exploratory Area
Recapture Creek

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
SE NE Section 20-40S-23E

11. County or Parish, State
San Juan, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Water Shut-Off
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	☒ Other
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	Change of Operator

1 Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration there If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zone Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed withing 30 days following completion of the involved operations. If the operation results in a multiple completion or recomplettion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Effective ~~August~~ October 1, 1999, the operator of this well changed from Samson Resources Company to RIM Operating Inc., agent for RIM Offshore, Inc.
Be advised that RIM Operating, Inc. is considered to be the operator on the above described lands and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands or portions thereof, and bond coverage is provided by:

Type of Bond:	Blanket Oil & Gas Lease
Surety:	Underwriters Indemnity Company
Principal:	RIM Operating, Inc.
Obligee:	USA (BLM)
Bond #:	RLB 1427
Coverage:	$25,000
Date of Bond:	October 7, 1999

RECEIVED
FEB 11 2000
DIVISION OF
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)*

Title

Signature René Mans

Date

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(See Instruction on Reverse Side)

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

Well name and number: SHELL GOVERNMENT C-2

Field or Unit name: RECAPTURE CREEK API no. 43-037-10012

Well location: QQ SENE section 20 township 40S range 23E county SAN JUAN

Effective Date of Transfer: 10/1/99

CURRENT OPERATOR

Transfer approved by:

Name EDDIE CARNEVALETTI Company SAMSON

Signature Eddie Carnevaletti Address TWO WEST SECOND STREET

Title MGR, PROD. ADMIN. TULSA, OKLAHOMA 74103-3103

Date APRIL 6, 2000 Phone (918) 583-1791

Comments:

NEW OPERATOR

Transfer approved by:

Name ROBERT L. VESCO Company RIM OPERATING, INC.

Signature Robert L Vesco Address 5 INVERNESS DRIVE EAST

Title SECRETARY/TREASURER ENGLEWOOD, CO 80112

Date MARCH 30, 1999 Phone (303) 799-9828

Comments:

(State use only)
Transfer approved by M. Hunt Title Tech. Services Manager

Approval Date 6/23/00

(3/89)

RECEIVED
APR 13 2000
DIVISION OF
OIL, GAS AND MINING

orm 8

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

6. Lease Designation and Serial Number: UTU0145853A

7. Indian Allottee or Tribe Name:

8. Unit or Communitization Agreement:

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT — for such proposals.

Type of Well: ☐ Oil Well ☐ Gas Well ☒ Other (specify) SWD

9. Well Name and Number: Shell Government C-2

Name of Operator: Samson Resources Company

10. API Well Number: 43-037-10012

Address of Operator: Two West Second Street Tulsa, OK 74103

4. Telephone Number: 918 583-1791

11. Field and Pool, or Wildcat: Recapture Creek

Location of Well

Footage :

QQ, Sec, T., R., M. : SE NE Sec 20-40S-23E

County : San Juan

State : UTAH

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

- ☐ Abandonment
- ☐ Casing Repair
- ☐ Change of Plans
- ☐ Conversion to Injection
- ☐ Fracture Treat
- ☐ Multiple Completion
- ☐ Other
- ☐ New Construction
- ☐ Pull or Alter Casing
- ☐ Recompletion
- ☐ Shoot or Acidize
- ☐ Vent or Flare
- ☐ Water Shut-Off

Approximate Date Work Will Start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- ☐ Abandonment *
- ☐ Casing Repair
- ☐ Change of Plans
- ☐ Conversion to Injection
- ☐ Fracture Treat
- ☒ Other Change of Operator
- ☐ New Construction
- ☐ Pull or Alter Casing
- ☐ Shoot or Acidize
- ☐ Vent or Flare
- ☐ Water Shut-Off

Date of Work Completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Samson Resources Company turned over operations effective 8/1/99 to:

RIM OPERATING, INC. Agent for RIM Offshore, Inc.
5 Iverness Drive East, Englewwod, CO 80112

RIM Operating, Inc. is responsible under the terms and conditions of the lease for operations conducted on the lease lands, or portions thereof.

RECEIVED
JUN 05 2000
DIVISION OF
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct

Name & Signature: Eddie Carnevaletti *Eddie Carnevaletti* Title: Mgr Prod Admin Date: 5/30/00

(State Use Only)

3/90)

See Instructions on Reverse Side

Division of Oil, Gas and Mining

ROUTING:

1-GLH ✓	4-KAS ✓
2-CDW ✓	5-~~SJ~~ ✓
3-JLT ✓	6-FILE

OPERATOR CHANGE WORKSHEET

Check each listed item when completed. Write N/A if item is not applicable.

X Change of Operator (Well Sold) ☐ Designation of Agent

☐ Operator Name Change Only Merger

The operator of the well(s) listed below has changed, **effective**: **10-1-99**

TO:(New Operator) RIM OPERATING INC.
Address: 5 INVERNESS DRIVE EAST
ENGLEWOOD, CO 80112

Phone: 1-(303)-799-9828
Account No. N1045

FROM:(Old Operator) SAMSON RESOURCES CO
Address: 2 WEST 2ND STREET
TULSA, OK 74103

Phone: 1-(918)-583-1791
Account No. N8020

WELL(S): **CA Nos.** _____ or _____ **Unit**

Name	API	Entity	S	T	R	Lease
SHELL GOV'T C-2 **(SWD)**	43-037-10012	99990	20	40S	23E	UTU-145853A

OPERATOR CHANGE DOCUMENTATION

YES 1. A **pending operator change file** has been set up.

YES 2. (R649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator on 5-5-00.

YES 3. (R649-8-10) Sundry or other legal documentation has been received from the **NEW** operator on 2-11-00.

YES 4. The new company has been looked up in the **Department of Commerce, Division of Corporations Database** if the new operator above is not currently operating any wells in Utah. Is the operator registered with the State? **Yes**/No If yes, the company file number is 223515. If no, Division letter was mailed to the new operator on _____.

YES 5. **Federal and Indian Lease Wells.** The BLM or the BIA has approved the merger, name change or **operator change** for all wells listed above involving Federal or Indian leases on 12-3-99.

N/A 6. **Federal and Indian Units.** The BLM or the BIA has approved the successor of unit operator for all wells listed above involving unit operations on _____.

N/A 7. **Federal and Indian Communitization Agreements ("CA").** The BLM or the BIA has approved the operator change for all wells listed above involved in the CA on _____.

-OVER-

YES 8. **Underground Injection Control ("UIC") Program.** The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project and/or for the water disposal well(s) listed above.

YES 9. Changes have been entered in the **Oil and Gas Information System** for each well listed on 6-22-00.

YES 10. Changes have been included on the **Monthly Operator Change letter** on 6-22-00.

STATE BOND VERIFICATION

N/A 1. State Well(s) covered by Bond No. _____.

FEE WELLS - BOND VERIFICATION / LEASE INTEREST OWNER NOTIFICATION

N/A 1. (R649-3-1) The **NEW** operator of any fee lease well(s) listed above has furnished a proper bond.

N/A 2. A **copy of this form** has been placed in the **new and former operator's bond files** on _____.

N/A 3. The **FORMER** operator has requested a release of liability from their bond as of todays date _____? If yes, Division response was made to this request by letter dated _____. (see bond file).

N/A 4. (R649-2-10) The **Former** operator of any Fee lease wells listed above has been contacted and informed by letter dated _____, of their responsibility to notify all interest owners of this change.

N/A 5. Bond information added to **RBDMS** on _____.

N/A 6. Fee wells attached to bond in **RBDMS** on _____.

FILMING

✓ 1. All attachments to this form have been **microfilmed** on APR. 24 2001.

FILING

_____ 1. **Originals/Copies** of all attachments pertaining to each individual well have been filed in each **well file**.

_____ 2. The **original of this form** has been filed in the operator file and a copy in the old operator file.

COMMENTS

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER: Lease # 006829

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER Salt Water Disposal Well

8. WELL NAME and NUMBER: Shell Gov't. # C-2

2. NAME OF OPERATOR: RIM Operating, Inc.

9. API NUMBER: ~~037-05921~~ 43-037-10012

3. ADDRESS OF OPERATOR: 5 Inverness Drive East CITY Englewood STATE CO ZIP 80112

PHONE NUMBER: (303) 799-9828

10. FIELD AND POOL, OR WILDCAT: Recapture Creek Field

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 1,980' FSL - 660' FWL

COUNTY: San Juan

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 20 40S 23E

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
7/16/2001	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: MIT & Step Rate Test.
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

RIM Operating, Inc. is requesting permission to perform a Mechanical Integrity Test to 1,000 psig. If well passes the test successfully, we will then perform a Step Rate Test as per the attached procedure in order to increase the maximum allowable injection pressure.

RECEIVED
JUN 18 2001
DIVISION OF
OIL, GAS AND MINING

NAME (PLEASE PRINT) Oscar L. Peters TITLE Operations Engineer

SIGNATURE Oscar L. Peters DATE 6/14/2001

(This space for State use only) **Approved by the Utah Division of Oil, Gas and Mining**
Date: 6-18-2001
By: D. James

COPY SENT TO OPERATOR
Date: 6-18-01
Initials: CHD

(5/2000)

(See Instructions on Reverse Side)

Step Rate Test

Shell Government #C-2
Recapture Creek Field
San Juan County, Utah

Discussion

The attached procedure is to perform a mechanical integrity test (MIT) of the casing tubing annulus at 1,000 psig, and then perform a step rate test. The reason for the step rate test is to obtain an increased maximum allowable injection pressure for the well and increase daily injection volumes.

Well Data See Attached Wellbore diagram & history.

Procedure:

1. SWI two days prior to test to allow wellhead pressure to bleed down.

2. Set a clean 400-bbl. frac tank on location. Fill with a minimum of 300 bbls. of clean produced water.

3. Notify State of Utah a minimum of 48 hours prior to test. The contact is Mr. Dan Jarvis at (801) 538-5338 in Salt Lake City.

4. RU service company. Fill tubing with produced water. Install working pressure gauge on tubing. Install a second pressure gauge on the casing tubing annulus.

5. NU to backside, fill and pressure backside to 1,000 psig. Close valves to isolate annulus. Monitor pressure for 30 minutes with a chart recorder.

6. If well does not pass the MIT test; discontinue test, release service company and contact Denver Office.

7. After passing the MIT test, bleed pressure off of backside. NU to tubing. Pump a step rate test using the following guidelines and attached sheets.

   - Pump a minimum of two tubing volumes (50 bbls) to insure clean fluid at the perforation face.

Procedure (cont):

- Begin step rate test at lowest rate that can be held constant by the pumps. Ideally the rate should be 0.1 bpm or less. Rate recorder should be placed downstream of any bypass lines to get accurate injection volumes.

- Allow injection pressure to stabilize, and hold at this stabilized pressure for a minimum of 5 minutes. Record stabilized pressure and rate.

- Raise injection rate until pressure stabilizes no more than 300 to 400 psi higher than the previous stabilized injection pressure. Allow pressure to stabilize and record injection rate and pressure.

- Repeat this procedure until a maximum injection pressure of 2,500 psig is reached or the plot of injection rate vs. pressure breaks over.

- Obtain a record of rates and pressures from service company for verification of all data.

- Obtain a sample of injected water and send to a lab for a standard oilfield water analysis. This is required for accurate determination of specific gravity.

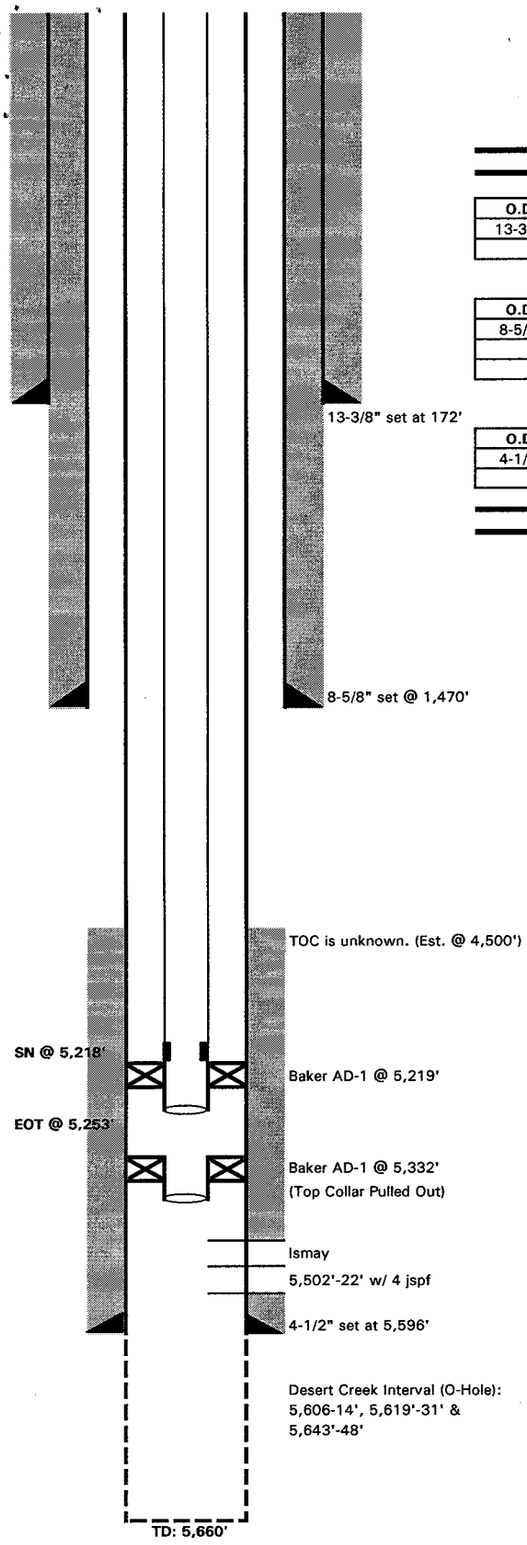
8. RD service company. Empty and release frac tank. Turn well into injection. Forward all data to Denver so that approval from the state can be obtained for a higher injection pressure.

Oscar L. Peters

Oscar L. Peters
Operations Engineer

cc: Well File

WELL: Shell-Government # C-2	COUNTY: San Juan / API #: 43-037-~~05921~~ 10012	
FIELD: Recapture Creek	STATE: Utah	SPUD DATE: 11/21/63
FORMATION: Ismay - Desert Creek	LOCATION: NWSW Sec. 20, T40S-R23E	
TD: 5,660' PBTD: 5,660'	ELEVATION: GL= 4,529', KB= 4,541'	



CASING RECORD

SURFACE CASING

O.D.	WT./FT.	GRADE	THD	TOP	BTM	NO. JTS.	BIT SZ.	SX CMT.	TOP CMT.
13-3/8"	48.0#	H-40		Surface	172		17-1/2"	150	Surface

INTERMEDIATE CASING

O.D.	WT./FT.	GRADE	THD	TOP	BTM	NO. JTS.	BIT SZ.	SX CMT.	TOP CMT.
8-5/8"	24.0#	J-55		Surface	1,470'		11"	350	Surface

Production Casing

O.D.	WT./FT.	GRADE	THD	TOP	BTM	NO. JTS.	BIT SZ.	SX CMT.	TOP CMT.
4-1/2"	10.5#	J-55		Surface	5,596'		7-7/8"	200	Unknown

TUBING

O.D.	WT./FT.	GRADE	THD	TOP	BTM	NO. JTS.	BIT SZ.
2-3/8"	4.6#	J-55	8rd	Surface	5,253'	171	3-7/8"

PERFORATION RECORD

DATE	TOP	BOTTOM	SPF	ZONE	STATUS
08/06/68	5,502'	5,506'	4 jspf	Ismay	Open
08/06/68	5,510'	5,522'	4 jspf	Ismay	Open
10/24/72	5,606'	5,614'	N/A - OH	Dsrt Crk	Open
10/24/72	5,619'	5,631'	N/A - OH	Dsrt Crk	Open
10/24/72	5,643'	5,648'	N/A - OH	Dsrt Crk	Open

TREATMENT

<< See attached well history for completion & workover details. >>

REMARKS

Tubing Detail

170 Jts. of 2-3/8", 4.6# J-55 EUE IPC Tbg.
SN @ 5,218'
Baker AD-1 Tension Packer @ 5,219'
1 Jt. of 2-3/8" tbg. EOT @ 5,253'

Surface Location: 1,980' FSL - 660' FWL

MISCELLANEOUS

RIM WI%:	
BHT:	
BHP:	
EST SITP:	
LOGS:	

CAPACITIES

Tubular Cap.	Bbl/ft	Ft3/ft
Tubing (2-3/8")	0.00387	0.02173
Casing (10.5#/ft)	0.01594	0.08950

Annular Cap.	Bbl/ft	Ft3/ft
Tbg x Csg	0.01046	0.05870
8-5/8" x 4-1/2"	0.04206	0.23617
Csg x Open Hole	0.04057	0.22779

TUBULAR GOODS PERFORMANCE

Material	Tensile (lbs)	Burst (psi)	Collapse (psi)	ID (in)	Drift (in)
4-1/2",10.5 # J-55 ST&C	132,000	4,790	4,010	4.052	3.927
2-3/8",4.7# J-55 8rd Coupling OD = 3.063"	71,730	7,700	8,100	1.995	1.901

Prepared By: O.L. Peters
Date: 06/06/01
Updated: 06/14/01

WELL: Shell-Government # C-2	COUNTY: San Juan / API #: 43-037-~~05921~~ 10012	
FIELD: Recapture Creek	STATE: Utah	SPUD DATE: 11/21/63
FORMATION: Ismay - Desert Creek	LOCATION: NWSW Sec. 20, T40S-R23E	
TD: 5,660' PBTD: 5,660'	ELEVATION: GL= 4,529', KB= 4,541'	

Date	Work Description
Dec-63	Well was abandoned as a dryhole after a DST in the Ismay & poor sample shows and O-H logs in the Desert Creek Formation.
Aug-68	Well was re-entered and 4-1/2" casing was ran. The well was completed as an Ismay oil well. IPP was 143 bo/d, 110 mcf/d & 157 bw/d on 7/28/68.
04/15/70	Approval received from the USGS to convert the well to SWD.
May-70	Well was converted to SWD in the Ismay Formation.
Oct-72	Well began to pressure up. MIRU workover rig. Drilled out and deepened well to 5,660'. Completed the Desert Creek openhole. Began disposing into both the Ismay and Desert Creek Formation.
11/03/90	Pressure on backside. MIRU rig. TOOH with tubing. Got out with tubing, SN and a collar with left hand threads. Baker AD-1 left in hole. RIH w/impression block on sandline. Block stopped at 5,332', POOH no marks on block. Hydrotested tubing found several leaks in string. Set Baker AD-1 at 5,326'. Return to injection.
08/02/96	Pressure on backside. CP=250 psi, TP = slight vacuum. MIRU WO rig. Bled off casing pressure (30 min (?)). TOOH with tubing, LD 3 jts. with visible holes. Hydrotested in hole to 5,000 psi. TIH w/AD-1, 1 jt, SN, 152 jts. of 2-3/8", 4.6#, J-55 IPC tubing. Blew 18 jts. of tubing with hydrotester on TIH. Tested backside to 680 psi.
05/15/98	Samson Resources Co. submitted a sundry notice requesting that the maximum injection pressure be raised to 600 psig. The sundry notice was submitted to the State of Utah - not the BLM. No record of approval of said request found in the file.

