

During Dec. 1961, this well was connected
to a gas line.

FILE NOTATIONS

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

Checked by Chief MS
Copy NID to Field Office _____
Approval Letter In Unit
Disapproval Letter _____

COMPLETION DATA:

Date Well Completed 5-31-61
OW _____ WW _____ TA _____
GW OS _____ PA _____

Location Inspected _____
Bond released _____
State of Fee Land _____

LOGS FILED

Driller's Log 5-25-61
Electric Logs (No. 1 2)

E _____ I _____ E-I GR _____ GR-N _____ Micro _____
Lat _____ Mi-L _____ Sonic Others _____

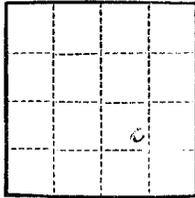
Utah

(SUBMIT IN TRIPLICATE)

Land Office U-0778

Lease No. Rock House

Unit _____



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

January 13, 1961

Well No. 3 is located 1653 ft. from XI line and 1386 ft. from XI line of sec. 11
SE NWSE 11 11 S 23 E S.L.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Rock House Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5989 (Ground) 5825 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)

Estimated Formation Tops:
 Uintah Surface
 Green River 780'
 Wasatch 3239'
 Mesaverde 5023'
 Est. TD 5850'

Casing Program:
 13 3/8" - 36# casing set @ 200'
 Cement to circulate
 5 1/2" - 14-15.5# casing set
 thru all potential gas
 producing zones

To test potential gas sands in the Green River, Wasatch and Mesaverde formations.

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

THE SHAMMOCK OIL & GAS CORPORATION

Company _____

1192 First Security Building

Address _____

Salt Lake City, Utah

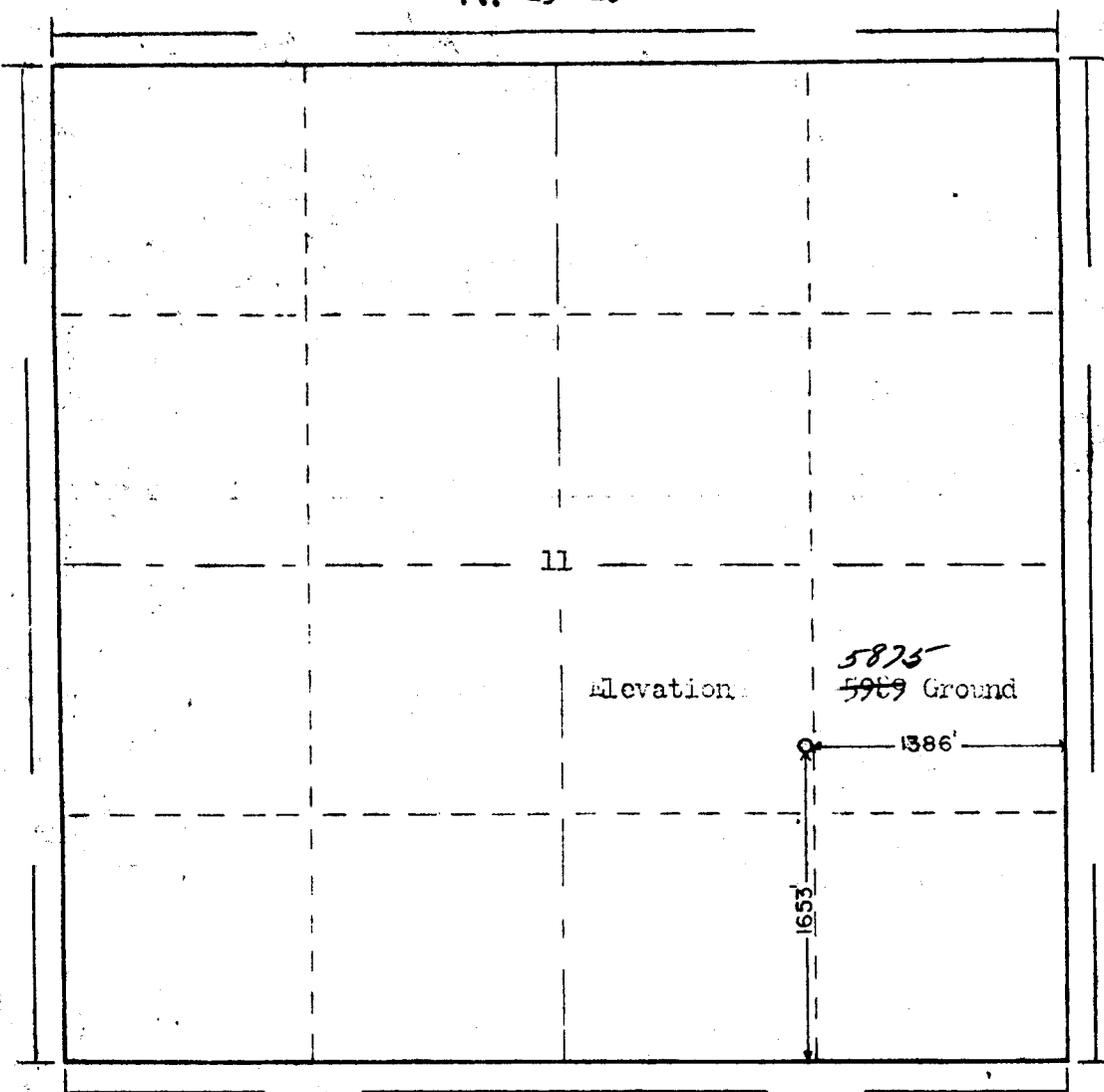
By Ralph Thomas

District Geologist

Title _____

Plot #3 Rock House Unit

R. 23 E.



T.
11
S.

Scale ... 1" = 1000'

Powers Elevation Company of Denver, Colorado
 has in accordance with a request from Mr. Joe Rowell
 for The Shamrock Oil & Gas Corporation determined the
 Location of #3 Rock House Unit
 to be 1653'FS & 1386'FE Section 11 Township 11 South
 Range 23 East 6th Principal Meridian
 Uintah County, Utah

The above Plat shows the location of the well site in said section.

Powers Elevation Company

by: _____
Registered Land Surveyor

Date: 12-24-60

POOR COPY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Utah
LAND OFFICE
LEASE NUMBER U-0778
UNIT Rock House

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field _____

The following is a correct report of operations and production (including drilling and producing wells) for the month of Feb. 1 - March 3, 61

Agent's address 1192 First Security Bank Bldg. Company The Shamrock Oil & Gas Corp.

Salt Lake City, Utah

Signed [Signature]

Phone DA 8-0165

Agent's title Geologist

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 11 NW SE	11S	23E	3							
										Spudded 2-4-61
										2-6-61 Set 13 3/8" csg. at 236' w/250 sacks
										2-12-61 DST #1: 2892-2940 - 5/8" bottom choke, 1" top choke. Tool SI 30", open 1', FSI 30"; had weak blow immediately, died in 2". Rec 10' drilling mud, no show. FP 61-92#, SIP 1102-184#, HH 1448-1417#.
										2-17-61 DST #2: 4096-4112 - SI 30", open 1'. Had good blow immediately. Gas to surface in 30", measured 8 MCF. Rec 15' gas-cut mud. ISIP 892#, FSIP 1772#/30"; FP 46/61#, HH 2158-2096#.
										2-19-61 DST #3: 4295-4311 - 1" top choke, 5/8" bottom choke. SI 30", open 70", FSI 45". Had a good blow immediately. Gas to surface in 7"; gg. 20 MCF/15", 27 MCF/30", 30 MCF/45", 30 MCF/60". Rec. 15' gas-cut mud; FP 46/61#, SIP 1956/1818#, HH 2251/2236#.
										2-21-61 DST #4: 4531-44 - 5/8" bottom choke, 1" top choke. SI 30", open 1', FSI 45". Had good blow immediately. Gas to surface in 4". gg 100 MCF/15", 115 MCF/30", 115 MCF/45", 115 MCF/56". Rec 1' of gas-cut mud. FP 36/46#, SIP 2009/1901#, HH 2376/2345#.
										2-27-61 DST #5: 5309-33 - SI 30", open 67", FSI 30". Had weak blow immediately, continued thruout test. No gas to surface. Rec 30' gas-cut mud. FP 30/30#, SIP 353/291#, HH 2766/2750#.
										3-1-61 DST #6: 5607-5639 - 5/8" bottom choke, 1" top choke. SI 30", open 1'40", FSI 30". Had fair blow immediately. Gas to surface in 20". gg 75 MCF. Rec 40' gas-cut mud. FP 61/76#, SIP 953/2392#, HH 2968/2937#.
										3-3-61 DST #7: 5831-5851 - SI 30", open 1', FSI 45". Gas to surface in 6". gg 20 MCFPD. Rec 30' of gas-cut mud. SIP 2147/1928#, FP 40/47#, HH 3172/3165#.

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

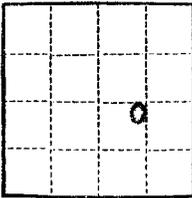
_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

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.

112

(SUBMIT IN TRIPLICATE)

Land Office Utah
Lease No. U-0776
Unit Rook House



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.....	
Notice of Intention to run casing <input checked="" type="checkbox"/>	

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

March 7, 19 61

Well No. 3 is located 1653 ft. from XX line and 1386 ft. from EW line of sec. 11
SE/4 11 11 S 23 E S.L.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Uintah Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5909 ft. ⁵⁸⁷⁵ (Ground)

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 to a total depth of 5940'.

TOPS BY ELECTRIC LOGS
Wasatch 3270'
Mesaverde 5178'

Request permission to run the following casing to 5940':

- 900.26 feet of N-80, 23#, 7" cas.
- 1013.71 feet of J-55, 23#, 7" cas.
- 4033.74 feet of J-55, 20#, 7" cas.

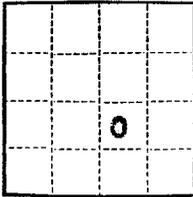
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company THE SHAMROCK OIL & GAS CORPORATION

Address 1192 First Security Bank Bldg.

Salt Lake City, Utah

By Robert J. Hooper
Title Geologist



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
Lease No. U-0778
Unit Rock House

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
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NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....	<u>Subsequent Report of Running Casing XX</u>

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

March 7, 1961

Well No. 3 is located 1653 ft. from N line and 1386 ft. from E line of sec. 11
SE/4 11 11 S 23 E S.L.M.
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Utah Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~derrick floor~~ above sea level is 5825 ft. 6

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)

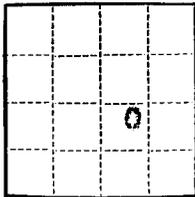
Ran 900.26 feet of N-80, 23#, 7" casing; 1013.71 feet of J-55, 23#, 7" casing; 4033.74 feet of J-55, 20#, 7" casing. Total of 5947.71 feet (191 joints) of 7" casing. Set casing at 5940'. Ran Baker guide shoe and flood-flo float collar and a Baker J-1 stage collar.

First Stage Cement - 40 bbls. of wtr. with 200% of G-Broxin added, followed with 180 sacks of common cement with .3% HR-4 retarding agent, 16 1/2 slurry; displaced at 17 bbls. per minute. Pumped plug to float at 5912.

Second Stage Cement - 40 bbls. of wtr. with 200% of G-Broxin, followed with 300 sacks of common cement with .3% HR-4 retarding agent, 16 1/2 slurry. Displaced at 17 bbls. per minute. Pumped plug to stage collar at 4700'.

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

Company THE SHAMROCK OIL & GAS CORPORATION
Address 1192 First Security Bank Bldg.
Salt Lake City, Utah
By Karl L. Thomas
Title Geologist



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
U-0778
Lease No. _____
Unit Rock House

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 SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			
Notice of intention part. & Test	XX		
(Mesaverde)			

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

March 20, 1961

Well No. 3 is located 1653 ft. from DN line and 1386 ft. from E line of sec. 11
SE/4 11 11 S 23 E S.L.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Utah Utah Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5875 ft. (Ground)

DETAILS OF WORK

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

Request permission to perforate and test the following zones: 5872-92, 5828-42, 5612-32.

Request permission to set Model D production packer at 5580'.

Request permission to co-angle production from the following Mesaverde sands: 5872-92, 5828-42, 5612-32.

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

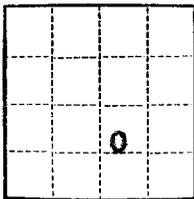
Company The Shamrock Oil & Gas Corporation

Address 1192 First Security Bank Bldg.

Salt Lake City, Utah

By Ralph Thomas

Title Geologist



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
Lease No. U-0778
Unit Rock House

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	
Notice of intention to perf. & test <u>II</u>	

(~~Yesetch~~)

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

March 20, 1961

Well No. 3 is located 1653 ft. from MX line and 1386 ft. from E line of sec. 11

3E/4 11 11 S 23 E S.L.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is ~~5989~~ ⁵⁸⁷⁵ ft. (Ground)

DETAILS OF WORK

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

Request permission to perforate and test 5050-60 (~~Yesetch~~).

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

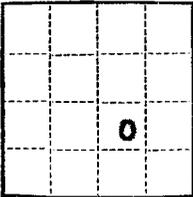
Company The Chasrook Oil & Gas Corporation

Address 1192 First Security Bank Bldg.

Salt Lake City, Utah

By Ralph Thomas

Title Geologist



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
Lease No. U-0778
Unit Rock House

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 SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....	
Notice of intention to squeeze and re-part & test. XX	

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

March 20, 1961

Well No. 3 is located 1653 ft. from N line and 1386 ft. from E line of sec. 11

SE/4 11 (1/4 Sec. and Sec. No.) 11 S 23 E (Twp.) S. L. M. (Meridian)
Utah (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is ⁵⁸⁷⁵~~5989~~ ft. (Ground)

DETAILS OF WORK

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

Request permission to squeeze perforations 5050-5060 and perforate and test the following zones: 4528-38, 4458-62.

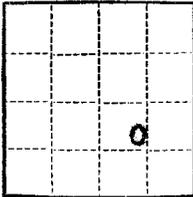
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Shasrook Oil & Gas Corporation

Address 1192 First Security Bank Bldg.
Salt Lake City, Utah

By Ralph Thomas

Title Geologist



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
Lease No. U-0778
Unit Book House

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
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NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	<u>Subsequent report of perforating & testing (Wasatch)</u>	<u>XX</u>

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

March 20, 1961

Well No. 3 is located 1053 ft. from NX line and 1306 ft. from E line of sec. 11

SE/4 11 11 S 23 E S.L.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Utah Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5875 ft. (Ground)

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)

Perforated with 4 shots per foot from 5050-5060. (Wasatch)
Treated with 35 bbls. diesel pre-flush, 10,000 gal. gelled diesel, 5750# 20-40 mesh sand, 300# walnut hulls, 500# Mark-2 adomite, 20 gals. fre-flow. Flushed with 40 bbls. diesel. Formation breakdown pressure 4800#; injection rate 10 bbls. per minute; instantaneous shut down pressure 2200#, decreased to 1800# in 30 minutes. Opened well. Flowed 32 bbls. diesel. Started swabbing. Swabbed load oil, 95% water and a slight show of gas ahead of swab.

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

Company The Shinarump Oil & Gas Corporation

Address 1192 First Security Bank Bldg.

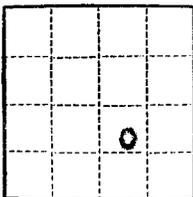
Salt Lake City, Utah

By Lalpl Thomas

Title Geologist

(SUBMIT IN TRIPLICATE)

Land Office Utah
Lease No. U-0776
Unit Rock House



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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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	<u>Subsequent report of squeezing & re-perforating and testing.</u>	<u>XX</u>

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

March 20, 1961

Well No. 3 is located 1653 ft. from YN line and 1386 ft. from E line of sec. 11

E/4 11 11 S 23 E T. 12 N.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5875 ft. (Ground)

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)

Ran Baker cementer and set at 5030'. Mixed 150 sacks of pozmix cement. Squeezed perforations from 5050-60 at 4500# with 130 sacks in formation. Reversed out 15 sacks of cement.

Perforated 4 shots per foot with 4-inch shaped charges from 4528-38, 4458-62. Treated perms. from 4528-38 with 40 bbls. of diesel pre-flush, 15,000 gal. galled diesel, 10,800# 20-40 mesh sand, 300# walnut shells, 750# Mark-2 admite, 30 gals. fre-flow; flushed w/40 bbls. diesel. Formation broke at 3600#. Treated at 4800#; injection rate 11 bbls. per minute. One pump went down with 1/2 of treatment in formation. Finished treatment at 8 bbls. per minute and 3800# treating pressure. Opened well. Flowed 103 bbls. diesel in one hour. Well kicked off and making gas - gg. 3.310 million cubic feet of gas.

(Continued on back)

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

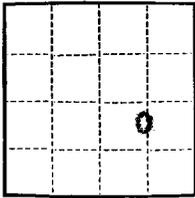
Company The Shamrock Oil & Gas Corporation

Address 1192 First Security Bank Bldg.

Salt Lake City, Utah

By Ralph Thomas

Title Geologist



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
Lease No. 11-0778
Unit Rock House

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NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			
Notice of intention to perf. & test XX			

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

March 23, 1961

Well No. 3 is located 1653 ft. from XX line and 1386 ft. from E line of sec. 11
SE/4 11 11 S 23 E S.L.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Utah
(County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5875 ft. (Ground)
~~5989~~

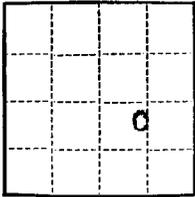
DETAILS OF WORK

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

Request permission to perforate and test the following zones: 4368-74, 4296-4306, 4096-4106.

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

Company The Hamrock Oil & Gas Corporation
Address 1192 First Security Bank Bldg.
Salt Lake City, Utah
By Ralph W. Norman
Geologist
Title _____



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
Lease No. U-0778
Unit Rock House

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.....	<u>Subsequent report of perforating and testing.</u>	<u>XXX</u>

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

March 23, 19 61

Well No. 3 is located 1653 ft. from NY line and 1386 ft. from E line of sec. 11
SE/4 11 11 S 23 E S. 23 N.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Utah Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5875 ft. (Ground)

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)

Perf. with 4" shaped charges from 4368-74, 4296-4306, 4096-4106. Ran Lyons packers. Straddled perfs. 4096-4106. Opened below packers. Treated perfs. 4368-74 and 4296-4306 with 30 bbls. diesel pre-flush, 12,900 gal. gelled diesel, 11,300# 20-40 sand, 300# walnut shells, 750# Mark-2 adomite, 20 gals. fre-flow. Flushed with 33 bbls. diesel. Formation broke at 3000#. Treated at 4700# at 12 bbls. per minute. Imed. standing pressure 2100#. 15 min. standing pressure 1800#. Closed below packers. Opened between packers. Treated perfs. 4096-4106 with 30 bbls. diesel pre-flush, 5000 gal. gelled diesel, 2000# 20-40 sand, 300# walnut shells, 250# Mark-2 adomite, 10 gal. fre-flow. 1 hour 15 min. breaking formation at 6000#. Started pumping in at 6000# at 4 bbls. per minute. Broke to 3600# at 8 bbls. per minute with 1/4 sand in formation. Screened out with 10 bbls. flush in tbg; 100# walnut shells in formation. Flowed back 40 bbls. in 2 1/2 hours and died. Opened below packers. Flowed back 50 bbls. in 3 hrs. and well kicked off flowing gas - gg. 1,250 MCF with spray of diesel.

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

Company The Shamrock Oil & Gas Corporation
Address 1192 First Security Bank Bldg.
Salt Lake City, Utah
By Lloyd Spomer
Title Geologist

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R366.5
Approval expires 12-31-60.

LAND OFFICE Utah
LEASE NUMBER
UNIT Rock House

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field

The following is a correct report of operations and production (including drilling and producing wells) for the month of March, 19 61.

Agent's address 1192 First Security Bank Bldg. Company The Shamrock Oil & Gas Corp.
Salt Lake City, Utah

Phone DA 8-0165 Signed Ralph Whinn Agent's title Geologist

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL No.	Date Produced	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause, date and result of test for gasoline content of gas)
Sec. 10 SE SE	11S	23E	1	(Lease No. U-0779)						(This report filed in lieu of State Form 0900-5.) 2,200 MCF Gas used to drill Rock House #3 Well.
Mar. 1-22				22						
Sec. 15 SE SE	11S	23E	2	(Lease No. U-0780)						Well was shut in and temporarily abandoned on January 25, 1961.
Sec. 11 NW SE	11S	23E	3	(Lease No. U-0778)						
3-5-61	DST #8:			5871-5900 - 5/8" bottom choke, 1" top choke, SI 30" open 3', PSI 30". Gas to surface in 22", ga. 17 MCF in 15" to 88 MCF in 2'30". Rec 110' GCM, FP 30/89#, SIP 892/2360#, HH 2872/2844#.						
3-6-61	DST #9:			5925-40 - 5/8" bottom choke, 1" top choke. SI 30", open 1', PSI 30". Had weak blow immediately, continued thruout test. Rec 50' drilling mud; FP 20/20#, SIP 161/121#, HH 2975/2975#.						
3-7-61				Laid down drill pipe and ran 900.26 feet of N-80 23# 7" casing, 1013.71 feet of J-55 23# 7" casing, 4033.74 feet of J-55 20# 7" casing. Total of 5947.71 feet. Set casing at 5940'. Ran Baker guide shoe and flex-flo float collar and a Baker J-1 stage collar at 4700' with petal basket at 4731'. Cemented in two stages. <u>First Stage:</u> 40 bbls. of wtr with 200# of Q-broxin added followed with 180 sacks of common cement with .3% HR-4 retarding agent, 16 1/2 slurry. <u>Second Stage:</u> 40 bbls. of wtr. with 200# of Q-broxin followed with 300 sacks of common cement with .3% HR-4 retarding agent, 16 1/2 slurry.						
3-9-61				Nippled up. Ran Schlumberger cement bond log. Ran Gamma Ray correlation log.						

