

FILE NOTATIONS

Entered in NID File

Checked by Chief

*R. L. S.*

Entered On S R Sheet

Copy NID to Field Office

\_\_\_\_\_

Location Map Pinned

Approval Letter

\_\_\_\_\_

Card Indexed

Disapproval Letter

\_\_\_\_\_

IWR for State or Fee Land

COMPLETION DATA:

Date Well Completed *4-5-62*

Location Inspected

\_\_\_\_\_

OW \_\_\_\_\_ WW \_\_\_\_\_ TA \_\_\_\_\_

Bond released

\_\_\_\_\_

GW  OS \_\_\_\_\_ PA \_\_\_\_\_

State of Fee Land

\_\_\_\_\_

*with some oil produced*

LOGS FILED

Driller's Log *4-23-62*

Electric Logs (No. ) *3*

E \_\_\_\_\_ I \_\_\_\_\_ E-I  GR \_\_\_\_\_ GR-N \_\_\_\_\_ Micro \_\_\_\_\_

Lat.  Mi-L \_\_\_\_\_ Sonic  Others \_\_\_\_\_

of my July 1962. This will be connected to  
a page in the file.



THE SHAMROCK OIL AND GAS CORPORATION  
FIRST NATIONAL BANK BUILDING  
BOX 631 - AMARILLO, TEXAS

Salt Lake City, Utah  
January 24, 1962

Reply to:  
Intermountain Exploration District  
First Security Bldg. Room 870  
Salt Lake City 11, Utah

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

Attention: Mr. C. B. Feight

Gentlemen:

The Shamrock Oil and Gas Corporation wishes to apply for an extension of Rule C-3a regarding the spacing of the location of the Rainbow Unit No. 4 well. The proposed location is 1,628 feet north of the south line and 1,868 feet west of the east line of Section 1, Township 11 South, Range 23 East, S.L.M., Uintah County, Utah.

Due to the topography characteristic of this area, selection of drill sites is restricted to the drainage of the area. In order to comply with Rule C-3a, it would be necessary to locate the drill site in a dry stream bed or on top of the sheer cliffs. This would require a considerable amount of road work, and if placed in the dry stream bed, could be damaged by flash floods that are common in this area. Shamrock holds leases on all lands within one half mile surrounding the drill site with the exception of patented gilsonite mining claims.

We respectfully request that we be permitted to drill the subject test in the aforementioned unorthodox location under Rule C-3c.

Sincerely,

*Leonard S. Fowler*  
Leonard S. Fowler  
Geologist

LSF:ls

cc: Don Russell, U.S.G.S.

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(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Utah  
Lease No. U-017664-A  
Unit Rainbow

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 24, 19 62

Well No. 4 is located 1628 ft. from NS line and 1868 ft. from EW line of sec. 1  
NW SE 1 11 S 23 E S.L.M.  
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Rainbow Uintah Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5447 ft. GR.  
~~5675~~

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 514  
 Wasatch 3024  
 Mesaverde 4934  
 Est. T. D. 6334

Casing Program:  
 13-3/8" 48# csg 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 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.

Company The Shamrock Oil and Gas Corporation

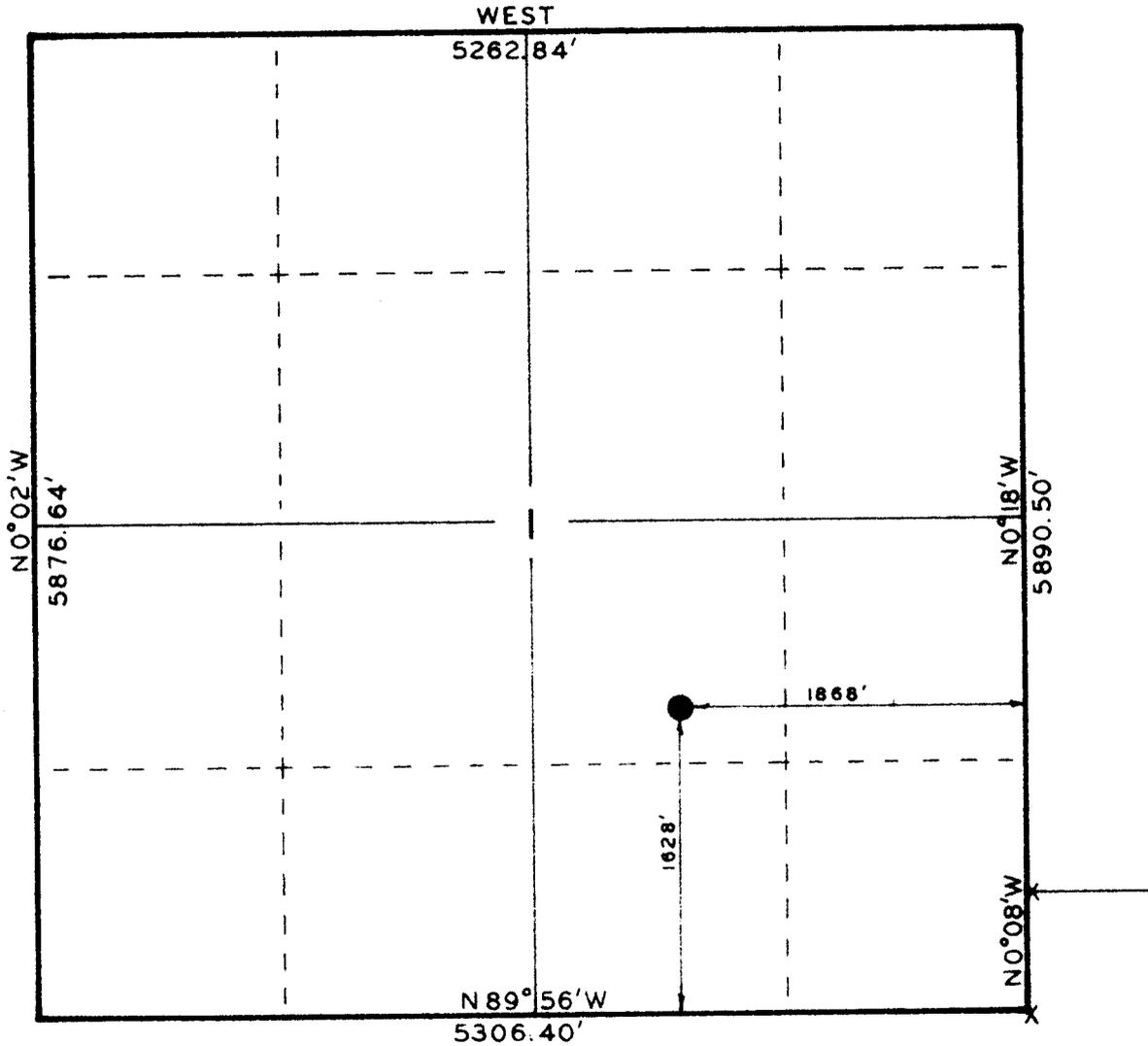
Address 870 First Security Building

Salt Lake City 11, Utah

By Leonard S. Fowler

Title Geologist

# TIIS, R23E, SLB & M



X = Corners Located

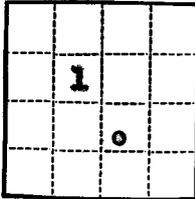
Scale: 1" = 1000'