RIM OPERATING, INC.
5 Inverness Drive East
Englewood, Colorado 80112
(303) 799-9828 x 303
(303) 799-4259 FAX

Mr. Dan Jarvis
Utah Division of Oil, Gas and Mining
1594 West North Temple
Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

June 14, 2001

Re: MIT & Step Rate Test Request
Shell Gov't. #C-2 SWD Well
Recapture Creek Field
San Juan County, Utah

Dear Mr. Jarvis:

As we discussed earlier today, enclosed please find a sundry notice, procedure and wellbore diagram for a MIT and step rate test on the Shell Gov't. # C-2 SWD well.

If you have any questions or concerns after reviewing the enclosed data, please contact me at (303) 799-9828 ext. 303 to discuss.

Thanks for your time and help on this well.

Sincerely,

Oscar L. Peters
Operations Engineer

Enclosures

RECEIVED
JUN 18 2001
DIVISION OF
OIL, GAS AND MINING

Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

5. Lease Serial No.
006829

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other

8. Well Name and No.
Shell Government C-2

2. Name of Operator
RIM Operating

9. API Well No.
43-037-~~05921~~ 10012

3a. Address 5 Inverness Drive East
Englewood, CO 80112

3b. Phone No. *(include area code)*
(303)799-9828

10. Field and Pool, or Exploratory Area
Recapture Creek

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
1980 FSL, 660 FWL
NWSW Sec. 20 - T40S-R23E
San Juan County, Utah

11. County or Parish, State
San Juan, Utah

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Step Rate Test
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Step Rate Test conducted on 9/19/01 to obtain higher injection rate and pressure approval from State of Utah. Test data and graph are enclosed. RIM Operating requests approval for injection pressure up to 2400 psig and rates of up to 6000 BWPD.

COPY SENT TO OPERATOR
Date: 10-10-01
Initials: CHD

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 10-6-01
BY: [signature]
2400#

RECEIVED
SEP 26 2001
DIVISION OF OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)* W. J. Holcomb
Title Agent
Signature [signature]
Date 9/20/01

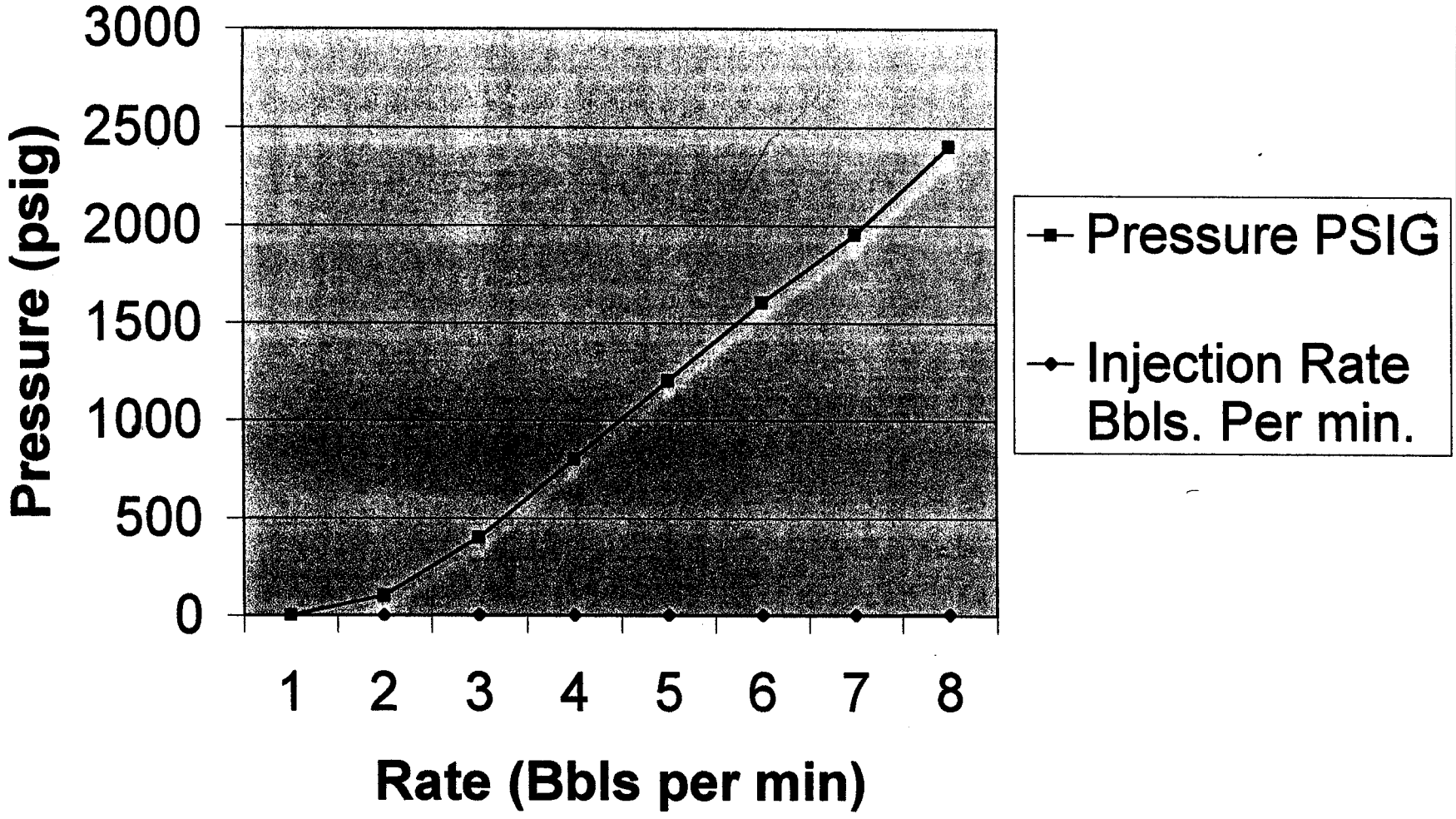
THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by
Title
Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

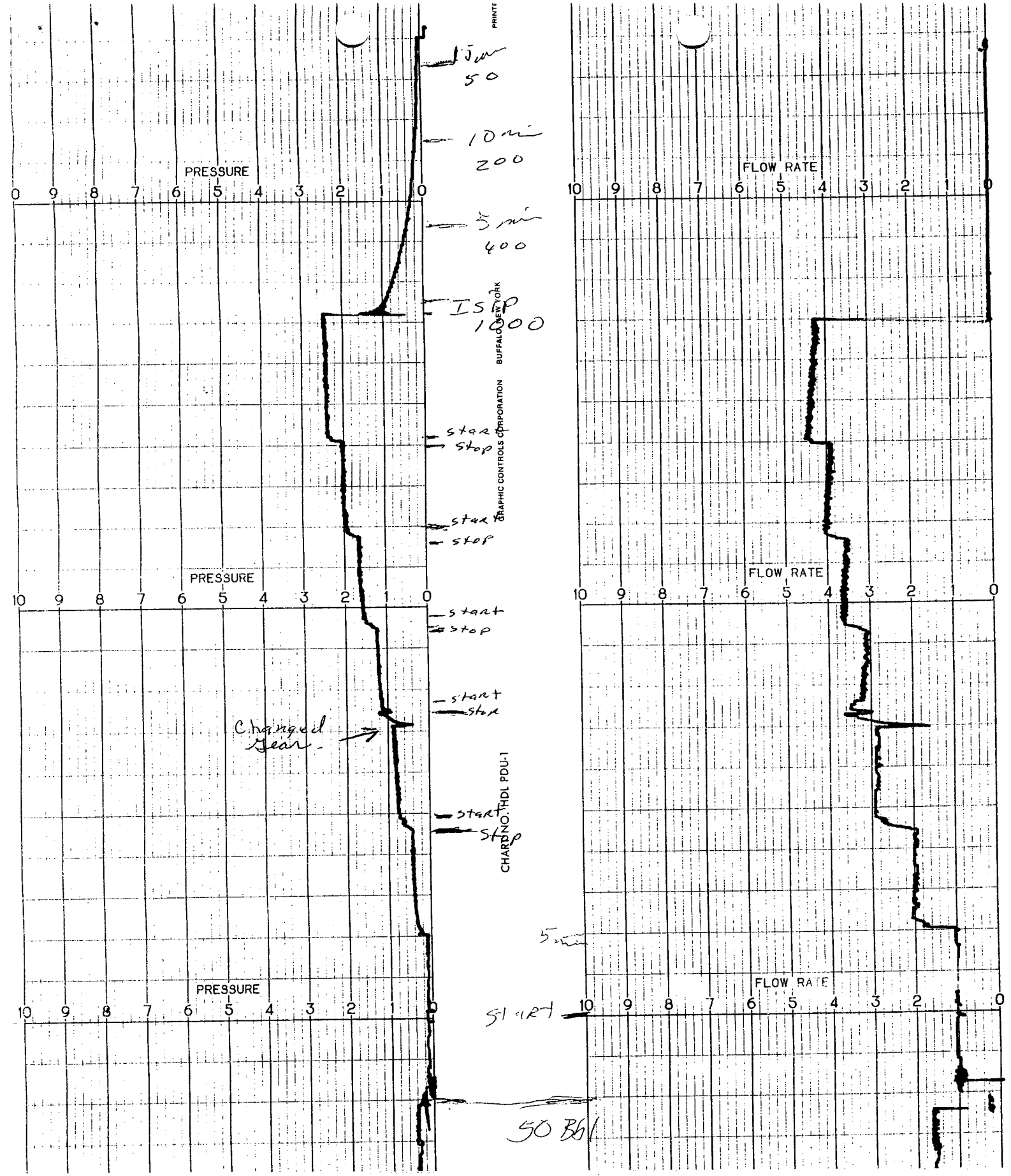
Step Rate Test Shell Gov't C-2

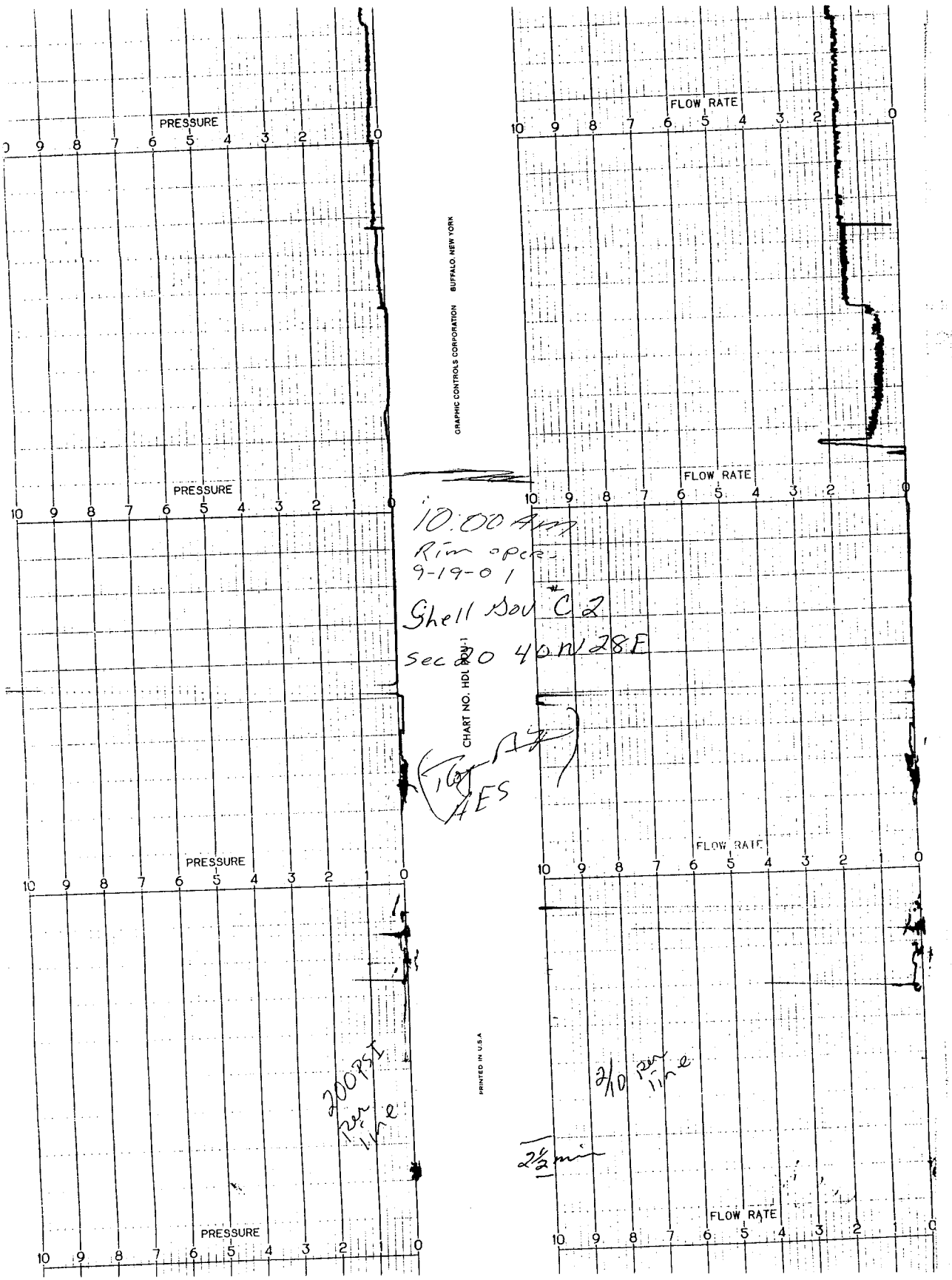


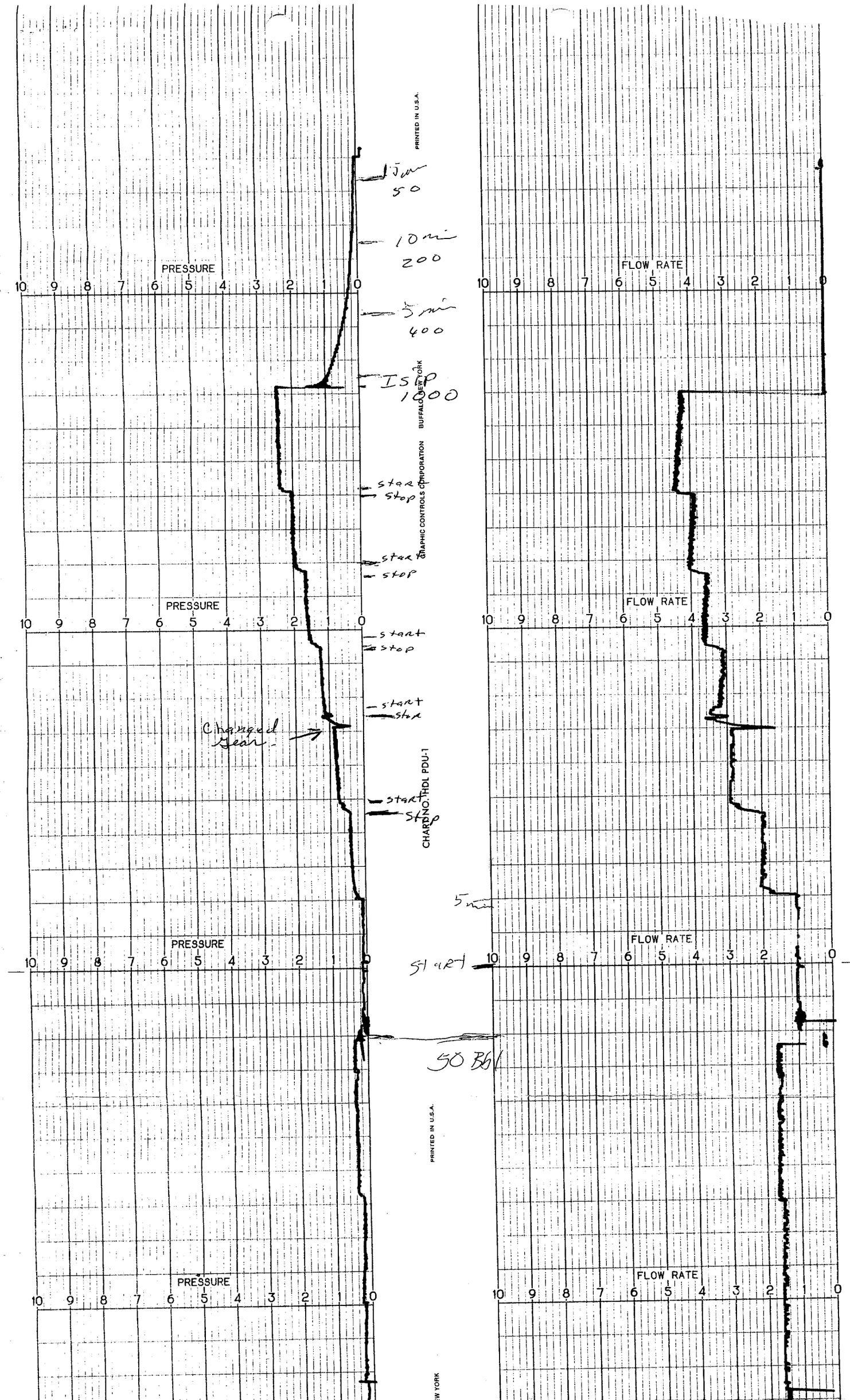
Shell Government C-2
Step Rate Test Data