Note.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold; _____ 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.

(Rock House No. 3 - Continued)

- 3-10-61: Perf. with 3-5/8" capauls jets from 5872-92, 5828-42, 5612-32. Ran Lyons straddle packer. Straddled perfs. 5612-32. Opened below packers. Treated perfs. 5828-42, 5872-92 with 40 bbls. diesel, 20 gal. free-flow added, 10,000 gal. gelled diesel w/500# Mark-2 adomite, 4500# 20-40 sand, 200# walnut shells and 40 bbls. diesel flush. Formation broke at 5200#. Treated at 5600-5200# at 8 1/2 bbls. per minute. Closed Lyons tool. Opened between packers. Treated perfs. 5612-32 with 40 bbls. diesel pre-flush with 20 gal. free-flow added, 10,000 gal. gelled diesel with 500# Mark-2 adomite, 7500# sand, 300# walnut shells and 50 bbls. diesel flush. Formation broke at 4800#. Treated at 11 bbls. per minute, at 5000#. Closed between packers. Opened below. Flowed back 30 bbls. diesel. Well kicked off flowing; maximum gg. 1.420 million cubic feet of gas. Opened between packers. Well flowed 40 bbls. diesel load in 2 hours and died.
- 3-14-61: Pulled Lyons packers. Set Baker Model D packer at 5580'. Perf. w/4 shots per foot from 5100-5102'. Ran Baker retrievable bridge plug and full bore cementer. Set bridge plug at 5210'. Set full bore cementer at 5030'. Broke formation at 2500#. Mixed 100 sacks pozmix cement. Pumped in at 2200#. Did not squeeze. Second Stage Squeeze: Pumped into formation at 3700#. Mixed 100 sacks pozmix. Squeezed at 4500# with 90 sacks in formation. Raised and set Baker full bore cementer at 4985#. Perf. from 4996-4998. Broke formation at 5500#. Mixed 50 sacks of pozmix cement. Squeezed to 4500# with 43 sacks of cement in formation.
- Perf. w/4 shots per foot from 5050-5060. Treated with 35 bbls. diesel pre-flush, 10,000 gal. gelled diesel, 6750# 20-40 mesh sand, 300# walnut hulls, 500# Mark-2 adomite, 20 gals. free-flow. Flushed w/40 bbls. diesel. Formation breakdown pressure 4800#; injection rate 10 bbls. per minute. Opened well and flowed back 32 bbls. diesel in 2 hours. Started swabbing. Swabbed diesel - 95% water and a slight show of gas ahead of swab. Squeezed perf. from 5050-60 at 4500# w/130 sacks in formation. Reversed out 15 sacks of cement.
- Perf. with 4 shots per foot from 4528-38, 4458-62. Set Lyons packers at 4440 and 4480. Treated perfs. from 4528-38 w/40 bbls. of diesel pre-flush, 15,000 gallons gelled diesel, 10,800# 20-40 mesh sand, 300# walnut shells, 750# Mark-2 adomite, 30 gals. free-flow; flushed w/40 bbls. diesel. Formation broke at 3600#. Treated at 4800# at 11 bbls. per minute. One pump went down with 1/2 treatment in formation. Finished treatment at 8 bbls. per minute and 3800# treating pressure. Treated perfs. 4458-62 w/40 bbls. diesel pre-flush, 5000 gal. gelled diesel, 3730# 20-40 sand, 300# walnut shells, 250# Mark-2 adomite, 10 gal. free-flow; flushed with 40 bbls. diesel. Formation broke at 2500#. Treated at 4800# at 11 bbls. per minute. Opened well. Flowed back 60 bbls. in 1 1/2 hrs. Started swabbing and well kicked off flowing - maximum gg. 1.630 million cubic feet of gas.
- Perf. with 4" shaped charges from 4368-74, 4296-4306, 4096-4106. Ran Lyons packers. Set top packer at 4078'. Bottom packer at 4118'. Straddled perfs. 4096-4106. Opened below packers. Treated perfs. 4368-74 and 4296-4306 with 30 bbls. diesel pre-flush, 12,900 gallons gelled diesel, 11,300# 20-40 sand, 300# walnut shells, 750# Mark-2 adomite, 20 gals. free-flow. Flushed with 33 bbls. diesel. Formation broke at 3000#. Treated at 4700# at 12 bbls. per minute. Closed below packers.

(Continued next page)

POOR COPY

(Rock House No. 3 Contd)

Opened between packers. Treated perfs. 4096-4106 w/30 bbls. diesel pre-flush, 5000 gal. galled diesel, 2000# 20-40 sand, 300# walnut shells, 250# Mark-2 admite, 10 gal. pre-flow. Opened well; flowed back 40 bbls. in 2 1/2 hours and died. Opened below packers. Flowed back 50 bbls in 3 hours and well kicked off flowing gas - maximum gg. 1.250 million cubic feet of gas. Opened between packers. Started swabbing and well kicked off, made an estimated 2.000 million cubic feet of gas. Stabilized at 734 MCF with slight spray of diesel.

3-25-61: Ran a long string of tubing - total of 5571 feet. Set at 5580'.
Ran short string of tubing - total of 4506.50 feet. Set at 4516'.
Started swabbing long string. Pulled swab from 1000 feet. Well kicked off flowing - maximum gg. 1.450 million cubic feet of gas, with spray of diesel.

Displaced mud from short string and annulus with diesel. Well flowed 30 bbls. in 10 hours. Started unloading. Well died. Started swabbing and well kicked off - maximum gg. 1.300 million cubic feet. Shut well in. Opened next morning gg. 1.930 million cubic feet of gas.

Released rig at 6:00 P.M. 3-26-61.

3-27-61: Flowed and gauged well.

3-30-61: Shut well in.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Utah
LEASE NUMBER _____
UNIT Block House

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field _____

The following is a correct report of operations and production (including drilling and producing wells) for the month of April, 1961.

Agent's address 1192 First Security Bank Bldg. Company The Shamrock Oil & Gas Corp.
Salt Lake City, Utah Signed Ralph [Signature]

Phone DA 8-0165 Agent's title District Geologist

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 10 SE SE	11S	23E	1							(Lease No. U-0779) - Well shut in awaiting pipeline outlet.
Sec. 15 SE SE	11S	23E	2							(Lease No. U-0780) - Well was shut in and temporarily abandoned on January 25, 1961.
Sec. 11 NW SE	11S	23E	3							(Lease No. U-0778) - Well shut in March 30, 1961, waiting for completion. Well was opened and tested on the following days: 4-6-61: <u>Wasatch</u> - After 5 day shut in had 1575# on casing and tubing. gas tested 2,060 MCF per day. 4-13-61: <u>Wasatch</u> - Had 2200# on tubing. 4-13-61: <u>Wasatch</u> - Had 1550# on casing and tubing. Gas measured 2,250 MCF per day with spray of distillate. 4-27-61: <u>Wasatch</u> - Shut in pressure 1550#. 2 hour blow down gas gauged 2,530 MCF per day. waiting on potential test.
Sec. 9 SE NW	11S	23E	4							(Lease No. U-0779) - Spud 4-17-61 Set 13 3/8" casing at 227' with 300 sacks poxmix with 2% calcium chloride, 75# flo-seal. DST #1 - 3598-3626: Had leak in drill pipe when on bottom. Palled out of hole. Went in hole with bit - conditioned mud. DST #1-A - 3598-3626: Had 10' of shale in hole. Slid packer 10'. Had weak blow immediately - died in 1 hour. By-passed tool in 30 minutes. Palled out of hole. DST tools were plugged. Went in hole with bit. Circulated and conditioned mud. DST #1-B - 3598-3626, SI 30", Op. 2 1/2', SI 30". GTS in 2"; 30" gg 2,306 MCF, insr to 3,500 MCF in 2 1/2'. Res 5' GCM w/shaw of distillate. FP 367-644, SIP 1708-1678, MH 1787-1772.

(Continued - Next Pg)

Note.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold; _____ 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.

Lessee's Monthly Report of Operations - April, 1961

Rock House Unit No. 4 Well - Cont'd

DST #2 - 3763-3777, SI 30", Op. 2 $\frac{1}{2}$ ', SI 35"; FTS in 4". 30" 22. 192 MCF increased to
366 MCF in 2 $\frac{1}{2}$ '. Rec 5' GCM with show of distillate. SIP 1706-1647#,
FP 31-53, HH 1850-1819#.

POOR COPY
POOR COPY

U.S. LAND OFFICE Utah
SERIAL NUMBER U-0778
LEASE OR PERMIT TO PRODUCE Rock House Unit

Rec'd Original

Grid for well location coordinates

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company: The Shell Oil & Gas Corporation
Address: 1192 First Security Bank Building
Lessor of Tract: Rock House
Field: State: Utah
Well No.: 2
Sec. 11 T. 43S. R. 23E Meridian Salt Lake County Uintah
Location: 1653 ft. N. of S. Line and 1386 ft. E. of E. Line of Sec. 11
Elevation: 5999

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: [Signature]
Date: May 24, 1961
Title: Geologist

The summary on this page is for the condition of the well at above date.
Commenced drilling: February 4, 1961
Finished drilling: March 7, 1961

OIL OR GAS SANDS OR ZONES table with columns for No., from, to, and (G) or (H) designation.

CASING RECORD table with columns for Size casing, Weight per foot, Thread per inch, Make, Ambient, Kind of shoe, Cut and pulled from, Perforated (From-To), and Purpose.

MUDDING AND CEMENTING RECORD table with columns for Size casing, Where set, Number sacks of cement, Method used, Mud gravity, and Amount of mud used.

PLUGS AND ADAPTERS
Heaving plug: Material: Common Cement; Length: 281; Depth set: 5912
Adapters: Material: [blank]; Size: [blank]

SHOOTING RECORD table with columns for Size, Shell used, Explosive used, Quantity, Date, Depth shot, and Depth cleaned out.

TOOLS USED
Rotary tools were used from 0 feet to 5940 feet, and from - feet to - feet
Cable tools were used from - feet to - feet, and from - feet to - feet

DATES
Well Shut In: May 20, 1961
Producing: May 21, 1961
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: 2760
Gasoline per 1,000 cu. ft. of gas: 1520
Rock pressure, lbs. per sq. in.: 1550

FOLD MARK

No. 3, from 4368 to 4374 (6) No. 6, from 5612 to 5628
 No. 1, from 5050 to 5098 No. 3, from 5828 to 5872
 No. 2, from 5050 to 5098 No. 4, from 5828 to 5872

CASING RECORD

Casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
13 3/8" 48#	48#			2361			4368	4374	Production Gas
				5940			4374	5940	"
							4458	4462	"
							4528	4538	"
							5612	5632	"
							5828	5844	"
							5872	5892	"

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8" 48#	2361	250			
7"	5940	480			

PLUGS AND ADAPTERS

Heaving plug—Material Common Cement Length 281 Depth set 5912
 Adapters—Material Size

SHOOTING RECORD

Shot	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 5940 feet, and from — feet to — feet
 Cable tools were used from — feet to — feet, and from — feet to — feet

DATES

Well Shut In ~~Production~~ May 21, 1961
 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 — Gasoline per 1,000 cu. ft. of gas —
 Rock pressure, lbs. per sq. in. —
 Catch

EMPLOYEES

Driller — Driller
 Driller — Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
770	1370	600	Sand and Shale
1370	1430	60	Dolomite
1430	1640	210	Sand
1640	1800	160	Dolomite
1800	2220	420	Limestone and Shale
2220	2265	45	Sand and Shale
2265	2895	630	Limestone
2895	2920	25	Sand and Shale
2920	2980	60	Limestone
2980	3065	85	Shale
3065	3275	210	Sand
3275	3680	405	Limestone and Shale
3680	3775	95	Sand and Shale
3775	4550	775	Sand
4550	4780	230	Sand and Shale
4780	5940	1160	Sand, Shale and Limestone
			Sand and Shale

FORMATION RECORD—Continued

10 AB 61

FD-206 (4-5)

FROM—	TO—	TOTAL FEET	FORMATION
HISTORY OF NO. 3 ROCK HOUSE WELL			
Spudded 2-4-61			
DST #1:	2892-2940	- 5/8" bottom choke, 1" top choke.	Tool SI 30", open 1', FSI 30"; Had weak blow immediately, closed in 2'. Rec 10' drilling mud, no show.
	FP 61-92#, SIP 1102-184#, HH 1448-1417#.		
DST #2:	4096-4112	- SI 30", open 1'	Had good blow immediately. Gas to surface in 30", measured 8 MCF. Rec 15' gas-cut mud, ISIP 892#, FSIP 1772#/30"; FP 46-61#, HH 2158-2096#.
DST #3:	4295-4311	- 1" top choke, 5/8" bottom choke.	SI 30", open 70", FSI 45". Had a good blow immediately. Gas to surface in 7"; eg. 20 MCF/15", 27 MCF/30", 230 MCF/45", 90 MCF/60". Rec 15' gas-cut mud; FP 46-61#, SIP 1956-1818#, HH 2251-2336#.
DST #4:	4531-44	- 5/8" bottom choke, 1" top choke.	SI 30", open 1', FSI 45". Had good blow immediately. Gas to surface in 4", eg. 100 MCF/15", 115 MCF/30", 115 MCF/45", 115 MCF/56". Rec 1' of gas-cut mud, FP 36-46#, SIP 2009-1901#, HH 2376-2345#.
DST #5:	5309-33	- SI 30", op 67", FSI 30".	Had weak blow immediately, continued thru out test. No gas to surface. Rec 30' gas-cut mud, FP 30-30#, SIP 353-291#, HH 2766-2750#.
DST #6:	5607-5639	- 5/8" bottom choke, 1" top choke.	SI 30", open 1' 40", FSI 30". Had fair blow immediately. Gas to surface in 20", eg. 75 MCF. Rec 40' gas-cut mud. FP 61-76#, SIP 953-2392#, HH 2968-2937#.
DST #7:	5831-5851	- SI 30", open 1', FSI 45".	Gas to surface in 6". eg. 20 MCF. Rec 30' gas-cut mud. SIP 2147-1928#, FP 40-47#, HH 3172-3165#.
DST #8:	5871-5900	- 5/8" bottom choke, 1" top choke.	SI 30", open 3', FSI 30". Gas to surface in 22", eg. 17 MCF in 15", 23 MCF in 30", 31 MCF in 45", 37 MCF in 60", 45 MCF in 75", 57 MCF in 90", 66 MCF in 115", 77 MCF in 145", 88 MCF in 2' 15", 88 MCF in 2' 30". Rec 110' Gas-cut mud, FP 30-89#, SIP 892-2360, HH 2872-2844#.
DST #9:	5925-40	- 5/8" bottom choke, 1" top choke.	SI 30", open 1', FSI 30". Had weak blow immediately, continued thru out test. Rec 50' drilling mud; FP 20-20#, SIP 161-121#, HH 2975-2975#.
Ran Schlumberger at 5900'			
Drilled to 5940'			
Ran 7" casing to 5940'; cemented in 2 stages.			
Ran Schlumberger cement bond and Gamma-Ray correlation logs.			
Perforated w/2 jets per foot 5872-92, 5828-42, 5612-32; straddled perforations 5612-32 w/Lyons straddle packer. Opened below Lyons packers. Fraced perforations 5828-42, 5872-92 w/10,000 gal. gelled diesel plus 4500# 20-40 mesh sand and 200# walnut shells. Formation break down pressure 5200#; treating pressure 5000# at 8 1/2 bbls. per minute. Closed below packers. Fraced perforations 5612-32 w/10,000 gal. gelled diesel, 7500# sd, 300# walnut shells. Formation break down pressure 4800#. Treating pressure 5000# at 11 bbls. per minute. Closed between packers, opened below. Flowed back 30 bbls. diesel. Well kicked off flowing; maximum eg. 1.430 Million cubic feet of gas. Opened between packers. Flowed 40 bbls. diesel in 2 hours and 45 min.			
Pulled Lyons packers. Set Baker Model "D" packer at 5580'. Perforated w/4 per foot from 5100-5102. Set bridge plug at 5210 and full bore cementer at 5080. Squeezed perfs. with 190 sacks common cement in 2 stages. Perforated w/4 per foot from 4996-4998. Squeezed perfs. with 43 sacks common. Perforated w/4 per foot from 5050-60. Fraced w/10,000 gal. gelled diesel, 6750# 20-40 mesh sand, 300# walnut shells. Formation break down pressure 4800#; treating pressure 4600# at 10 bbls. per minute. Opened well and flowed back 32 bbls. diesel in 2 hours. Swbd, 95% water and show gas ahead of swab. Squeezed perforations 5050-5060 w/130 sacks common at 4500#. Reversed out 15 sacks.			

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 to any casing was "detacked" 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 bridges or bridges were put in to test for water, state kind of material used, position, and results of pumping or baffing.

#3 ROCK HOUSE WELL CONTINUED FROM ABOVE

CYCLING RECORD

Perforated w/4 per foot from 4528-38, 4458-62. Set Lyons packers at 4440 and 4480. Fraced perforations from 4528-38 w/15,000 gal. gelled diesel, 10,800# 20-40 mesh sand, 300# walnut shells. Formation break down pressure 3800#, treating pressure 4800# at 11 bbls. per minute. Fraced perforations 4458-62 w/3,900 gal. gelled diesel, 2730# 20-40 mesh sand, 300# walnut shells; Formation break down pressure 2500#; treating pressure 4800# at 11 bbls. per minute. Opened well. Flowed back 30 bbls. diesel in 3 1/2 hours.

Gas to surface at 22", gg. 17 MCF in 15", 23 MCF in 30", 31 MCF in 45", 37 MCF in 60", 45 MCF in 75", 57 MCF in 90", 65 MCF in 105", 77 MCF in 120", 88 MCF in 135", 88 MCF in 150". Rec 110' Gas-cut mud, FP 30-89#, SIP 892-2360, HH 2872-2844#

DST #9: 5925-40 - 5/8" bottom choke, 1" top choke. SI 30", open 1", FSI 30". Had well blow immediately, continued through 50' drilling mud; FP 20-20#, SIP 161-121#, HH 2975-2975#.

Ran Schlumberger at 5900'
 Drilled to 5940'
 Ran 7" casing to 5940'; cemented in 2 stages.
 Ran Schlumberger cement bond and Gamma-Ray correlation logs.
 Perforated w/2 jets per foot 5872-92, 5828-42, 5612-32; straddled perforations 5612-32 w/Lyons straddle packer. Opened below Lyons packers. Fraced perforations 5828-42, 5872-92 w/10,000 gal. gelled diesel plus 4500# 20-40 mesh sand and 200# walnut shells. Formation break down pressure 5200#; treating pressure 5000-5200# at 8 1/2 bbls. per minute. Closed below packers. Fraced perforations 5612-32 w/10,000 gal. gelled diesel, 7500# sd, 300# walnut shells. Formation break down pressure 4800#. Treating pressure 5000# at 11 bbls. per minute. Closed between packers, opened below. Flowed back 30 bbls. diesel. Well kicked off flowing; maximum gg. 1.400 Million cubic feet of gas. Opened between packers. Flowed 40 bbls. diesel in 2 hours and well died.
 Pulled Lyons packers. Set Baker Model "D" packer at 5580'. Perforated w/4 per foot from 5100-5102. Set bridge plug at 5210 and full bore cementer at 5080. Squeezed perfs. with 190 sacks common cement in 2 stages. Perforated w/4 per foot from 4996-4998. Squeezed perfs. with 43 sacks common. Perforated w/4 per foot from 5050-60. Fraced w/10,000 gal. gelled diesel, 6750# 20-40 mesh sand, 300# walnut shells. Formation break down pressure 4800#; treating pressure 4600# at 10 bbls. per minute. Opened well and flowed back 32 bbls. diesel in 2 hours. Swbd. 95% water and show gas ahead of swab. Squeezed perforations 5050-5060 w/130 sacks common at 4500#. Released out 15 sacks.

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 re-drilling, 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 "struck" 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 bridges or bridges were put in to test for water, state kind of material used, position, and results of pumping or balling.