Elev. ~~5673.98~~ 6L  
5447

*D. J. Ross*

By: ROSS CONSTRUCTION CO  
Vernal, Utah

<p>PARTY Gene Stewart Larry Lee J.R. Adams WEATHER Clear-Cald</p>	<p><b>SURVEY</b> SHAMROCK OIL &amp; GAS CO. WELL LOC. RAINBOW UNIT NO. 4, LOCATED AS SHOWN IN THE NW 1/4, SE 1/4, SEC. 1, TIIS, R 23E, SLB &amp; M. UINTAH COUNTY, UTAH.</p>	<p>DATE 12/13/61 REFERENCES GLO Township Plat Approved 9/29/23 FILE SHAMROCK</p>
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(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Utah  
Lease No. B-017664-4  
Unit Rainbow

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		<del>Subsequent Report of Running</del> <u>Surface Casing</u>	<u>X</u>

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

January 31, 1962

Well No. #4 <sup>*Rainbow Unit*</sup> is located 1628 ft. from SW line and 1868 ft. from EW line of sec. 1

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

The elevation of the derrick floor above sea level is 5447 ft. <sup>*5447*</sup> ~~5473~~ <sup>*Gr.*</sup>

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)

Run 214 feet of 13-3/8" OD 40# casing. Set casing at 214 feet.  
Cemented with 300 sacks regular cement. Cement circulated.

Spudded 1-28-62

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

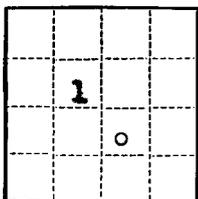
Company The Shamrock Oil and Gas Corporation

Address 870 First Security Building

Salt Lake City 11, Utah

By Leonard S. Fowler

Title Geologist



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Utah  
Lease No. U-017664-A  
Unit Rainbow

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			
<b>Notice of Intention to run Intermediate Casing</b>			

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

February 12, 19 62

Well No. 4 is located 1623 ft. from N line and 1868 ft. from E line of sec. 1

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

The elevation of the derrick floor above sea level is 5447 ft. Gr.

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 set 9-5/8" casing to approximately 2200 feet to shut off water flow. To cement casing with 200 sacks of regular cement.

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 and Gas Corporation

Address 870 First Security Building

Salt Lake City 11, Utah

By Ralph Thomas

Title District Geologist



**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

# LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Wasatch Field Wildcat  
 The following is a correct report of operations and production (including drilling and producing wells) for the month of February, 1962,  
 Agent's address 870 First Security Building Company The Shamrock Oil and Gas Corp.  
Salt Lake City 11, Utah Signed Ralph D. Thomas  
DA 8-0165 Agent's title District Geologist  
 Phone \_\_\_\_\_

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. 8 NE NE SW	11S	24E	1	28	(Lease No. U-017403) 100,000 OFPD (Fuel used in drilling Rainbow Unit #4)					(2,800 MCF)
Sec. 18 NE SW	11S	24E	2		(Lease No. U-0529) Junked and abandoned 11-12-61					
Sec. 18 NE SW	11S	24E	2-A		(Lease No. U-0529) Squeezed to 4500# w/90 sx Permix in formation. Reversed out 10 sx cement. Tested squeeze job. Ran pkr and set @ 4895. Squeezed to 4000# w/92 sx in formation. Reversed out 8 sx, washed cement out to 5165. Ran pkr and set at 5208. Perf 5218-42. Treated w/500 gal mud acid, 10,000 gal 3% gelled acid, 4300# 20-40 mesh sd & 300# walnut shells. Formation broke at 3200#. Treating pressure 4300#, injection rate 12 bbls per min. Flowed and swabbed. Set east iron bridging plug at 5150. Perf 5124-38 w/2 per ft. Sandfraced w/500 gal 15% mud acid, followed by 10,000 gal 3% gelled acid containing 5200# sd. Formation broke at 3500#, treating pressure 4200#, inj rate 12 bbls per min. Set pkr at 4420. Perf 2982-94 w/4 per ft. Ran long string tbg and set at 5228'. Parallel string anchor is at 2964'. Ran short string tbg and set at 2964. Treated down annulus w/500 gal 15% mud acid, 15,000 gal 3% gelled acid, 4700# sd and 200# walnut shells. TP 2300#, inj rate 34 bbls per min. Gas gg 2093 MCF. Flowing tubing pressure 100#, flowing casing pressure 500#. Flowed well. COMPLETION REPORT: Wasatch - Open flow potential 2,093 MCF/GPD, SICP 1425#. Completion date 2-8-62. Mesaverde - Open flow potential 300 MCF/GPD, SITP 1725#. Completion date 2-8-62 Shut in - waiting on pipeline connection.					

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

None. Report on \_\_\_\_\_ (Write "no" where applicable.)  
 duplicates \_\_\_\_\_  
 U. S. GOVERNMENT PRINTING OFFICE

Sec. 7 11S 24E 3  
NE SW

(Lease No. SL-070535-E)  
Completed as dry and abandoned 1-17-62

Sec. 1 11S 23E 4  
NW SE

*Handwritten:* ~~Abandoned~~

(Lease No. U-017664-A)  
Ran 9-5/8" casing and set at 2220'. Cemented w/200 sx  
regular cement w/2% calcium chloride.

DST #1: 3819-40, hit bridge 5 stands off bottom.

DST #1-A: 3819-40. Tool shut in 30 min., open 75 min.,  
shut in 30 min. GTS immed. 15 min. gas gg 1639 MCF,  
30 min. gg 1806 MCF, 60 min. gg 1973 MCF and 75 min. gg  
1973 MCF. Rec 100' HOCM. FP 154-322, SIP 1747-1695,  
HHP 1985-1957.

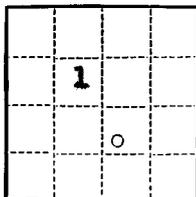
DST #2: 3844-53. Tool shut in 30 min., open 60 min.,  
shut in 30 min. GTS 1 hr 15 min. 1 1/2 hrs. gg 7 MCF, 2 hrs  
gg 11 MCF. Rec 15' OCM. FP 6-12, SIP 384-1664, HHP 1957-1941.

DST #3: 4593-4610. Tool shut in 30 min., open 60 min.,  
shut in 30 min. GTS 3 min. 15 min. gg 34 MCF, 30 min. gg  
50 MCF, 45 min. gg 53 MCF, 60 min. gg 53 MCF. Rec 530' fluid -  
220' distillate and 310' HG & dist CM. FP 30-120, SIP 2159-2019,  
HHP 2360-2330.

DST #4: 5550-62, Tool shut in 30 min., open 60 min., shut in  
30 min. Had weak blo thruout test. NGTS. Rec 10' mud.  
FP 0-0, SIP 672-201, HHP 3018-3018.

DST #5: 5895-5925, Tool shut in 30 min., open 90 min., shut  
in 30 min. GTS 18 min., too small to measure. Rec 40' OCM.  
FP 53-56, SIP 604-471, HHP 3212-3170.

Resumed drilling.



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Utah  
Lease No. U-017664-A  
Unit Rainbow

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

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

March 8, 19 62

Well No. 4 is located 1628 ft. from N line and 1868 ft. from W line of sec. 1  
N  
S  
W

NW SE 1 11 S 23 E S.L.M.  
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Rainbow Uintah Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5447 ft. Gr.

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 set 7" casing to approximately 4700 feet to test productive zones. To cement casing with 400 sacks of regular cement.  
Rotary total depth 6190.