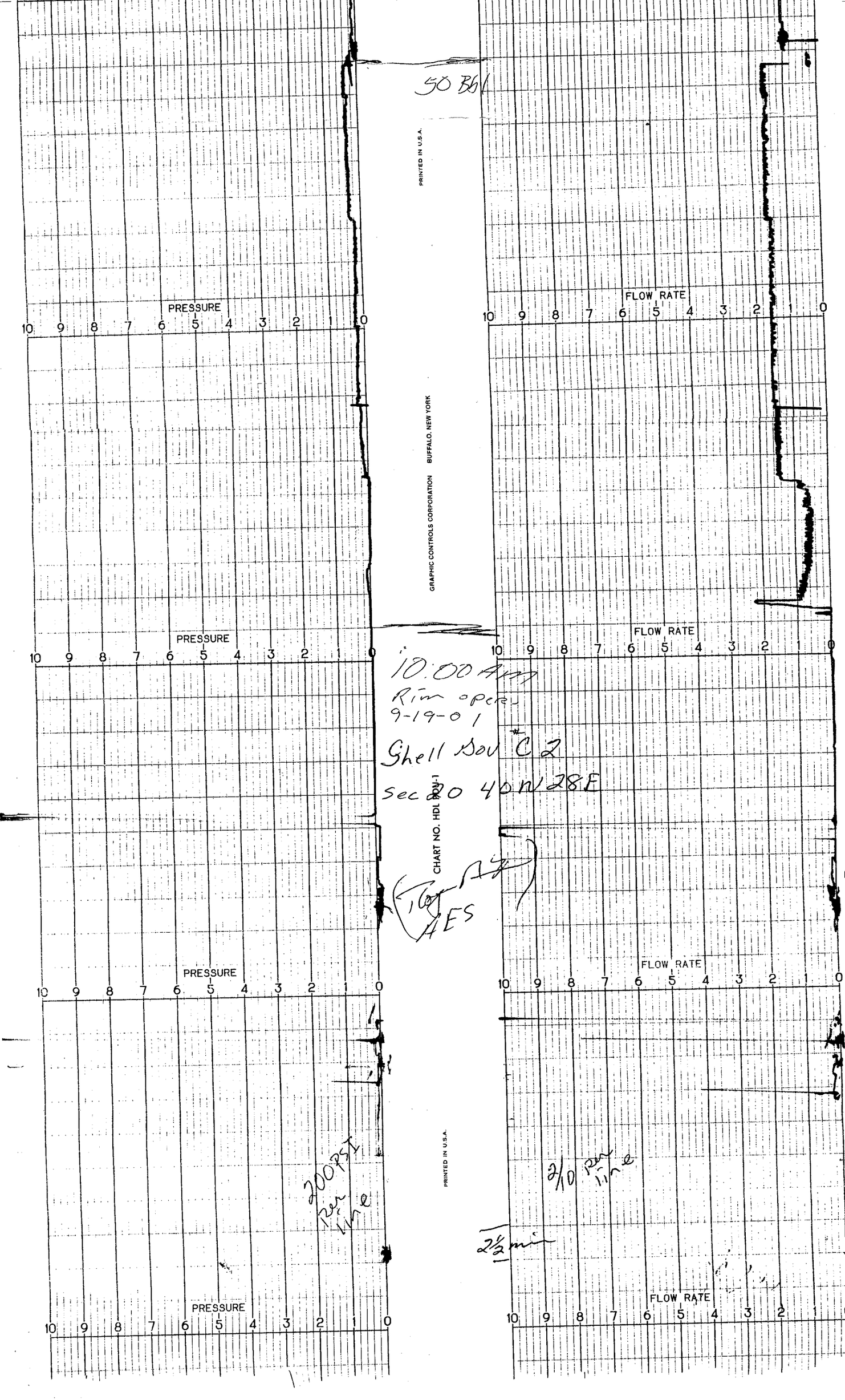
Injection Rate Bbls. Per min.	Pressure PSIG	Pump Time (min)	Volume Pumped (Bbls)	Total Pumped (Bbls)	FL/1000'	
1	100	5	5	5		
2	400	5	10	15	6.2	337#
2.9	800	5	14.5	29.5	13	708
3.2	1200	5	16	45.5	15	887
3.6	1600	5	18	63.5	20	1090
4	1950	5	20	83.5	23	1253
4.4	2400	5	22	105.5	29	1580

pkr
4b 2 3/8 5150'


PRINTE
BUFFALO NEW YORK
GRAPHIC CONTROLS CORPORATION
CHART NO. HDL PDU-1
PRESSURE
FLOW RATE
1 min
50
10 min
200
5 min
400
ISIP
1000
start
stop
start
stop
start
stop
start
stop
Changed Gear
start
stop
5 min
SI start
50 Bbl


PRESSURE
FLOW RATE
GRAPHIC CONTROLS CORPORATION BUFFALO, NEW YORK
CHART NO. HDL PDU-1
PRINTED IN U.S.A.
10:00 AM
Rim open
9-19-01
Shell Sou #C2
sec 20 40N 28E
AES
200PSI per line
2/10 per line
2½ min


PRESSURE
FLOW RATE
PRINTED IN U.S.A.
BUFFALO, NEW YORK
GRAPHIC CONTROLS CORPORATION
CHART NO. THDL PDU-1
5 min
50
10 min
200
5 min
400
ISIP
1000
start
stop
start
stop
start
stop
Changed gear
start
stop
start
stop
5 min
start
50 Bbl


50 Bbl
PRESSURE
FLOW RATE
10 9 8 7 6 5 4 3 2 1 0
PRINTED IN U.S.A.
GRAPHIC CONTROLS CORPORATION BUFFALO, NEW YORK
CHART NO. HDL 200-1
10:00 Am
Rim open
9-19-01
Shell Gov C 2
Sec 20 40N 28E
(Top 1/4)
AES
200PSI per line
2/10 per line
2½ min

Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

5. Lease Serial No.
006829

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other

8. Well Name and No.
Shell Government C-2

2. Name of Operator
Rim Operating

9. API Well No.
43-037-~~05921~~ 10012

3a. Address 5 Inverness Drive East
Englewood, CO 80112

3b. Phone No. *(include area code)*
(303)799-9828

10. Field and Pool, or Exploratory Area Ismay
Recapture Creek- Dssrt Creek

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
1980 FSL, 660 FWL
NWSW Sec. 20, T40S-R23E
San Juan County, UT

11. County or Parish, State
San Juan, Utah

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☒ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other _____
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Mechanical Integrity Test was performed 9/19/01, casing pressured to 1160 psig with 0 (zero) pressure on the tubing (guage); packer set at 5221' pressure held for 40 minutes; test o.k. (see attached chart).

RECEIVED
SEP 26 2001
DIVISION OF
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)*
W. J. Holcomb

Title Agent

Signature

Date 9/20/01

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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Office

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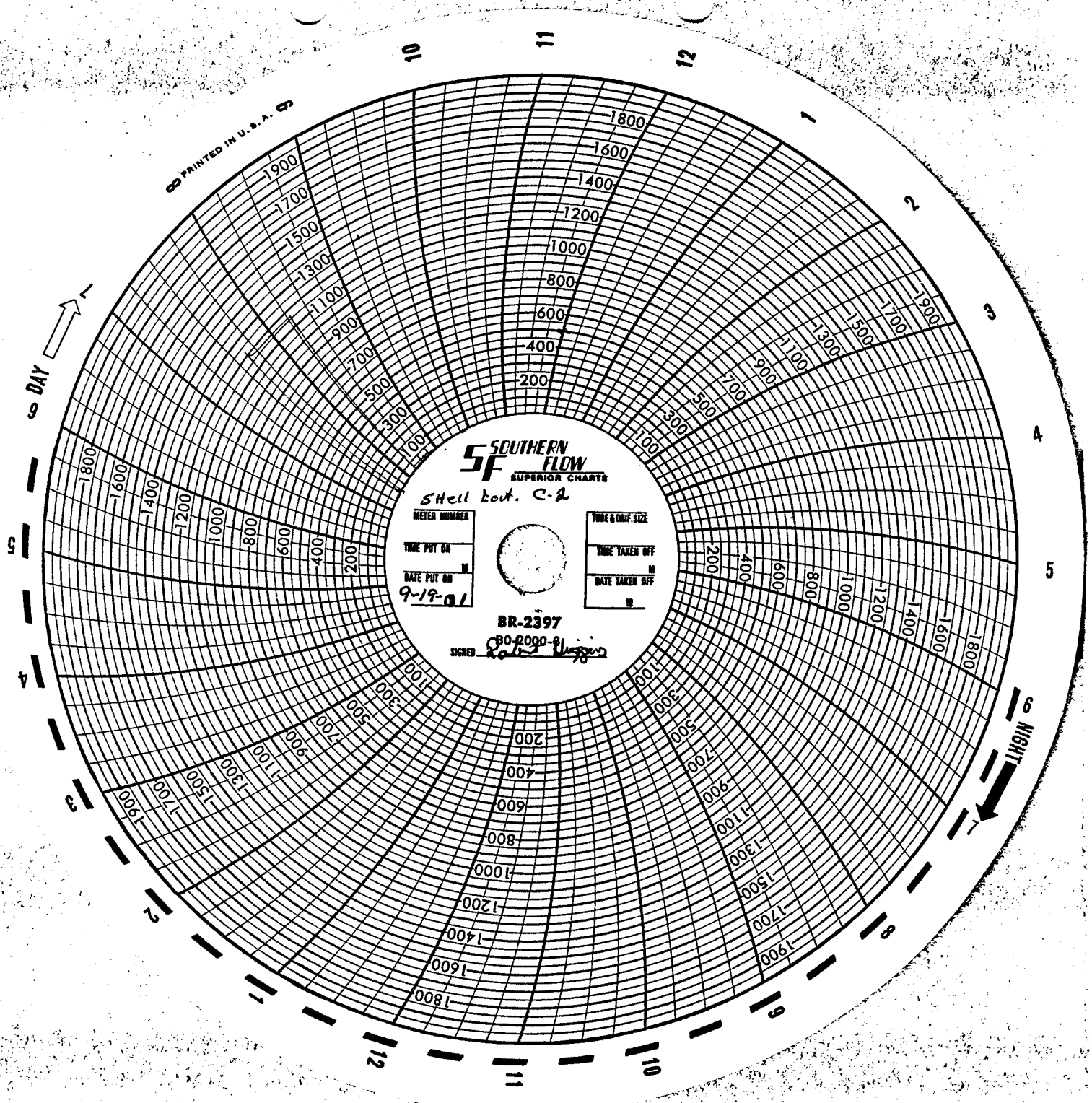
PRINTED IN U.S.A.
DAY
NIGHT
SOUTHERN FLOW
SUPERIOR CHARTS
Shell Lout. C-2
METER NUMBER
TIME PUT ON
DATE PUT ON
9-19-01
TIME & ORIF. SIZE
TIME TAKEN OFF
DATE TAKEN OFF
BR-2397
BO-2000-8
SIGNED

Robert Higgins
Roger Nixon (AES)

STA. NO. M.I.T. + step rate test
COMPANY Rim Operating
LOCATION Sitch Lout. C-2

CHART	DATE	TIME	ORIFICE SIZE
PLACED ON →	9-19-01		
REMOVED →			

CUST	FLD	MET

SF-2

SOUTHERN FLOW
COMPUTER - DATA PROCESSING
HOUSTON - LAFAYETTE - NEW ORLEANS

Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

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SUBMIT IN TRIPLICATE - Other instructions on reverse side

5. Lease Serial No.
006829

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other

8. Well Name and No.
Shell Government C-2

2. Name of Operator
Rim Operating

9. API Well No.
43-037-~~05921~~ 10012

3a. Address 5 Inverness Drive East
Englewood, CO 80112

3b. Phone No. *(include area code)*
(303)799-9828

10. Field and Pool, or Exploratory Area Ismay
Recapture Creek- Dssrt Creek

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
1980 FSL, 660 FWL
NWSW Sec. 20, T40S-R23E
San Juan County, UT

11. County or Parish, State
San Juan, Utah

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☒ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other _____
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Mechanical Integrity Test was performed 9/19/01, casing pressured to 1160 psig with 0 (zero) pressure on the tubing (guage); packer set at 5221' pressure held for 40 minutes; test o.k. (see attached chart).

RECEIVED
FEB 20 2002
DIVISION OF
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)*
W. J. Holcomb

Title Agent

Signature

Date 9/20/01

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by | Title | Date

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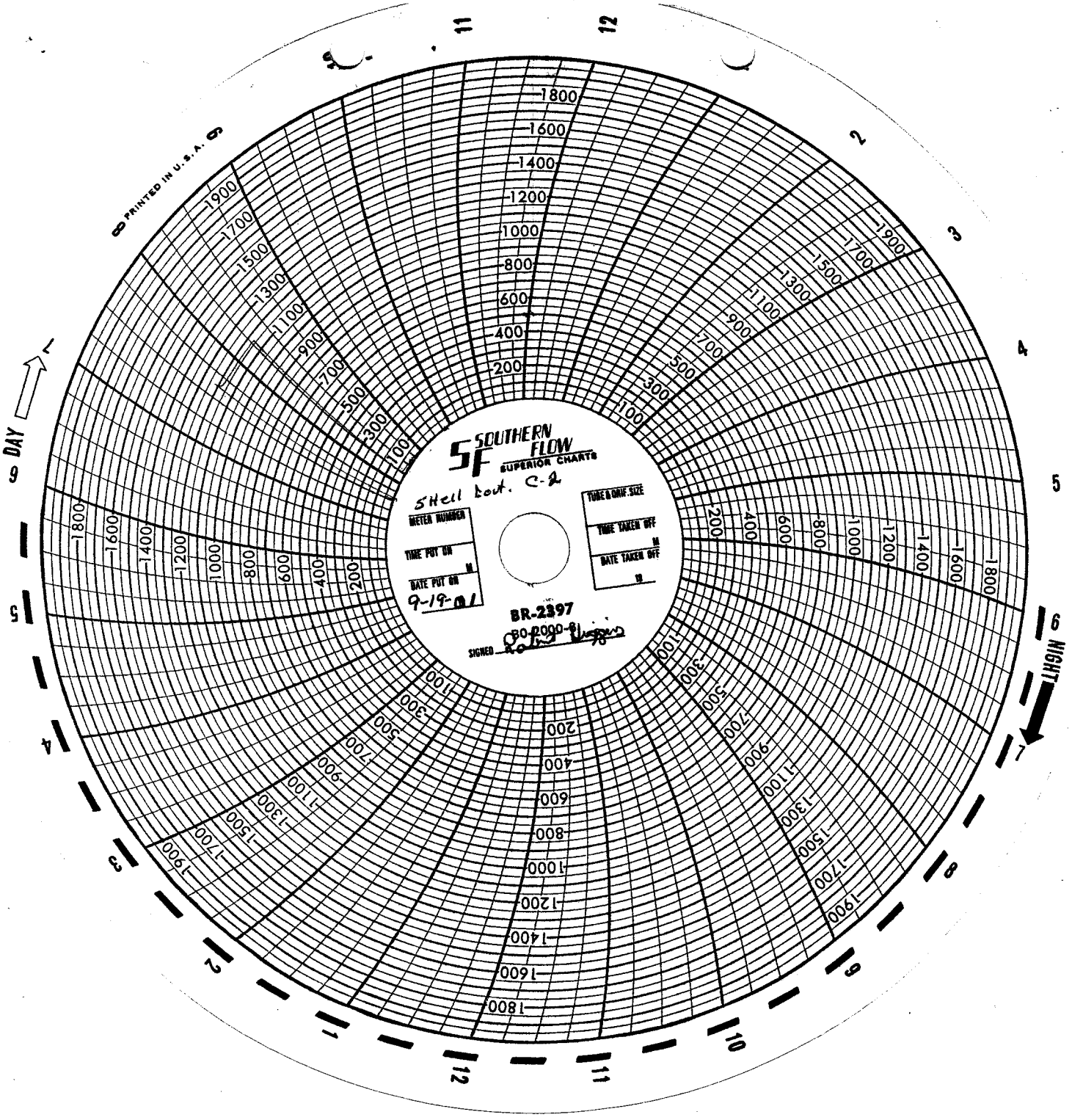
PRINTED IN U.S.A.
SOUTHERN FLOW
SUPERIOR CHARTS
Shell Lout. C-2
METER NUMBER
TIME PUT ON
DATE PUT ON
9-19-01
TUBE & ORIF. SIZE
TIME TAKEN OFF
DATE TAKEN OFF
BR-2397
SIGNED
DAY
NIGHT

Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

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SUBMIT IN TRIPLICATE - Other instructions on reverse side

5. Lease Serial No.
006829

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other

8. Well Name and No.
Shell Government C-2

2. Name of Operator
RIM Operating

9. API Well No.
43-037-~~05921~~ 10012

3a. Address 5 Inverness Drive East
Englewood, CO 80112

3b. Phone No. *(include area code)*
(303)799-9828

10. Field and Pool, or Exploratory Area
Recapture Creek

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
1980 FSL, 660 FWL
NWSW Sec. 20 - T40S-R23E
San Juan County, Utah

11. County or Parish, State
San Juan, Utah

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Step Rate Test
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

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Step Rate Test conducted on 9/19/01 to obtain higher injection rate and pressure approval from State of Utah. Test data and graph are enclosed. RIM Operating requests approval for injection pressure up to 2400 psig and rates of up to 6000 BWPD.

RECEIVED
FEB 20 2002
DIVISION OF
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)* W. J. Holcomb — Title Agent

Signature — Date 9/20/01

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by — Title — Date

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9/19/2001 - Mechanical Integrity Test performed, casing pressured to 1160 psig with 0 (zero) pressure on the tubing (gauge); packer set at 5221' pressure held for 40 minutes; test o.k. (see attached Sundry Notice and chart)

9/19/2001 - Step Rate Test conducted on 9/19/2001 to obtain higher injection rate and pressure approval from State of Utah. Requested approval for injection pressure up to 2400 psig and rates of up to 6000 BWPD. (see attached Sundry Notice)

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER: 006829

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER Salt Water Disposal

8. WELL NAME and NUMBER: Shell Gov't #C-2

2. NAME OF OPERATOR: RIM Operating, Inc.

9. API NUMBER: 43-037-~~05921~~ 10012

3. ADDRESS OF OPERATOR: 5 Inverness Drive East, Englewood, CO 80112

PHONE NUMBER: 303-799-9828

10. FIELD AND POOL, OR WILDCAT: Recapture Creek

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 1980' FSL & 660' FWL

COUNTY: San Juan

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NW SW Section 20-40S-23E

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☒ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: 1/31/04	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☒ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER:
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Tubing integrity was lost on the morning of 1/30/04. The casing and tubing pressure was 600 psi. We have shut down injection and are presently trying to locate a Service Rig to repair the tubing. We will notify you 24 hours prior to conducting an integrity test to recommence injection.