#3 ROCK HOUSE WELL CONTINUED FROM ABOVE

CHRONIC RECORD

Perforated w/4 per foot from 4528-38, 4458-62. Set Lyons packers at 4440 and 4480. Fraced perforations from 4528-38 w/15,000 gal. gelled diesel, 10,800# 20-40 mesh sand, 300# walnut shells. Formation break down pressure 3600#, treating pressure 4800# at 11 bbls. per minute. Fraced perforations 4458-62 w/15,000 gal. gelled diesel, 10,800# 20-40 mesh sand, 300# walnut shells; Formation break down pressure 2500#; treating pressure 4800# at 11 bbls. per minute. Opened well. Flowed back 60 bbls. diesel in 12 hours. Swabbed and well kicked off. Maximum gg. 1.630 Million cubic feet of gas per day.
 Perforated w/4 per foot from 4368-74, 4296-4306, 4096-4106. Straddled perforations 4096-4106 w/Lyons straddle packer. Opened below packers. Opened below packers. Fraced perforations 4368-74 and 4296-4306 w/12,900 gal. gelled diesel, 11,300# 20-40 mesh sand, 300# walnut shells. Formation break down pressure 3300#; treating pressure 4700# at 12 bbls. per minute. Closed below packers. Opened between packers. Fraced perforations 4096-4106 w/5,000 gal. gelled diesel, 2000# 20-40 mesh sand, 300# walnut shells. Opened well. Flowed 40 bbls. diesel in 2 hours & died. Opened below packers. Flowed 50 bbls. diesel in 3 hours and well kicked off. Maximum gg. 1.750 Million cubic feet of gas per day. Opened between packers. Swabbed and well kicked off. Gas est. at 2,000 Million cubic feet of gas per day - stabilized at 734 MCF w/sli spray of diesel.
 Set long string of tubing at 7870 feet.
 Set short string of tubing at 4516 feet.
 Swbg. long string from 1000 feet and well kicked off - Maximum gg. 1.450 Million cubic feet of gas w/spray of diesel.
 Displaced mud from short string and annulus w/diesel. Flowed 30 bbls. diesel in 10 hours and well died. Swabbed and well kicked off. Maximum gg. 1.300 Million cubic feet of gas.
 Shut in overnight. Opened next morning. Maximum gg. 1.930 Million cubic feet of gas.

COMPLETION REPORT

Wasatch Sand: AOF 2.760 Million cubic feet of gas per day, SICP 1550#.
 Date Completed 3-27-61.
 Mesaverde Sand: AOF 1.420 Million cubic feet of gas per day, SITP 2350#.
 Date Completed 3-27-61.

TOTAL OF OIL OR GAS WELL

GEOLOGICAL SURVEY
 DEPARTMENT OF THE INTERIOR
 UNITED STATES

51967

New Well X
 Workover.....
 Re-Test.....
 Reclassified.....
 Oil to Gas.....

**RAILROAD COMMISSION OF TEXAS
 OIL AND GAS DIVISION**

Form GWT-1
 Back Pressure Test
 for Gas Wells
 (Rev. 9-28-53)

RRC Dist. Field Mesaverde Reservoir County Uintah, Utah
 Operator Shamrock Oil & Gas Corp. Lease Rock House Unit Well No. 3-LT
 Field Office Address P. O. Box 631, Amarillo, Texas
 Date of Test 6-21-61 Acres None Pipe Line Conn. Survey Twp. 11 S, Rge. 23 E
 Gravity (Raw Gas) .66 est. Avg. Shut-In Temp. None Bottom Hole Temp. 144 F @ 5580
 Size CSG 7" Wt./Ft. None Lbs. I. D. CSG Set at 5940
 Size TBG 2 3/8" Wt./Ft. None Lbs. I. D. TBG Set at 5580
 Prod. Section From 5612 - 5892 Avg. Prod. Length, (L) 5752
 Elevation 5998 D. F. Date of Completion 6-21-61 Producing through Tubing X through Casing
 Angle of Slope, $\theta = 4.7^\circ$; $n = .933$

FIELD DATA TUBING CASING

Run No.	Time of Run Min.	Choke Size	Coefficient	Choke Press PSIA	Choke Temp. °F	Wellhead Press Pw PSIA	Wellhead Flow Temp. °F	P _w ² (Thousands)
Shut-In	72 hr. +					2256.9	NA	
1	60					2131.9	NA	
2	60					1979.9	NA	
3	60					1682.9	NA	
4	60					1467.9	NA	
5								

PROVER

VOLUME CALCULATIONS

Run No.	Size Line Fig.-Tap	Size Orifice	Meter Coeff. 24 Hrs.	Static Pm	Diff. hw	Flow Temp. °F	Temp. Factor Fw	Gravity Factor Fg	Compress Factor Fv	Volume MCF/Day
1	2"	3/32	0.1863	2131.9		62	.9981	.9535	1.203	455
2	2"	1/8	0.3499	1979.9		63	.9971	.9535	1.201	792
3	2"	3/16	0.8035	1682.9		66	.9943	.9535	1.179	1,511
4	2"	7/32	1.1090	1467.9		72	.9887	.9535	1.053	1,770
5										

Gas Liquid Hydrocarbon Ratio * MCF per Bbl.

PRESSURE CALCULATIONS

Gravity of Liquid Hydrocarbons..... Deg.

Gas produced into pipe line during

test MCF.

$$(D e_{ff})^{5/3} = \frac{\sqrt{T}}{F} \sqrt{\dots} = \dots$$

$$C = \frac{1118 \times (D e_{ff})^{5/3}}{\sqrt{T}} = \dots$$

$$\sqrt{GL} = \sqrt{\dots} = \dots$$

$$G_{mix} = \dots$$

* TSTM

BOTTOM HOLE PRESSURE BOMB

Run No.	R	R ² (Thousands)	A	R _w /A	F	K	S = 1/Z	E ^{KS}	P ₁ ² a	P ₂ ² a	P _F ² - P _S ²
Shut-In								2609	2620.9	6869	
1								2470	2481.9	6160	709
2								2296	2307.9	5326	1,543
3								1954	1965.9	3865	3,004
4								1787	1798.9	3236	3,633
5											

OPEN FLOW TEST:

Shut-In Press	Psig		
Time Shut-In	Hrs.		
Producing Through			
In. H ₂ O	In. Hg. Psig.		
Time	Reading	Time	Reading
15		25	
20		30	

Absolute Open Flow 3,200 MCF/Day

Comm:

Conn:

Co: Jay Dean Meeker

Other:

Signature

*If Field is unnamed or name has not been accepted by the Commission's Austin Office give the name of the nearest town and the distance and direction the well is located from that town.

.....Miles in a Direction from.....

REMARKS:

AFFIDAVIT

STATE OF TEXAS

COUNTY OF..... Potter..... }

BEFORE me, the undersigned authority, on this day personally appeared.....
Jay Dean Meeks....., known to me to be the person whose name is subscribed to this instru-
ment, who, after being by me duly sworn on oath, states that he is employed by or associated with.....
The Shamrock Oil and Gas Corporation.....in the capacity of..... Junior Engineer.....;
that these tests were made by affiant or under the supervision of affiant; that the test data and factual data
shown hereon are true and correct; and that no pertinent matter inquired about in said report has been
omitted.

..... Jay Dean Meeks.....

Subscribed and Sworn to before me on this the.....5th.....day of..... July....., 19.....61..

..... Mary K Cheskie.....
Notary Public in and for..... Potter.....
County, Texas

Lease Name Rock House Unit

Well No. 3-LT

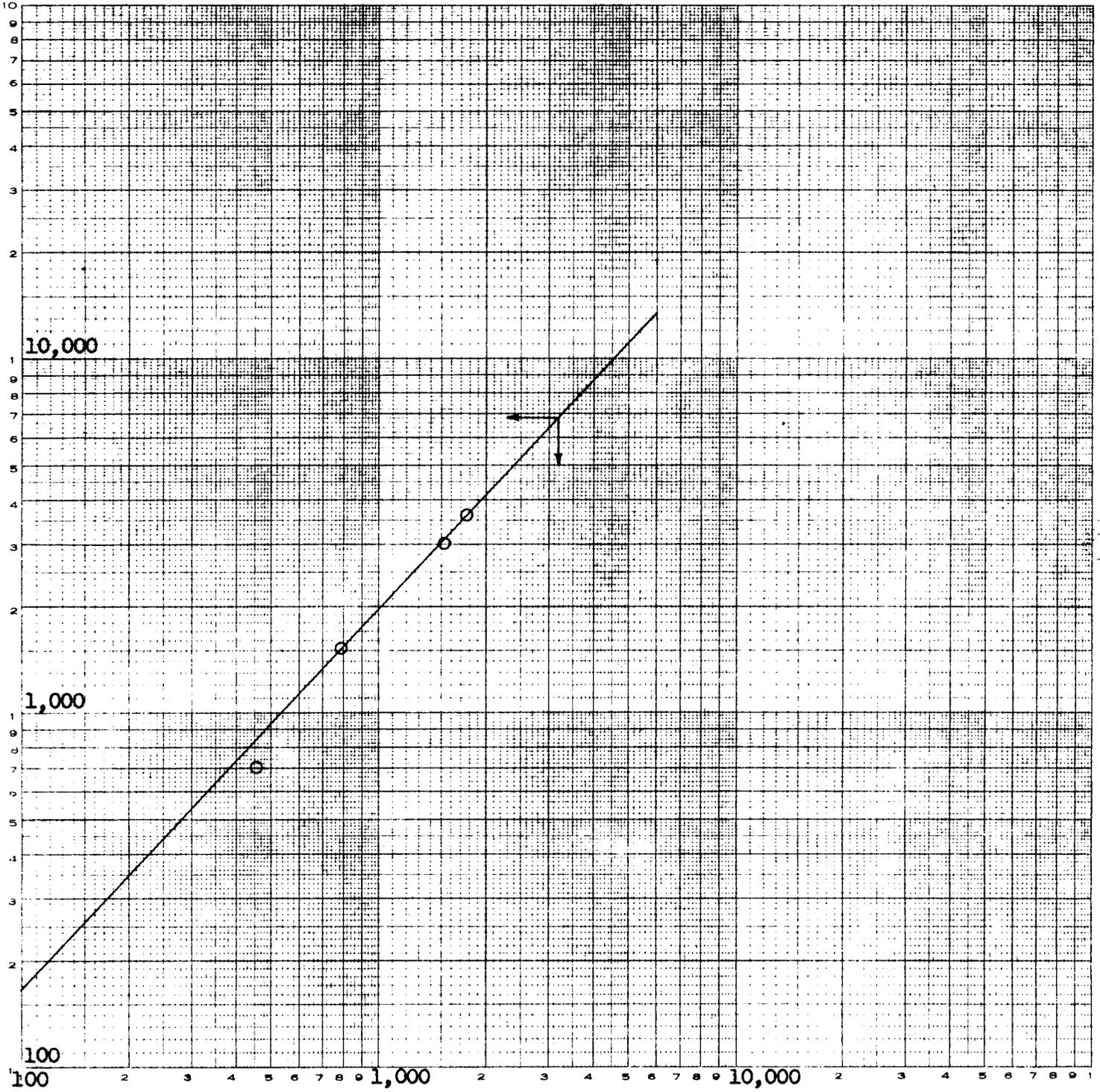
Date June 21, 1961

Angle of Curve 47° Slope of Curve n .933

Absolute Open Flow 3,200 MCF/Day

**GAS WELL
BACK PRESSURE CURVE**

NO. 340-133 DIETZGEN GRAPH PAPER
 LOGARITHMIC
 CYCLES X 3 CYCLES
 THOUSANDS IN CO.
 MADE IN U.S.A.



< - Q in MCF per DAY - >

New Well..... X
 Workover.....
 Re-Test.....
 Reclassified.....
 Oil to Gas.....

**RAILROAD COMMISSION OF TEXAS
 OIL AND GAS DIVISION**

Form GWT-1
 Back Pressure Test
 for Gas Wells
 (Rev. 9-28-53)

RRC Dist. Field Reservoir Wasatch County Uintah, Utah
 Operator Shamrock Oil & Gas Corp. Lease Rock House Unit Well No. 3-UT
 Field Office Address P. O. Box 631, Amarillo, Texas
 Date of Test 6-21-61 Acres Pipe Line Conn. None Survey Twp. 11 S, Rge. 23 E
 Gravity (Raw Gas) .66 est. Avg. Shut-In Temp. Bottom Hole Temp. 132° F @ 4516
 Size CSG. 7 " Wt./Ft. Lbs. I. D. CSG. Set at 5940
 Size TBG. 2 3/8 " Wt./Ft. Lbs. I. D. TBG. Set at 4516
 Prod. Section From 4106 - 4528 Avg. Prod. Length, (L) 4317
 Elevation 5998 D.F. Date of Completion 6-21-61 Producing through Tubing X through Casing
 Angle of Slope, $\theta =$ 48; $n =$.900

FIELD DATA TUBING CASING

Run No.	Time of Run Min.	Choke Size	Coefficient	Choke Press PSIA	Choke Temp. °F	Wellhead Press P _w PSIA	Wellhead Flow PRESSURE PSIA	P _w ² (Thousands)
Shut-In	72 hr.	+				1581.9	1619.9	
1	60					1446.9	1579.9	
2	60					1392.9	1536.9	
3	60					1280.9	1365.9	
4	60					968.9	1063.9	
5								

PROVER

VOLUME CALCULATIONS

Run No.	Size Line Fig.-Tap	Size Orifice	Meter Coeff. 24 Hrs.	Static P _m	Diff. h _w	Flow Temp. °F	Temp. Factor F _t	Gravity Factor F _g	Compress Factor F _c	Volume MCF/Day
1	2"	3/32	0.1863	1446.9		66	.9943	.9535	1.159	296
2	2"	1/8	0.3499	1392.9		65	.9952	.9535	1.158	536
3	2"	7/32	1.1090	1280.9		65	.9952	.9535	1.147	1,546
4	2"	5/16	2.2080	968.9		68	.9924	.9535	1.104	2,234
5										

Gas Liquid Hydrocarbon Ratio..... MCF per Bbl.

PRESSURE CALCULATIONS

Gravity of Liquid Hydrocarbons..... Deg.

Gas produced into pipe line during

test MCF.

$$(D_{eff})^{5/3} = \frac{\sqrt{T}}{F} \sqrt{\dots}$$

$$C = \frac{1118 \times (D_{eff})^{5/3}}{\sqrt{T}} = \dots \quad * \text{ TSTM}$$

$$\sqrt{GL} = \sqrt{\dots} \quad \frac{\sqrt{GL}}{C} = \dots$$

$$G_{mix} =$$

BOTTOM HOLE PRESSURE BOMB

Run No.	R	R ² (Thousands)	R	R _w /R	F	K	S = 1/2	E ^{KS}	P ₁ a	P ₂ ² a	P _F ² - P _S ²
Shut-In								1818	1829.9	3349	
1								1761	1772.9	3143	206
2								1710	1721.9	2965	384
3								1516	1527.9	2334	1,015
4								1178	1189.9	1416	1,933
5											

OPEN FLOW TEST:

Shut-In Press.....	Psig		
Time Shut-In.....	Hrs.		
Producing Through.....			
In. H ₂ O.....	In. Hg..... Psig.....		
Time	Reading	Time	Reading
15		25	
20		30	

Absolute Open Flow..... 3,690..... MCF/Day

Comm:

Conn:

Co: Jay Dean Meeks

Other:

Signature

(See Reverse Side)

*If Field is unnamed or name has not been accepted by the Commission's Austin Office give the name of the nearest town and the distance and direction the well is located from that town.

.....Miles in a Direction from.....

REMARKS:

AFFIDAVIT

STATE OF TEXAS

COUNTY OF.....Potter.....}

BEFORE me, the undersigned authority, on this day personally appeared.....
Jay Dean Meeks....., known to me to be the person whose name is subscribed to this instru-
ment, who, after being by me duly sworn on oath, states that he is employed by or associated with.....
The Shamrock Oil and Gas Corporation.....in the capacity of.....Junior Engineer.....;
that these tests were made by affiant or under the supervision of affiant; that the test data and factual data
shown hereon are true and correct; and that no pertinent matter inquired about in said report has been
omitted.

.....*Jay Dean Meeks*.....

Subscribed and Sworn to before me on this the.....5th.....day of.....July....., 19.....61.....

.....*Mary K. Chesire*.....
Notary Public in and for.....Potter.....
County, Texas

Company The Shamrock Oil and Gas Corporation

Lease Name Rock House Unit

Well No. 3-UT

GAS WELL BACK PRESSURE CURVE

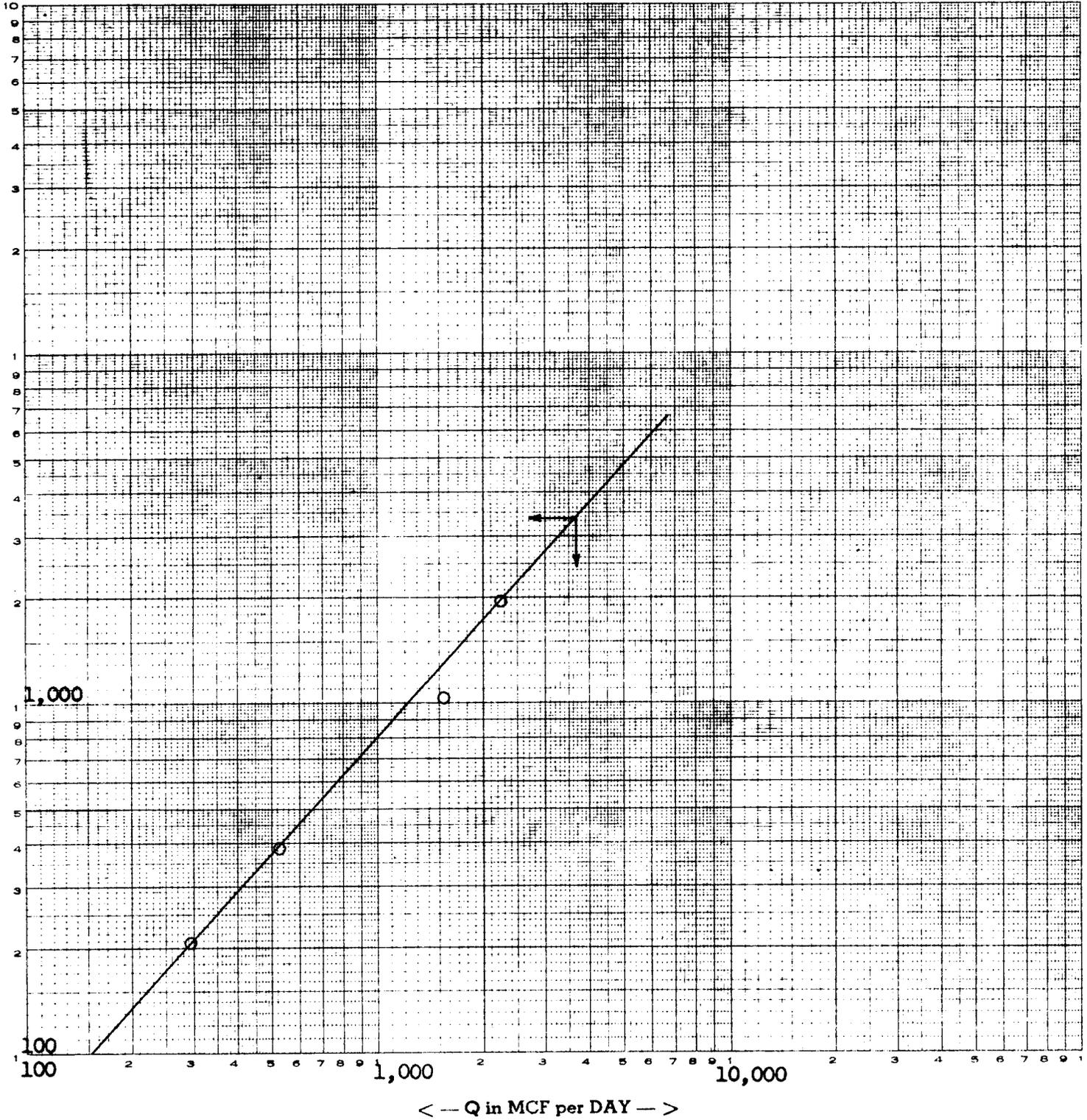
Date June 21, 1961

Angle of Curve 48° Slope of Curve $n = .900$

Absolute Open Flow 3,690 MCF/Day

THOUSANDS
MADE IN U.S.A.
← — P_i — Ps_w — →

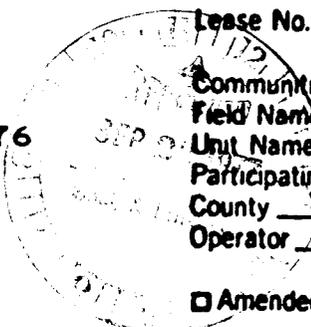
NO. 340-130 DIETZGEN GRAPH PAPER
LOGARITHMIC
3 CYCLES X 3 CYCLES



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form 9-329 Rev. Feb 76
OMB 42-RO356

MONTHLY REPORT
OF
OPERATIONS



Lease No. 91-007314-B
Communitization Agreement No. _____
Field Name Rock House
Unit Name Rock House
Participating Area Wasatch
County Uintah State Utah
Operator Diamond Shamrock Corporation

Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of August, 1977

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
1	10SKSE	11S	23E	GSI	0	None	None	None	Dead-Logged Off
3	11NWE	11S	23E	PGW	15	None	659	None	
4	9SENE	11S	23E	PGW	29	None	5,877	None	
5-A	13SWE	11S	23E	PGW	26	None	1,561	None	
8	23SENE	11S	23E	GSI	0	None	None	None	Dead-Logged Off

*Need
2 copies for file*

*If none, so state.