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 and Gas Corporation

Address 870 First Security Building

Salt Lake City 11, Utah

By Ralph Thomas

Title District Geologist

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(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Utah  
Lease No. U-017664-A  
Unit Rainbow

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 Running Casing X</u>

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

March 9, 1962

Well No. 4 is located 1628 ft. from IN } line and 1868 ft. from W } line of sec. 1

NW SE 1      11 S      23 E      S.L.M.  
(¼ Sec. and Sec. No.)      (Twp.)      (Range)      (Meridian)

Rainbow      Uintah      Utah  
(Field)      (County or Subdivision)      (State or Territory)

The elevation of the derrick floor above sea level is 5447 ft. Gr.

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 736.58 feet 23# J-55 7" casing and 4,006.45 feet 20# J-55 7" casing for a total of 4,743.03 feet. Set casing at 4,740 feet. Cemented with 400 sacks of regular cement.

Rotary Total Depth 6190.

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

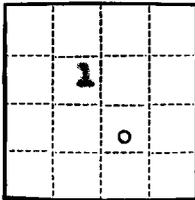
Company The Shamrock Oil and Gas Corporation

Address 670 First Security Building

Salt Lake City 11, Utah

By Ralph Shuman

Title District Geologist



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Utah  
Lease No. U-017664-A  
Unit Rainbow

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.....	
<b>Notice of intention to perforate and test</b>	

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

March 15, 19 62

Well No. 4 is located 1628 ft. from N line and 1860 ft. from E line of sec. 1  
S W

N 36 1 11 9 23 E S.L.M.  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Rainbow Utah Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5447 ft. Gr.

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 dually complete as an oil and gas well from the Wasatch formation.

Plan to perforate and free indicated oil zone from 4596-4608. Will set Baker wire line Model D production packer at 4400 and perforate and free indicated gas zone from 3828-42 and 3852-56. Long string of 2-3/8" tubing to be set at 4561'. Short string of 2-3/8" tubing to be set at approximately 3775'.  
KID 6190. ~~2~~ casing set at 4740'.

(O.D. on Tubing)  
RLL

7" RLL

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 and Gas Corporation

Address 870 First Security Building  
Salt Lake City 11, Utah

By Ralph Thomas  
Title District Geologist

**DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

LESSOR'S NAME \_\_\_\_\_  
 LESSOR'S ADDRESS \_\_\_\_\_  
 CITY \_\_\_\_\_

## LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Wasatch Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of March, 19 62

Agent's address 670 First Security Building Company The Shreveport Oil and Gas Corp.  
Salt Lake City 11, Utah Signed Rafael Salazar

Phone BA 8-0165 Agent's title District 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 results of test for possible content of gas)
Sec. 8 NE NE SW	11S	24E	1	4	(Lease No. U-017403) 100,000 CUPD (Fuel used in drilling Rainbow Unit #4)					400 MW
Sec. 18 NE SW	11S	24E	2		(Lease No. U-0129) Junked and abandoned 11-12-61					
Sec. 18 NE SW	11S	24E	2-A		(Lease No. U-0129) Well shut in (waiting pipeline outlet)					
Sec. 7 NE SW	11S	24E	3		(Lease No. SL-070535-E) Completed as dry and abandoned 1-17-62					
Sec. 1 NW SE	11S	23E	4		(Lease No. U-017664-A) Drilled to 6190'. Ran logs. Set 7" casing at 4740 w/100 ex regular cement. Ran correlation log and hand log by McCullough. Top of cement 3440'. Set Baker Model D packer at 4400'. Ran 2-3/8" tubing and set at 4561'. Perforated with 4 per foot from 4596 to 4608. Treated perfor with 5,000 gal 15% mud acid, flushed with 20 bbls water. Breakdown pressure 3700#, treating pressure 2000#, injection rate 2 bbls per minute. Treated w/15,000 gal 3% acid, 6500# oil, 300# walnut shells. Treating pressure 3700#, inj rate 6 bbls per minute. Scrubbed and flowed. Set plug in Otis "S" nipple. Perf Wasatch w/2 per ft from 3830-3844. Ran long string 2-3/8" tubing. Set at 4560. Ran short string 2-3/8" tubing and set in parallel string anchor at 3816'. Installed National tree. Sandfraced with 500 gal 15% mud acid as spearhead and 15,000 gal 3% gelled acid containing 8,000# 20-40 sand and 200# walnut hulls. Displaced with 110 bbls water. Treating pressure 2300-2600#, injection rate 36 bbls per minute. Opened well thru 1" adjustable choke.					

None.—There were None runs or sales of oil; None M ou. ft. of gas sold;

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

None.—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  
Rainbow Unit

Sec. 1 118 23E 4  
NW 22

(Lease No. U-017664-A) continued  
Gas gauged 7,506 MCF with 325# TP, and 1275# GP.  
Flowed oil zone. Well flowed 42.31 bbls oil and 14.09 bbls  
water thru 1" adj ck w/30# on tubing in 24 hour period. Gas  
volume measured 202 MCFPD.  
Wasatch gas zone - shut in.  
Wasatch oil zone - shut in. Constructing tank battery.



FOLD MARK

13-3/8	215	300 regular			
9-5/8	2220	200 regular			
7"	4740	400 regular			

**PLUGS AND ADAPTERS**

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_  
 Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

**SHOOTING RECORD**

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

**TOOLS USED**

Rotary tools were used from 0 feet to 6190 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

**DATES**

\_\_\_\_\_, 19\_\_\_\_ Put to producing \_\_\_\_\_, 19\_\_\_\_  
 The production for the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_% was oil; \_\_\_\_\_%  
 emulsion; \_\_\_\_\_% water; and \_\_\_\_\_% sediment. Gravity, °Bé. \_\_\_\_\_  
 If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
 Rock pressure, lbs. per sq. in. \_\_\_\_\_

**EMPLOYEES**

\_\_\_\_\_, Driller \_\_\_\_\_, Driller  
 \_\_\_\_\_, Driller \_\_\_\_\_, Driller

**FORMATION RECORD**

FROM—	TO—	TOTAL FEET	FORMATION
0	250	250	Sd & sh
250	1850	1600	Oil Sh
1850	2400	550	Sd & Sh
2400	2600	200	Sh
2600	2950	350	Sd & Sh
2950	3410	460	Sh
3410	3480	70	Sd
3480	3720	240	Sh
3720	3870	150	Sd
3870	4440	570	sh & sd
4440	4460	20	Sd
4460	4590	130	Sh
4590	4610	20	Sd
4610	6190	1580	Sd & Sh

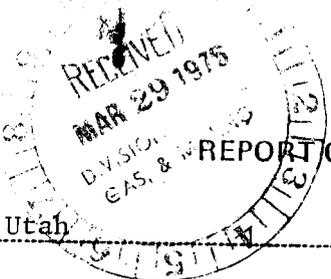
TOPS  
 Wasatch 2980  
 Mesaverde 4882



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

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

Lease No. \_\_\_\_\_  
 Oil Lease No. \_\_\_\_\_  
 Indian Lease No. \_\_\_\_\_  
 Fee & Pat. \_\_\_\_\_



REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Uintah FIELD/LEASE Rainbow

The following is a correct report of operations and production (including drilling and producing wells) for the month of:  
February, 19 76

Agent's Address P.O. Box 631  
Amarillo, Texas 79173

Company Diamond Shamrock Corporation  
 Signed Jack W. ...  
 Title Office Administrator