RECEIVED
JAN 30 2004
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT): Carrol Brand TITLE: Engineering Technician

SIGNATURE: Carol Brand DATE: 1/30/04

(This space for State use only)

(5/2000) (See Instructions on Reverse Side)

THE RIM COMPANIES

5 Inverness Drive East
Englewood, Colorado 80112
(303) 799-9828
(303) 799-4259 fax

Fax

To: Lisha Cordova
From: Carrol Brand - RIM Operating
Fax: 1-801-359-3940
Pages:
Phone:
Date:
RE:
CC:

☐ Urgent ☑ For Review ☐ Please Comment ☐ Please Reply ☐ Please Recycle

COMMENTS:

Lisha,

If you have any questions or comments, please let me know. My telephone number is (303) 799-9828 ext. 304

Thanks,

Carol

RECEIVED
JAN 30 2004
DIV. OF OIL, GAS & MINING

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER: 006829

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER Salt Water Disposal

8. WELL NAME and NUMBER: Shell Gov't #C-2

2. NAME OF OPERATOR: RIM Operating, Inc.

9. API NUMBER: 43-037-~~05921~~ 10012

3. ADDRESS OF OPERATOR: 5 Inverness Drive East, Englewood, CO 80112

PHONE NUMBER: 303-799-9828

10. FIELD AND POOL, OR WILDCAT: Recapture Creek

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 1980' FSL & 660' FWL

COUNTY: San Juan

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NW SW Section 20-40S-23E

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☒ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: 1/31/04	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☒ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER:
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Tubing integrity was lost on the morning of 1/30/04. The casing and tubing pressure was 600 psi. We have shut down injection and are presently trying to locate a Service Rig to repair the tubing. We will notify you 24 hours prior to conducting an integrity test to recommence injection.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY

NAME (PLEASE PRINT): Carrol Brand

TITLE: Engineering Technician

SIGNATURE: Carol Brand

DATE: 1/30/04

(This space for State use only)

RECEIVED
FEB 0 5 2004
DIV. OF OIL, GAS & MINING

(5/2000)

(See Instructions on Reverse Side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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5. LEASE DESIGNATION AND SERIAL NUMBER: 006829
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME:
8. WELL NAME and NUMBER: Shell Gov't #C-2
9. API NUMBER: 43-037-10012*
10. FIELD AND POOL, OR WILDCAT: Recapture Creek

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER Salt Water Disposal
2. NAME OF OPERATOR: RIM Operating, Inc.
3. ADDRESS OF OPERATOR: 5 Inverness Drive East CITY Englewood STATE CO ZIP 80112 PHONE NUMBER: 303-799-9828
4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1980' FSL - 660' FWL COUNTY: San Juan
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 20 40S 23E STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
[X] NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: 1/31/04	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	[X] TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER:
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. **DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.**

Tubing integrity was lost on the morning of 1/30/04. The casing and tubing pressure was 600 psi. We have shut down injection and are presently trying to locate a Service Rig to repair the tubing. We will notify you 24 hours prior to conducting an integrity test to recommence injection.

*Corrected API no. which was incorrect on prior submittal.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY

RECEIVED
FEB 0 6 2004
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Carrol Brand TITLE Engineering Technician
SIGNATURE Carol Brand DATE 2/4/2004

(This space for State use only)

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER: 006829

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER Salt Water Disposal Well

8. WELL NAME and NUMBER: Shell Gov't #C-2

2. NAME OF OPERATOR: RIM Operating, Inc.

9. API NUMBER: 43-037-10012

3. ADDRESS OF OPERATOR: 5 Inverness Drive East CITY Englewood STATE CO ZIP 80112 PHONE NUMBER: 303-799-9828

10. FIELD AND POOL, OR WILDCAT: Recapture Creek

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 1980' FSL - 660' FWL COUNTY: San Juan

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 20 40S 23E STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☒ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
2/19/04	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☒ OTHER: Mechanical Integrity
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

As notified tubing integrity was lost on the morning of 1/30/2004. We moved a service rig on location. Scanned tubing out of hole _ replaced 20 jts. Tripped back in with Mdl R-3 packer. Set packer @ 5238.84'. We could not establish casing integrity. POOH. Ran in w/bridge plug and packer. Isolated casing leak from 3247' to 3279'. We were unable to establish enough injection rate to have much success in squeezing the leak with cement. We received approval to isolate the leak with a liner. A 2 7/8" liner was set over the leak. The liner was set between 4 1/2 x 2 1/2 Weatherford SLP packers from 3213' to 3376'. Below this was set a 4 1/2 Arrowset 1X packer @ 5347' with a T-26K on/off tool. The tubing string was then run. 69 jts. (2205.39') 2 1/16' EUE tbg. _95 jts. (3077.61') (plus 1 - 8' _2 - 2' subs) 2 3/8' 4.6#/ft EUE tbg. The well head was rigged up and the casing/tubing annulus was tested to 1100 psi for 30 minutes with no leak off on 2/19/2004. (Attached wellbore diagram and pressure chart)

RECEIVED
MAR 0 8 2004
DIV. OF OIL, GAS & MINING

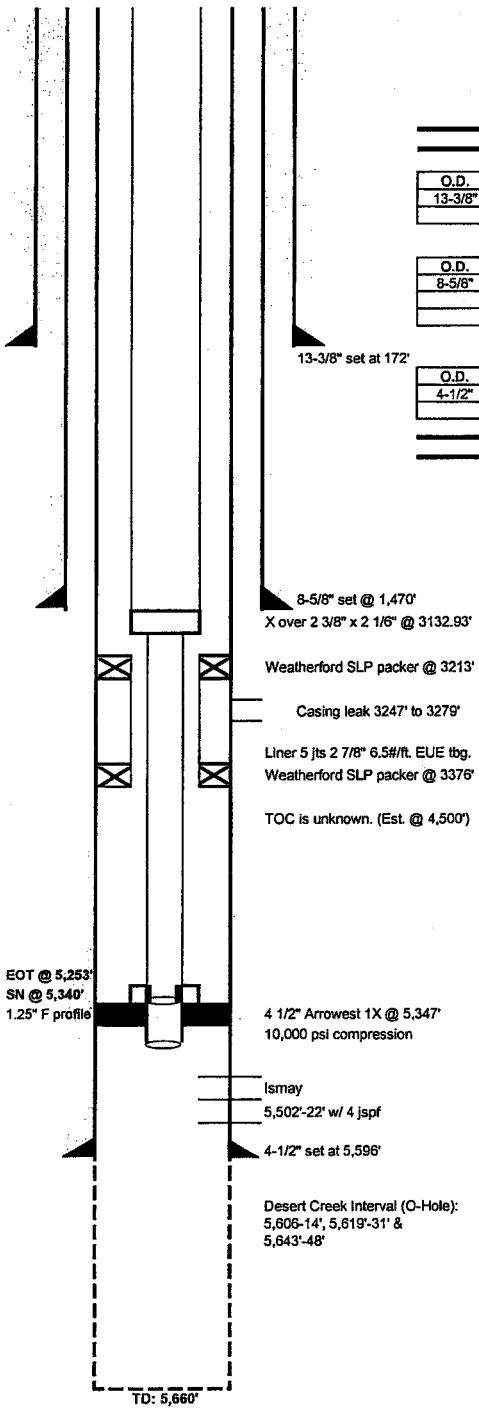
NAME (PLEASE PRINT) Ken Kundrik TITLE Operations Engineer

SIGNATURE Kenneth J. Kundrik DATE 3/5/2004

(This space for State use only)

(5/2000) (See Instructions on Reverse Side)

WELL: Shell-Government # C-2 COUNTY: San Juan / API #: 43-037-10012
FIELD: Recapture Creek STATE: Utah SPUD DATE: 11/21/63
FORMATION: Ismay - Desert Cre LOCATION: NWSW Sec. 20, T40S-R23E
TD: 5,660' PBTD: 5,660' ELEVATION: GL= 4,529', KB= 4,541'



CASING RECORD

SURFACE CASING

O.D.	WT./FT.	GRADE	THD	TOP	BTM	NO. JTS.	BIT SZ.	SX CMT.	TOP CMT.
13-3/8"	48.0#	H-40		Surface	172		17-1/2"	150	Surface

INTERMEDIATE CASING

O.D.	WT./FT.	GRADE	THD	TOP	BTM	NO. JTS.	BIT SZ.	SX CMT.	TOP CMT.
8-5/8"	24.0#	J-55		Surface	1,470'		11"	350	Surface

Production Casing

O.D.	WT./FT.	GRADE	THD	TOP	BTM	NO. JTS.	BIT SZ.	SX CMT.	TOP CMT.
4-1/2"	10.5#	J-55		Surface	5,596'		7-7/8"	200	Unknown

TUBING

O.D.	WT./FT.	GRADE	THD	TOP	BTM	NO. JTS.	BIT SZ.
2-3/8"	4.6#	J-55	8rd	Surface	5,253'	171	3-7/8"

PERFORATION RECORD

DATE	TOP	BOTTOM	SPF	ZONE	STATUS
08/06/68	5,502'	5,506'	4 jspf	Ismay	Open
08/06/68	5,510'	5,522'	4 jspf	Ismay	Open
10/24/72	5,606'	5,614'	N/A - OH	Dsrt Crk	Open
10/24/72	5,619'	5,631'	N/A - OH	Dsrt Crk	Open
10/24/72	5,643'	5,648'	N/A - OH	Dsrt Crk	Open

TREATMENT

<< See attached well history for completion & workover details. >>

REMARKS

Tubing Detail		*Liner Detail*	
KB	12'		
1- 2 3/8" 4.6#/ft EUE J-55	31.32'	Weatherford SLP packer Top (2.6')	3213'
1 - 8' & 2 - 2' subs	12'	5 jts - 2 7/8" 6.5#/ft. EUE	156.25'
94 - 2 3/8" 4.6#/ft EUE J-55	3077.61'	Weatherford SLP packer Bottom (4	3376'
X -Over 2 3/8" x 2 1/16"	.83'	Total Length 163.5'	
69 jts 2 1/16" 3.25#/ft EUE	2205.39'		
Seal Nipple w/ 1.25 F Profile	.85'	Top Packer has J- Lach, to retrieve J- Lach in	
Arrowset Packer w/ T-2 6K	5340'	pull 1000' tension rotate to right to unseat. Top	
on off Tool		Packer will release first . Pick up more tension	
BO Packer	5347'	an rotate to right to release bottom.	

Surface Location: 1,980' FSL - 660' FWL
MIP - 2400 psi, Rate Limitation 6000 bwpd

MISCELLANEOUS

RIM Wt%:	
BHT:	
BHP:	
EST SITP:	
LOGS:	

CAPACITIES

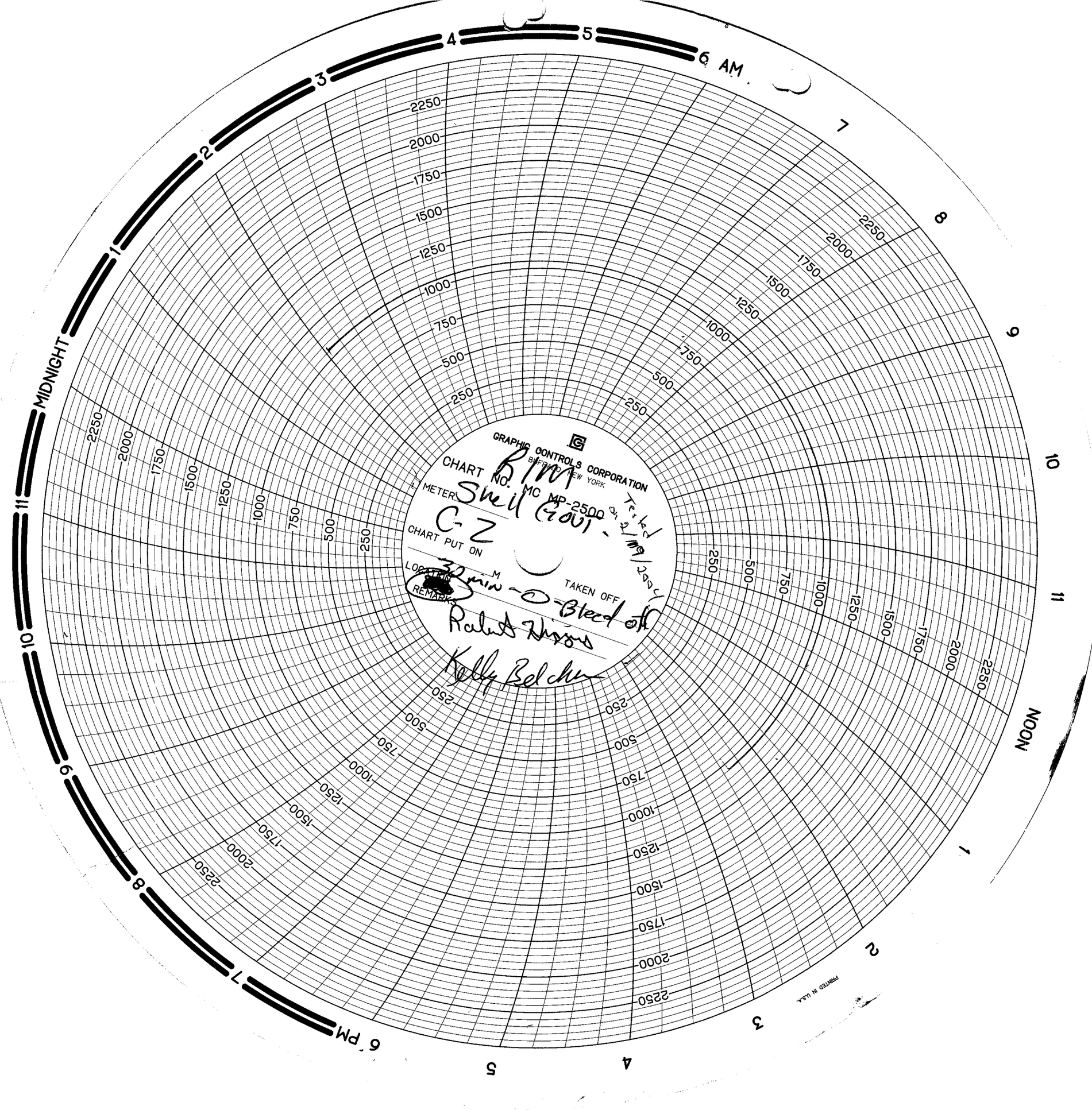
Tubular Cap.	Bbl/ft	Ft3/ft
Tubing (2-3/8")	0.00387	0.02173
Casing (10.5#/ft)	0.01594	0.08950

Annular Cap.	Bbl/ft	Ft3/ft
Tbg x Csg	0.01046	0.05870
8-5/8" x 4-1/2"	0.04206	0.23617
Csg x Open Hole	0.04057	0.22779

TUBULAR GOODS PERFORMANCE

Material	Tensile (lbs)	Burst (psi)	Collapse (psi)	ID (in)	Drift (in)
4-1/2",10.5 # J-55 ST&C	132,000	4,790	4,010	4.052	3.927
2-3/8",4.7# J-55 8rd Coupling OD = 3.063"	71,730	7,700	8,100	1.995	1.901

Prepared By: KJK
Date: 06/06/01
Updated: 03/05/04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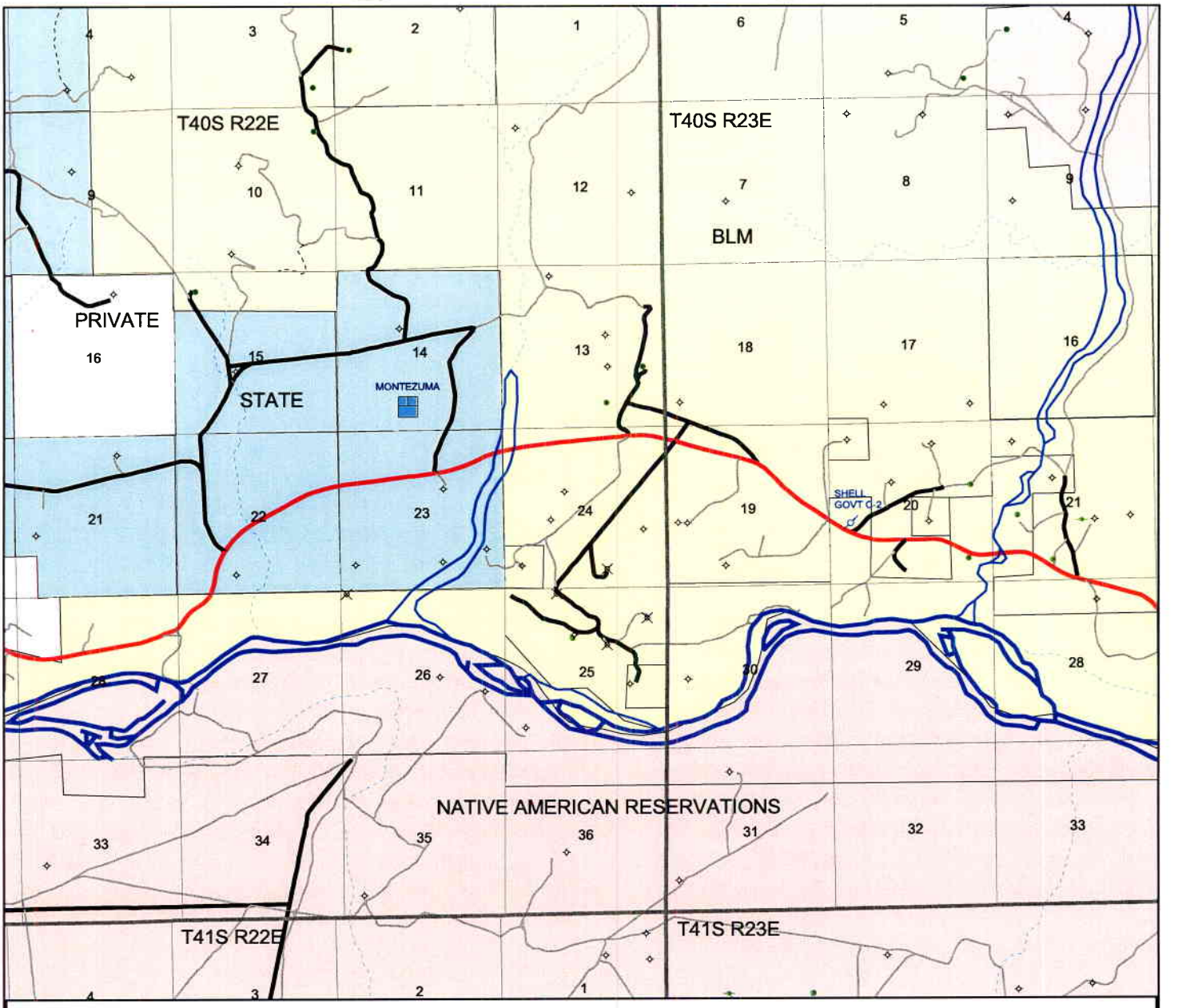

Legend

Wells
- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL

County Boundary

Field Status
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED
- Sections

Utah Oil Gas and Mining

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S

Prepared by: Lisha Cordova
Date: March 9, 2004

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER: 006829
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME:
8. WELL NAME and NUMBER: Shell Gov't #C-2
9. API NUMBER: 43-037-10012
10. FIELD AND POOL, OR WILDCAT: Recapture Creek

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER Salt Water Disposal
2. NAME OF OPERATOR: RIM Operating, Inc.
3. ADDRESS OF OPERATOR: 5 Inverness Drive East CITY Englewood STATE CO ZIP 80112 PHONE NUMBER: 303-799-9828
4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1980' FSL - 660' FWL COUNTY: San Juan
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 20 40S 23E STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
[X] NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
7/6/05	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	[X] TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER:
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. **DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.**

Tubing integrity was lost on the morning of 7/05/05. The casing and tubing pressure was 800 psi. We have shut down injection and are presently trying to locate a Service Rig to repair the tubing. We will notify you 24 hours prior to conducting an integrity test to recommence injection.