Disposition of production (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	_____	8,097	_____
*Sold	_____	8,097	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	None	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	_____	None	XXXXXXXXXXXXXXXXXXXX
*Injected	_____	None	_____
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	_____
*Other (Identify)	_____	None	_____
*On hand, End of Month	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	_____	1,069	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: _____

Address: P.O. Box 631, Amarillo, TX 79173

Title: Gas Accountant

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION

1588 WEST NORTH TEMPLE
 SALT LAKE CITY, UTAH 84116
 328-5771

State Lease No. _____
 Federal Lease No. _____
 Indian Lease No. _____
 Fee & Pat. _____

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Uintah FIELD/LEASE Rockhouse

The following is a correct report of operations and production (including drilling and producing wells) for the month of:
September, 19 77

Agent's Address P. O. Box 631 Company Diamond Shamrock Corporation
Amarillo, Texas 79173 Signed [Signature]
 Title Clerk
 Phone No. (806) 376-4451

Sec. and 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water none so state	REMARKS (If drilling, depth, if shut down, cause, date and result of test for gasoline content of gas)
UTAH WASATCH PARTICIPATING AREA										
13 NE/SW	11S	29E	1	-0-	-0-		-0-		-0-	Presently Conducting a Compression Feasibility Study
UTAH MESA VERDE PARTICIPATING AREA										
13 NE/SW	11S	24E	1	-0-	-0-		-0-		-0-	Presently Conducting a Compression Feasibility Study
11 NW/SE	11S	23E	3	-0-	-0-		-0-		-0-	
13 SW/SE	11S	23E	5A	-0-	-0-		-0-		-0-	
					Green River fresh water				2,700	
Oil or CONDENSATE: (To be reported in Bbls)										
On hand at beginning of month				75.22	WATER DISPOSITION (Bbls)					
Produced during month				-0-	Pit					
Sold during month				-0-	Injected					
Unavoidably lost					Unavoidably Lost		Gas Sold.....-0-			
Reason					Reason		Flared/Vented.....-0-			
On hand at end of month				75.22	Other		Used on/off Lease.....-0-			



NOTE: There were _____ runs or sales of oil; _____ M. cu. ft. of gas sold;
 _____ runs or sales of gasoline during the month.

DRILLING/PRODUCING WELLS: This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. **THIS REPORT MUST BE FILED IN DUPLICATE.**

Maxus Energy Corporat
LTV Center
2001 Ross Avenue
Dallas, Texas 75201
214 979-2800

RECEIVED
JUN 05 1987

060810

DIVISION OF
OIL, GAS & MINING

June 2, 1987

MAXUS

Utah Division of Oil, Gas & Mining
Attn: Norm Stout
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

Dear Mr. Stout,

Regarding your request for information concerning the change of name of our company from Diamond Shamrock Exploration, to Maxus Exploration Company:

1. New replacement bond is being taken care of by Sherry Neally (214) 953-2858, and will be mailed to you shortly by Judy Tate (806) 378-3876.
2. Contact names will remain the same - Kaleb Leake (307) 266-1882, Maxus Exploration Company, P.O. Box 2530, Mills, WY 82644, for drilling and permitting; Pat Cote (214) 979-2822, at the letterhead address, for production and disposition reporting.
3. I am enclosing a copy of our most recent production report. This is a complete list of all wells to be affected by the name change.
4. The name change is effective 4-28-87. All name change notices are being handled by Dick Smith in our Legal Department (214) 953-2979. He assures us that the notices will be sent out in a few days.
5. There are no changes in the division of interest on any of the attached wells, therefore all entity numbers will remain the same.

Thank you for your patience in this matter, and please contact me if there is any other information needed.

Sincerely,

Pat Cote

Pat Cote
Production Clerk, Oil Revenue
Maxus Exploration
(214) 979-2822

COMPANY: MAXUS EXPLORATION CO

UT ACCOUNT # _____

SUSPENSE DATE: 6-10-87

(FORMERLY DIAMOND SHAMROCK EXPLORATION CO)

TELEPHONE CONTACT DOCUMENTATION

CONTACT NAME: PAT COTE (PAT PRONOUNCES HER NAME "COTEE")

CONTACT TELEPHONE NO.: (214) 777-2822

SUBJECT: OPERATOR CHANGE - DIAMOND SHAMROCK EXPLORATION CO TO MAXUS EXPL CO.

(Use attachments if necessary)

RESULTS: PAT SAID SHE WOULD PROVIDE: LTR OF EXPLANATION FOR 1) EFFECTIVE DATE,
2) BONDING, 3) ENTITY REVIEW, 4) WELLS IN QUESTION, 5) ADDRESS & TEL
FOR BOTH DRILLING AND PRODUCTION CONTACT PEOPLE,

SHE WILL USE ~~GOAT~~ A SUPPLEMENTED COPY OF TAD TO IDENTIFY ALL
WELLS, INCLUDING DRILLING AND INJECTION

(Use attachments if necessary)

CONTACTED BY: 

DATE: 6-2-87



355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut
84180-1203. (801-538-5340)

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• DIAMOND SHAMROCK EXPL.
 2001 ROSS AVE #1500
 DALLAS TX 75201
 ATTN: PAT COTE

RECEIVED
 JUN 05 1987
 DIVISION OF
 OIL, GAS & MINING

Utah Account No. NO340

Report Period (Month/Year) 4 / 87

Amended Report

Well Name	API Number	Entity	Location	Producing Zone	Days Oper	Production Volume			
						Oil (BBL)	Gas (MSCF)	Water (BBL)	
X ROCKHOUSE UNIT #1	4304715809	02025 11S 23E 10		WSTC	-0-	-0-	-0-	-0-	
X ROCKHOUSE UNIT #3	4304715810	02025 11S 23E 11		MVRD	-0-	-0-	-0-	-0-	
X ROCKHOUSE UNIT #3	4304715810	02025 11S 23E 11		WSTC	-0-	-0-	-0-	-0-	
X ROCKHOUSE UNIT 4	4304715811	02025 11S 23E 9		WSTC	1	-0-	387	-0-	
X ROCKHOUSE UNIT #5A	4304715812	02025 11S 23E 13		WSTC	-0-	-0-	-0-	-0-	
X ROCKHOUSE UNIT #8	4304715815	02025 11S 23E 23		WSTC	-0-	-0-	-0-	-0-	
X ALLEN FEDERAL 34-5	4301330721	02041 09S 17E 5		GRRV	30	105	763	-0-	
X PAIUTE FEDERAL 43-8	4301330777	02042 09S 17E 8		GRRV	30	235	805	-0-	
X CASTLE PEAK FEDERAL 43-5	4301330858	02043 09S 16E 5		DGCRK	30	195	600	-0-	
X ALLEN FEDERAL 44-5	4301330913	02044 09S 17E 5		GRRV	30	601	2341	-0-	
X PARIETTE BENCH FEDERAL #32-6	4304731554	09885 09S 19E 6		GRRV	30	236	689	60	
X PARIETTE BENCH FED #43-6	4304731616	10280 09S 19E 6		GRRV	30	208	660	-0-	
TOTAL							1580	6245	60

Comments (attach separate sheet if necessary) _____

I have reviewed this report and certify the information to be accurate and complete. Date 6-2-87

Pat Cote
Authorized signature

Telephone (214) 979-2822

(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

STUDENT IN TRIP? (Other instruction
verse side) YTK re

Budget Bureau for 1983-1985
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.
U-0778

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.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		7. UNIT AGREEMENT NAME ROCKHOUSE UNIT
2. NAME OF OPERATOR MAXUS EXPLORATION COMPANY		8. FARM OR LEASE NAME ROCKHOUSE UNIT WELLS
3. ADDRESS OF OPERATOR P. O. BOX 1669, VERNAL, UTAH 84078		9. WELL NO. #3
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1653' FSL & 1386' FEL		10. FIELD AND POOL, OR WILDCAT MESAVERDE
14. PERMIT NO. 43-047-15810	15. ELEVATIONS (Show whether DF, RT, OR, etc.) 5988' GL	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC. 11, T11S, R23E
		12. COUNTY OR PARISH UINTAH
		13. STATE UTAH

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETS <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) Request to shut-in well <input checked="" type="checkbox"/>	X <input type="checkbox"/>

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(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.)*

MAXUS EXPLORATION COMPANY requests permission to "shut-in" the Rockhouse Unit #3 since no plug has been set in this well.

Declining reservoir pressures, high fluid levels and high pipeline pressures have caused this well to become economically unfeasible. Should for any reason we decide to again produce this well, the BLM will be notified at such time.

RECEIVED
MAY 27 1988

DIVISION OF
OIL, GAS & MINING

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

SIGNED Jim Hendricks
Jim Hendricks

TITLE Production Engineer

DATE 5-24-88

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

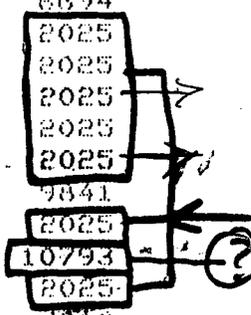
*See Instructions on Reverse Side

5-88

TWP 11 SOUTH AND EAST
INVALID COMMAND

ENTER COMMAND >DIS TWP, RNG, SECT, API, STAT, FM, SURVEY, QTR, NAME, PEN									
S110 E140 36 4301330486 PGW WSTC S NWSE PTS 33-36 STATE	6190								
S110 E190 2 4304731824 DRL S SWNE ALGER PASS #1	10828								
S110 E190 11 4304731108 PGW WSTC S NWSE KING'S CANYON 1-11	1365								
S110 E200 3 4304731178 PGW MVRD S SWSW LAFKAS FED 1-3	1367								
S110 E200 5 4304731818 DRL S SESW WILLOW CREEK UNIT #2	10804								
S110 E200 10 4304731026 PGW WSTC S NESW HILL FED 1-10	1368								
S110 E200 27 4304731775 SGW WSTC S SWNE WILLOW CREEK UNIT #1	10804								
S110 E210 3 4304730766 PGW WSTC S SWSW LOVE UNIT B2-3	1366								
S110 E210 4 4304730640 PGW WSTC S NWSW LOVE UNIT 4-1	1366								
S110 E210 7 4304730148 SGW WSTC S NWNE NATURAL 1-7	6129								
S110 E210 8 4304730189 PA MVRD S NESW HOPE UNIT 2-8	10150								
S110 E210 10 4304730709 PGW WSTC S SESW LOVE UNIT B1-10	1366								
S110 E210 11 4304730617 PGW MVRD S NESW LOVE UNIT #1	1366								
S110 E210 12 4304730638 PGW WSTC S NWSW LOVE UNIT 1-12	1366								
S110 E220 2 4304731489 PGW MVRD S NENE ARCHY BENCH STATE 1-2	9871								
S110 E220 3 4304730524 PGW MVRD S SWNE BTR CREEK FED #1-3	1460								
S110 E220 10 4304731760 DRL S NENE LIZARD CREEK FEDERAL #2-	99999								
S110 E220 10 4304731475 PGW MVRD S NURW LIZARD CREEK FEDERAL 1-	9870								
S110 E220 18 4304730706 PGW WSTC S SESW LOVE UNIT A1-18	10200								
S110 E220 33 4304731778 SGW WSTC S NWSE EAST BENCH UNIT #1	10795								
S110 E230 1 4304715807 PGW WSTC S NWSE RATT BOW UNIT #4	1355								
S110 E230 5 4304731689 PGW WSTC S SWSW CRACKER FEDERAL #3	10581								
S110 E230 7 4304731743 SGW WSTC S SENE CRACKER FEDERAL #4	10669								
MORE?									
S110 E230 8 4304731532 SGW WSTC S SENE CRACKER FED. #1	6693								
S110 E230 8 4304731690 SGW WSTC S SESE CRACKER FEDERAL #2	6694								
S110 E230 9 4304715811 PGW WSTC S SENW ROCKHOUSE UNIT 4	2025								
S110 E230 10 4304715809 SGW WSTC S SESE ROCKHOUSE UNIT #1	2025								
S110 E230 10 4304715809 SGW MVRD S SESE ROCKHOUSE UNIT #1	2025								
S110 E230 11 4304715810 SGW WSTC S NWSE ROCKHOUSE UNIT #3	2025								
S110 E230 11 4304715810 SGW MVRD S NWSE ROCKHOUSE UNIT #3	2025								
S110 E230 12 4304731603 SGW MVRD S SWSW BTR C FEDERAL #1	7841								
S110 E230 13 4304715812 SGW WSTC S SWSW ROCKHOUSE UNIT #5A	2025								
S110 E230 14 4304731806 SGW WSTC S SESE ROCK HOUSE UNIT #44-14	10793								
S110 E230 23 4304715815 PGW WSTC S SENE ROCKHOUSE UNIT #8	2025								
S110 E240 8 4304715805 SGW MVRD S NESW RAINBOW UNIT #1	2010								
S110 E240 8 4304715805 SGW WSTC S NESW RAINBOW UNIT #1	2010								
S110 E240 8 4304715805 USW GRRV S NESW RAINBOW UNIT #1	2010								
S110 E240 18 4304715806 SGW MVRD S NESW RAINBOW UNIT 2A	1350								
S110 E240 18 4304715806 SGW WSTC S NESW RAINBOW UNIT 2A	1350								
S110 E240 18 4304715806 USW GRRV S NESW RAINBOW UNIT 2A	1350								
S110 E250 12 4304731803 SGW DKTA S SENE BELL'S HOLE FEDERAL 1-12	10813								
S110 E250 36 4304731307 SGW BUKHA S SESW EVACUATION CREEK #1	5691								

should
this b
Be
1366
also
Verr



ENTER COMMAND >ASEL
73 RECORD(S) SELECTED

Entity chg. to 10876 as per review 6-13-88

ENTER COMMAND >
AUTOPRINT NO

(November 1981)
(formerly 9-311)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SHIMMY IN INDICATION
(Other instructions on re-
verse side)

Project Bureau No. 1001-01-11
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

SEE ATTACHMENT

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 plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

JUL 22 1988
DIVISION OF
OIL, GAS & MINING

1. OIL WELL GAS WELL OTHER

7. UNIT AGREEMENT NAME
ROCKHOUSE UNIT

2. NAME OF OPERATOR
MAXUS EXPLORATION COMPANY

8. FARM OR LEASE NAME
ROCKHOUSE

3. ADDRESS OF OPERATOR
P.O. BOX 1669, VERNAL, UTAH 84078

9. WELL NO.
SEE ATTACHMENT

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

10. FIELD AND POOL, OR WILDMAT
SEE ATTACHMENT

SEE ATTACHMENT

11. SEC., T., R., M., OR BLM, AND
SURVEY OR ARDA
SEE ATTACHMENT

14. PERMIT NO.
SEE ATTACHMENT

15. ELEVATIONS (Show whether of, by, or, etc.)
SEE ATTACHMENT

12. COUNTY OR PARISH 13. STATE
JUNTAH UTAH

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF
FRACURED TREAT
MUDING OR ACIDIZING
REPAIR WELL
OTHER: TEMPORARY ABANDONMENT

PULL OR ALTER CASING
MULTIPLE COMPLETS
ABANDON*
CHANGE PLANE

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

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

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

MAXUS EXPLORATION COMPANY requests permission to temporarily abandon the above referenced wells. Present economic conditions do not warrant these wells to operate profitably. Should this situation reverse within the next 12 months, the BLM will be notified when production resumes.

I hereby certify that the foregoing is true and correct

SIGNED Jim Hendricks

TITLE Production Engineer

DATE 7/21/88

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

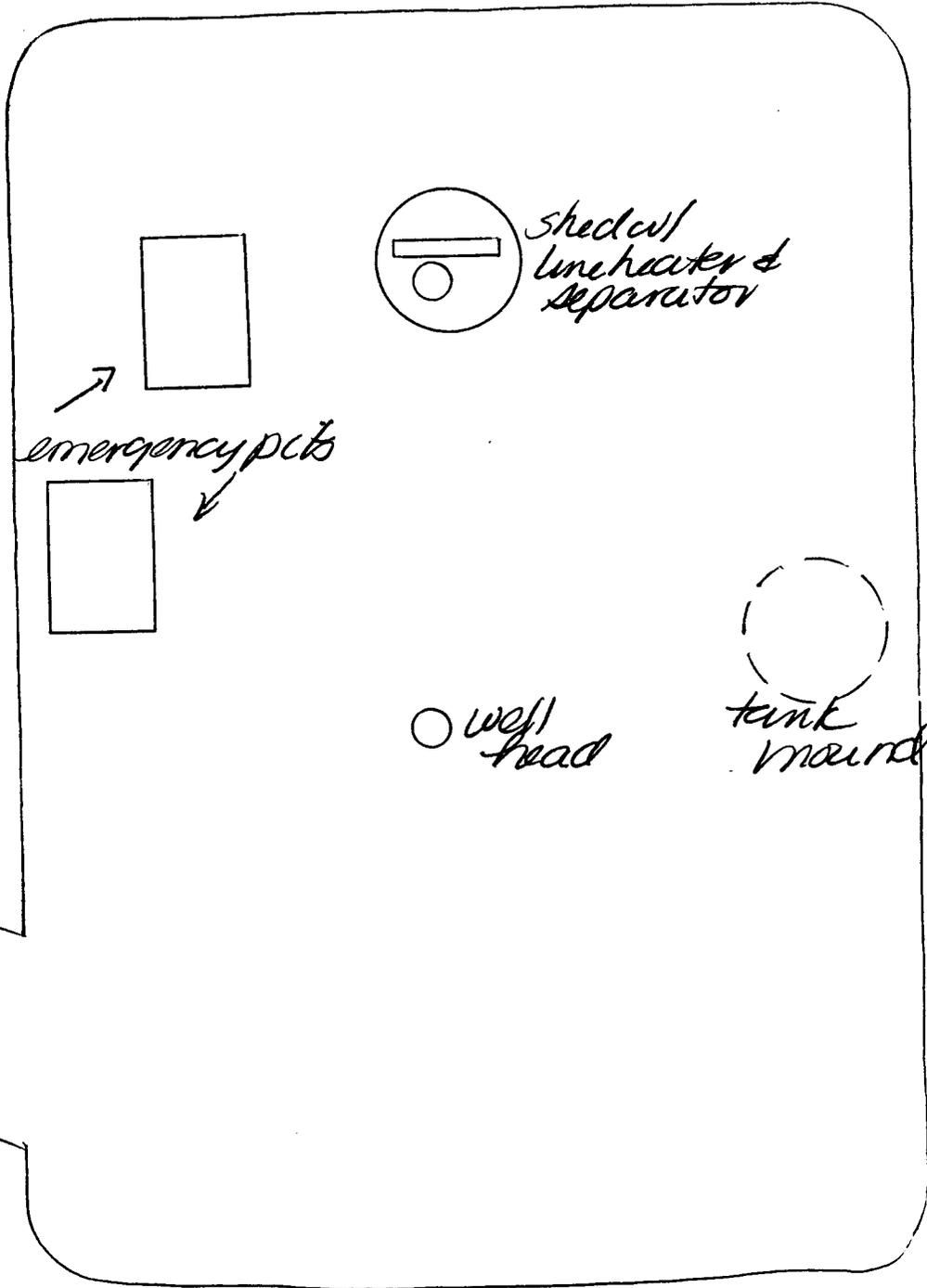
NAME AND NUMBER	LEASE# & FORMATION	LOCATION	ELEVATION	PERMIT
7P ROCKHOUSE UNIT#1	U-0779 WASATCH	995' FSL & 721' FEL SEC. 10, T11S, R23E	5849'GR	47-047-15809
7P ROCKHOUSE UNIT#3	U-0778 MESAVERDE	1653' FSL & 1386' FEL SEC. 11, T11S, R23E	5988'GR	43-047-15810
7P ROCKHOUSE UNIT#5-A	U-0779 WASATCH	380' FSL & 1972' FEL SEC. 13, T11S, R23E	5607'6R	43-047-15812
7P ROCKHOUSE UNIT#8	U-0780 WASATCH	1159' FEL & 1367' FEL SEC. 23, T11S, R23E	5849'GR	43-047-15815

Rockhouse U
#2

Sec 11, 11S, 23E

@ Dly 11/9/88

L XI



IRREVOCABLE STANDBY LETTER OF CREDIT 10384

MAY 12, 1989

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
3 TRIAD CENTER #350
355 W. N. TEMPLE
SALT LAKE CITY, UTAH 84180-1203

GENTLEMEN:

WE HEREBY ESTABLISH OUR IRREVOCABLE STANDBY LETTER OF CREDIT IN FAVOR OF THE DIRECTOR OF THE DIVISION OF OIL, GAS AND MINING OF THE STATE OF UTAH FOR THE ACCOUNT OF MCKENZIE PETROLEUM COMPANY, 5847 SAN FELIPE ROAD, SUITE 4300, HOUSTON, TEXAS 77057 FOR THE AGGREGATE AMOUNT OF U S DOLLARS EIGHTY THOUSAND AND NO/100) (\$80,000.00) AVAILABLE BY YOUR DRAFTS AT SIGHT ON THE DEPOSIT INSURANCE BRIDGE BANK, N.A. WHEN DRAWN IN ACCORDANCE WITH THE TERMS AND ACCOMPANIED BY THE DOCUMENTS LISTED UNDER PART C BELOW:

- A. THIS LETTER OF CREDIT IS ISSUED BECAUSE THE OPERATOR IS OR WILL BE ENGAGED IN DRILLING, REDRILLING, DEEPENING, REPAIRING, OPERATING AND PLUGGING AND ABANDONMENT A WELL OR WELLS AND RESTORING THE WELL SITE OR SITES IN THE STATE OF UTAH FOR THE PURPOSES OF OIL OR GAS PRODUCTION AND/OR THE INJECTION AND DISPOSAL OF FLUIDS IN CONNECTION THEREWITH FOR THE FOLLOWING DESCRIBED LAND OR WELL:

----- BLANKET BOND: TO COVER ALL WELLS DRILLED IN THE STATE OF UTAH:
----- INDIVIDUAL BOND: WELL NO.-----
SECTION-----TOWNSHIP-----RANGE-----
-----COUNTY, UTAH

- B. THIS LETTER OF CREDIT IS SPECIALLY ISSUED AT THE REQUEST OF THE OPERATOR AS GUARANTY THAT THIS FUND WILL BE AVAILABLE DURING THE TIME THAT THE WELLS REFERENCED ABOVE ARE ACTIVE. WE ARE NOT A PARTY TO NOR BOUND BY, THE TERMS OF ANY AGREEMENT BETWEEN YOU AND THE OPERATOR OUT OF WHICH THIS LETTER OF CREDIT MAY ARISE.