Phone No. 806/376-4451

Ac. am. 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)
UTAH WASATCH PARTICIPATING AREA "A"										
18	11S	24E	2	-0-	-0-		-0-		-0-	Presently conducting a compression feasibility study
UTAH WASATCH PARTICIPATING AREA "B"										
1	11S	24E	4	-0-	-0-		-0-		-0-	Producing upper zone
UTAH MESA VERDE PARTICIPATING AREA										
8	11S	24E	1	-0-	-0-		-0-		-0-	Presently conducting a compression feasibility study
UTAH WASATCH PARTICIPATING AREA										
8	11S	24E	1	-0-	-0-		-0-		-0-	Presently conducting a compression feasibility study
WATER DISPOSITION (Bbls.)										
Pit										
Injected										
Unavoidably Lost										
Reason										
Other										

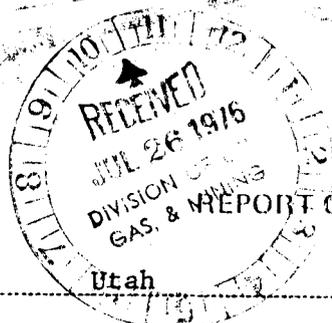
GAS: (MCF)  
 Sold \_\_\_\_\_  
 Flared/Vented \_\_\_\_\_  
 Used On/Off Lease \_\_\_\_\_

OIL or CONDENSATE: (To be reported in Barrels)  
 On hand at beginning of month 125.89  
 Produced during month -0-  
 Sold during month -0-  
 Unavoidably lost \_\_\_\_\_  
 Reason: \_\_\_\_\_  
 On hand at end of month 125.89

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL & GAS CONSERVATION

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

Lease No. \_\_\_\_\_  
Federal Lease No. \_\_\_\_\_  
Indian Lease No. \_\_\_\_\_  
Fee & Pat. \_\_\_\_\_



REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Uintah FIELD/LEASE Rainbow

The following is a correct report of operations and production (including drilling and producing wells) for the month of: June 1976

Agent's Address P.O. Box 631  
Amarillo, Texas 79173  
Phone No. (806) 376-4451

Company Diamond Shamrock Corporation  
Signed Charles Green  
Title Clerk

Well No.	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
<b>UTAH WASATCH PARTICIPATING AREA "A"</b>										
18	11S	24E	2	-0-	-0-		-0-		-0-	Presently Conducting a Compression Feasibility Study
<b>UTAH WASATCH PARTICIPATING AREA "B"</b>										
1	11S	24E	4	-0-	-0-		-0-		-0-	Producer upper zone
<b>UTAH MESA VERDE PARTICIPATING AREA</b>										
8	11S	24E	1	-0-	-0-		-0-		-0-	Presently conducting a compression Feasibility study
<b>UTAH WASATCH PARTICIPATING AREA</b>										
8	11S	24E	1	-0-	-0-		-0-		-0-	Presently conducting a compression Feasibility study
Water Disposition (Bbls.) Pit Injected Unavoidably Lost Reason Other										

GAS: (MCF)

Sold \_\_\_\_\_  
Flared/Vented \_\_\_\_\_  
Used On/Off Lease \_\_\_\_\_

OIL or CONDENSATE: (To be reported in Barrels)

On hand at beginning of month 125.89  
Produced during month -0-  
Sold during month -0-  
Unavoidably lost \_\_\_\_\_  
Reason: \_\_\_\_\_  
On hand at end of month 125.89

Maxus Energy Corporation  
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



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	Producing Zone	Days Oper	Production Volume		
			Oil (BBL)	Gas (MSCF)	Water (BBL)
X PARIETTE BENCH #9 4304730063 01320 09S 19E 18	GRRV	-0-	-0-	-0-	-0-
X PARIETTE BENCH 12-8 4304731114 01325 09S 19E 8	GRRV	-0-	-0-	-0-	-0-
X PAR. BNCH FED 22-18 4304731125 01330 09S 19E 18	GRRV	-0-	-0-	-0-	-0-
X PARIETTE BENCH 14-5 4304731123 01335 09S 19E 5	GRRV	30	374	591	15
X PARIETTE BENCH 32-17 4304731237 01340 09S 19E 17	GRRV	-0-	-0-	-0-	-0-
X PARIETTE BNCH UNIT 2 4304715680 01345 09S 19E 7	GRRV	26	422	277	-0-
X PARIETTE BENCH FED #41-7 4304731584 01346 09S 19E 7	GRRV	30	412	450	10
X RAINBOW UNIT 2A 4304715806 01350 11S 24E 18	MVRD	-0-	-0-	-0-	-0-
X RAINBOW UNIT 2A 4304715806 01350 11S 24E 18	WSTC	-0-	-0-	-0-	-0-
X RAINBOW UNIT #4 4304715807 01355 11S 23E 1	WSTC	-0-	-0-	-0-	-0-
X RAINBOW UNIT #1 4304715805 02010 11S 24E 8	MVRD	-0-	-0-	-0-	-0-
X RAINBOW UNIT #1 4304715805 02010 11S 24E 8	WSTC	-0-	-0-	-0-	-0-
X ROCKHOUSE UNIT #1 4304715809 02025 11S 23E 10	MVRD	-0-	-0-	-0-	-0-
<b>TOTAL</b>			1208	1318	25

Comments (attach separate sheet if necessary) \_\_\_\_\_

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

Pot Cote  
Authorized signature

Telephone (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: [Signature]

DATE: 6-7-87

(November 1983)  
(Formerly 9-331)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OTHER INSTRUCTIONS  
(Other instructions  
verse side)

Expires August 31, 1983

5. LEASE DESIGNATION AND SERIAL NO.

U-017664-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

RAINBOW UNIT

8. FARM OR LEASE NAME

9. WELL NO.

#4

10. FIELD AND POOL, OR WILDCAT

WASATCH

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

SEC. 1, T11S, R23E

12. COUNTY OR PARISH 13. STATE  
UTAH UTAH

**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  GAS WELL  OTHER

2. NAME OF OPERATOR  
MAXUS EXPLORATION COMPANY

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)  
At surface  
1628' FSL & 1868' FEL

14. PERMIT NO.  
43-047-15807

15. ELEVATIONS (Show whether DF, ST, OR, etc.)  
5567' GL

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) Request to shut-in well

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 requests permission to shut-in the Rainbow Unit #4. As with the other Rainbow Unit wells, declining reservoir pressure has allowed a hydrostatic column, which cannot currently be overcome. This, coupled with high pipeline pressures, creates an uneconomically productive well. Should the economics change in the future, the BLM will be notified when production commences.

No plug has been set in this well.

**RECEIVED**  
MAY 27 1988

DIVISION OF  
OIL, GAS & MINING

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

SIGNED *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

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.

(November 1981)  
(Formerly O-311)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions on re-  
verse side)

Project Number No. 1001-0115  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.  
**SEE ATTACHMENT**

**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.)

**APPROVED**  
JUL 22 1988

1. OIL WELL  GAS WELL  OTHER

7. UNIT AGREEMENT NAME  
**RAINBOW UNIT**

2. NAME OF OPERATOR  
**MAXUS EXPLORATION COMPANY**

8. FARM OR LEASE NAME

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**

**SEE ATTACHMENT**

11. SEC., T., R., E., OR S.E. AND SURVEY OR AREA

**SEE ATTACHMENT**

14. PERMIT NO.  
**SEE ATTACHMENT**

15. ELEVATIONS (Show whether OP, RT, CR, 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	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETION	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)			

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)			

**REQUEST SOP OF UNIT**

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

17. DESCRIBE PROPOSED OR COMPLETED 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 zones pertinent to this work.)

MAXUS EXPLORATION COMPANY request permission to suspend production of the referenced wells. Current gas prices have caused these wells to become uneconomical to produce, but premature abandonment of the Rainbow Unit #1, 2A & 4 wells would cause a loss of potential recoverable reserves from this unit. Therefore, the suspension of production request.