Accepted by the
Utah Division of
Oil, Gas and Mining
Date: 07-11-05
By: [signature]

COPY SENT TO OPERATOR
Date: 7-11-05
Initials: CHD

NAME (PLEASE PRINT) Carrol Brand TITLE Engineering Technician
SIGNATURE Carol Brand DATE 7/6/2005

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JUL 08 2005
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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5. LEASE DESIGNATION AND SERIAL NUMBER: 006829

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER Salt Water Injection Well

8. WELL NAME and NUMBER: Shell Gov't #C-2

2. NAME OF OPERATOR: RIM Operating, Inc.

9. API NUMBER: 43-037-10012

3. ADDRESS OF OPERATOR: 5 Inverness Dr E (CITY) Englewood (STATE) CO (ZIP) 80112 PHONE NUMBER: (303)799-9828

10. FIELD AND POOL, OR WILDCAT: Recapture Creek

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 1980' FSL & 660' FWL

COUNTY: San Juan

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW ~~29~~ 20 40S 23E

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
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	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
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	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☒ OTHER: Mechanical Integrity
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

As notified, tubing integrity was lost 7/5/05. We moved a service rig on location 7/8/05. Found hole in tubing one in 2-3/8" at 1700'. Ran back in hole with packer and plug isolated casing leaks from 3247' to 3279' again. Reset Arrowset 1x packer @5343.79'. Isolated casing leaks with 4-1/2" SLP packers at 3180.43' & 3376.93' & 6 jts 2-7/8" 6.5#/ft EUE tubing. Ran BHA as follows: Arrowset T-26K on/off tool, seating nipple 1.5" ID, 69 jts 2-1/16" IJ tubing, 2-3/8" x 2-1/16" xover, 95 jts 2-3/8" 4.7#/ft EUE tubing, 1 jt 8' 2-3/8" 4.7#/ft EUE tubing, 1 jt 2-3/8" 4.7#/ft EUE tubing. Conducted casing integrity test to 1050 psig, no drop off in 30 minutes. (Attached wellbore diagram and pressure charts.)

NAME (PLEASE PRINT) Carrol Brand

TITLE Engineering Technician

SIGNATURE Carol Brand

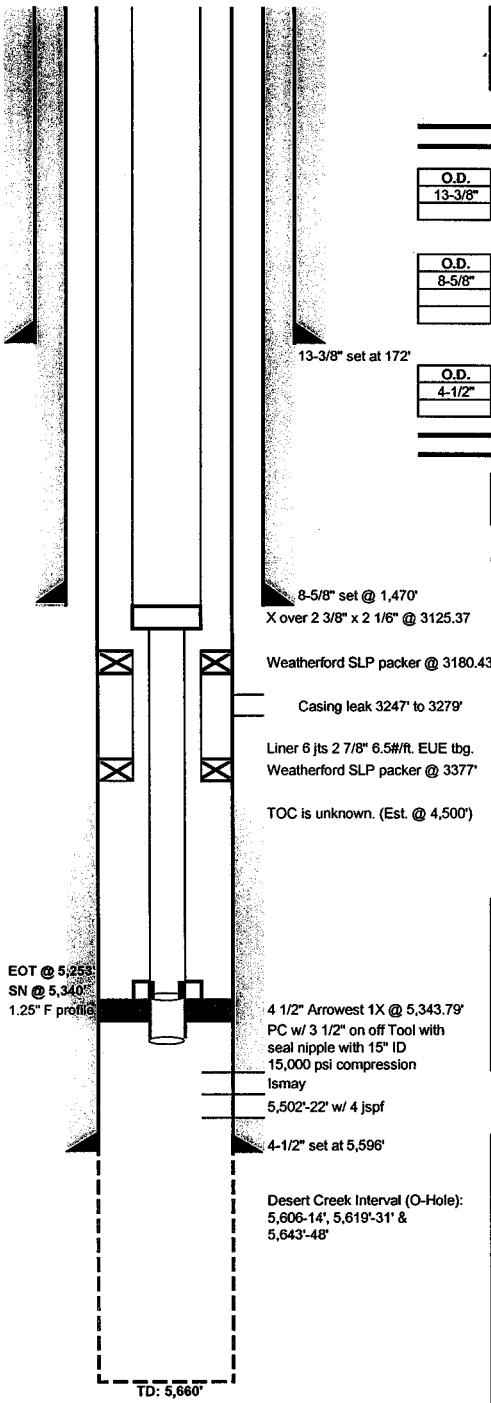
DATE 7/29/05

(This space for State use only)

RECEIVED
AUG 02 2005
DIV. OF OIL, GAS & MINING

(5/2000)

(See Instructions on Reverse Side)



WELL: Shell-Government # C-2 COUNTY: San Juan / API #: 43-037-10012
FIELD: Recapture Creek STATE: Utah SPUD DATE: 11/21/63
FORMATION: Ismay - Desert Cre LOCATION: NWSW Sec. 20, T40S-R23E
TD: 5,660' PBTD: 5,660' ELEVATION: GL= 4,529', KB= 4,541'

CASING RECORD

SURFACE CASING

O.D.	WT./FT.	GRADE	THD	TOP	BTM	NO. JTS.	BIT SZ.	SX CMT.	TOP CMT.
13-3/8"	48.0#	H-40		Surface	172		17-1/2"	150	Surface

INTERMEDIATE CASING

O.D.	WT./FT.	GRADE	THD	TOP	BTM	NO. JTS.	BIT SZ.	SX CMT.	TOP CMT.
8-5/8"	24.0#	J-55		Surface	1,470'		11"	350	Surface

Production Casing

O.D.	WT./FT.	GRADE	THD	TOP	BTM	NO. JTS.	BIT SZ.	SX CMT.	TOP CMT.
4-1/2"	10.5#	J-55		Surface	5,596'		7-7/8"	200	Unknown

TUBING

O.D.	WT./FT.	GRADE	THD	TOP	BTM	NO. JTS.	BIT SZ.
2-3/8"	4.6#	J-55	8rd	Surface	5,253'	171	3-7/8"

PERFORATION RECORD

DATE	TOP	BOTTOM	SPF	ZONE	STATUS
08/06/68	5,502'	5,506'	4 jspf	Ismay	Open
08/06/68	5,510'	5,522'	4 jspf	Ismay	Open
10/24/72	5,606'	5,614'	N/A - OH	Dsrt Crk	Open
10/24/72	5,619'	5,631'	N/A - OH	Dsrt Crk	Open
10/24/72	5,643'	5,648'	N/A - OH	Dsrt Crk	Open

TREATMENT

<< See attached well history for completion & workover details. >>

REMARKS

Tubing Detail		*Liner Detail*	
KB	12'		
1- 2 3/8" 4.6#/ft EUE J-55	31.32'	Weatherford SLP packer Top (2.6')	3180.43
1 - 8' subs	8.2	5 jts - 2 7/8" 6.5#/ft. EUE	189.3
95 - 2 3/8" 4.6#/ft EUE J-55	3072.07'	Weatherford SLP packer Bottom (4	3376.93
X -Over 2 3/8" x 2 1/16"	0.76	Total Length 163.5'	
69 jts 2 1/16" 3.25#/ft EUE	2210.72'		
Seal Nipple w/ 1.25 F Profile	.85'	Top Packer has J- Lach, to retrieve J- Lach in	
Arrowset Packer w/ T-2 6K	5336.09	pull 1000' tension rotate to right to unseat. Top	
on off Tool		Packer will release first . Pick up more tension	
BO Packer	5343.79	an rotate to right to release bottom.	

Surface Location: 1,980' FSL - 660' FWL
MIP - 2400 psi, Rate Limitation 6000 bwpd

MISCELLANEOUS

RIM Wi%:	
BHT:	
BHP:	
EST SITP:	
LOGS:	

CAPACITIES

Tubular Cap.	Bbl/ft	Ft3/ft
Tubing (2-3/8")	0.00387	0.02173
Casing (10.5#/ft)	0.01594	0.08950

Annular Cap.	Bbl/ft	Ft3/ft
Tbg x Csg	0.01046	0.05870
8-5/8" x 4-1/2"	0.04206	0.23617
Csg x Open Hole	0.04057	0.22779

TUBULAR GOODS PERFORMANCE

Material	Tensile (lbs)	Burst (psi)	Collapse (psi)	ID (in)	Drift (in)
4-1/2",10.5 # J-55 ST&C	132,000	4,790	4,010	4.052	3.927
2-3/8",4.7# J-55 8rd Coupling OD = 3.063"	71,730	7,700	8,100	1.995	1.901

Prepared By: KJK
Date: 06/06/01
Updated: 07/28/05

WELL: Shell-Government # C-2 COUNTY: San Juan / API #: 43-037-05921
FIELD: Recapture Creek STATE: Utah SPUD DATE: 11/21/63
FORMATION: Ismay - Desert Cre LOCATION: NWSW Sec. 20, T40S-R23E
TD: 5,660' PBTD: 5,660' ELEVATION: GL= 4,529', KB= 4,541'

Date	Work Description
Dec-63	Well was abandoned as a dryhole after a DST in the Ismay & poor sample shows and O-H logs in the Desert Creek Formation.
Aug-68	Well was re-entered and 4-1/2" casing was ran. The well was completed as an Ismay oil well. IPP was 143 bo/d, 110 mcf/d & 157 bw/d on 7/28/68.
04/15/70	Approval received from the USGS to convert the well to SWD.
May-70	Well was converted to SWD in the Ismay Formation.
Oct-72	Well began to pressure up. MIRU workover rig. Drilled out and deepened well to 5,660'. Completed the Desert Creek openhole. Began disposing into both the Ismay and Desert Creek Formation.
11/03/90	Pressure on backside. MIRU rig. TOOH with tubing. Got out with tubing, SN and a collar with left hand threads. Baker AD-1 left in hole. RIH w/impression block on sandline. Block stopped at 5,332', POOH no marks on block. Hydrotested tubing found several leaks in string. Set Baker AD-1 at 5,326'. Return to injection.
08/02/96	Pressure on backside. CP=250 psi, TP = slight vacuum. MIRU WO rig. Bled off casing pressure (30 min (?)). TOOH with tubing, LD 3 jts. with visible holes. Hydrotested in hole to 5,000 psi. TIH w/AD-1, 1 jt, SN, 152 jts. of 2-3/8", 4.6#, J-55 IPC tubing. Blew 18 jts. of tubing with hydrotester on TIH. Tested backside to 680 psi.
05/15/98	Samson Resources Co. submitted a sundry notice requesting that the maximum injection pressure be raised to 600 psig.
06/15/01	Acidized well with 1,500 gall. of 28% HCL at 1 bpm & 600 psi. ISIP =600, 20 min = 400 psi. Returned well to injection.
03/15/03	Acidized w/ 250 gal xylene & 1000 gal 20% HCL
08/11/03	Acidized w/ 250 gal xylene & 1000 gal 15% HCL
	Acidized w/ 55 gal xylene & 1000 gal 15% HCL
01/30/04	Replaced 20 jts of tubing. Hole in casing 3247' to 3279'. Set Liner w/ SLP packer 3213', 5 jts 2 7/8', & SLP packer @ 3376' Ran 69 jts 2 1/16" tbg & 95 jts 2 3/8" tbg Arrowset packer set w/ 10000 # compression & T 2 6K on off tool. Annulus pressure test to 1100 psi no leak off in 30 min.
03/03/04	Acidized w/ 55 gal xylene & 500 gal 20% HCL
06/06/05	Acidized w/ 55 gal xylene & 500 gal 20% HCL
07/23/05	Hole in tubing, all BH equipment redressed.

NIGHT
DAY
SOUTHERN FLOW
SUPERIOR CHARTS
TUBE & ORIF. SIZE
TIME TAKEN OFF
DATE TAKEN OFF
METER NUMBER
TIME PUT ON
DATE PUT ON
BR-2397
BO-2000-8
SIGNED
PRINTED IN U.S.A.

REC'D JUL 28 2005

STA. NO.
COMPANY RIM Operating Inc
LOCATION Shell Gout CJ2

	DATE	TIME	ORIFICE SIZE
CHART PLACED ON 3:50 pm	7-21-05	4:20 pm	
REMOVED 4:20 pm			

SOUTHERN FLOW
COMPUTER - DATA PROCESSING
HOUSTON LAFAYETTE NEW ORLEANS

CUST	FLD	MET

SOUTHERN FLOW
SUPERIOR CHARTS
TUBE & ORIF. SIZE
TIME TAKEN OFF
DATE TAKEN OFF
METER NUMBER
TIME PUT ON
DATE PUT ON
BR-2397
BO-2000-8
SIGNED
NIGHT
DAY
PRINTED IN U.S.A.

REC'D JUL 28 2005

STA. NO.

COMPANY RIM Operating Inc

LOCATION Shell Gout CJ2

	DATE	TIME	ORIFICE SIZE
CHART PLACED ON 3:50 pm	7-21-05	4:20 pm	
REMOVED 4:20 pm			

SOUTHERN FLOW
COMPUTER - DATA PROCESSING
HOUSTON LAFAYETTE NEW ORLEANS

CUST	FLD	MET

SOUTHERN FLOW
SUPERIOR CHARTS
METER NUMBER
TIME PUT ON
DATE PUT ON
TUBE & ORIF. SIZE
TIME TAKEN OFF
DATE TAKEN OFF
BR-2397
BO-2000-8
SIGNED
DAY
NIGHT
PRINTED IN U.S.A.

REC'D JUL 28 2005

STA. NO.
COMPANY RIM Operating Inc
LOCATION Shell Gout CJ2

	DATE	TIME	ORIFICE SIZE
CHART PLACED ON 3:50 pm	7-21-05	4:20 pm	
REMOVED 4:20 pm			

SOUTHERN FLOW
COMPUTER - DATA PROCESSING
HOUSTON LAFAYETTE NEW ORLEANS

CUST	FLD	MET

REC'D JUL 28 2005

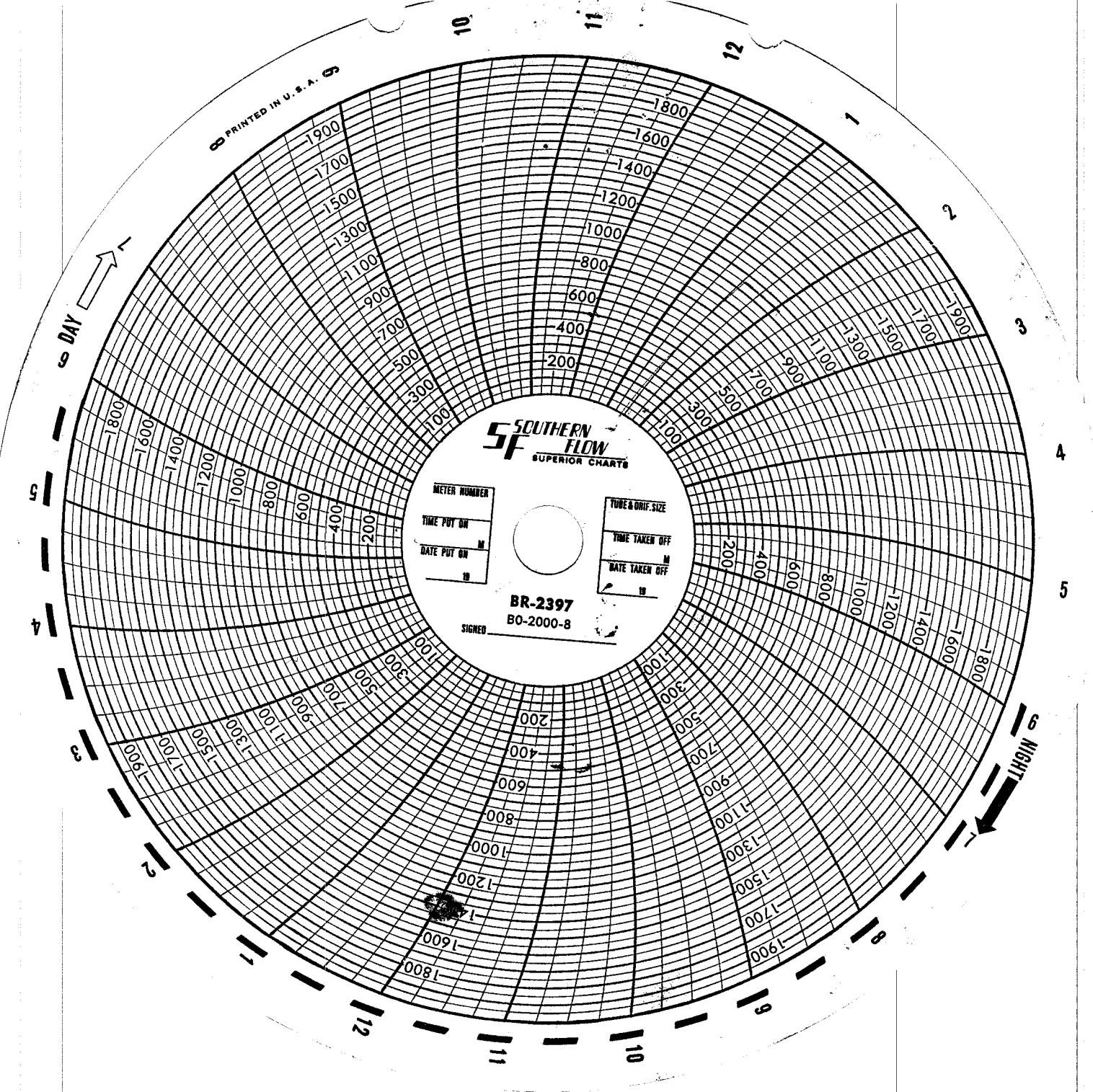
STA. NO.
COMPANY RIM Operating Inc
LOCATION Shell Gout C-2

	DATE	TIME	ORIFICE SIZE
CHART PLACED ON 3:50 pm	7-21-05	4:20 pm	
REMOVED 4:20 pm			

CUST	FLD	MET

SOUTHERN FLOW
COMPUTER - DATA PROCESSING
HOUSTON - LAFAYETTE - NEW ORLEANS

witness


PRINTED IN U.S.A.
DAY
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SOUTHERN FLOW
SUPERIOR CHARTS
METER NUMBER
TIME PUT ON
M
DATE PUT ON
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TUBE & ORIF. SIZE
TIME TAKEN OFF
M
DATE TAKEN OFF
19
BR-2397
BO-2000-8
SIGNED

RECEIVED
JAN 1 2 2006
DIV. OF OIL, GAS & MINING

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER: 006829
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME:
8. WELL NAME and NUMBER: Shell Gov't #C-2
9. API NUMBER: 43-037-10012
10. FIELD AND POOL, OR WILDCAT: Recapture Creek

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER Salt Water Disposal
2. NAME OF OPERATOR: RIM Operating, Inc.
3. ADDRESS OF OPERATOR: 5 Inverness Drive East CITY Englewood STATE CO ZIP 80112 PHONE NUMBER: 303-799-9828
4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1980' FSL - 660' FWL COUNTY: San Juan
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 20 40S 23E STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
[X] NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
12/30/05	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	[X] TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER:
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. **DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.**

Tubing integrity was lost on 12/29/05. The casing and tubing pressure was 1400 psi. We have shut-in injection and are presently repairing the tubing. We will notify you 24 hours prior to conducting an integrity test to recommence injection.