- C. DRAFTS DRAWN UNDER THIS LETTER OF CREDIT MUST BE ACCOMPANIED BY AN AFFIDAVIT FROM THE DIRECTOR OF THE DIVISION OF OIL, GAS AND MINING STATING THAT:

1. ANY WELL SUBJECT TO THE LETTER OF CREDIT IS DEEMED NECESSARY FOR PLUGGING AND ABANDONMENT AND THE OPERATOR HAS NOT FULFILLED SUCH OBLIGATION UNDER THE OIL AND GAS CONSERVATION GENERAL RULES OF THE STATE OF UTAH.
2. THE DRAFT IS IN THE ESTIMATED COST OF PLUGGING EACH WELL SUBJECT TO THE LETTER OF CREDIT UP TO THE AGGREGATE AMOUNT OF THE LETTER OF CREDIT.

WE WILL BE ENTITLED TO RELY UPON THE STATEMENTS CONTAINED IN THE AFFIDAVIT AND WILL HAVE NO OBLIGATION TO INDEPENDENTLY VERIFY ANY STATEMENTS CONTAINED THEREIN.

DATE: 05/18/90

F E E L E A S E S B Y O P E R A T O R

PAGE:

17

ACCT NUM	COMPANY NAME	WELL NAME	TOWN SHIP	RANGE	SEC	Q-Q	STATUS	API NUMBER	PROD ZONE
N9523	LINMAR PETROLEUM COM	ELLSWORTH #2-9B4	S020	W040	9	NESW	POW	4301331138	WSTC
		CHRISTENSEN #3-4B4	S020	W040	4	SWSE	POW	4301331142	WSTC
		CHASEL-HACKFORD 2-10-A1E	S010	E010	10	SESE	POW	4304731421	GR-WS
		CHASEL-HACKFORD #2-10A1E	S010	E010	10	SESE	TA	4304731421	WSTC
		MOON 1-23Z1	N010	W010	23	NESW	POW	4304731479	WSTC
N0580	LOMAX EXPLORATION CO	NEIGHBORHOOD HOUSE #6-6	S050	W040	6	SENW	PA	4301330981	
		LITTAUER FOUNDATION #1	S050	E020	4	NWSW	LA	4304731382	
N0590	LUFF EXPLORATION COM	MCCONKIE COMM FEE #1	S060	E210	27	NWSE	PA	4304720282	UNTA
		MCCONKIE #2	S070	E210	5	NENW	PA	4304730071	
N0600	MAPCO OIL & GAS COMP	DENNIE RALPHS #1-5	S010	W030	5	SWNE	PA	4301330165	GRRV
		DENNIE RALPHS #1-5	S010	W030	5	SWNE	PA	4301330165	WSTC
		DENNIE RALPHS #1-6	S010	W030	6	SWNE	PA	4301330166	WSTC
		FISHER #1-12	S010	W040	12	NWNE	PA	4301330279	WSTC
		FISHER #1-12	S010	W040	12	NWNE	PA	4301330279	GRRV
N6950	MAPP EXPLORATION	FROST #1-18	S340	E250	18	SENE	PA	4303730761	
		REDD #2-18	S340	E250	18	NESE	PA	4303730771	
		MAPP 1-17	S340	E250	17	NWNW	PA	4303730773	
N9675	MASTER PET & DEVEL C	VANOVER FEE #2	S210	E230	24	SENE	SGW	4301931105	MRSN
		FRAZIER 15-1	S210	E230	15	SWNE	SOW	4301931189	MR-SW
		FRAZIER #15-2	S210	E230	15	SWNE	LA	4301931198	
PO294	MAYO-UTAH OIL CO	MAYO-UTAH OIL CO #1	S040	E210	22	SWNW	PA	4304720386	
N0090	MCKENZIE PETROLEUM C	THOMAS HALL FEE 1	S050	E220	23	SESW	POW	4304715591	WEBR
		THOMAS HALL FEE 2	S050	E220	23	SESW	POW	4304715592	WEBR
		THOMAS E. HALL #3	S050	E220	23	SESE	POW	4304715593	WEBR
		THOMAS E. HALL #4	S050	E220	23	SESE	POW	4304715594	WEBR
		THOMAS E. HALL #5S	S050	E220	23	SESW	POW	4304715595	ENRD
N2450	MEZO, J.D.	J.D. STATE #1	S210	E230	25	NWNE	LA	4301930245	
		VANOVER #2	S210	E230	24	SWNW	PA	4301930247	
		J.D.M. VANOVER #3	S210	E240	19	SWNW	PA	4301930400	
PO629	MICH-WISC PIPELINE C	WEBER COAL COMPANY 13-3	N020	E050	3	NWSW	PA	4304330024	
PO547	MIDWAY PETROLEUM CO	FEE #3	S410	W120	13	NWSW	PA	4305310326	
N2590	MILAGRO ENERGY RESOU	MILLER CREEK CHERITTA #2	S150	E100	22	NENW	LA	4300730064	
		CHIARETTA #3	S150	E100	22	NENE	PA	4300730077	FRSD
PO584	MILLER & TAYLOR	FEE #3	S410	W120	23	NWNE	PA	4305310730	
PO116	MINTON, JOSEPH A	SNOW-FEE #1	S190	E080	9	SENE	PA	4301510731	
		WILBERG-FEE #1	S180	E080	12	SENW	PA	4301510732	
		WILBERG FEE #1-X	S180	E080	12	SENW	PA	4301510733	
PO295	MIRACLE & WOOSTER DR	L D S #1	S040	E210	36	SESW	PA	4304710734	
N3790	MOBIL OIL CORPORATIO	GREGORY ET AL FEE #1	N030	E160	21	SWSW	PA	4304310743	
PO020	MOHAWK PETROLEUM CO	FEE #1	S410	W120	23	NWNW	PA	4305320474	
N0660	MONCRIEF OIL	ROWLEY #2-1	S040	W060	2	SENW	PA	4301330467	WSTC
		PENDER #8-1	S040	W060	8	NENE	PA	4301330471	WSTC
PO601	MONTGOMERY & JEFFRIE	FEE #1	S430	W120	0		PA	4305320518	
PO400	MOORE, JOHN W	HANSON FEE #1	S210	E230	24	SENE	PA	4301920287	
		VANOVER FEE #1	S210	E230	24	SENE	PA	4301930012	
N0680	MOUNTAIN FUEL SUPPLY	SUNNYSIDE UNIT #1	S150	E130	17	NWSE	PA	4300730012	
		HUNTINGTON CANYON FEE #1	S170	E080	8	SENE	PA	4301530002	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

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.)

RECEIVED
AUG 28 1989

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
MAXUS EXPLORATION COMPANY

3. ADDRESS OF OPERATOR
P. O. BOX 166, Vernal, Utah 84078

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

5. LEASE DESIGNATION AND SERIAL NO.
See Attachment

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Rockhouse Unit

8. FARM OR LEASE NAME
Rockhouse

9. WELL NO.
See Attachment

10. FIELD AND POOL, OR WILDCAT
See Attachment

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
See Attachment

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

14. PERMIT NO.
See Attachment

15. ELEVATIONS (Show whether DP, RT, OR, etc.)
See Attachment

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(Other) Temporary Abandonment XX

(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.)*

MAXUS EXPLORATION COMPANY requests permission to temporarily abandon the referenced wells. Current gas prices have caused these wells to become uneconomical to produce, but premature abandonment of the Rockhouse Unit #'s 1, 3, 5A & 8 wells would cause a loss of potential recoverable reserves from this unit. Therefore, Maxus requests to temporarily abandon the referenced wells until they become economically productive. Should this situation reverse within the next 12 months, the BLM will be notified when production resumes.

OIL AND GAS	
DRN	RJF
1- JRB ✓	GLH
DTS	SLS
2- TAS ✓	
3- MICROFILM ✓	
4- FILE	

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

SIGNED Rodney Brewer TITLE Production Engineer DATE August 25, 1989

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

RECEIVED

AUG 28 1989

DIVISION OF
OIL, GAS & MINING

NAME AND NUMBER	LEASE# & FORMATION	LOCATION	ELEVATION	PERMIT
ROCKHOUSE UNIT#1	U-0779 WASATCH	995' FSL & 721' FEL SEC. 10, T11S, R23E	5849'GR	47-047-15809
ROCKHOUSE UNIT#3	U-0778 MESAVERDE	1653' FSL & 1386' FEL SEC. 11, T11S, R23E	5988'GR	43-047-15810
ROCKHOUSE UNIT#5-A	U-0779 WASATCH	380' FSL & 1972' FEL SEC. 13, T11S, R23E	5607'6R	43-047-15812
ROCKHOUSE UNIT#8	U-0780 WASATCH	1159' FEL & 1367' FEL SEC. 23, T11S, R23E	5849'GR	43-047-15815

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

3. LEASE DESIGNATION AND SERIAL NO.

SEE ATTACHMENT

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 plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED
OCT 10 1989

1. OIL WELL GAS WELL OTHER

4. UNIT AGREEMENT NAME

SEE ATTACHMENT

2. NAME OF OPERATOR
MAXUS EXPLORATION COMPANY

5. FARM OR LEASE NAME

SEE ATTACHMENT

3. ADDRESS OF OPERATOR
P. O. BOX 1669, VERNAL, UTAH 84078

DIVISION OF
OIL, GAS & MINING

9. WELL NO.

SEE ATTACHMENT

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

10. FIELD AND POOL, OR WILDCAT

SEE ATTACHMENT

11. SEC., T., S., M., OR BLK. AND SURVEY OR AREA

SEE ATTACHMENT

14. PERMIT NO.
SEE ATTACHMENT

15. ELEVATIONS (Show whether DP, RT, OR, etc.)
SEE ATTACHMENT

12. COUNTY OR PARISH | 13. STATE
UINTAH | UTAH

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other) SELL WELLS

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other)

REPAIRING WELL
ALTERING CASING
ABANDONMENT*

(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.)*

MAXUS EXPLORATION COMPANY respectfully wishes to inform the BLM of our recent sale of the Rainbow Unit #1, #2A, #4, and the Rockhouse Unit #1, #3, #4, #44-14, #5A and #8 to McKenzie Petroleum. The effective date of this sale was September 1, 1989.

OIL AND GAS	
DRN	RJF
JRB	GLH
DTS	SLS
1-TAS	
2-DTS/B	
3- MICROFILM	
4- FILE	

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

SIGNED Rodney Brewer
RODNEY BREWER
(This space for Federal or State office use)

TITLE ENGINEER

DATE 10-5-89

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*See Instructions on Reverse Side

WELL NAME & NUMBER	LEASE & FORMATION	LOCATION	ELEVATION	API NUMBER
RAINBOW UNIT #1	U-017403 WASATCH	2310' FSL & 2410' FWL Sec. 8, T11S, R24E	5258' GR	43-047-15805
RAINBOW UNIT #2-A	U-017664 MESA VERDE	2238' FSL & 2000' FWL Sec. 19, T11S, R24E	5447' GR	43-047-15806
RAINBOW UNIT #4	U-017664A	1628' FSL & 1868' FWL Sec. 1, T11S, R23E	5567' GR	43-047-15807
ROCKHOUSE UNIT #1	U-0779 WASATCH	995' FSL & 721' FWL Sec. 10, T11S, R23E	5849' GR	43-047-15809
ROCKHOUSE UNIT #3	U-0778 MESA VERDE	1653' FSL & 1286' FWL Sec. 11, T11S, R23E	5988' GR	43-047-15810
ROCKHOUSE #4	U-0779 WASATCH	2587' FNL & 1866' FWL Sec. 9, T11S, R23E	5833' GR	43-047-15811
ROCKHOUSE #44-14	U-0799 WASATCH	522' FSL & 522' FWL Sec. 14, T11S, R23E	5773' GR	43-047-31806
ROCKHOUSE UNIT #5A	U-0799 WASATCH	380' FWL & 1972' FWL Sec. 13, T11S, R23E	5607' GR	43-047-15812
ROCKHOUSE UNIT #8	U-0780 WASATCH	1159' FWL & 1367' FNL Sec. 23, T11S, R23E	5849' GR	43-047-15815

RECEIVED
OCT 10 1989

DIVISION OF
OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0034
Expires: August 31, 1989

ASSIGNMENT OF RECORD TITLE INTEREST IN A
LEASE FOR OIL AND GAS OR GEOTHERMAL RESOURCES

Mineral Leasing Act of 1920 (30 U.S.C. 181 et seq.)
Act for Acquired Lands of 1947 (30 U.S.C. 351-359)
Geothermal Steam Act of 1970 (30 U.S.C. 1001-1025)
Department of the Interior Appropriations Act, Fiscal Year 1981 (42 U.S.C. 6508)

Lease Serial No.

Lease Effective Date
(Anniversary Date)

New Serial No.

89

Type or print plainly in ink and sign in ink.

PART A: ASSIGNMENT

1. Assignee* McKENZIE PETROLEUM COMPANY
Street 1625 Broadway, Suite 2580
City, State, ZIP Code Denver, CO 80202

*If more than one assignee, check here and list the name(s) and address(es) of all additional assignees on the reverse of this form or on a separate attached sheet of paper.

This record title assignment is for: (Check one) Oil and Gas Lease, or Geothermal Lease

Interest conveyed: (Check one or both, as appropriate) Record Title, Overriding Royalty, payment out of production or other similar interests or payments

2. This assignment conveys the following interest:

Land Description <small>Additional space on reverse, if needed. Do not submit documents or agreements other than this form; such documents or agreements shall only be referenced herein.</small>	Percent of Interest			Percent of Overriding Royalty or Similar Interests		
	Owned	Conveyed	Retained	Reserved	Previously reserved or conveyed	
	a	b	c			d

SEE EXHIBIT "A" ATTACHED HERETO FOR DESCRIPTIONS OF THE LEASES, LANDS AND INTERESTS BEING CONVEYED.

STATE OF UTAH)
) ss.
COUNTY OF SALT LAKE)

RECEIVED
OCT 16 1989

On this day of OCT 11 1989, before me appeared Robert Lopez, to me personally known, who being by me duly sworn did say that he is Chief of the Minerals Adjudication Section, Bureau of Land Management, and that the original of the foregoing instrument was signed on behalf of said Bureau, and that he acknowledged said instrument to be the free and voluntary act of said Bureau.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal the month, day, and year first above written.

Joseph Cunningham
Notary Public
324 South State Street, Suite 301
Salt Lake City, Utah 84111-2303

My Commission Expires: APR 28 1991

PAPERWORK REDUCTION ACT STATEMENT

- 1. This information is being collected pursuant to the law.
- 2. This information will be used to create and maintain a record of oil and gas/geothermal lease activity.
- 3. Response to this request is required to obtain benefit.

NOTICE

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this oil and gas/geothermal lease record title assignment application.

AUTHORITY: 30 U.S.C. 181 et seq; 30 U.S.C. 1001-1025; 42 U.S.C. 6508

PRINCIPAL PURPOSE—The information is to be used to process record title assignments for oil and gas/geothermal resources leases.

ROUTINE USE

- (1) The adjudication of the assignee's rights to the land or resources.
- (2) Documentation for public information in support of notations made on land status records for the management, disposal, and use of public lands and resources.
- (3) Transfer to appropriate Federal agencies when concurrence is required prior to granting a right in public lands or resources.
- (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

EFFECT OF NOT PROVIDING INFORMATION—If all requested information is not provided, the assignment may not be approved. See regulations at 43 CFR Groups 3100 and 3200.

Tear

Tear

Tear

Part A (Continued): ADDITIONAL SPACE for Names and addresses of additional assignees in Item No. 1, if needed, or for Land Description in Item No. 2, if needed.

This Assignment of Record Title Interest is expressly made subject to all of the terms and provisions of that certain Purchase and Sale Agreement dated August 20, 1989 between Assignor and Assignee.

As between Assignor and Assignee, this Assignment of Record Title Interest shall be effective September 1, 1989 at 7:00 a.m., C.D.T.

PART B: CERTIFICATION AND REQUEST FOR APPROVAL

- 1. The assignor certifies as owner of an interest in the above designated lease that he/she hereby assigns to the above assignee(s) the rights specified above.
- 2. Assignee certifies as follows: (a) Assignee is a citizen of the United States; an association of such citizens; a municipality; or a corporation organized under the laws of the United States or of any State or territory thereof. For the assignment of NPR-A leases, assignee is a citizen, national, or resident alien of the United States or association of such citizens, nationals, resident aliens or private, public or municipal corporations, (b) Assignee is not considered a minor under the laws of the State in which the lands covered by this assignment are located; (c) Assignee's chargeable interests, direct and indirect, in either public domain or acquired lands, do not exceed 200,000 acres in oil and gas options or 246,080 in oil and gas leases in the same State, or 300,000 acres in leases and 200,000 acres in options in each leasing District in Alaska, if this is an oil and gas lease issued in accordance with the Mineral Leasing Act of 1920 or 51,200 acres in any one State if this is a geothermal lease; (d) All parties holding an interest in the assignment are otherwise in compliance with the regulations (43 CFR Group 3100 or 3200) and the authorizing Acts; (e) Assignee is in compliance with reclamation requirements for all Federal oil and gas lease holdings as required by sec. 17(g) of the Mineral Leasing Act; and (f) Assignee is not in violation of sec. 41 of the Mineral Leasing Act.
- 3. Assignee's signature to this assignment constitutes acceptance of all applicable terms, conditions, stipulations and restrictions pertaining to the lease described herein.

For geothermal assignments, an overriding royalty may not be less than one-fourth (1/4) of one percent of the value of output, nor greater than 50 percent of the rate of royalty due to the United States when this assignment is added to all previously created overriding royalties (43 CFR 3241).

I certify that the statements made herein by me are true, complete, and correct to the best of my knowledge and belief and are made in good faith.