**COPY**

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

SIGNED: Sam Andrews

TITLE: Production Engineer

DATE: 7-20-88

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

ACCEPTED BY THE STATE  
OF UTAH  
DIVISION OF OIL, GAS, AND MINING

**Federal approval of this action is required before commencing operations.**

\*See Instructions on Reverse Side

DATE: 7-27-88

BY: John R. Bay

NAME AND NUMBER	LEASE # & FORMATION	LOCATION	ELEVATION	PERMIT #
RAINBOW UNIT # 1	U-017403 WASATCH	2310' FSL&2410FWL SEC. 8, T11S, R24E	5258 GR	43-047-15805
RAINBOW UNIT #2A	U-017664 MESA VERDE	2238' FSLT2000' FWL SEC. 19, T11S, R24E	5447GR	43-047-15806
RAINBOW UNIT #4	U-017664-A Wasatch	1628' FSL&1868' FEL SEC. 1, T11S, R23E	5567' GR	43-047-15807

**COPY**

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	
P0294	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	
P0629	MICH-WISC PIPELINE C	WEBER COAL COMPANY 13-3	N020	E050	3	NWSW	PA	4304330024	
P0547	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
P0584	MILLER & TAYLOR	FEE #3	S410	W120	23	NWNE	PA	4305310730	
P0116	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	
P0295	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	
P0020	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
P0601	MONTGOMERY & JEFFRIE	FEE #1	S430	W120	0		PA	4305320518	
P0400	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	

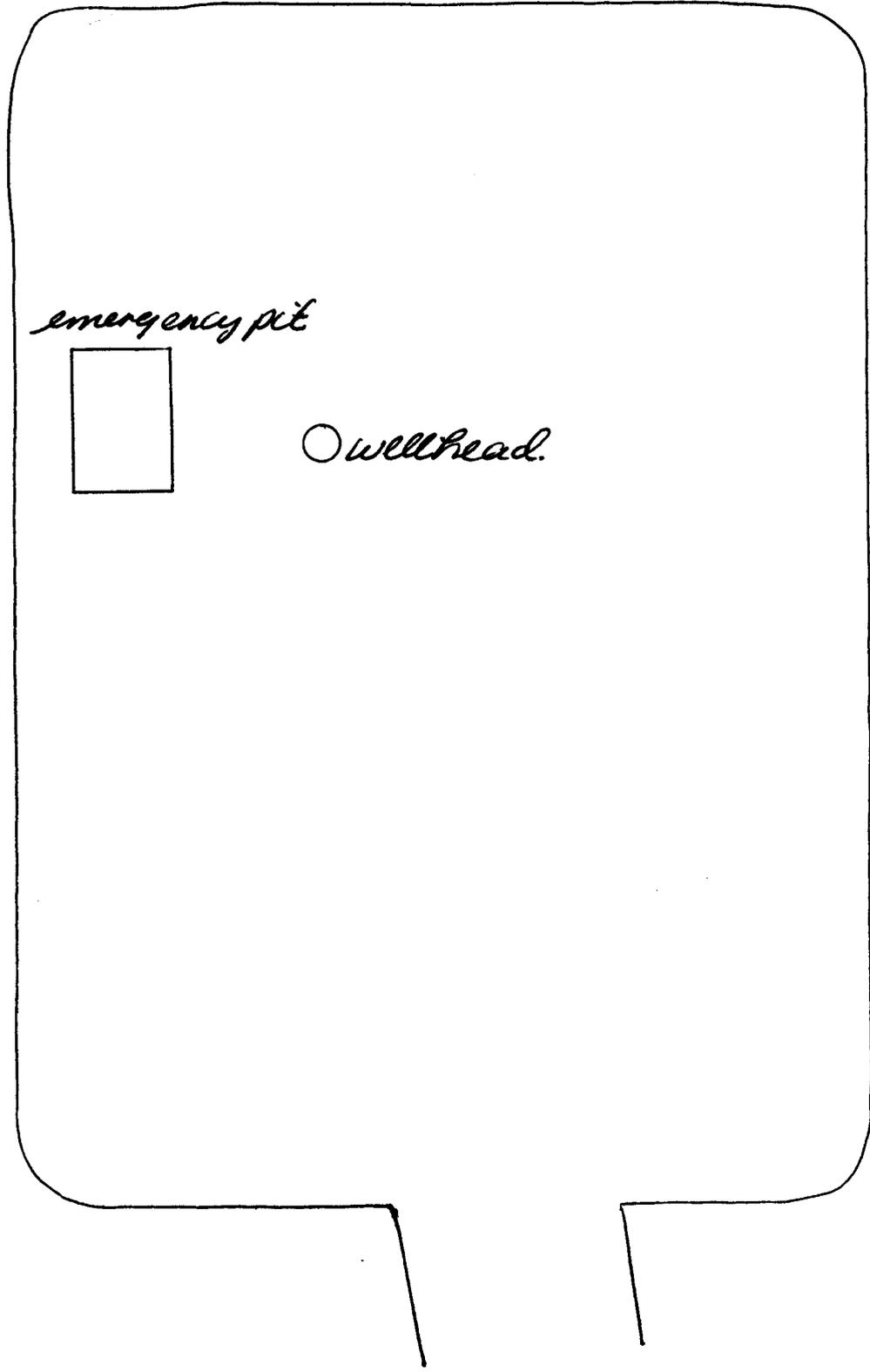
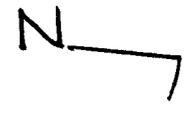


NAME AND NUMBER	LEASE # & FORMATION	LOCATION	ELEVATION	PERMIT #
RAINBOW UNIT # 1	U-017403 WASATCH	2310' FSL&2410FWL SEC. 8, T11S, R24E	5258 GR	43-047-15805
RAINBOW UNIT #2A	U-017664 MESA VERDE	2238' FSLT2000' FWL SEC. 19, T11S, R24E	5447GR	43-047-15806
RAINBOW UNIT #4	U-017664-A Wasatch	1628' FSL&1868' FEL SEC. 1, T11S, R23E	5567' GR	43-047-15807

Rainbow Unit #4

Sec. 11.30, R23E

Ch: bly 10/6/88



43,381 50 SHEETS 5 SQUARE  
43,382 50 SHEETS 5 SQUARE  
43,383 50 SHEETS 5 SQUARE  
43,384 50 SHEETS 5 SQUARE  
43,385 50 SHEETS 5 SQUARE  
43,386 50 SHEETS 5 SQUARE  
43,387 50 SHEETS 5 SQUARE  
43,388 50 SHEETS 5 SQUARE  
43,389 50 SHEETS 5 SQUARE  
43,390 50 SHEETS 5 SQUARE  
NATIONAL  
MADE IN U.S.A.