Accepted by the Utah Division of Oil, Gas and Mining
Date: 01-12-06
By: [signature]

COPY SENT TO OPERATOR
Date: 1-18-06
Initials: CHD

NAME (PLEASE PRINT) Carrol Brand TITLE Engineering Technician
SIGNATURE Carol Brand DATE 1/4/2006

(This space for State use only)

(5/2000) (See Instructions on Reverse Side)

Form 3160- 5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004- 0137
Expires: March 31, 2007

RECEIVED
SAN JUAN FIELD OFFICE
06 JAN 26 PM 12: 14
BUREAU OF LAND MGMT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

5. Lease Serial No.
UTU-006829

6. If Indian, Allottee or Tribe Name

7. If Unit or CA. Agreement Designation

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other

8. Well Name and No.
Shell Government #C-2

2. Name of Operator
RIM Operating Inc.

9. API Well No.
43-037-10012

3a. Address
5 Inverness Drive East, Englewood CO 80112

3b. Phone No. *(include area code)*
(303) 799-9828

10. Field and Pool, or Exploratory Area
Recpture Creek

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
1980' FSL & 660' FWL sec 20 T 40S R 23E

11. County or Parish, State
San Juan, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/ Resume)	☐ Water Shut-off
	☐ Altering Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Subsequent Report	☒ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other _____
	☐ Change Plans	☒ Plug and abandon	☐ Temporarily Abandon	_____
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug back	☐ Water Disposal	_____

13. Describe Proposed or Completed Operation (clearly state all pertinent details including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths or pertinent markers and sands. Attach the Bond under which the work will performed or provide the Bond No. on file with the BLM/ BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notice shall be filed only after all requirements, including reclamantion, have been completed, and the operator has determined that the site is ready for final inspection.)

See Attached Program.

Approved by the
Utah Division of
Oil, Gas and Mining
Date: 1-8-06
By: Dim Jenni

Stipulations.
1. A RAT survey will be conducted when work is completed.
2. A RAT Survey will be conducted every 5 years to demonstrate mechanical integrity

RECEIVED
JAN 30 2006
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.

Name *(Printed Typed)*	Title
Kenneth J. Kundrik	Operations Manager
Signature Kenneth J. Kundrik	Date 1/23/2006

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
Conditions of approval, if any are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

COPY SENT TO OPERATOR
Date: 2-17-06
Initials: CHD

Title 18 U.S.C. Section 1001 AND Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

Work Over Procedure.

Well Name: Shell Governement #C-2 County: San Juan Date: 1/20/2006
Location: NW SW sec 20 T 40S R 23E State: Utah Field: Recapture Creek
Formation: Desert Creek - Ismay API: 43-037-10012

Well Data:

Spud Date: 11/21/1963 Grd..: 4529 KB: 4541
TD: 5660 PBTD: 5660

Casing:

Surface: 13 3/8 48#/ft H-40 Ld @ 172'
Intermediate: 8 5/8" 24#/ft J-55 Ld @ 1470'
Production: 4 1/2: 10.5#/ft J-55 Ld @ 5596'
Open Hole: 5596 - 5660'

Cement:

Surface:

Production:

Liner:

Completion Data:

Tubing: 2 3/8" 4.6#/ft J-55 EUE surface to 3125.37'
2 1/6" 3.25#/ft J-55 3125.37" to 5344.27'

Packer: 4 1/2" Arrowset 1X # 5344.27 w/ 3 1/2" on-off tool with 1.5" seal nipple.

Scab Linner: Weatherford SLP Packer 3150.36' (3.5'0
20 jts - 2 7/8" 6.5#/ft J-55 EUE tbg. (649.7')
Weatherford SLP packer 3799.06' (4.5')
To unseat J-Latch into top packer w/ retrieving tool pull 1000# tension turn to right, top packer will release pull nore tension and turn to right to release bottom.

Work Over Program:

1) Rig up Service Rig with tank & pump.
2) RD well head and set BOP's
3) Pick up on tubing turn 1/4 turn to right to unlatch from on off tool.
4) POOH w/ tubing. Pay particular care when bulling into bottom of liner w/ on-off tool not to unseat liner. rotate when tool is entering bottom of liner. (lay down first jt. and pup it will be the 24th stand out after the pup.)
5) PU retieving tool for SLP packers from weatherford. RIH w/ 2 3/8" tbg. to retieve liner.
6) POOH w/ tubing. Lay down 2 7/8" liner.
7) RIH w/ 2 1/16 tbg. and 2 3/8" tubing latch on to Arrowset Packer and unseat.
8) POOH w/ same lay down packer.
9) PU bit and casing scraper on 2 1/16 tbg.
10) RIH w/2 1/16 tubing and 2 3/8" tubing to 5550'.
11) POOH lay down Arrowest Packer.
12) PU Composite Bridge Plug and RIH w/2 1/16' tubing and 2 3/8" tbg. set same at 5475. Tag to make sure it is in place.
13) POOH laying down 2 3/8" tubing, 2 1/16' tubing.
14) Change out tubing head to hang 3 1/2" tbg in slips.
15) RU Power tong to run 3 1/2" flush joint tubing.
16) Make up float collar on top of first jt. in hole. Thread lock float collar in place.
17) RIH w/ 3 1/2" flush joint tubing. (Hydril CF J-P 9.3#/ft OD - 3.609', ID 2.920 Yield 96,000)
18) Lightly tag composite plug at 5475'.
19) Pick up 2 ft on casing.
20) Break cirucation down 3 1/2" tubing.
21) RU cementers.
22) Cement w/ 110 sxs Cls "H" cement (Yield 1.06 weight 16.4#/gal) to surface.
23) WO cement 2 hrs and set tubing in slips.
24) PU 2 7/8" bit and bit sub on 2 3/8" Hydril "CS" tubing (OD 2.70")
25) TIH to float collar at 5440' approx. Wait overnight to drill out float shoe.
26) Place screen in tubing before drilling out.
27) Drill out float shoe and composite plug, clean out hole to TD (5660')
28) POOH lay down 2 7/8" bit and bit sub.
29) PU Arrowset 3 1/2" x 2 1/6" packer (coated)
30) Hydrotest tubing in to hole to 5000 psi.
31) Land Packer at 5440' above shoe joint.
32) Conduct casing integrity test to 1000 psi.
33) Begin injection.

Form 3160- 5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004- 0137
Expires July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

5. Lease Serial No. UTU-006829
6. If Indian, Allottee, or Tribe Name
7. If Unit or CA. Agreement Designation
8. Well Name and No. Shell Government #C-2
9. API Well No. 43-037-10012
10. Field and Pool, or Exploratory Area Recpture Creek
11. County or Parish, State San Juan, Utah

1. Type of Well: [ ] Oil Well [ ] Gas Well [X] Other
2. Name of Operator: RIM Operating Inc.
3a. Address: 5 Inverness Drive East, Englewood CO 80112
3b. Phone No. *(include area code)*: (303) 799-9828
4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*: 1980' FSL & 660' FWL sec 20 T 40S R 23E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
[X] Notice of Intent	[ ] Acidize	[ ] Deepen	[ ] Production (Start/ Resume)	[ ] Water Shut-off
	[ ] Altering Casing	[ ] Fracture Treat	[ ] Reclamation	[ ] Well Integrity
[ ] Subsequent Report	[X] Casing Repair	[ ] New Construction	[ ] Recomplete	[ ] Other
	[ ] Change Plans	[ ] Plug and abandon	[ ] Temporarily Abandon	
[ ] Final Abandonment Notice	[ ] Convert to Injection	[ ] Plug back	[ ] Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths or pertinent markers and sands. Attach the Bond under which the work will performed or provide the Bond No. on file with the BLM/ BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notice shall be filed only after all requirements, including reclamantion, have been completed, and the operator has determined that the site is ready for final inspection.)

1) MIRU Service rig, power swivel and pit. Mid to Early September, 2010.
2) PU 2 7/8" blade pit mud motor and 2 1/16 ' work string.
3) TIH ot 3839'. Break ciculation.
4) Drill out cement to 5458'
5) Pressure test casing to 2000 psi above composite plug.
6) Drill out composite plug.
7) TOOH pick up Tri-Cone bit.
8) Clean out well to TD 5660'.
9) Test injectivity. If injectivity is low preform acid job below.
10) TOOH TIH to 5596'.
11) Spot 1000 gal 28% HCL & corrosion inhibiter. Squeeze at Maximum rate, maintain pressure below 1500 psi.
12) TOOH and lay down rental string. PU 2 3/8" 4.6#/ft Ultra Flush w/ Arrowset 3 1/2" x 2 1/6 coated packer
13) TIH to 5435' set packer. Preform casing integrity test to 1000 psi.
14) Begin Injection.

Approved by the Utah Division of Oil, Gas and Mining

COPY SENT TO OPERATOR
Date: 8·25·2010
Initials: KS

Date: 8/11/10
By: D. Jarvis

14. I hereby certify that the foregoing is true and correct.

Name *(Printed/ Typed)* Kenneth J. Kundrik	Title Operations Manager
Signature Kenneth J. Kundrik	Date 8/3/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

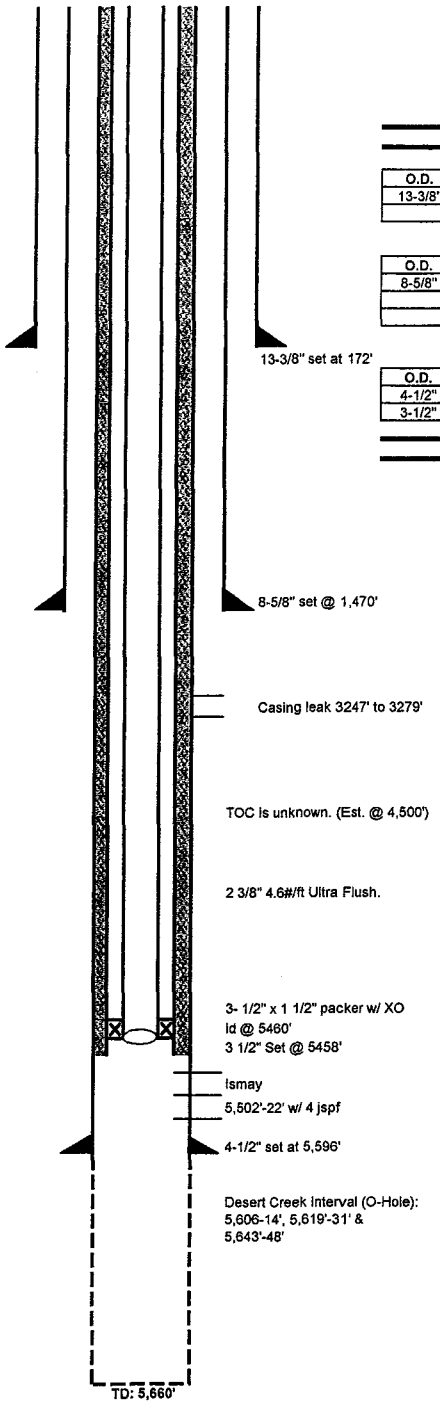
Approved by	Title	Date
Conditions of approval, if any are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001 AND Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

Federal Approval of this Action is Necessary

RECEIVED
AUG 04 2010
DIV. OF OIL, GAS & MINING



WELL: Shell-Government # C-2 COUNTY: San Juan / API #: 43-037-10012
FIELD: Recapture Creek STATE: Utah SPUD DATE: 11/21/63
FORMATION: Ismay - Desert Cre LOCATION: NWSW Sec. 20, T40S-R23E
TD: 5,660' PBTD: 5,660' ELEVATION: GL= 4,529', KB= 4,541'

CASING RECORD

SURFACE CASING

O.D.	WT./FT.	GRADE	THD	TOP	BTM	NO. JTS.	BIT SZ.	SX CMT.	TOP CMT.
13-3/8"	48.0#	H-40		Surface	172		17-1/2"	150	Surface

INTERMEDIATE CASING

O.D.	WT./FT.	GRADE	THD	TOP	BTM	NO. JTS.	BIT SZ.	SX CMT.	TOP CMT.
8-5/8"	24.0#	J-55		Surface	1,470'		11"	350	Surface

Production Casing

O.D.	WT./FT.	GRADE	THD	TOP	BTM	NO. JTS.	BIT SZ.	SX CMT.	TOP CMT.
4-1/2"	10.5#	J-55		Surface	5,596'		7-7/8"	200	Unknown
3-1/2"	9.3#	J-55	SJ-2	Surface	5473			110	surface

TUBING

O.D.	WT./FT.	GRADE	THD	TOP	BTM	NO. JTS.	BIT SZ.
2-3/8"	4.6#	J-55	Ultra Flush	Surface	5460'	171	2 7/8"

PERFORATION RECORD

DATE	TOP	BOTTOM	SPF	ZONE	STATUS
08/06/68	5,502'	5,506'	4 jspf	Ismay	Open
08/06/68	5,510'	5,522'	4 jspf	Ismay	Open
10/24/72	5,606'	5,614'	N/A - OH	Dsrt Crk	Open
10/24/72	5,619'	5,631'	N/A - OH	Dsrt Crk	Open
10/24/72	5,643'	5,648'	N/A - OH	Dsrt Crk	Open

TREATMENT

<< See attached well history for completion & workover details. >>

Work to be done: RIH with 3 1/2" 9.3#/ft J-55 SJ-2 (OD - 3.609", ID - 2.92")
Cement in Place.at 5475'.
RIH w/ 2 3/8" 4.6#/ft Ultra Flush OD 2.72" land
3 1/2" x 1-1/2" packer coated at 5460'.

REMARKS

Tubing Detail	*Liner Detail*
KB 12'	

Surface Location: 1,980' FSL - 660' FWL
MIP - 2400 psi, Rate Limitation 6000 bwpd

MISCELLANEOUS

RIM WI%:	
BHT:	
BHP:	
EST SITP:	
LOGS:	

CAPACITIES

Tubular Cap.	Bbl/ft	Ft3/ft
Tubing (2-3/8")	0.00387	0.02173
Casing (10.5#/ft)	0.01594	0.08950

Annular Cap.	Bbl/ft	Ft3/ft
Tbg x Csg	0.01046	0.05870
8-5/8" x 4-1/2"	0.04206	0.23617
Csg x Open Hole	0.04057	0.22779

TUBULAR GOODS PERFORMANCE

Material	Tensile (lbs)	Burst (psi)	Collapse (psi)	ID (in)	Drift (in)
4-1/2",10.5 # J-55 ST&C	132,000	4,790	4,010	4.052	3.927
2-3/8",4.7# J-55 8rd Coupling OD = 3.063"	71,730	7,700	8,100	1.995	1.901

Prepared By: KJK
Date: 06/06/01
Updated: 01/21/06

WELL: Shell-Government # C-2	COUNTY: San Juan / API #: 43-037-05921	
FIELD: Recapture Creek	STATE: Utah	SPUD DATE: 11/21/63
FORMATION: Ismay - Desert Cre	LOCATION: NWSW Sec. 20, T40S-R23E	
TD: 5,660' PBTD: 5,660'	ELEVATION: GL= 4,529', KB= 4,541'	

Date	Work Description
Dec-63	Well was abandoned as a dryhole after a DST in the Ismay & poor sample shows and O-H logs in the Desert Creek Formation.
Aug-68	Well was re-entered and 4-1/2" casing was ran. The well was completed as an Ismay oil well. IPP was 143 bo/d, 110 mcf/d & 157 bw/d on 7/28/68.
04/15/70	Approval received from the USGS to convert the well to SWD.
May-70	Well was converted to SWD in the Ismay Formation.
Oct-72	Well began to pressure up. MIRU workover rig. Drilled out and deepened well to 5,660'. Completed the Desert Creek openhole. Began disposing into both the Ismay and Desert Creek Formation.
11/03/90	Pressure on backside. MIRU rig. TOOH with tubing. Got out with tubing, SN and a collar with left hand threads. Baker AD-1 left in hole. RIH w/impression block on sandline. Block stopped at 5,332', POOH no marks on block. Hydrotested tubing found several leaks in string. Set Baker AD-1 at 5,326'. Return to injection.
08/02/96	Pressure on backside. CP=250 psi, TP = slight vacuum. MIRU WO rig. Bled off casing pressure (30 min (?)). TOOH with tubing, LD 3 jts. with visible holes. Hydrotested in hole to 5,000 psi. TIH w/AD-1, 1 jt, SN, 152 jts. of 2-3/8", 4.6#, J-55 IPC tubing. Blew 18 jts. of tubing with hydrotester on TIH. Tested backside to 680 psi.
05/15/98	Samson Resources Co. submitted a sundry notice requesting that the maximum injection pressure be raised to 600 psig.
06/15/01	Acidized well with 1,500 gall. of 28% HCL at 1 bpm & 600 psi. ISIP =600, 20 min = 400 psi. Returned well to injection.
03/15/03	Acidized w/ 250 gal xylene & 1000 gal 20% HCL
08/11/03	Acidized w/ 250 gal xylene & 1000 gal 15% HCL
	Acidized w/ 55 gal xylene & 1000 gal 15% HCL
01/30/04	Replaced 20 jts of tubing. Hole in casing 3247' to 3279'. Set Liner w/ SLP packer 3213', 5 jts 2 7/8', & SLP packer @ 3376' Ran 69 jts 2 1/16" tbg & 95 jts 2 3/8" tbg Arrowset packer set w/ 10000 # compression & T 2 6K on off tool. Annulus pressure test to 1100 psi no leak off in 30 min.
03/03/04	Acidized w/ 55 gal xylene & 500 gal 20% HCL
06/06/05	Acidized w/ 55 gal xylene & 500 gal 20% HCL
07/23/05	Hole in tubing, all BH equipment redressed.
01/02/06	Hole in tubing, Replaced all liner joints added additional 14 jts to liner for weight replaced 3 jts 2 1/16" and 3 jts 2 3/8".
12/14/2006	Clean out ot 5563'. As deep as we could get.
12/15/2006	Set Composite Plug at 5460'. RIH with packer to 5458'. Test Composite plug to 2000 pis. Held no leaks.
12/18/2006	RIH with 3 1/2" 9.3 #/ft J-55 SJ-2 connection ID 2.92" to 5458' Set Liner. With 3 1/2" 9.3#/ft SJ-2 cement shoe on bottom. Circulate hole with water.
12/19/2006	Cement with 198 sxs Type V cement w 0.05 gps CFL-7L mixed at 14.8 #/gal. Displaced with water. No wiper pressure over displcaed w/ 1 1/2 bbls. No pressure. SWIFN
12/20/2006	TIH w/ bit Tagged up 3642'. Clean out to 3755.34 ft KB.
1/22/2007	MIRU to Clean out hole Made 83,75 ft. to 3839.09 ft. Move off waiting on tools rental string and heavey weight DP to go in hole.