Executed this 15 day of September, 1989

Executed this 20th day of September, 1989

Name of Assignor as shown on current lease MAXUS EXPLORATION COMPANY Please type or print

McKENZIE PETROLEUM COMPANY

Assignor or Attorney-in-fact Austin Murr (Signature)

Assignee or Attorney-in-fact Howard W. Dennis (Signature)

Austin Murr (Signature) Attorney-in-Fact

(Signature)

P. O. Box 400 (Assignor's Address)

Amarillo Texas 79188 (City) (State) (Zip Code)

EXHIBIT "A"

To Assignment of Record Title Interest from
 MAXUS EXPLORATION COMPANY, Assignor, to
 MCKENZIE PETROLEUM COMPANY, Assignee

<u>Lease Serial No.</u>	<u>Effective Date</u>	<u>Land Description</u>	<u>Percent of Interest</u>			<u>Overriding Royalty</u>	
			<u>Owned</u>	<u>Conveyed</u>	<u>Retained</u>	<u>Reserved</u>	<u>Previously Reserved</u>
U-0326	3-1-51	<u>Township 11 South, Range 24 East</u> Section 17: Lots 1, 2, S/2 NW Section 18: E/2 NE 199.69 acres, M/L	100%	100%	-0-	-0-	10%
U-0529	4-1-51	<u>Township 11 South, Range 24 East</u> Section 18: Lots 1-4, E/2 W/2, W/2 NE, SE Section 19: NE 699.56 acres, M/L	100%	100%	-0-	-0-	unknown
✓ U-0778	3-1-51	<u>Township 11 South, Range 23 East</u> Section 4: All Section 11: All Section 12: W/2 SW 1,428.36 acres, M/L	62.5%	62.5%	-0-	-0-	3%

EXHIBIT "A"

To Assignment of Record Title Interest from
MAXUS EXPLORATION COMPANY, Assignor, to
MCKENZIE PETROLEUM COMPANY, Assignee

<u>Lease Serial No.</u>	<u>Effective Date</u>	<u>Land Description</u>	<u>Percent of Interest</u>			<u>Overriding Royalty</u>	
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✓ U-0779	3-1-51	<u>Township 11 South, Range 23 East</u> Section 9: All Section 10: All Section 13: Lots 2-4, SWNE, W/2 SE, SW, S/2 NW, NWNW Section 14: All 2,442.09 acres, M/L	62.5%	62.5%	-0-	-0-	3%
✓ U-0780	3-1-51	<u>Township 11 South, Range 23 East</u> Section 15: E/2 E/2, NWNE, NW, NWSW Section 23: NE, E/2 NW, NESW, N/2 SE Section 24: N/2 1,080.00 acres, M/L	62.5%	62.5%	-0-	-0-	3%
U-016788	12-1-55	<u>Township 11 South, Range 23 East</u> Section 21: SE 160.00 acres, M/L	100%	100%	-0-	-0-	5%

EXHIBIT "A"

To Assignment of Record Title Interest from
 MAXUS EXPLORATION COMPANY, Assignor, to
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<u>Lease Serial No.</u>	<u>Effective Date</u>	<u>Land Description</u>	<u>Percent of Interest</u>			<u>Overriding Royalty</u>	
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✓ U-017403	3-1-56	<u>Township 11 South, Range 24 East</u> Section 7: Lots 5, 10, 11 Section 8: Lots 1-7, NENE, N/2 SW, W/2 SE, SESE, SWNW 635.48 acres, M/L	100%	100%	-0-	-0-	10%
✓ U-017664-A	4-1-56	<u>Township 11 South, Range 23 East</u> Section 1: Lots 10-17, S/2 NW, N/2 SE, SESE Section 12: Lots 1-4, SWNE, NENW 558.39 acres, M/L	100%	100%	-0-	-0-	10%
U-018859	8-1-56	<u>Township 11 South, Range 24 East</u> Section 19: Lots 1-4, E/2 W/2, SE 460.08 acres, M/L	100%	100%	-0-	-0-	10%

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS <small>(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.)</small>		5. LEASE DESIGNATION & SERIAL NO. -
		6. IF INDIAN ALLOTTEE OR TRIBE NAME -
1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Change Of Operator - Mass Transfer		7. UNIT AGREEMENT NAME -
2. NAME OF OPERATOR McKenzie Petroleum Company		8. FARM OR LEASE NAME -
3. ADDRESS OF OPERATOR 1625 Broadway, Suite 2580, Denver, CO. 80202		9. WELL NO. -
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface At proposed prod. zone See Attachments		10. FIELD AND POOL, OR WILDCAT -
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA -
14. API NO. -	15. ELEVATIONS (Show whether DF, RT, GR, etc.) -	12. COUNTY Uintah
		13. STATE Utah

RECEIVED

OCT 19 1989

DIVISION OF OIL, GAS & MINING

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

<p style="text-align: center; font-weight: bold;">NOTICE OF INTENTION TO:</p> <table style="width:100%; border: none;"> <tr> <td>TEST WATER SHUT-OFF <input type="checkbox"/></td> <td>PULL OR ALTER CASING <input type="checkbox"/></td> </tr> <tr> <td>FRACTURE TREAT <input type="checkbox"/></td> <td>MULTIPLE COMPLETE <input type="checkbox"/></td> </tr> <tr> <td>SHOOT OR ACIDIZE <input type="checkbox"/></td> <td>ABANDON <input type="checkbox"/></td> </tr> <tr> <td>REPAIR WELL <input type="checkbox"/></td> <td>CHANGE PLANS <input checked="" type="checkbox"/></td> </tr> <tr> <td>(Other) <input type="checkbox"/></td> <td></td> </tr> </table> <p>APPROX. DATE WORK WILL START <u>8-20-89</u></p>	TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON <input type="checkbox"/>	REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>	(Other) <input type="checkbox"/>		<p style="text-align: center; font-weight: bold;">SUBSEQUENT REPORT OF:</p> <table style="width:100%; border: none;"> <tr> <td>WATER SHUT-OFF <input type="checkbox"/></td> <td>REPAIRING WELL <input type="checkbox"/></td> </tr> <tr> <td>FRACTURE TREATMENT <input type="checkbox"/></td> <td>ALTERING CASING <input type="checkbox"/></td> </tr> <tr> <td>SHOOTING OR ACIDIZING <input type="checkbox"/></td> <td>ABANDONMENT* <input type="checkbox"/></td> </tr> <tr> <td colspan="2">(Other) <u>Change of Operator</u></td> </tr> <tr> <td colspan="2"><small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small></td> </tr> </table> <p>DATE OF COMPLETION <u>9-1-89</u></p>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>	(Other) <u>Change of Operator</u>		<small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>																				
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SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON <input type="checkbox"/>																				
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>																				
(Other) <input type="checkbox"/>																					
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(Other) <u>Change of Operator</u>																					
<small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>																					

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.)

* Must be accompanied by a cement verification report.

Please Note: Change Of Operator via Mass Transfer between Maxus Exploration Company and McKenzie Petroleum Company effective September 1, 1989 at 7:00 A.M., C.D.T.

Mass Transfer locations and descriptions attached along with BLM approval.

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

SIGNED Howard W. Dennis TITLE Vice President DATE 10-17-89
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
 CONDITIONS OF APPROVAL, IF ANY:

See Instructions On Reverse Side

Form 3000-3
(June 1988)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0034
Expires: August 31, 1989

ASSIGNMENT OF RECORD TITLE INTEREST IN A
LEASE FOR OIL AND GAS OR GEOTHERMAL RESOURCES

Mineral Leasing Act of 1920 (30 U.S.C. 181 et seq.)
Act for Acquired Lands of 1947 (30 U.S.C. 351-359)
Geothermal Steam Act of 1970 (30 U.S.C. 1001-1025)
Department of the Interior Appropriations Act, Fiscal Year 1981 (42 U.S.C. 6508)

Lease Serial No.

Lease Effective Date
(Anniversary Date)

New Serial No.

Type or print plainly in ink and sign in ink.

PART A: ASSIGNMENT

1. Assignee* MCKENZIE PETROLEUM COMPANY
Street 1625 Broadway, Suite 2580
City, State, ZIP Code Denver, CO 80202

*If more than one assignee, check here and list the name(s) and address(es) of all additional assignees on the reverse of this form or on a separate attached sheet of paper.

This record title assignment is for: (Check one) Oil and Gas Lease, or Geothermal Lease

Interest conveyed: (Check one or both, as appropriate) Record Title, Overriding Royalty, payment out of production or other similar interests or payments

2. This assignment conveys the following interest:

Land Description <small>Additional space on reverse, if needed. Do not submit documents or agreements other than this form; such documents or agreements shall only be referenced herein.</small>	Percent of Interest			Percent of Overriding Royalty or Similar Interests	
	Owned	Conveyed	Retained	Reserved	Previously reserved or conveyed
	b	c	d		
a					

SEE EXHIBIT "A" ATTACHED HERETO FOR DESCRIPTIONS OF THE LEASES, LANDS AND INTERESTS BEING CONVEYED.

STATE OF UTAH)
) ss.
COUNTY OF SALT LAKE)

RECEIVED
OCT 16 1989

On this day of OCT 11 1989, before me appeared Robert Lopez, to me personally known, who being by me duly sworn did say that he is Chief of the Minerals Adjudication Section, Bureau of Land Management, and that the original of the foregoing instrument was signed on behalf of said Bureau, and that he acknowledged said instrument to be the free and voluntary act of said Bureau.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal the month, day, and year first above written.

Joseph Cunningham
Notary Public
324 South State Street, Suite 301
Salt Lake City, Utah 84111-2303

My Commission Expires: APR 28 1991

PAPERWORK REDUCTION ACT STATEMENT

- 1. This information is being collected pursuant to the law.
- 2. This information will be used to create and maintain a record of oil and gas/geothermal lease activity.
- 3. Response to this request is required to obtain benefit.

NOTICE

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this oil and gas/geothermal lease record title assignment application.

AUTHORITY: 30 U.S.C. 181 et seq; 30 U.S.C. 1001-1025; 42 U.S.C. 6508

PRINCIPAL PURPOSE—The information is to be used to process record title assignments for oil and gas/geothermal resources leases.

ROUTINE USE:

- (1) The adjudication of the assignee's rights to the land or resources.
- (2) Documentation for public information in support of notations made on land status records for the management, disposal, and use of public lands and resources.
- (3) Transfer to appropriate Federal agencies when concurrence is required prior to granting a right in public lands or resources.
- (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

EFFECT OF NOT PROVIDING INFORMATION—If all requested information is not provided, the assignment may not be approved. See regulations at 43 CFR Groups 3100 and 3200.

Tear

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Part A (Continued): ADDITIONAL SPACE for Names and addresses of additional assignees in Item No. 1, if needed, or for Land Description in Item No. 2, if needed.

This Assignment of Record Title Interest is expressly made subject to all of the terms and provisions of that certain Purchase and Sale Agreement dated August 20, 1989 between Assignor and Assignee.

As between Assignor and Assignee, this Assignment of Record Title Interest shall be effective September 1, 1989 at 7:00 a.m., C.D.T.

PART B: CERTIFICATION AND REQUEST FOR APPROVAL

- 1. The assignor certifies as owner of an interest in the above designated lease that he/she hereby assigns to the above assignee(s) the rights specified above.
- 2. Assignee certifies as follows: (a) Assignee is a citizen of the United States; an association of such citizens; a municipality; or a corporation organized under the laws of the United States or of any State or territory thereof. For the assignment of NPR-A leases, assignee is a citizen, national, or resident alien of the United States or association of such citizens, nationals, resident aliens or private, public or municipal corporations, (b) Assignee is not considered a minor under the laws of the State in which the lands covered by this assignment are located; (c) Assignee's chargeable interests, direct and indirect, in either public domain or acquired lands, do not exceed 200,000 acres in oil and gas options or 246,080 in oil and gas leases in the same State, or 300,000 acres in leases and 200,000 acres in options in each leasing District in Alaska, if this is an oil and gas lease issued in accordance with the Mineral Leasing Act of 1920 or 51,200 acres in any one State if this is a geothermal lease; (d) All parties holding an interest in the assignment are otherwise in compliance with the regulations (43 CFR Group 3100 or 3200) and the authorizing Acts; (e) Assignee is in compliance with reclamation requirements for all Federal oil and gas lease holdings as required by sec. 17(g) of the Mineral Leasing Act; and (f) Assignee is not in violation of sec. 41 of the Mineral Leasing Act.
- 3. Assignee's signature to this assignment constitutes acceptance of all applicable terms, conditions, stipulations and restrictions pertaining to the lease described herein.

For geothermal assignments, an overriding royalty may not be less than one-fourth (1/4) of one percent of the value of output, nor greater than 50 percent of the rate of royalty due to the United States when this assignment is added to all previously created overriding royalties (43 CFR 3241).

I certify that the statements made herein by me are true, complete, and correct to the best of my knowledge and belief and are made in good faith.

Executed this 15 day of September, 1989

Executed this 20th day of September, 1989

Name of Assignor as shown on current lease MAXUS EXPLORATION COMPANY Please type or print

McKENZIE PETROLEUM COMPANY

Assignor or Attorney-in-fact (Signature) Austin Murr (Signature)

Assignee or Attorney-in-fact (Signature) Howard W. Dennis (Signature)

P. O. Box 400 (Assignor's Address)

Amarillo Texas 79188 (City) (State) (Zip Code)

Title 18 U.S.C. Sec. 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.

EXHIBIT "A"

To Assignment of Record Title Interest from
 MAXUS EXPLORATION COMPANY, Assignor, to
 MCKENZIE PETROLEUM COMPANY, Assignee

<u>Lease Serial No.</u>	<u>Effective Date</u>	<u>Land Description</u>	<u>Percent of Interest</u>			<u>Overriding Royalty</u>	
			<u>Owned</u>	<u>Conveyed</u>	<u>Retained</u>	<u>Reserved</u>	<u>Previously Reserved</u>
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✓ U-0780	3-1-51	<u>Township 11 South, Range 23 East</u> Section 15: E/2 E/2, NWNE, NW, NWSW Section 23: NE, E/2 NW, NESW, N/2 SE Section 24: N/2 1,080.00 acres, M/L	62.5%	62.5%	-0-	-0-	3%
U-016788	12-1-55	<u>Township 11 South, Range 23 East</u> Section 21: SE 160.00 acres, M/L	100%	100%	-0-	-0-	5%

EXHIBIT "A"

To Assignment of Record Title Interest from
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 MCKENZIE PETROLEUM COMPANY, Assignee

<u>Lease Serial No.</u>	<u>Effective Date</u>	<u>Land Description</u>	<u>Percent of Interest</u>			<u>Overriding Royalty</u>	
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RECEIVED
OCT 19 1989

DIVISION OF
OIL, GAS & MINING

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MAXUS EXPLORATION COMPANY, Assignor, to
McKENZIE PETROLEUM COMPANY, Assignee

<u>Lease Serial No.</u>	<u>Effective Date</u>	<u>Land Description</u>	<u>Percent of Interest</u>			<u>Overriding Royalty</u>	
			<u>Owned</u>	<u>Conveyed</u>	<u>Retained</u>	<u>Reserved</u>	<u>Previously Reserved</u>
✓ U-036414	9-1-59	<u>Township 11 South, Range 24 East</u> Section 8: Lot 9 7.12 acres, M/L	100%	100%	-0-	-0-	10%
✓ U-062420	3-1-51	<u>Township 11 South, Range 23 East</u> Section 12: S/2 NW, NWNW 120.00 acres, M/L	62.5%	62.5%	-0-	-0-	3%
✓ U-070535-E	1-1-51	<u>Township 11 South, Range 24 East</u> Section 8: Lots 8 and 10 62.63 acres, M/L	100%	100%	-0-	-0-	10%
✓ U-070536-B	2-1-51	<u>Township 11 South, Range 23 East</u> Section 1: Lot 9, SWNE 71.93 acres, M/L	100%	100%	-0-	-0-	9%

All in Uintah County, Utah

exhibitA.doc

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION & SERIAL NO.
U-0778

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 plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

7. UNIT AGREEMENT NAME
Rockhouse Unit

8. FARM OR LEASE NAME
Rockhouse Unit

9. WELL NO.
#37

10. FIELD AND POOL, OR WILDCAT
Mesaverde

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 11-T11S-R23E

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
McKenzie Petroleum Co.

3. ADDRESS OF OPERATOR
1625 Broadway, Suite 2580, Denver, Co. 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface 1653 FSL, 1386 FEL NW 1/4 SE 1/4
At proposed prod. zone
Same

14. API NO.
43-047-15810

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
GR 5988

12. COUNTY
Uintah

13. STATE
Utah

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF FULL OR ALTER CASING
 FRACTURE TREAT MULTIPLE COMPLETE
 SHOOT OR ACIDIZE ABANDON
 REPAIR WELL CHANGE PLANS
 (Other) Continued Abandonment
 APPROX. DATE WORK WILL START _____

SUBSEQUENT REPORT OF:

WATER SHUT-OFF REPAIRING WELL
 FRACTURE TREATMENT ALTERING CASING
 SHOOTING OR ACIDIZING ABANDONMENT*
 (Other) _____
 (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
 DATE OF COMPLETION _____

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.)

* Must be accompanied by a cement verification report.

The above referenced well is still shut-in to date. When economic conditions warrant resumed production, you will be notified immediately.

OIL AND GAS	
DRN	RJF
JRB	GLH
DTS	SLS
1-TAS	
2- MICROFILM	
3- FILE	

18. I hereby certify that the foregoing is true and correct
 SIGNED Sam Cadz TITLE Technician DATE 12-18-89

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
 CONDITIONS OF APPROVAL, IF ANY:

See Instructions On Reverse Side

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

5. LEASE DESIGNATION AND SERIAL NO.
U-0778

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 plug-back to a different reservoir. Use "APPLICATION FOR PERMIT" for such proposals.)

RECEIVED
JUL 16 1990
DIVISION OF
77063

1. OIL WELL GAS WELL OTHER

7. UNIT AGREEMENT NAME
Rockhouse Unit

2. NAME OF OPERATOR
McKenzie Production Company

8. FARM OR LEASE NAME
Rockhouse Unit

3. ADDRESS OF OPERATOR
7880 San Felipe Rd., Suite 100, Houston, Texas 77063

9. WELL NO.
#3

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
1653 FSL, 1386 FEL NW 1/4 SE 1/4

10. FIELD AND POOL, OR WILDCAT
Mesaverde

11. SEC., T., R., M., OR B.L.E. AND SURVEY OR AREA
SEC 11 T11S R23E

14. API NUMBER
43 047 15810

15. ELEVATIONS (Show whether DF, ST, GR, etc.)
GR 5988'

12. COUNTY OR PARISH 13. STATE
Uintah Utah

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) Change operator name & Address <input checked="" type="checkbox"/>	
(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.)

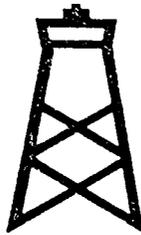
EFFECTIVE 6/1/90
Change of Operator Name From McKenzie Petroleum Company to McKenzie Production Company.
Change Address from 1625 Broadway, Suite 2580, Denver, Colo 80202 to 7880 San Felipe Rd., Suite 100, Houston, Texas 77063

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

SIGNED Brenda M. Barry TITLE Engineering Assistant DATE 7/2/90
BRENDA MARRY

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:



McKenzie Production Company

July 10, 1990

RECEIVED
JUL 16 1990

DIVISION OF
OIL, GAS & MINING

State of Utah
Department of Natural Resources
Oil & Gas Mining
355 W. N. Temple, Ste. 350
Salt Lake City, Utah 84180

RE: Operator Name Change

Gentlemen:

Enclosed are Sundry Notices for operator name change and address change. This name change is a change in name only and not an actual change of operator. Changes in our personnel have resulted in moving the production/regulatory from our office in Denver to the "home office" located in Houston.

All future correspondence should be forwarded to the Houston Office located at the following address:

7880 San Felipe Rd., Suite 100
Houston, Texas 77063

If you have any questions or need any additional information concerning this change, please do not hesitate to call our Houston Office at area code 713/783 4300. Thank you for your cooperation and assistance with this change.

Sincerely,

Brenda

Brenda Mabry

:BJM

Encl.

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1-
2-
3-
4-
5-
6-

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

- 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: 6-1-90)

TO (new operator) MCKENZIE PRODUCTION COMPANY FROM (former operator) MCKENZIE PETROLEUM COMPANY
 (address) CONTINUED-- (address) _____

 phone () _____ phone () _____
 account no. N _____ account no. N _____

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

Name: ROCKHOUSE UNIT #8 WSTC API: 4304715815 Entity: 02025 Sec 23 Twp 11S Rng 23E Lease Type: U-078C
 Name: _____ API: _____ Entity: _____ Sec _____ Twp _____ Rng _____ Lease Type: _____
 Name: _____ API: _____ Entity: _____ Sec _____ Twp _____ Rng _____ Lease Type: _____
 Name: _____ API: _____ Entity: _____ Sec _____ Twp _____ Rng _____ Lease Type: _____
 Name: _____ API: _____ Entity: _____ Sec _____ Twp _____ Rng _____ Lease Type: _____
 Name: _____ API: _____ Entity: _____ Sec _____ Twp _____ Rng _____ Lease Type: _____
 Name: _____ API: _____ Entity: _____ Sec _____ Twp _____ Rng _____ Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

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

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1-
2-
3-
4-
5-
6-

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

- 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: 6-1-90)

TO (new operator) MCKENZIE PRODUCTION COMPANY FROM (former operator) MCKENZIE PETROLEUM COMPANY
 (address) CONTINUED-- (address) _____

 phone () _____ phone () _____
 account no. N account no. N

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

Name: ~~RAINBOW UNIT #1~~ GRV API: 4304715805 Entity: 02010 Sec 8 Twp 11S Rng 24E Lease Type: U-01740
 Name: ~~ROCKHOUSE UNIT #3~~ MVRD API: 4304715810 Entity: 10876 Sec 11 Twp 11S Rng 23E Lease Type: U-0778
 Name: ~~ROCKHOUSE UNIT #4~~ WSTC API: "WSTC" PA Entity: 02025 Sec _____ Twp _____ Rng _____ Lease Type: "
 Name: ~~ROCKHOUSE UNIT #4-14~~ WSTC API: 4304715811 Entity: 02025 Sec 9 Twp 11S Rng 23E Lease Type: U-0779
 Name: ~~ROCKHOUSE UNIT #44-14~~ WSTC API: 4304731806 Entity: 02025 Sec 14 Twp 11S Rng 23E Lease Type: U-0779
 Name: ~~ROCKHOUSE UNIT #1~~ MVRD API: 4304715809 Entity: 10876 Sec 10 Twp 11S Rng 23E Lease Type: U-0779
 Name: ~~ROCKHOUSE UNIT #5-A~~ WSTC API: 4304715812 Entity: 02025 Sec 13 Twp 11S Rng 23E Lease Type: U-0779
 CONTINUED--

OPERATOR CHANGE DOCUMENTATION

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

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:	
1- ICR	<i>[initials]</i>
2- DPTS	<i>[initials]</i>
3- VLC	<i>[initials]</i>
4- RJF	<i>[initials]</i>
5- RWM	<i>[initials]</i>
6- LCR	<i>[initials]</i>

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

- 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: 6-1-90)

TO (new operator)	<u>MCKENZIE PRODUCTION COMPANY</u>	FROM (former operator)	<u>MCKENZIE PETROLEUM COMPANY</u>
(address)	<u>7880 SAN FELIPE RD, #100</u>	(address)	<u>7880 SAN FELIPE RD, #100</u>
	<u>HOUSTON, TX 77063</u>		<u>HOUSTON, TX 77063</u>
	<u>phone (713) 783-4300</u>		<u>phone (713) 783-4300</u>
	<u>account no. N0095</u>		<u>account no. N0090</u>

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

Name: <u>THOMAS E. HALL #3 WEBB</u>	API: <u>4304715593</u>	Entity: <u>00615</u>	Sec <u>23</u> Twp <u>5S</u> Rng <u>22E</u>	Lease Type: <u>FEE</u>
Name: <u>THOMAS E. HALL #4 WEBB</u>	API: <u>4304715594</u>	Entity: <u>00615</u>	Sec <u>23</u> Twp <u>5S</u> Rng <u>22E</u>	Lease Type: <u>FEE</u>
Name: <u>THOMAS HALL FEE 1 WEBB</u>	API: <u>4304715591</u>	Entity: <u>00620</u>	Sec <u>23</u> Twp <u>5S</u> Rng <u>22E</u>	Lease Type: <u>FEE</u>
Name: <u>THOMAS HALL FEE 2 WEBB</u>	API: <u>4304715592</u>	Entity: <u>00620</u>	Sec <u>23</u> Twp <u>5S</u> Rng <u>22E</u>	Lease Type: <u>FEE</u>
Name: <u>THOMAS E. HALL #5S ENRD</u>	API: <u>4304715595</u>	Entity: <u>00620</u>	Sec <u>23</u> Twp <u>5S</u> Rng <u>22E</u>	Lease Type: <u>FEE</u>
Name: <u>RAINBOW UNIT 2A GRY</u>	API: <u>4304715806</u>	Entity: <u>01350</u>	Sec <u>18</u> Twp <u>11S</u> Rng <u>24E</u>	Lease Type: <u>U-0529</u>
Name: <u>RAINBOW UNIT #4 WSTC</u>	API: <u>4304715807</u>	Entity: <u>01355</u>	Sec <u>1</u> Twp <u>11S</u> Rng <u>23E</u>	Lease Type: <u>U-017664</u>

CONTINUED--

OPERATOR CHANGE DOCUMENTATION

- 1 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form).
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Name change only)
- 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: .
- 1 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.
- 1 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above.
- 1 6. Cardex file has been updated for each well listed above.
- 1 7. Well file labels have been updated for each well listed above.
- 1 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission.
- 1 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.