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

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

2. NAME OF OPERATOR  
MAXUS EXPLORATION COMPANY

3. ADDRESS OF OPERATOR  
P. O. BOX 1669, 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

14. PERMIT NO.  
SEE ATTACHMENT

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

5. LEASE DESIGNATION AND SERIAL NO.  
SEE ATTACHMENT

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

UNIT AGREEMENT NAME  
SEE ATTACHMENT

FARM OR LEASE NAME  
SEE ATTACHMENT

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  
UINIAH

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
- FRACTURE TREAT
- SHOOT OR ACIDIZE
- REPAIR WELL
- (Other)

- PULL OR ALTER CASING
- MULTIPLE COMPLETE
- ABANDON\*
- CHANGE PLANS

SELL WELLS

- 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
JR3	GLH
DTS	SLS
1-TAS	
2-DTS/TS	
3- MICROFILM	✓
4- FILE	

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

SIGNED Rodney Brewer  
RODNEY BREWER

TITLE ENGINEER

DATE 10-5-89

(This space for Federal or State office use)

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' FEL 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' FEL Sec. 14, T11S, R23E	5773' GR	43-047-31806
ROCKHOUSE UNIT #5A	U-0799 WASATCH	380' FEL & 1972' FEL Sec. 13, T11S, R23E	5607' GR	43-047-15812
ROCKHOUSE UNIT #8	U-0780 WASATCH	1159' FEL & 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	e
SEE EXHIBIT "A" ATTACHED HERETO FOR DESCRIPTIONS OF THE LEASES, LANDS AND INTERESTS BEING CONVEYED.					

RECEIVED  
OCT 23 PM 12:46  
STATE OFFICE

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.

*[Signature]*  
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.

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.

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.

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

Assignee (Signature) or Attorney-in-fact Howard 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>
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>	
			<u>Owned</u>	<u>Conveyed</u>	<u>Retained</u>	<u>Reserved</u>	<u>Previously Reserved</u>
✓ 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  
 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>Previously Reserved</u>	<u>Reserved</u>
✓ 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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> <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 type="checkbox"/> <b>Change Of Operator - Mass Transfer</b>		7. UNIT AGREEMENT NAME -
2. NAME OF OPERATOR <b>McKenzie Petroleum Company</b>		8. FARM OR LEASE NAME -
3. ADDRESS OF OPERATOR <b>1625 Broadway, Suite 2580, Denver, CO. 80202</b>		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 <b>See Attachments</b>		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 <b>Uintah</b>
		13. STATE <b>Utah</b>

RECEIVED

OCT 19 1989

DIVISION OF OIL, GAS & MINING

16. 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"/>	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 (Other) <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>	(Other) <u>Change of Operator</u> <input type="checkbox"/>	
APPROX. DATE WORK WILL START <u>8-20-89</u>		DATE OF COMPLETION <u>9-1-89</u>	

(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.)

\* 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  
Howard W. Dennis

(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.

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
	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.

*Jay 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.

ROUTINE USES

- (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.

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.

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 Dennis (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>	
			<u>Owned</u>	<u>Conveyed</u>	<u>Retained</u>	<u>Reserved</u>	<u>Previously Reserved</u>
✓ 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  
 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-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%

RECEIVED  
OCT 19 1989

DIVISION OF  
OIL, GAS & MINING

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-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

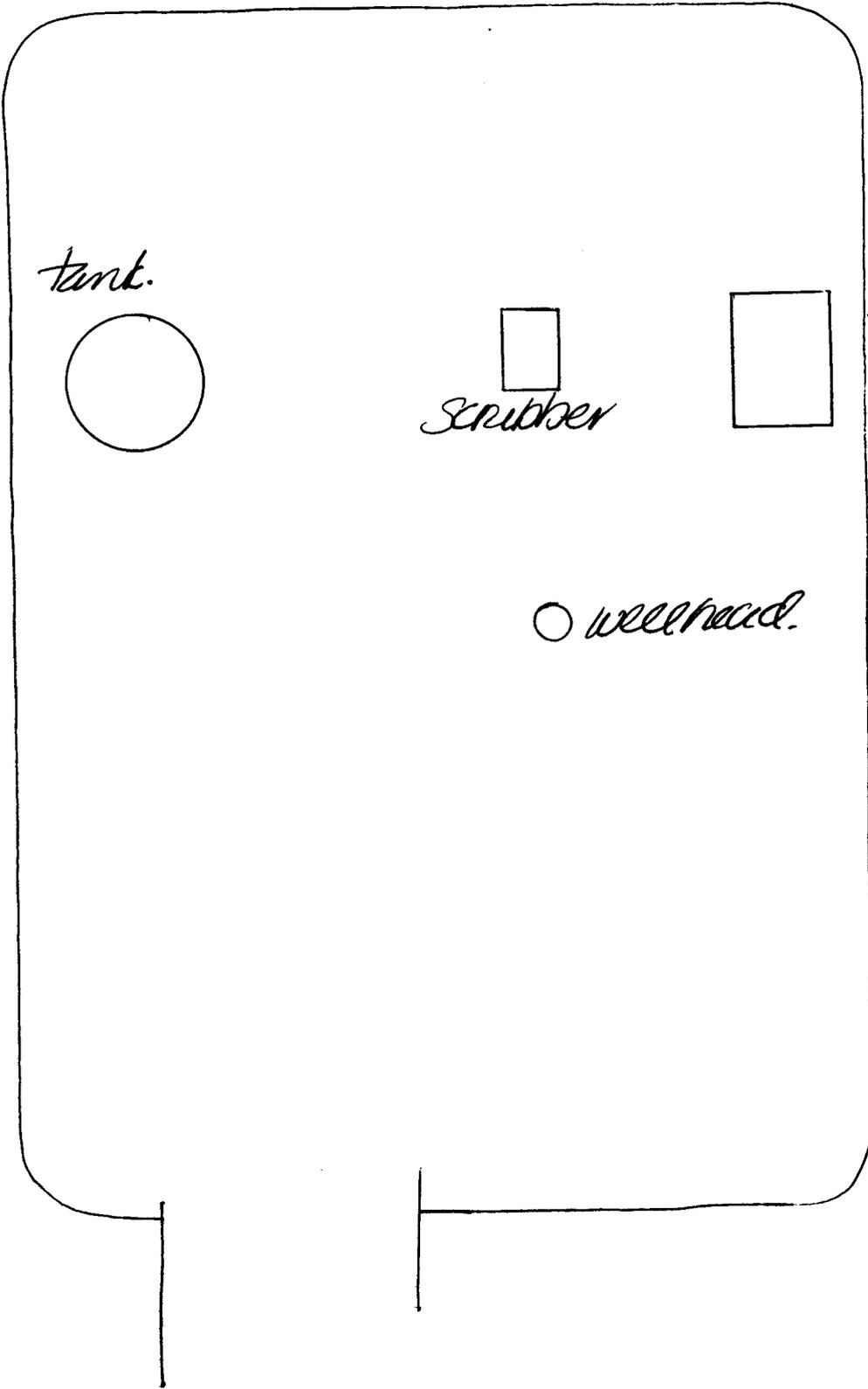
exhibitA.doc

Rainbow  
Unit 4

SoCl, 115, 23E

Hubby 11/9/88

N



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION & SERIAL NO.

U-017664-A

**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.)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

-

1. OIL WELL  GAS WELL  OTHER

7. UNIT AGREEMENT NAME

Rainbow Unit

2. NAME OF OPERATOR  
McKenzie Petroleum Co.

8. FARM OR LEASE NAME

Rainbow Unit

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

9. WELL NO.

#4

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

At surface 1628 FSL, 1868 FEL

NW 1/4 SE 1/4

10. FIELD AND POOL, OR WILDCAT

Wasatch

At proposed prod. zone

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

Sec. 1, T11S-R23E

14. API NO.

43-047-15807

13. ELEVATIONS (Show whether DF, RT, GR, etc.)

GR 5567

12. COUNTY

Uintah

13. STATE

Utah

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON

REPAIR WELL

CHANGE PLANS

(Other)

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
HTAS	
2	MICROFILM
3	FILE

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

SIGNED

*Sam Cad*

TITLE

Technician

DATE

12-18-89

(This space for Federal or State office use)

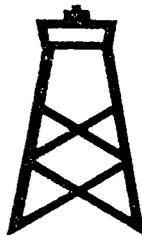
APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

See Instructions On Reverse Side



# 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 Mabry

:BJM

Encl.