Form 3160- 5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004- 0137
Expires:July 31, 2010

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5 Inverness Drive East, Englewood CO 80112

3b. Phone No. *(include area code)*
(303) 799-9828

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11) Spot 1000 gal 28% HCL & corrosion inhibiter. Squeeze at Maximum rate, maintain pressure below 1500 psi.
12) TOOH and lay down rental string. PU 2 3/8" 4.6#/ft Ultra Flush w/ Arrowset 3 1/2" x 2 1/6 coated packer
13) TIH to 5435' set packer. Preform casing integrity test to 1000 psi.
14) Begin Injection.

Approved by the Utah Division of Oil, Gas and Mining

COPY SENT TO OPERATOR
Date: 8·25·2010
Initials: KS

Date: 8/11/10
By: D. Jarvis

14. I hereby certify that the foregoing is true and correct.

Name *(Printed/ Typed)* Kenneth J. Kundrik	Title Operations Manager
Signature Kenneth J. Kundrik	Date 8/3/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
Conditions of approval, if any are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

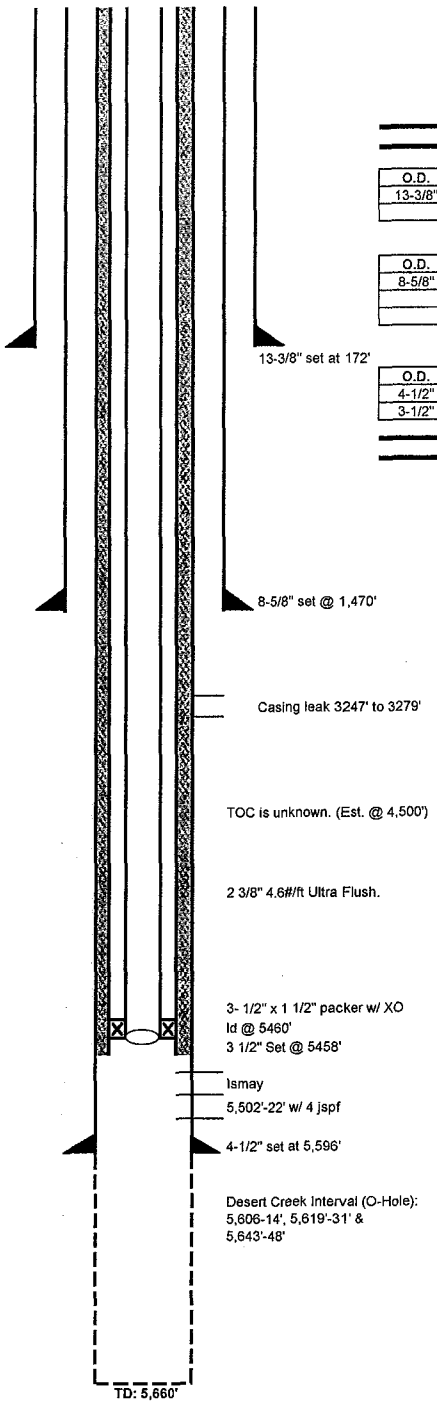
Title 18 U.S.C. Section 1001 AND Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

Federal Approval of this Action is Necessary

RECEIVED
AUG 04 2010
DIV. OF OIL, GAS & MINING

WELL: Shell-Government # C-2 COUNTY: San Juan / API #: 43-037-10012
FIELD: Recapture Creek STATE: Utah SPUD DATE: 11/21/63
FORMATION: Ismay - Desert Cre LOCATION: NWSW Sec. 20, T40S-R23E
TD: 5,660' PBTD: 5,660' ELEVATION: GL= 4,529', KB= 4,541'



CASING RECORD

SURFACE CASING

O.D.	WT./FT.	GRADE	THD	TOP	BTM	NO. JTS.	BIT SZ.	SX CMT.	TOP CMT.
13-3/8"	48.0#	H-40		Surface	172		17-1/2"	150	Surface

INTERMEDIATE CASING

O.D.	WT./FT.	GRADE	THD	TOP	BTM	NO. JTS.	BIT SZ.	SX CMT.	TOP CMT.
8-5/8"	24.0#	J-55		Surface	1,470'		11"	350	Surface

Production Casing

O.D.	WT./FT.	GRADE	THD	TOP	BTM	NO. JTS.	BIT SZ.	SX CMT.	TOP CMT.
4-1/2"	10.5#	J-55		Surface	5,596'		7-7/8"	200	Unknown
3-1/2"	9.3#	J-55	SJ-2	Surface	5473			110	surface

TUBING

O.D.	WT./FT.	GRADE	THD	TOP	BTM	NO. JTS.	BIT SZ.
2-3/8"	4.6#	J-55	Ultra Flush	Surface	5460'	171	2 7/8"

PERFORATION RECORD

DATE	TOP	BOTTOM	SPF	ZONE	STATUS
08/06/68	5,502'	5,506'	4 jspf	Ismay	Open
08/06/68	5,510'	5,522'	4 jspf	Ismay	Open
10/24/72	5,606'	5,614'	N/A - OH	Dsrt Crk	Open
10/24/72	5,619'	5,631'	N/A - OH	Dsrt Crk	Open
10/24/72	5,643'	5,648'	N/A - OH	Dsrt Crk	Open

TREATMENT

<< See attached well history for completion & workover details. >>

Work to be done: RIH with 3 1/2" 9.3#/ft J-55 SJ-2 (OD - 3.609", ID - 2.92")
Cement in Place.at 5475'.
RIH w/ 2 3/8" 4.6#/ft Ultra Flush OD 2.72" land
3 1/2" x 1-1/2" packer coated at 5460'.

REMARKS

Tubing Detail		*Liner Detail*
KB	12'	

Surface Location: 1,980' FSL - 660' FWL
MIP - 2400 psi, Rate Limitation 6000 bwpd

MISCELLANEOUS

RIM WI%:	
BHT:	
BHP:	
EST SITP:	
LOGS:	

CAPACITIES

Tubular Cap.	Bbl/ft	Ft3/ft
Tubing (2-3/8")	0.00387	0.02173
Casing (10.5#/ft)	0.01594	0.08950

Annular Cap.	Bbl/ft	Ft3/ft
Tbg x Csg	0.01046	0.05870
8-5/8" x 4-1/2"	0.04206	0.23617
Csg x Open Hole	0.04057	0.22779

TUBULAR GOODS PERFORMANCE

Material	Tensile (lbs)	Burst (psi)	Collapse (psi)	ID (in)	Drift (in)
4-1/2",10.5 # J-55 ST&C	132,000	4,790	4,010	4.052	3.927
2-3/8",4.7# J-55 8rd Coupling OD = 3.063"	71,730	7,700	8,100	1.995	1.901

Prepared By: KJK
Date: 06/06/01
Updated: 01/21/06

WELL: Shell-Government # C-2	COUNTY: San Juan / API #: 43-037-05921	
FIELD: Recapture Creek	STATE: Utah	SPUD DATE: 11/21/63
FORMATION: Ismay - Desert Cre	LOCATION: NWSW Sec. 20, T40S-R23E	
TD: 5,660' PBTD: 5,660'	ELEVATION: GL= 4,529', KB= 4,541'	

Date	Work Description
Dec-63	Well was abandoned as a dryhole after a DST in the Ismay & poor sample shows and O-H logs in the Desert Creek Formation.
Aug-68	Well was re-entered and 4-1/2" casing was ran. The well was completed as an Ismay oil well. IPP was 143 bo/d, 110 mcf/d & 157 bw/d on 7/28/68.
04/15/70	Approval received from the USGS to convert the well to SWD.
May-70	Well was converted to SWD in the Ismay Formation.
Oct-72	Well began to pressure up. MIRU workover rig. Drilled out and deepened well to 5,660'. Completed the Desert Creek openhole. Began disposing into both the Ismay and Desert Creek Formation.
11/03/90	Pressure on backside. MIRU rig. TOOH with tubing. Got out with tubing, SN and a collar with left hand threads. Baker AD-1 left in hole. RIH w/impression block on sandline. Block stopped at 5,332', POOH no marks on block. Hydrotested tubing found several leaks in string. Set Baker AD-1 at 5,326'. Return to injection.
08/02/96	Pressure on backside. CP=250 psi, TP = slight vacuum. MIRU WO rig. Bled off casing pressure (30 min (?)). TOOH with tubing, LD 3 jts. with visible holes. Hydrotested in hole to 5,000 psi. TIH w/AD-1, 1 jt, SN, 152 jts. of 2-3/8", 4.6#, J-55 IPC tubing. Blew 18 jts. of tubing with hydrotester on TIH. Tested backside to 680 psi.
05/15/98	Samson Resources Co. submitted a sundry notice requesting that the maximum injection pressure be raised to 600 psig.
06/15/01	Acidized well with 1,500 gall. of 28% HCL at 1 bpm & 600 psi. ISIP =600, 20 min = 400 psi. Returned well to injection.
03/15/03	Acidized w/ 250 gal xylene & 1000 gal 20% HCL
08/11/03	Acidized w/ 250 gal xylene & 1000 gal 15% HCL
	Acidized w/ 55 gal xylene & 1000 gal 15% HCL
01/30/04	Replaced 20 jts of tubing. Hole in casing 3247' to 3279'. Set Liner w/ SLP packer 3213', 5 jts 2 7/8', & SLP packer @ 3376' Ran 69 jts 2 1/16" tbg & 95 jts 2 3/8" tbg Arrowset packer set w/ 10000 # compression & T 2 6K on off tool. Annulus pressure test to 1100 psi no leak off in 30 min.
03/03/04	Acidized w/ 55 gal xylene & 500 gal 20% HCL
06/06/05	Acidized w/ 55 gal xylene & 500 gal 20% HCL
07/23/05	Hole in tubing, all BH equipment redressed.
01/02/06	Hole in tubing, Replaced all liner joints added additional 14 jts to liner for weight replaced 3 jts 2 1/16" and 3 jts 2 3/8".
12/14/2006	Clean out ot 5563'. As deep as we could get.
12/15/2006	Set Composite Plug at 5460'. RIH with packer to 5458'. Test Composite plug to 2000 pis. Held no leaks.
12/18/2006	RIH with 3 1/2" 9.3 #/ft J-55 SJ-2 connection ID 2.92" to 5458' Set Liner. With 3 1/2" 9.3#/ft SJ-2 cement shoe on bottom. Circulate hole with water.
12/19/2006	Cement with 198 sxs Type V cement w 0.05 gps CFL-7L mixed at 14.8 #/gal. Displaced with water. No wiper pressure over displcaed w/ 1 1/2 bbls. No pressure. SWIFN
12/20/2006	TIH w/ bit Tagged up 3642'. Clean out to 3755.34 ft KB.
1/22/2007	MIRU to Clean out hole Made 83,75 ft. to 3839.09 ft. Move off waiting on tools rental string and heavey weight DP to go in hole.

GARY R. HERBERT
Governor
GREGORY S. BELL
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

February 25, 2013

40S 23E 20

Rim Operating Inc.
P. O. Box 2058
Farmington, NM 87499-2058

SUBJECT: Plan of action for Shell Govt C-2, API# 43-037-10012, San Juan County, Utah:

Gentlemen:

On January 18, 2006 the Shell Govt C-2 well failed a standard annuals pressure test. At that time company representation was unsure of plans as they related to well repair. Since that time limited correspondence has occurred between the Division and Rim Operating, Inc. Therefore I'm issuing this letter as a reminder that under the Underground Injection Control program (UIC) operators are allowed 120 days to plug or repair injection wells failing MIT tests. Plans to repair, or plug well shall be submitted to the Division by April 1, 2013. Well shall be plugged or repaired by May 30, 2013.

Response should be directed to:

Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, UT 84114-5801

If you have questions feel free to contact me at (435) 820-0862.

Sincerely,

Bart Kettle
Environmental Scientist

bk/dj/js

cc: Dan Jarvis, Operations Manager
Well File

RECEIVED
MAR 2 7 2013
DIV. OF OIL, GAS & MINING

RIM OPERATING INC.
P. O. BOX 145
FARMINGTON, NM 87499-0145
(505) 326-0550; (505) 326-2149 Fax
Certified Return Receipt: 7012 0470 0002 1212 5422

March 22, 2013

Mr. Bart Kettle
DIVISION OIL, GAS and
MINING
1594 West North Temple, Ste 1210
P. O. Box 145801
Salt Lake City, UT 84114-5801

40S 23E 20

RE: Shell Government C-2 Well
API #43-037-10012
San Juan, UTAH
Plan-Of-Action

Dear Mr. Kettle:

First, thank you for the reminder on the referenced well.

Second, after the failure of the annulus pressure test on the referenced well in 2006, repair activities were initiated.

Ultimately a 3½" OD 9.3#/ft J-55 FJ liner was cemented inside 4½" OD casing from 5458' to surface with 198 sks cement.

During cleanout operations the work string was severely damaged. The rig was released waiting on availability of drill pipe.

It is our intention to complete this repair in April 2013 and return the well to injection following cleanout and new step rate testing procedures.

Sincerely,

W. J. Holcomb

RECEIVED

JUN 03 2013

DIV. OF OIL, GAS & MINING

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER: 006829

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER water disposal well

8. WELL NAME and NUMBER: Shell Gov't C-2

2. NAME OF OPERATOR: RIM Operating

9. API NUMBER: 4303710012

3. ADDRESS OF OPERATOR: 5 Inverness Drive East CITY Englewood STATE Co ZIP 80112

PHONE NUMBER: (303) 998-9828

10. FIELD AND POOL, OR WILDCAT: Recapture Creek

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 1980FSL & 660FWL

COUNTY: San Juan

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 20 40S 23E

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☑ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☑ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
5/23/2013	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Liner installation and mechanical integrity
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Work on the subject well was suspended in 2007 due to availability of equipment. This report details the work of the completed repair and subsequent testing and acidizing.
MIRU on April 24,2013 found top of cmt at 3837' from previous 3 1/2" liner cmt install. Drill out cmt to 3 1/2 csg shoe at 5455 test to 1000 psi would not hold, suspect collar leak in csg. TIH with 2 1/16 tbg and pkr isolate hole between 2600 and 2996 ft. pkr failed on reset. TOH with tbg and pkr RU Halliburton and cmt 3 1/2 with 40.8 bbls(140 sks of 50-50 POZ w/.1%CFR-3 defoamer,.4%Halad 344; 13.5 lb/gal,1.29 ft3/ft yield,5.67 gal/sk mix) Cmt to surface displace with 22.6 bbls water. SI over weekend. TIH with 1 1/2" drill pipe and bit tag cmt at 2432 drill out of cmt at 2633 test csg to 1000 psig ok trip drill pipe to bottom tag at 5449. Drill out cmt and BP to 5556' circ clean. TIH with 3 1/2 arrowset AD-1 packer,profile nipple,on-off tool, 2 1/16 tbg set pkr at 5419 load csg-tbg annulus with water. RU Halliburton perform mechanical integrity test. Bart Kettle from DNR on location to witness test. Pressure up to 1014 psi bled off to 850 inpsi in 15 min. Fix leak on 2" nipple titen wellhead retest. Pressure up to 1041 psig,last 20 min of test pressure bled off only 4 psig 1024 to 1020. Test ok'd. Halliburton RU and acidize well with 1000 gals 21% HcL and mutual solvent. Acd at 3 bbl/min at 950 psig max pressure 1050 psig SD for one hour and prepare to run step rate test. Step rate results 2BPM @ 0 psi; 3 BPM @ 500-600 psig; 3.8 BPM @900-1100 psig; 5 BPM @ 2000-2200 psig; 6 BPM @3100-3400 psig. See attached charts for both step rate test and mechanical integrity test.. TOH with 2 1/16 tbg check on off tool tih with 167 jts 2 1/16 load annulus with packer fluid test to 1000 psig ok. NDBOP land tbg and rig down. Job completed 5/23/2013

NAME (PLEASE PRINT) W. J. Holcomb TITLE Partner/agent

SIGNATURE DATE 5/28/2013

(This space for State use only)

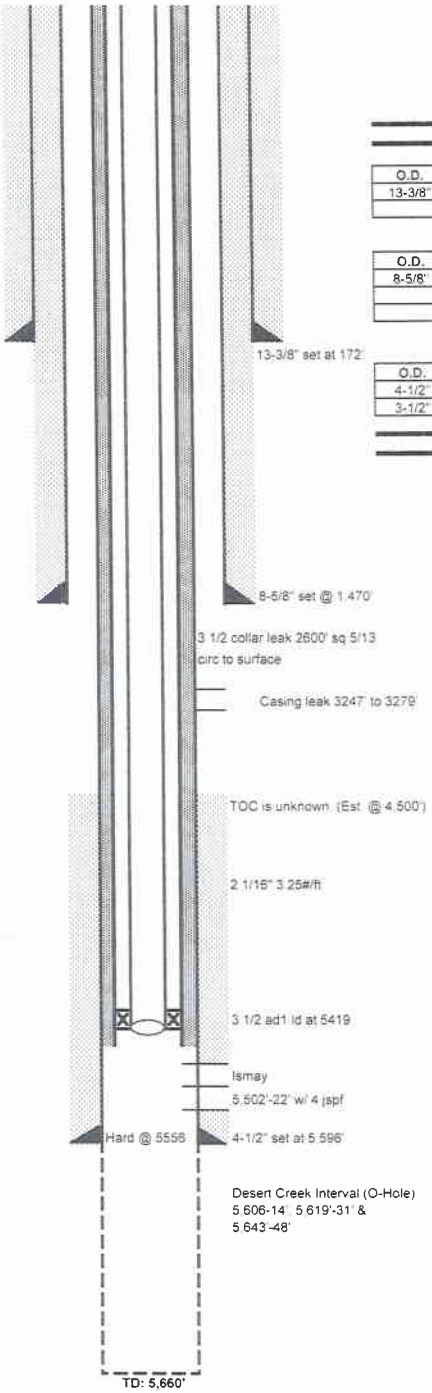
Accepted by the Utah Division of Oil, Gas and Mining

Date: 06-05-2013

By:

(5/2000)

(See Instructions on Reverse Side)



WELL: Shell-Government # C-2 COUNTY: San Juan / API #: 43-037-10012
FIELD: Recapture Creek STATE: Utah SPUD DATE: 11/21/63
FORMATION: Ismay - Desert Cree LOCATION: NWSW Sec. 20, T40S-R23E
TD: 5,660' PBTD: 5,660' ELEVATION: GL= 4,529', KB= 4,541'