ENTITY REVIEW

- 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) NO (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only) * See Comments below (will put copy in suspense & follow-up)

- 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- 2. A copy of this form has been placed in the new and former operators' bond files.
- 3. The former operator has requested a release of liability from their bond (yes/no) NO. Today's date July 25, 1990. If yes, division response was made by letter dated _____ 19__.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- 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.
- 2. Copies of documents have been sent to State Lands for changes involving State leases.

MICROFILMING

- 1. All attachments to this form have been microfilmed. Date: August 7 1990.

FILED

- 1. Copies of all attachments to this form have been filed in each well file.
- 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

7-23-90 Btm/Bearc Paperwork should go through state office first, then to them. Will call! (Have not received as of yet)

7-23-90 McKenzie Prod. Co. / Brenda Mehry will send IDIOC "Rider" adding McKenzie Prod. Co. to original bond. (They are operating under both names)

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
 355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

CHRISTINE SEVERNS
 MCKENZIE PRODUCTION CO
 7880 SAN FELIPE #100
 HOUSTON TX 77063

UTAH ACCOUNT NUMBER: N0095

REPORT PERIOD (MONTH/YEAR): 8 / 94

AMENDED REPORT (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
THOMAS E. HALL #3					- FEE	4208'		
4304715593	00615	05S 22E 23	WEBR		- FEE	4200'		
THOMAS E. HALL #4					- FEE	4122'	} Sep. Oper. Chg.	
4304715594	00615	05S 22E 23	WEBR		- FEE	4170'		
THOMAS HALL FEE 1					- FEE	2055'		
4304715591	00620	05S 22E 23	WEBR		- FEE			
THOMAS HALL FEE 2					- FEE			
4304715592	00620	05S 22E 23	WEBR		- FEE			
THOMAS E. HALL #5S					- FEE			
4304715595	00620	05S 22E 23	ENRD		- FEE			
RAINBOW UNIT 2A					- 40529	(Rainbow Unit)		
4304715806	01350	11S 24E 18	WSTC		- 401766	A "		
RAINBOW UNIT #4					- 4017403	"		
4304715807	01355	11S 23E 1	WSTC		- 40778	(Rockhouse Unit)		
RAINBOW UNIT 1					- 40779	"		
4304715805	02010	11S 24E 8	WSTC		- "	"		
ROCKHOUSE UNIT 3					- 40779	"		
4304715810	02025	11S 23E 11	WSTC		- "	"		
ROCKHOUSE UNIT 4					- 40780	"		
4304715811	02025	11S 23E 9	WSTC		- 40779	"		
ROCKHOUSE UNIT #5A					- "	"		
4304715812	02025	11S 23E 13	WSTC		- "	"		
ROCKHOUSE UNIT #8					- 40779	"		
4304715815	02025	11S 23E 23	WSTC		- "	"		
ROCK HOUSE UNIT #44-14					- 40779	"		
4304731806	02025	11S 23E 14	WSTC		-			
TOTALS								

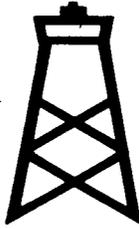
COMMENTS: _____

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Name and Signature: _____

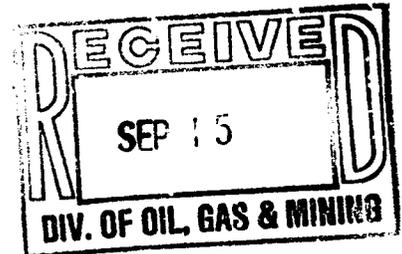
Telephone Number: _____



The McKenzie Companies

September 14, 1994

UTAH DEPARTMENT OF NATURAL RESOURCES
Division of Oil, Gas and Mining
355 W. No. Temple
3 Trian Center, Suite 350
Salt Lake City, UT 84180



RE: Change of Operator for Rainbow and Rockhouse Units
Unitah County, Utah

Gentlemen:

This letter is being written to advise you that we have sold our interest in the captioned units and have designated the new owner, UNITED UTILITIES CORPORATION as Operator. We and UNITED UTILITIES CORPORATION have filed the appropriate forms with the Bureau of Land Management and the State of Utah. UNITED UTILITIES CORPORATION has a Letter of Credit in place to meet the requirement of a bond.

For your records, please be advised that our new address is:

7500 San Felipe Suite 400
Houston, Texas 77063
Phone (713) 780-9311
Fax (713) 780-9322

Sincerely,

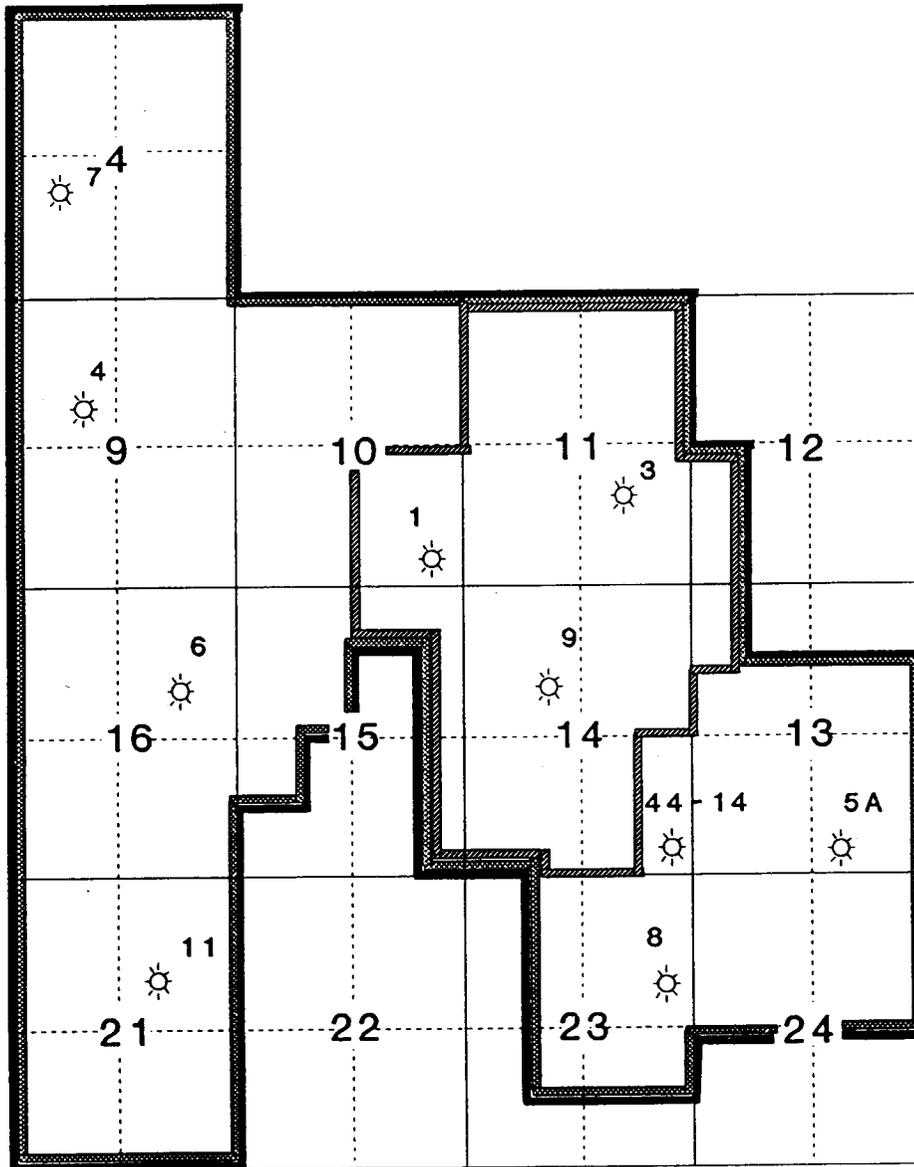
940916: Address Updated. LLC

MCKENZIE PETROLEUM COMPANY and/or
MCKENZIE PRODUCTION COMPANY

BY _____

ROCK HOUSE UNIT

Uintah County, Utah



11S

23E

- UNIT AGREEMENT (UTU63030X)
- - -** WASATCH PA
- ///** MESAVERDE PA

AS CONTRACTED, FEBRUARY 2, 1966

6,230.45 ACRES

WASATCH PA ALLOCATION	
FEDERAL	89.0979%
STATE	10.9021%
5,870.45 Acres	

MESAVERDE PA ALLOCATION	
FEDERAL	100.00%
1,680.00 Acres	

Authorized Officer
Bureau of Land Management

Re: ROCKHOUSE Unit
Uintah County, UTAH

Gentlemen:

Enclosed for your consideration and approval, are four (4) copies of Resignation of Unit Operator and Designation of Successor Operator for the ROCKHOUSE Unit Area. The enclosed instrument has been executed by more than the required percentage of working interest owners pursuant to the ROCKHOUSE Unit and Unit Operating Agreements. All operations within the ROCKHOUSE Unit Agreement will be covered by bond no. Letter.of Credit.

Sincerely,
McKENZIE PETROLEUM CO. and/or
McKENZIE PRODUCTION CO.

BY 

Enclosures

Authorized Officer
Bureau of Land Management

Re: ROCKHOUSE Unit
Uintah County, UTAH

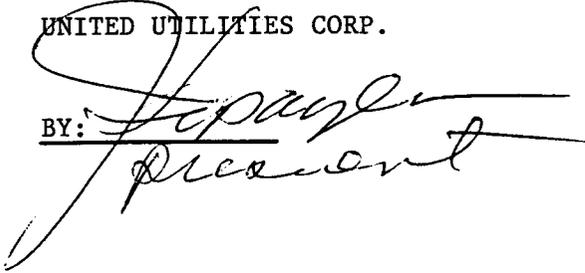
Gentlemen:

Enclosed for your consideration and approval, are four (4) copies of Resignation of Unit Operator and Designation of Successor Operator for the ROCKHOUSE Unit Area.

UNITED UTILITIES CORP., as the designated successor operator under the ROCKHOUSE Unit Agreement, hereby certifies that the requisite approvals of the current working interest owners in the agreement have been obtained to satisfy the requirements for selection of a successor operator as set forth under the terms and provisions of the agreement. All operations within the ROCKHOUSE Unit Agreement will be covered by bond no. Letter of Credit.

Sincerely,

UNITED UTILITIES CORP.

BY: 
Prescott

Enclosures

RESIGNATION OF UNIT OPERATOR

ROCKHOUSE Unit Area

County of UINTAH

State of UTAH

Unit Agreement No. (un-numbered)

Under and pursuant to the provisions of Section 5 of the Unit Agreement for the Development and Operation of the ROCKHOUSE Unit Area, UINTAH County, UTAH

McKENZIE PETROLEUM CO. and/or
McKENZIE PRODUCTION CO.

the designated Unit Operator under said Unit Agreement, does hereby resign as Unit Operator, effective upon the selection and approval of a successor Unit Operator.

EXECUTED with effect as aforesaid the 14th day of September, 1994.

ATTEST:

McKENZIE PETROLEUM CO. and/or
McKENZIE PRODUCTION CO.



BY: 

DESIGNATION OF
SUCCESSOR UNIT OPERATOR

ROCKHOUSE Unit Area

County of UINTAH

State of UTAH

Unit Agreement No. (un-numbered)

THIS INDENTURE, dated as of the 14th day of September, 1994 by and between UNITED UTILITIES CORP., hereinafter designated as "First Party," and the owners of unitized working interests, hereinafter designated as "Second Parties,"

WITNESSETH:

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C. Secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, the Secretary of the Interior, on the 14th day of September 1994, approved a Unit Agreement for the ROCKHOUSE Unit Area; wherein UNITED UTILITIES CORP. is designated as Unit Operator, and

^{MCKENZIE PETROLEUM CO. and/or}
WHEREAS said, MCKENZIE PRODUCTION CO. has resigned as such Operator and the designation of a successor Unit Operator is now required pursuant to the terms thereon; and

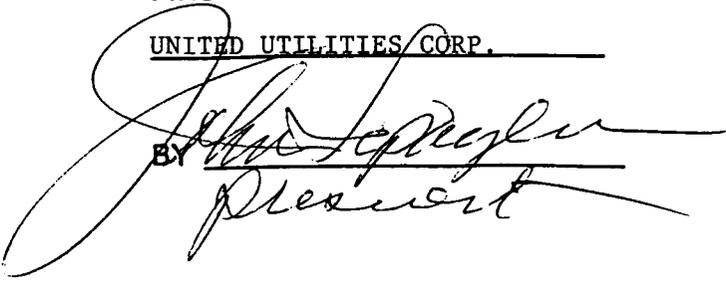
WHEREAS the First Party has been and hereby is designated by Second Parties as Unit Operator, and said First Party desires to assume all the rights, duties and obligations of Unit Operator under the said Unit Agreement:

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the promises hereinafter stated, the First party hereby covenants and agrees to fulfill the duties and assume the obligations of Unit Operator under and pursuant to all the terms of the ROCKHOUSE Unit Agreement, and the Second Parties covenant and agree that, effective upon approval of this indenture by the Chief, Branch of Fluid Minerals, Bureau of Land Management, First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Unit Operator, pursuant to the terms and conditions of said Unit Agreement; said Unit Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Unit Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

FIRST PARTY

UNITED UTILITIES CORP.

BY 
President

SECOND PARTIES

McKENZIE PETROLEUM CO. and/or
McKENZIE PRODUCTION CO.

BY 
Execution Date: September 14, 1994

BY _____
Execution Date: _____

CORPORATE ACKNOWLEDGEMENT

STATE OF TEXAS)
) SS.
COUNTY OF Harris)

The foregoing instrument was acknowledged before me this 14 day of September, 1994, by Michael McKenzie, President, and by _____ Secretary of McKENZIE PETROLEUM CO., and/or McKENZIE PRODUCTION CO., a corporation.

WITNESS my hand and official seal.

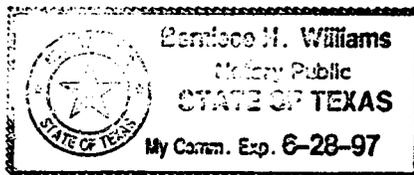
My Commission Expires:

6-28-97

Bernice H. Williams
Notary Public

Place of Residence:

Houston, Harris County, Texas



CORPORATE ACKNOWLEDGEMENT

STATE OF TEXAS)
) SS.
COUNTY OF Harris)

The foregoing instrument was acknowledged before me this 14 day of September, 1994, by John Lapaglia, President, and by _____ Secretary of UNITED UTILITIES CORP., a corporation.

WITNESS my hand and official seal.

My Commission Expires:

4-2-98

Glenna D. Van Overbeke
Notary Public

Place of Residence:

Houston, Harris County, Texas

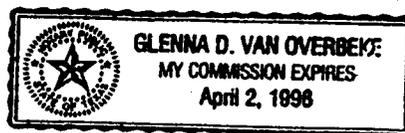


EXHIBIT "A"
Rockhouse Unit
Uintah County, Utah
Lease Numbers and Description

<u>B.L.M. Lease Number</u>	<u>Location</u>
U-0778	T11S, R23E, SLM, SEC 4: ALL. SEC 11: ALL. SEC 12: W/2SW/4.
U-0779	T11S, R23E, SLM, SEC 9: ALL. SEC 10: ALL. SEC 13: LOTS 2-4, SW/4NE/4, W/2SE/4, SW/4, S/2NW/4, NW/4NW/4.
U 0780	T11S, R23E, SLM, SEC 15: E/2E/2, NW/2NE/4, NW/4, NE/4SW/4. SEC 23: NE/4, E/2NW/4, NE/4SW/4, N/2SE/4. SEC 24: N/2.
U 016788	T11S, R23E, SLM, SEC 21: SE/4.



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

September 26, 1994

Dan Corredor
United Utilities Corporation
7670 Woodway, Suite 340
Houston, Texas 77063

Re: McKenzie Production Company to United Utilities Corporation

Dear Mr. Corredor:

In reviewing the operator change for the referenced companies, it was determined that your company is not currently registered with the Utah Department of Commerce. This letter is written to advise you of your responsibility to register your company with the state prior to conducting business within Utah. This can be accomplished by contacting:

Department of Commerce
Division of Corporations
160 East 300 South
Salt Lake City, Utah 84111
(801) 530-4849

Sincerely,

A handwritten signature in cursive script that reads "Lisha Cordova".

Lisha Cordova
Admin. Analyst

cc: Dept. of Commerce
D.T. Staley
R.J. Firth
Operator File(s)
Correspondence File/ldc



Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1-LEC	7-PL
2-LWP	8-SJ
3-DPS	9-FILE
4-VLC	
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.

- 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: 9-14-94)

TO (new operator)	<u>UNITED UTILITIES CORPORATION</u>	FROM (former operator)	<u>MCKENZIE PRODUCTION CO</u>
(address)	<u>7670 WOODWAY STE 340</u>	(address)	<u>7500 SAN FELIPE STE 400</u>
	<u>HOUSTON TX 77063</u>		<u>HOUSTON TX 77063</u>
	<u>JOHN LAPAGUA, PRES.</u>		<u>MICHAEL MCKENZIE, PRES.</u>
	phone (713) <u>782-9093</u>		phone (713) <u>780-9311</u>
	account no. <u>N6360 (9-26-94)</u>		account no. <u>N 0095</u>

***RAINBOW UNIT**
***ROCK HOUSE UNIT**

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

Name: **SEE ATTACHED**	API: <u>047-15810</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- lec 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(rec'd 9-15-94)*
- lec 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(rec'd 9-15-94)*
- lec 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: ____ *(9-26-94 Letter mailed)*
- lec 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.
- lec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(9-26-94)*
- lec 6. Cardex file has been updated for each well listed above. *9-28-94*
- lec 7. Well file labels have been updated for each well listed above. *9-28-94*
- lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(9-26-94)*
- lec 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.

ENTITY REVIEW

- 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- 2. A copy of this form has been placed in the new and former operators' bond files.
- 3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date 19 . If yes, division response was made by letter dated 19 .

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- 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.
- 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

- 1. All attachments to this form have been microfilmed. Date: October 3 1994.

FILING

- 1. Copies of all attachments to this form have been filed in each well file.
- 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

940923 Bfm/SL Aprv. 9-23-94. (Rainbow & Rockhouse Unit)

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

TAMARA SEITER
 UNITED UTILITIES CORP
 7670 WOODWAY STE 340
 HOUSTON TX 77063

UTAH ACCOUNT NUMBER: N6360

REPORT PERIOD (MONTH/YEAR): 12 / 96

AMENDED REPORT (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes			
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)	
THOMAS E. HALL #3			WEBR						
4304715593	00615	05S 22E 23							
THOMAS E. HALL #4			WEBR						
4304715594	00615	05S 22E 23							
THOMAS HALL FEE 1			WEBR						
4304715591	00620	05S 22E 23							
THOMAS HALL FEE 2			WEBR						
4304715592	00620	05S 22E 23							
THOMAS E. HALL 5S			ENRD						
4304715595	00620	05S 22E 23							
RAINBOW UNIT 2A			WSTC						
4304715806	01350	11S 24E 18							
RAINBOW UNIT 4			WSTC						
4304715807	01355	11S 23E 1							
RAINBOW UNIT 1			WSTC						
4304715805	02010	11S 24E 8							
ROCKHOUSE UNIT 3			WSTC						
4304715810	02025	11S 23E 11							
ROCKHOUSE UNIT 4			WSTC						
4304715811	02025	11S 23E 9							
ROCKHOUSE UNIT #5A			WSTC						
4304715812	02025	11S 23E 13							
ROCKHOUSE UNIT #8			WSTC						
4304715815	02025	11S 23E 23							
ROCK HOUSE UNIT #44-14			WSTC						
4304731806	02025	11S 23E 14							
TOTALS									

COMMENTS: * Rainbow Unit "Separate change"
* Rockhouse Unit (prev. eff. 4-16-97. (Relinquished op. to Water Rights - #5A/4304715812 - WSW))

I hereby certify that this report is true and complete to the best of my knowledge.