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

<p align="center"><b>SUNDRY NOTICES AND REPORTS ON WELLS</b></p> <p align="center"><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></p>		5. LEASE DESIGNATION AND SERIAL NO. U-017664 A
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME Rainbow Unit
2. NAME OF OPERATOR McKenzie Production Company		8. FARM OR LEASE NAME Rainbow Unit
3. ADDRESS OF OPERATOR 7880 San Felipe Rd., Suite 100, Houston, Texas 77063		9. WELL NO. No. 4
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1628' FSL, 1868' FEL NW 1/4 SE 1/4		10. FIELD AND POOL, OR WILDCAT Wasatch
14. API NUMBER 43 047 15807		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 1, T11S R23E
15. ELEVATIONS (Show whether DF, RT, GR, etc.) GR 5567'		12. COUNTY OR PARISH   13. STATE Uintah   Utah

RECEIVED  
JUL 16 1990

16. 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"/>	FULL 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) <u>Change operator name &amp; Address</u> <input checked="" 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.)\*

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 MARRY TITLE Engineering Assistant DATE 7/2/90

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

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-0780  
 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: <del>ROCKHOUSE UNIT #1</del> <i>SPV</i> API: 4304715805	Entity: 02010	Sec 8	Twp 11S	Rng 24E	Lease Type: U-01740
Name: <del>ROCKHOUSE UNIT #3</del> <i>MVED</i> API: 4304715810	Entity: 10876	Sec 11	Twp 11S	Rng 23E	Lease Type: U-0778
Name: <del>ROCKHOUSE UNIT #4</del> <i>WSTC</i> API: <u>"WSTC" PA</u>	Entity: 02025	Sec	Twp	Rng	Lease Type: "
Name: <del>ROCKHOUSE UNIT #44-14</del> <i>WSTC</i> API: 4304715811	Entity: 02025	Sec 9	Twp 11S	Rng 23E	Lease Type: U-0779
Name: <del>ROCKHOUSE UNIT #44-14</del> <i>WSTC</i> API: 4304731806	Entity: 02025	Sec 14	Twp 11S	Rng 23E	Lease Type: U-0779
Name: <del>ROCKHOUSE UNIT #1</del> <i>MVED</i> API: 4304715809	Entity: 10876	Sec 10	Twp 11S	Rng 23E	Lease Type: U-0779
Name: <del>ROCKHOUSE UNIT #5-A</del> <i>WSTC</i> API: 4304715812	Entity: 02025	Sec 13	Twp 11S	Rng 23E	Lease Type: U-0779

*MVED P.A.*

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.

1- HCR	<i>Jep</i>
2- DPT	<i>TS</i>
3- VLC	<i>✓</i>
4- RJF	<i>✓</i>
5- RWM	<i>✓</i>
6- LCR	<i>Jep</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>
phone <u>(713) 783-4300</u>	phone <u>(713) 783-4300</u>
account no. <u>N0095</u>	account no. <u>N0090</u>

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

Name: <u>THOMAS E. HALL #3 WEBR</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 WEBR</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 WEBR</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 WEBR</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>J-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>J-01766</u>

CONTINUED--

**OPERATOR CHANGE DOCUMENTATION**

- Jep 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:       .
- Jep 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.
- Jep 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above.
- Jep 6. Cardex file has been updated for each well listed above.
- Jep 7. Well file labels have been updated for each well listed above.
- Jep 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission.
- Jep 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.

**FILMING**

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

**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**

7-23-90 Btm/Bearce 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 Mabry will send IDLOC "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								
4304715593	00615	05S 22E 23	WEBR		- FEE	4208'		
THOMAS E. HALL #4								
4304715594	00615	05S 22E 23	WEBR		- FEE	4200'		
THOMAS HALL FEE 1								
4304715591	00620	05S 22E 23	WEBR		- FEE	4122'	} Sep. Oper. Chg.	
THOMAS HALL FEE 2								
4304715592	00620	05S 22E 23	WEBR		- FEE	4170'		
THOMAS E. HALL #5S								
4304715595	00620	05S 22E 23	ENRD		- FEE	2055'		
RAINBOW UNIT 2A								
4304715806	01350	11S 24E 18	WSTC		- 40529	(Rainbow Unit)		
RAINBOW UNIT #4								
4304715807	01355	11S 23E 1	WSTC		- 401766	#4-A "		
RAINBOW UNIT 1								
4304715805	02010	11S 24E 8	WSTC		- 4017403	"		
ROCKHOUSE UNIT 3								
4304715810	02025	11S 23E 11	WSTC		- 40778	(Rockhouse Unit)		
ROCKHOUSE UNIT 4								
4304715811	02025	11S 23E 9	WSTC		- 40779	"		
ROCKHOUSE UNIT #5A								
4304715812	02025	11S 23E 13	WSTC		- "	"		
ROCKHOUSE UNIT #8								
4304715815	02025	11S 23E 23	WSTC		- 40780	"		
ROCK HOUSE UNIT #44-14								
4304731806	02025	11S 23E 14	WSTC		- 40779	"		
<b>TOTALS</b>								