CASING RECORD

SURFACE CASING

O.D.	WT./FT.	GRADE	THD	TOP	BTM	NO. JTS.	BIT SZ.	SX CMT.	TOP CMT.
13-3/8"	48.0#	H-40		Surface	172		17-1/2"	150	Surface

INTERMEDIATE CASING

O.D.	WT./FT.	GRADE	THD	TOP	BTM	NO. JTS.	BIT SZ.	SX CMT.	TOP CMT.
8-5/8"	24.0#	J-55		Surface	1,470		11"	350	Surface

Production Casing

O.D.	WT./FT.	GRADE	THD	TOP	BTM	NO. JTS.	BIT SZ.	SX CMT.	TOP CMT.
4-1/2"	10.5#	J-55		Surface	5,596'		7-7/8"	200	Unknown
3-1/2"	9.3#	J-55	SJ-2	Surface	5473			110	surface

TUBING

O.D.	WT./FT.	GRADE	THD	TOP	BTM	NO. JTS.	BIT SZ.
2 1/16	3.3#	J-55	IJ	Surface	5419	167	2 7/8

PERFORATION RECORD

DATE	TOP	BOTTOM	SPF	ZONE	STATUS
08/06/68	5,502'	5,506'	4 jspf	Ismay	Open
08/06/68	5,510'	5,522'	4 jspf	Ismay	Open
10/24/72	5,606'	5,614'	N/A - OH	Dsrt Crk	Open
10/24/72	5,619'	5,631'	N/A - OH	Dsrt Crk	Open
10/24/72	5,643'	5,648'	N/A - OH	Dsrt Crk	Open

TREATMENT

Acd 5/13 with 1000 gals 21% hcl and musol
Step rate test 5/13 2 BPM- 0 psi , 3 BPM - 500-600 psi , 3 8 BPM- 900-1100 psi
5 BPM- 2000-2200 psi, 6 BPM -3100-3400 psi

REMARKS

Tubing Detail	*Liner Detail*
KB 12'	

Surface Location 1,980' FSL - 660' FWL
MIP - 2400 psi, Rate Limitation 6000 bwpd

MISCELLANEOUS

RIM WI%:	
BHT:	
BHP:	
EST SITP:	
LOGS:	

CAPACITIES

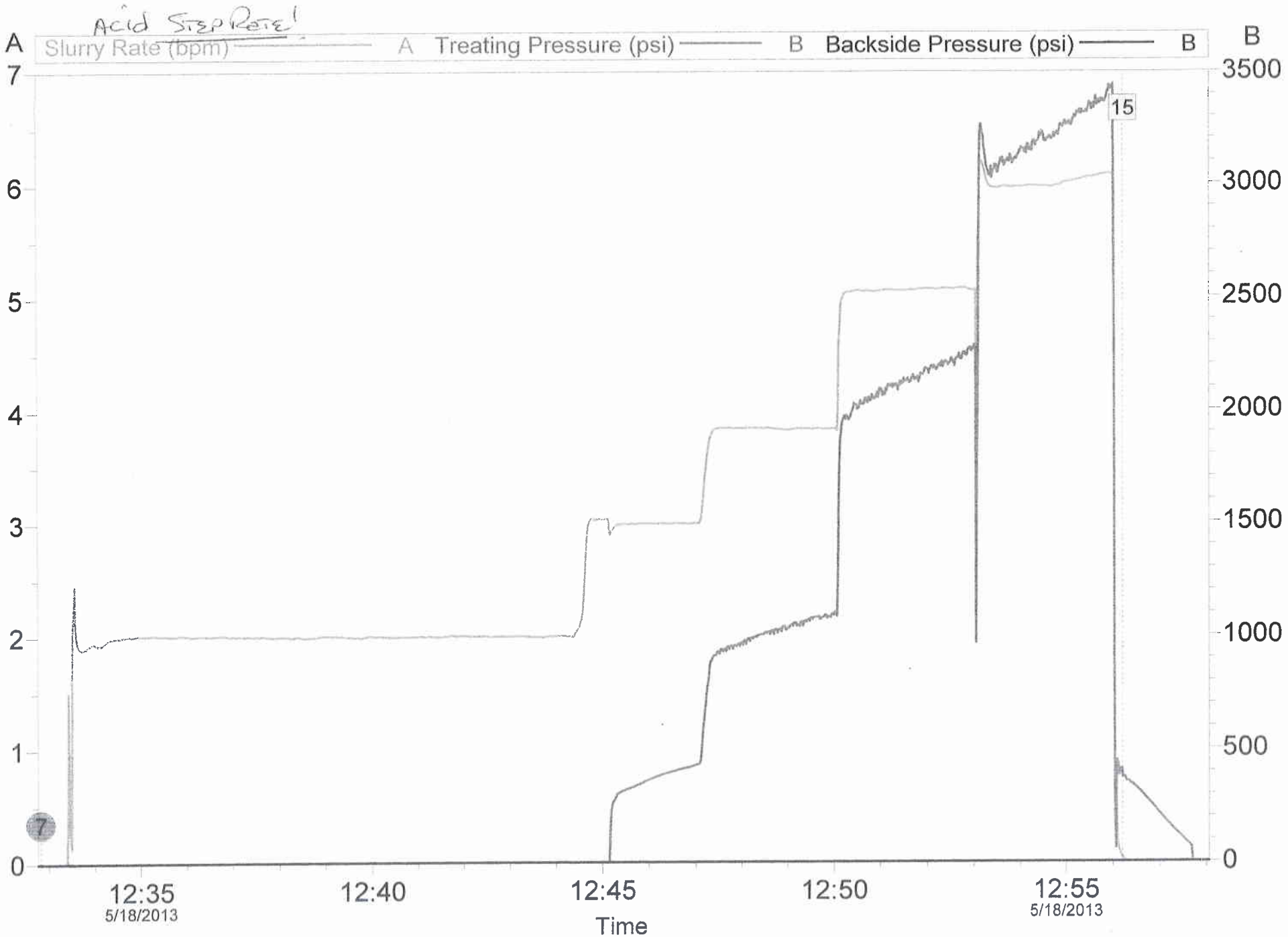
Tubular Cap.	Bbl/ft	Ft3/ft
Tubing (2-1/16")	0.00300	0.01670
Casing (9.3#/ft)	0.00870	0.04880

Annular Cap.	Bbl/ft	Ft3/ft
Tbg x Csg	0.00460	0.02560

TUBULAR GOODS PERFORMANCE

Material	Tensile (lbs)	Burst (psi)	Collapse (psi)	ID (in)	Drift (in)
2 1/16	49,070	7,280	7,690	1.751	1.657
3 1/2	142,460	6,990	7,400	2.992	2.867

Prepared By: wjh
Date: 05/28/13

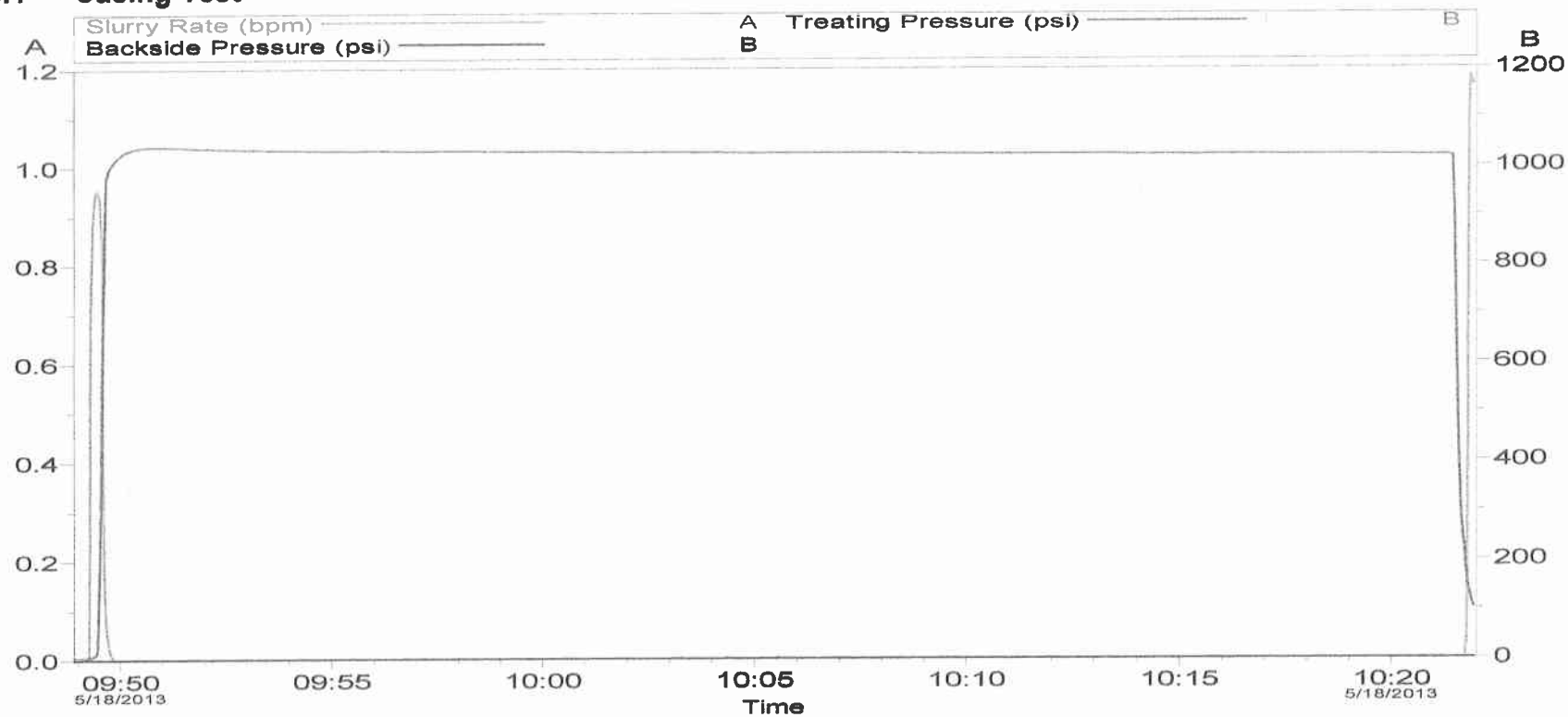


Customer:	RIM OPERATING	Job Date:	18-May-2013	Sales Order #:	900409383
Well Description:	Shell Government C-2	UWI:	43037100120000		

INSITE for Stimulation v4.3.1
18-May-13 13:09

5.0 ATTACHMENTS

5.1 Casing Test



Customer:	RIM OPERATING	Job Date:	18-May-2013	Sales Order #:	900409383
Well Description:	Shell Government C-2	UWI:	43037100120000		

HOLCOMB OIL AND GAS, INC.

P.O. Box 2058 • Farmington, NM 87499 • Phone: (505) 326-0550 • Fax: (505) 326-2149

April 7, 2016

RECEIVED
APR 22 2016
DIV. OF OIL, GAS & MINING

Bart Kettle
Environmental Scientist
State of Utah
Department of Natural Resources
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, UT 84114-5801

RE: Shell Govt C-2, API # 43-037-10012
San Juan County, UT

20 40S 23E

Mr. Kettle:

As follow up to your letter dated March 3, 2016 and our later conversations, this letter presents the results of our investigation on the referenced well.

Immediately after your call on March 1 – 2, 2016 we sent our field personnel to the C-2 location to validate the pressure readings and develop a plan to test the integrity of the 3 ½" cemented liner and 2 1/16" tubing. We hired a local water hauler to hook up to the annulus and opened the valve. A slight blow was detected that bled to zero immediately. He added a fractional barrel of water, filing the annulus. He then began injecting water down the tubing to1200 psi and observed zero pressure on the casing-tubing annulus.

We have monitored the annulus pressure since this date and the gauges show 0 psig on the annulus and 480 psig on the tubing. It is our opinion that the pressure observed during your visit was caused by the thermal expansion. We will continue to monitor the situation.

Sincerely,

William J. Holcomb

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

G R. HERBERT
Governor

G ORY S. BELL
Lieutenant Governor

March 3, 2016

Certified Mail# 7015 0640 0003 5275 9802

R perating Inc.
5 ness Dr E
E wood, CO 80112

SUECT: Plan of action for Shell Govt C-2, API# 43-037-10012, San Juan County, Utah:

G nen:

On March 1, 2016 the Shell Govt C-2 well was observed to have equalized tubing and an pressure of 400 psi on respective gauges. Observation at the well site indicates this well do t have mechanical integrity. I'm issuing this letter as a reminder that under the U ground Injection Control program (UIC) operators are allowed 180 days to plug or repair C l UIC wells with compromised mechanical integrity. Plans to repair, or plug well shall be s ted to the Division within 30 days, by April 4, 2016. Well shall be repaired or plugged wi 180 days or by August 30, 2016.

R se should be directed to:

Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, UT 84114-5801

If you have questions feel free to contact me at (435) 820-0862.

Sincerely,

Bart Kettle
Environmental Scientist

bk/dj/js

cc: Dan Jarvis, Operations Manager
Compliance File

GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

March 3, 2016

Certified Mail# 7015 0640 0003 5275 9802

Rim Operating Inc.
5 Inverness Dr E
Englewood, CO 80112

SUBJECT: Plan of action for Shell Govt C-2, API# 43-037-10012, San Juan County, Utah:

20 40S 23E

Gentlemen:

On March 1, 2016 the Shell Govt C-2 well was observed to have equalized tubing and annulus pressure of 400 psi on respective gauges. Observation at the well site indicates this well does not have mechanical integrity. I'm issuing this letter as a reminder that under the Underground Injection Control program (UIC) operators are allowed 180 days to plug or repair Class II UIC wells with compromised mechanical integrity. Plans to repair, or plug well shall be submitted to the Division within 30 days, by April 4, 2016. Well shall be repaired or plugged within 180 days or by August 30, 2016.

Response should be directed to:

Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, UT 84114-5801

If you have questions feel free to contact me at (435) 820-0862.

Sincerely,

Bart Kettle
Environmental Scientist

bk/dj/js

cc: Dan Jarvis, Operations Manager
Compliance File
Well File

Dan Jarvis <danjarvis@utah.gov>

MIT for C-2, Rim Operating

1 message

Brown, Jeffrey <j4brown@blm.gov> Fri, Sep 23, 2016 at 2:23 PM
To: danjarvis@utah.gov

Held like a rock, Tom Fox insisted that we held the pressure for at least 30 minutes. I will send original chart please send your address. Packer is set @5418' with 167 joints in the well. The hole was located at 2497.46'. They are pickling the the well inside and out with corrosion inhibitor as well as the flow line.

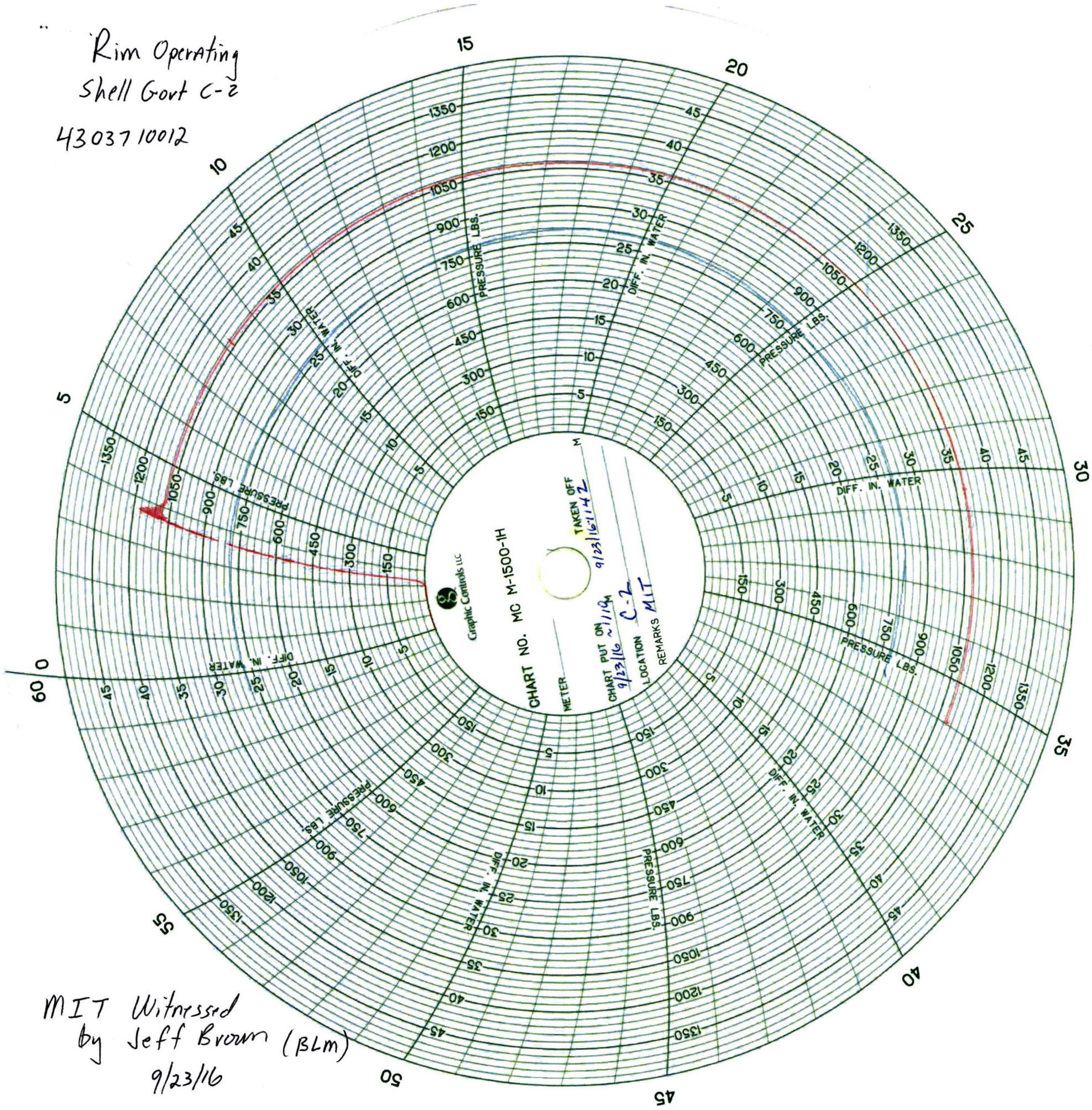
--
Jeff Brown
Petroleum Engineering Technician
Bureau of Land Management
Monticello Field Office
(435) 587-1525

43-037-10012
Rim Operating.
Shell Govt C-2
20 40S 23E

3891_001 (4).pdf
293K

Rim Operating
Shell Govt C-2

4303710012



MIT Witnessed
by Jeff Brown (BLM)
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