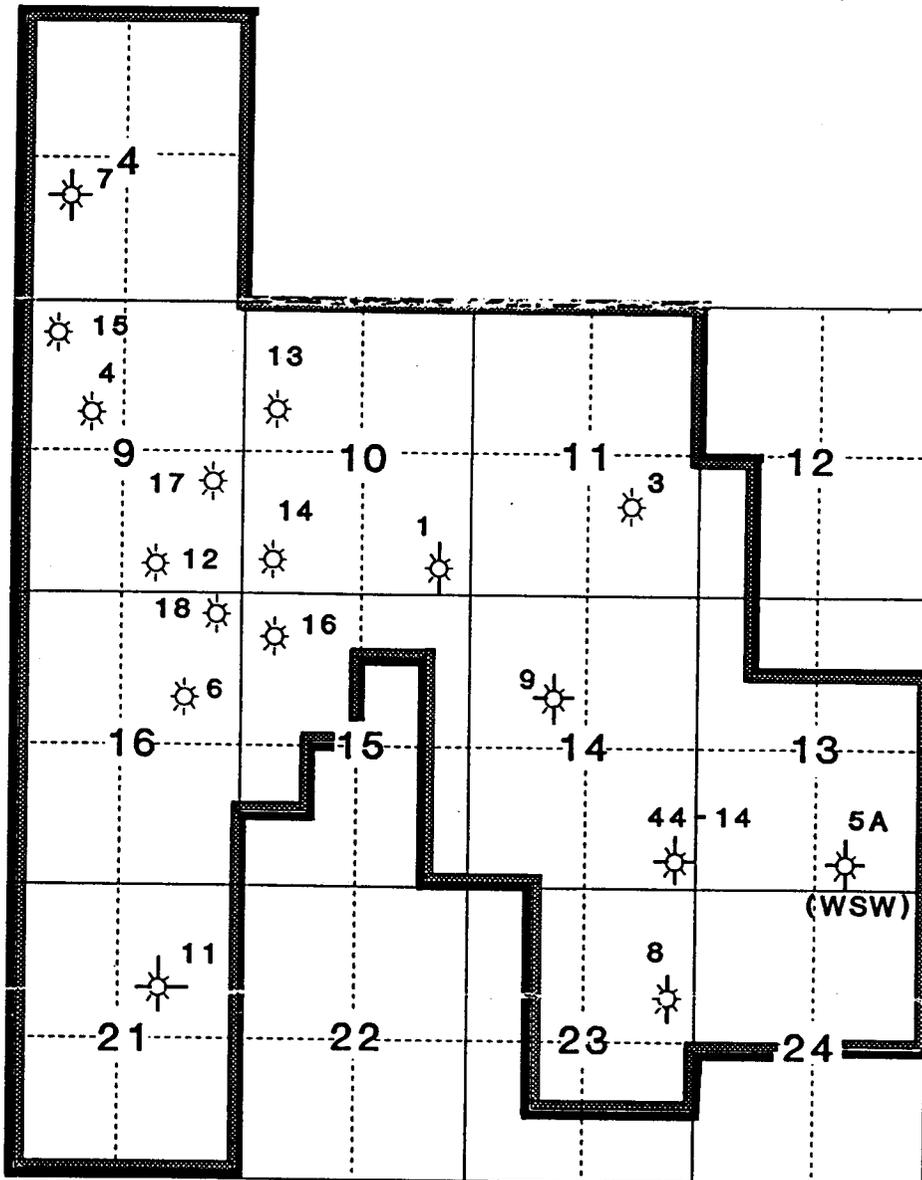
Date: _____

Name and Signature: _____

Telephone Number: _____

ROCK HOUSE UNIT
 Uintah County, Utah
 EFFECTIVE: JANUARY 11, 1961

RECEIVED
 JAN 17 1967
 DIV. OF OIL, GAS & MINING



11S

23E

- UNIT AGREEMENT (UTU63030X)
- WASATCH - MESAVERDE PA

AS CONTRACTED FEBRUARY 2, 1966

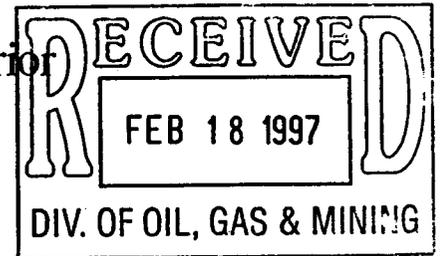
6,230.45 ACRES

WSTC-MSVD PA
 ALLOCATION
 FEDERAL 89.7279%
 STATE 10.2721%
 6,230.45 Acres



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155



COPY

February 12, 1997

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

United Utilities Incorporated
Attn: John Lapaglia
7670 Woodway, Suite 340
Houston, Texas 77063

Re: Rock House Unit
Uintah County, Utah

Gentlemen:

We are in receipt of your notice of intent to resign as Unit Operator of the Rock House Unit, effective March 3, 1997.

Please be advised that the resignation shall not become effective for a period of 6 months after notice of intention to resign has been served by the Unit Operator on all working interest owners and this office (February 10), unless a new unit operator is selected, approved and has taken over and assumed the duties and obligations of unit operator prior to the expiration of the six month period. The resignation of the unit operator shall not release United Utilities Incorporated from any liability for any default by it occurring prior to the effective date of resignation.

Until a successor of unit operator is selected and approved, the working interest owners shall be jointly responsible for performance of the duties of Unit Operator, and shall no later than 30 days before such resignation or removal becomes effective (6 months after working interest notification) appoint a common agent to represent them in any action to be taken under the agreement..

If no successor of unit operator is selected and qualified as provided in Section 6 of the unit agreement, this office may at its election declare the unit agreement terminated.

Please provide all interested parties, copies of this correspondence. If you have any questions, please contact Teresa Thompson (801) 539-4047 or Mickey Coulthard (801) 539-4042.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

bcc: District Manager - Vernal
~~Division Oil, Gas & Mining~~
File - Rock House Unit
Agr. Sec. Chron
Fluid Chron

UT931:TAThompson:tt:02-12-97

UNITED

UTILITIES INCORPORATED

April 8, 1997

State of Utah
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801
ATTN: Lisha Cordova

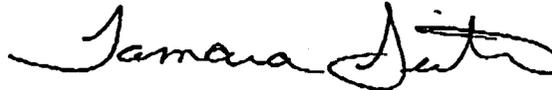
Re: Resignation of Unit Operator (Rainbow, Rockhouse & ~~Upper Rockhouse~~)

Dear Lisha Cordova,

Per our conversation on April 7, 1997 United Utilities Corporation has resigned as Unit Operator effective February 1, 1997 and Rosewood Resources Inc. is now the new Operator effective February 1, 1997. Please find the Monthly Oil and Gas Production Report showing Well Name, API # and Location of the Wells so that you can properly update United Utilities and Rosewoods Accounts.

Thanks in advance and have a great day.

Sincerely,
United Utilities Corporation



Tamara Seiter
Senior Accountant
Revenue & Joint Interest Billing

ts

FAX

To:

Attn:

Jesha Cordova

Time Sent:

3:28 pm

From:

Sammy Lee

Date:

4/8/97

Number of Pages:

4

Fax Number:

(801) 359-3940

(includes this page)

Remarks:

Jesha, I'm fixing you a letter
where United is Resigning as
unit operator effective 2/1/97

Please call with any
questions,

Thanks, Sammy

The information contained in this facsimile message is privileged and confidential information, intended for the use of the individual or entity indicated above. Any dissemination, distribution or copy of this communication is strictly prohibited. If you have received this communication in error, please immediately notify us by telephone and return the original message to us via the U. S. Postal Service. Thank you.

UUC

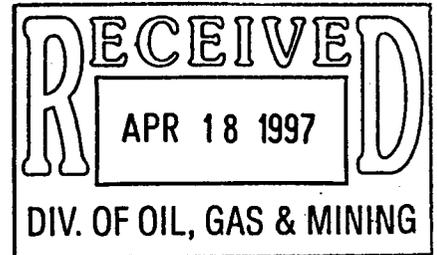
UNITED UTILITIES CORPORATION
7670 Woodway Dr., Suite 340
Houston, Texas 77063
Phone: (713) 782-9093
Fax: (713) 782-9095



COPY

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155



IN REPLY REFER TO
UT-931

April 16, 1997

Rosewood Resources, Inc.
100 Crescent Court, Suite 500
Dallas, Texas 75201

Re: Rock House Unit
Uintah County, Utah

Gentlemen:

On April 10, 1997, we received an indenture dated March 1, 1997, whereby United Utilities Corporation resigned as Unit Operator and Rosewood Resources, Inc. was designated as Successor Unit Operator for the Rock House Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective April 16, 1997.

Your nationwide (Montana) oil and gas bond No. 0627 will be used to cover all operations within the Rock House Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ James A. Fouts

for Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Vernal (w/enclosure)
~~Division of Oil, Gas & Mining~~
Minerals Adjudication Group U-932
File - Rock House Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron
Fluid Chron

U-931:TAThompson:tt:April 16, 1997

WELL STATUS REPORTS
UTAH STATE OFFICE

INSPECTION ITEM	API NO.	WELL NUMBER	QTQT	SEC	TWN	RNG	WELL STATUS	LEASE NAME	OPERATOR
** INSPECTION ITEM 891007314C		ROCK HOUSE WS MV							
✓ 891007314C	430471580900S1	1	SESE	10	11S	23E	TA	UTU0779	UNITED UTILITIES CORPORAT
✓ 891007314C	430473271900S1	12	SWSE	9	11S	23E	PGW	UTU0779	UNITED UTILITIES CORPORAT
✓ 891007314C	430473252200S1	13	SWNW	10	11S	23E	PGW	UTU0779	UNITED UTILITIES CORPORAT
✓ 891007314C	430473252100S1	14	SWSW	10	11S	23E	PGW	UTU0779	UNITED UTILITIES CORPORAT
✓ 891007314C	430473273400S1	15	NWNW	9	11S	23E	PGW	UTU0779	UNITED UTILITIES CORPORAT
891007314C	430473276100X1	16	NWNW	15	11S	23E	ABD	UTU0780	UNITED UTILITIES CORPORAT
✓ 891007314C	430473276000S1	17	NESE	9	11S	23E	PGW	UTU0779	UNITED UTILITIES CORPORAT
✓ 891007314C	430473276200S1	18	NENE	16	11S	23E	PGW	STATE	UNITED UTILITIES CORPORAT
✓ 891007314C	430471581000S1	3	NWSE	11	11S	23E	PGW	UTU0778	UNITED UTILITIES CORPORAT
✓ 891007314C	430471581100S1	4	SENW	9	11S	23E	PGW	UTU0779	UNITED UTILITIES CORPORAT
✓ 891007314C	430473180600S1	44-14	SESE	14	11S	23E	ABD	UTU0779	UNITED UTILITIES CORPORAT
891007314C	430471581200S1	5A	SWSE	13	11S	23E	WSW	UTU0779	UNITED UTILITIES CORPORAT
✓ 891007314C	430471581500S1	8	SENE	23	11S	23E	TA	UTU0780	UNITED UTILITIES CORPORAT
** INSPECTION ITEM 891007314X		ROCK HOUSE X							
✓ 891007314X	430473275300S1	13-A	SWNW	10	11S	23E	POW	UTU0779	UNITED UTILITIES CORPORAT

*And add
rehab Ref.
by BLM*

*Referred Op. to
Water Rights*

OPERATOR CHANGE WORKSHEET

Routing:	
1-VAC	6-FILE
2-GLH	7-KDR KAS
3-DTSOTS	8-SI
4-VLD	9-FILE
5-RIF-GRB	

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

- 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: 2-1-97

TO: (new operator)	<u>ROSEWOOD RESOURCES INC</u>	FROM: (old operator)	<u>UNITED UTILITIES CORP.</u>
(address)	<u>100 CRESCENT COURT #500</u>	(address)	<u>7670 WOODWAY STE 340</u>
	<u>DALLAS TX 75201</u>		<u>HOUSTON TX 77063</u>
			<u>TAMARA SEITER</u>
Phone:	<u>(214)871-5710</u>	Phone:	<u>(713)782-9093</u>
Account no.	<u>N7510</u>	Account no.	<u>N6360</u>

WELL(S) attach additional page if needed: **ROCK HOUSE UNIT**

Name: **SEE ATTACHED**	API: <u>43-047-15810</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- Lec 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(Rec'd 4-8-97)*
- Lec 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(X BLM Aprv. 4-16-97)*
- N/A 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) _____ If yes, show company file number: _____
- Lec 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
- Lec 5. Changes have been entered in the **Oil and Gas Information System (3270)** for each well listed above. *(4-30-97)*
- Lec 6. **Cardex** file has been updated for each well listed above. *(5-5-97)*
- Lec 7. **Well file labels** have been updated for each well listed above. *(5-5-97)*
- Lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(4-30-97)*
- Lec 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.

ENTITY REVIEW

- 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY) *Trust Lands 80,000 Surety # 5836732 "Selico Ins. Co."*

- 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
- 2. A copy of this form has been placed in the new and former operator's bond files.
- 3. The FORMER operator has requested a release of liability from their bond (yes/no) no, as of today's date 4-22-97. If yes, division response was made to this request by letter dated _____.

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- 1. Copies of documents have been sent on 5/9/97 to Ed Bonner at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated _____ 19 __, of their responsibility to notify all interest owners of this change.

FILMING

- 1. All attachments to this form have been microfilmed. Today's date: June 6, 1997

FILING

- 1. Copies of all attachments to this form have been filed in each well file.
- 2. The original of this form, and the original attachments are now being filed in the Operator Change file.

COMMENTS

970418 Bbm/SL Aprv. 4-16-97 et. same.

**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 reenter a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.
UTU-63030C

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA, Agreement Designation
ROCK HOUSE UNIT

8. Well Name and No.
ROCK HOUSE UNIT #3

9. API Well No.
43-047-15810

10. Field and Pool, or Exploratory Area

11. County or Parish, State
UINTAH CO., UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator
ROSEWOOD RESOURCES, INC.

3. Address and Telephone No.
P.O. Box 1668, Vernal, UT 435-789-0414

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
NW/SE Section 11, T11S, R23E

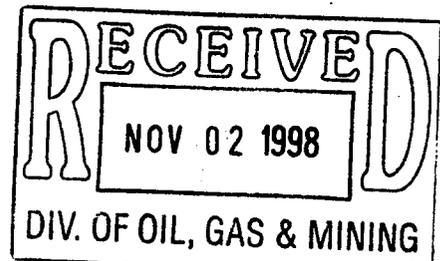
12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent <input type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input type="checkbox"/> Other _____ <input checked="" type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input checked="" type="checkbox"/> 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.)*

Produced water will be tanked on location and then trucked to the state approved TU & FRUM Disposal Facility located in Section 12, T5S, R19E, Uintah County. Produced water will be reported on the Monthly MMS-3160 form.



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

Signed *Lucy Nemer* Title Administrative Assistant Date 10/28/98

(This space for Federal or State office use)

Approved by *Lucy Nemer* Title Administrative Assistant Date 10/28/98
Conditions of approval, if any: Accepted by the Utah Division of Oil, Gas and Mining Federal Approval of this Action is Necessary

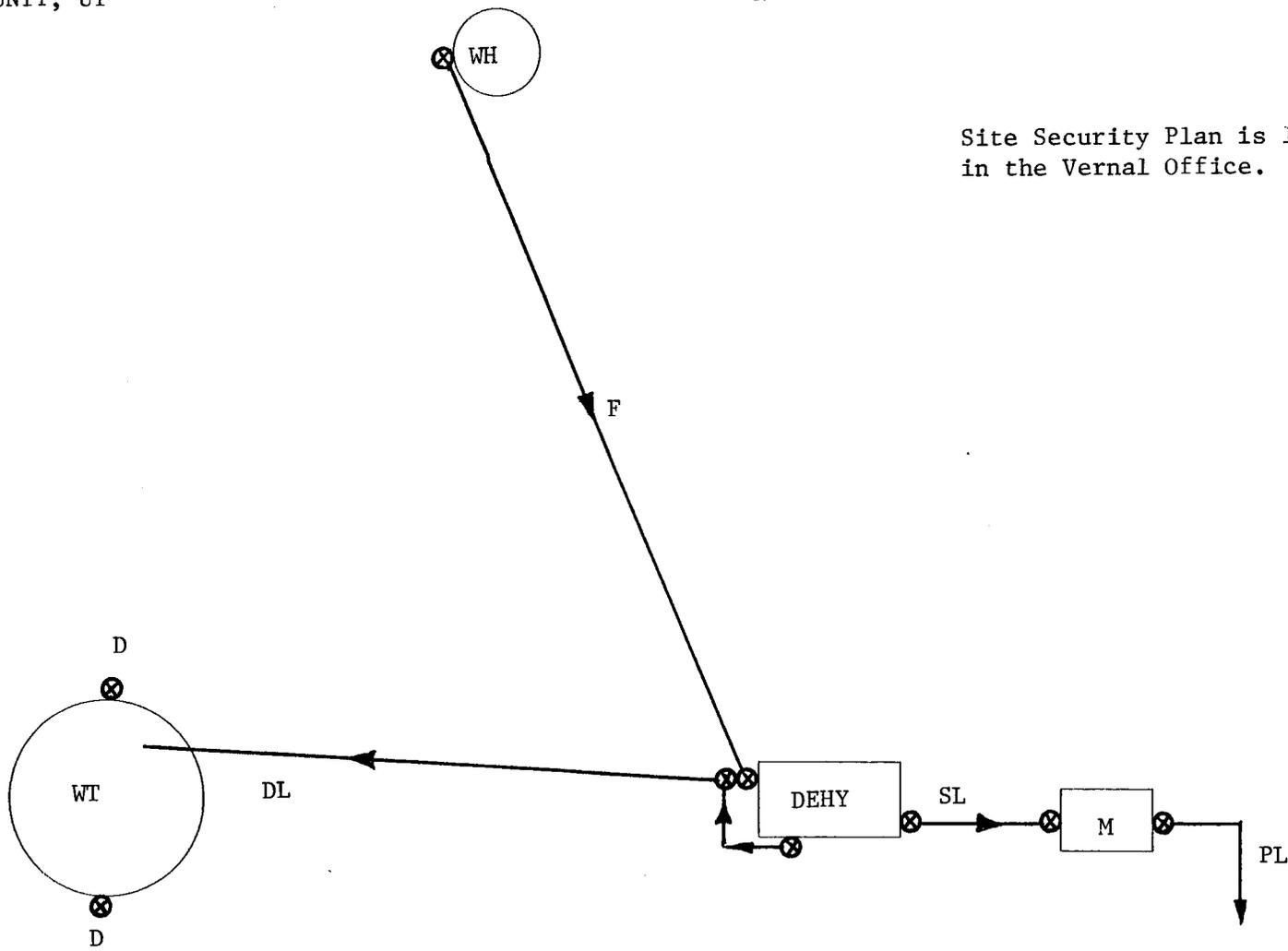
FOR RECORD ONLY

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 Instructions on Reverse Side

ROSEWOOD RESOURCES, INC.
VERNAL, UTAH

43.047.15810
ROCK HOUSE UNIT FEDERAL #3
ROCK HOUSE UNIT
AGREEMENT # UTU 63030C
NW/SE SEC. 11 T11S R23E
UINTAH COUNTY, UT



Site Security Plan is located
in the Vernal Office.

LEGEND

F	FLOWLINE
DL	DUMP\BLOWDOWN LINE
CL	CONDENSATE LINE
SL	SALES LINE
PL	WILDHORSE PIPELINE
WH	WELLHEAD
SEP	SEPARATER
ST	STORAGE TANK
WT	WATER TANK
⊗	VALVE
A ⊗	SEALED CL VALVE
B ⊗	SEALED SALES VALVE
D ⊗	SEALED DRAIN VALVE
M	GAS METER
PU	PUMPING UNIT
DEHY	GAS DEHYDRATER
COMP	GAS COMPRESSOR
C ⊗	EQUALIZER LINE

ATTACHMENT TO PRECEDING SITE FACILITY DIAGRAMS

General sealing of valves - sales are by tank gauging.

Production Phase: All drain valves (D) and sales valves (B) are sealed closed. The fill valve (A) and equalizer valve (C) are open and unsealed on the producing tank. The equalizer valve (C) on another tank is open and unsealed to allow production to flow to a spare tank in the event of an upset.

Sales Phase: The tank from which sales are being made will be isolated by sealing close the fill line (A), equalizer line (C), and drain valve (D) prior to shipping. After these valves are sealed closed, the top gauge will be taken. The sales valve (B) on the isolated sales tank will be broken and opened for sales. After sales, the sales valve (B) is sealed closed and the closing gauge is taken. The fill valve (A) and equalizer valve (C) seals are broken and the valves opened, when production is turned back into this tank.

Draining Phase: The tank being drained will be isolated by sealing closed the sales valve (B) and the other drain valves (D) on the other tanks. The top gauge will be taken prior to opening the drain valve (D). The water is drained off and the drain valve (D) is sealed closed and the top gauge is retaken.

<u>Sealed Valves</u>	<u>Producing</u>	<u>Shipping</u>	<u>Draining</u>
A-Fill Valve	open	closed	open
B-Shipping Valve	closed	open	closed
C-Equalizer Valve	open	closed	open
D-Drain Valve	closed	closed	open
E-Hot-oil Valve	closed	closed	closed