COMMENTS: \_\_\_\_\_

\_\_\_\_\_

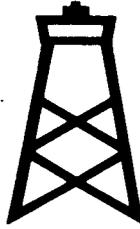
\_\_\_\_\_

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

Date: \_\_\_\_\_

Name and Signature: \_\_\_\_\_

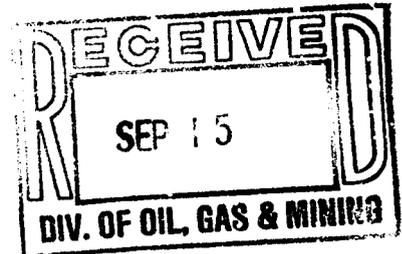
Telephone Number: \_\_\_\_\_



# 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,

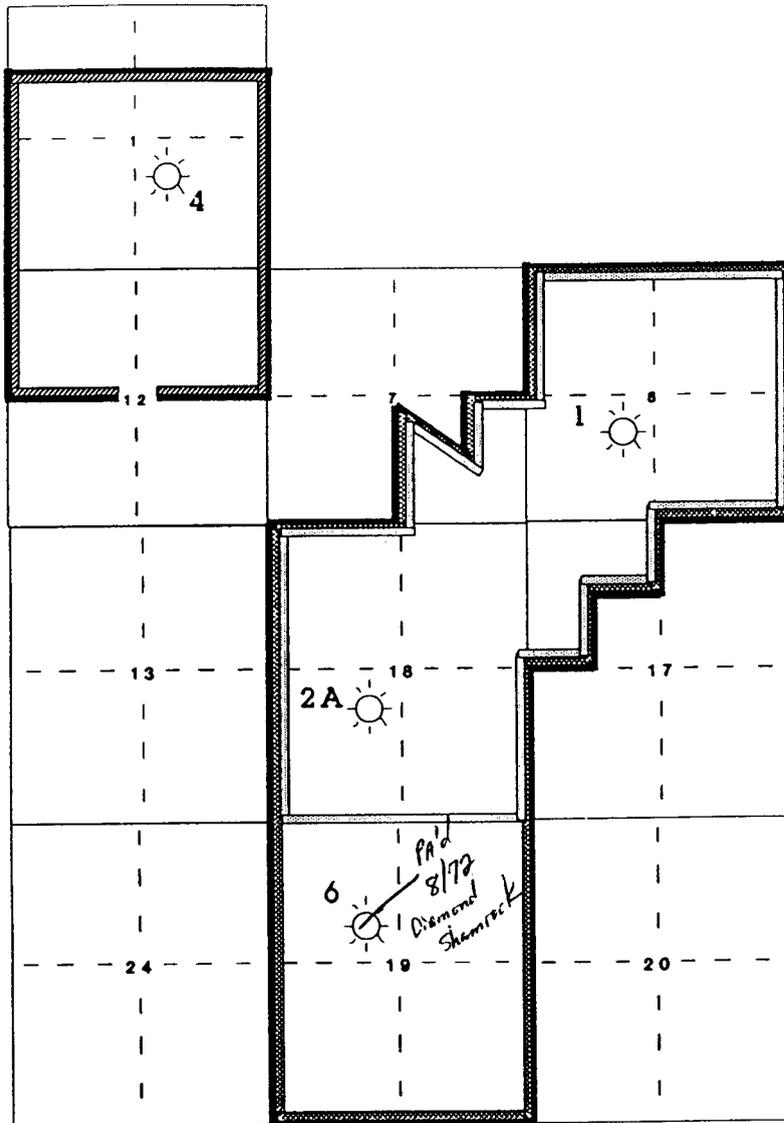
*940916: Address Updated - Jue*

McKENZIE PETROLEUM COMPANY and/or  
McKENZIE PRODUCTION COMPANY

BY 

# RAINBOW UNIT

## Uintah County, Utah



11S

23E

24E

-  UNIT OUTLINE (UTU63035X)
-  WASATCH PA
-  WASATCH PA "B"
-  MESAVERDE PA

AS CONTRACTED, DECEMBER 2, 1966

2,936.98 ACRES

WASATCH PA ALLOCATION	
FEDERAL	97.1312%
FEE	2.8688%
2,135.73 Acres	

WASATCH PA "B" ALLOCATION	
FEDERAL	93.6448%
FEE	6.3552%
801.24 Acres	

MESAVERDE PA ALLOCATION	
FEDERAL	95.3037%
FEE	4.6963%
1,515.66 Acres	

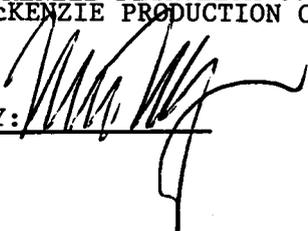
Authorized Officer  
Bureau of Land Management

Re: RAINBOW 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 RAINBOW Unit Area. The enclosed instrument has been executed by more than the required percentage of working interest owners pursuant to the RAINBOW Unit and Unit Operating Agreements. All operations within the RAINBOW 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: RAINBOW Unit  
Uintah County, UTAH

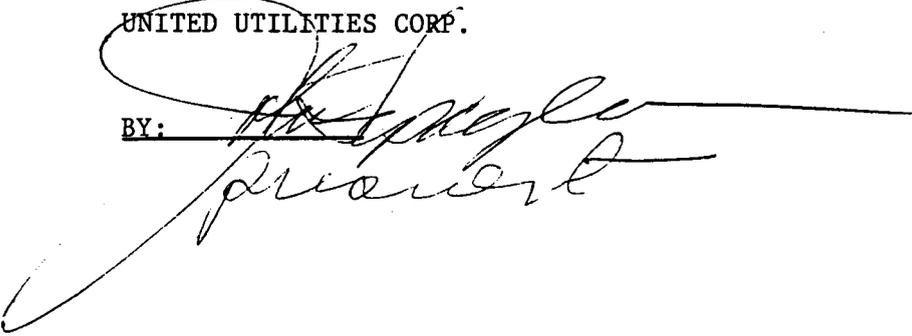
Gentlemen:

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

UNITED UTILITIES CORP., as the designated successor operator under the RAINBOW 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 RAINBOW Unit Agreement will be covered by bond no. Letter of Credit.

Sincerely,

UNITED UTILITIES CORP.

BY: 

Enclosures

RESIGNATION OF UNIT OPERATOR

RAINBOW Unit Area

County of UINTAH

State of UTAH

Unit Agreement No. 14-08-001-7735

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

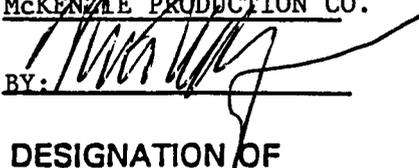
McKENZIE PETROLEUM CO. and/or  
McKENZIE PRODUCTION CO., the designated Unit Operator under said Unit Agreement, does hereby resign as Unit Operator, effective upon the selection and approval of a successor Unit Operator.

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

RAINBOW Unit Area

County of UINTAH

State of UTAH

Unit Agreement No. 14-08-001-7735

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,"



**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.

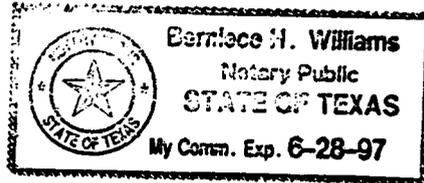
My Commission Expires:

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 SEPT-EMBER, 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

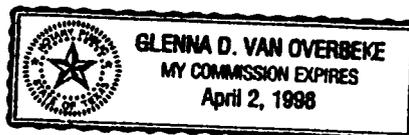


EXHIBIT "A"  
Rainbow Unit  
Uintah County, Utah  
Lease Numbers and Description

<u>B.L.M. Lease Number</u>	<u>Location</u>
U-070535-E	T11S, R24E, SLM: SEC 8: LOTS 8 AND 4.
U-070536-B	T11S, R24E, SLM: SEC 1: LOT 9, SW/4NE/4.
U-17403	T11S, R24E, SLM, SEC 7: LOTS 5, 10, AND 11. SEC 8: LOTS 1-7, NE/4NE/4, N/2SW/4, W/2SE/4, SE/4SE/4, SW/4NW/4.
U-018859	T11S, R24E, SLM: SEC 19: LOTS 1-4, E/2W/2, SE/4
U-017664-A	T11S, R23E, SLM: SEC 1: LOTS 10-17, S/2NW/4, N/2SE/4, SE/4SE/4. SEC 12: LOTS 1-4, SW/4NE/4, NE/4NW/4.
U-0326	T11S, R24E, SLM: SEC 17: LOTS 1,2 SW/4NW/4 SEC 18: E/2NE/4.
U-0529	T11S, R24E, SLM: SEC 18: LOTS 1-4, E/2W/2, W/2NE/4, SE/4. SEC 19: NE/4.
U-036414	T11S, R24E, SLM: SEC 8: LOT 9.
U-062420	T11S, R23E, SLM: SEC 12: S/2NW/4, NW/4NW/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	<input checked="" type="checkbox"/>
2-LWP 8-SJ	<input checked="" type="checkbox"/>
3-DTS 9-FILE	<input checked="" type="checkbox"/>
4-VLC	<input checked="" type="checkbox"/>
5-RJF	<input checked="" type="checkbox"/>
6-LWP	<input checked="" type="checkbox"/>

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)	<b>UNITED UTILITIES CORPORATION</b>	FROM (former operator)	<b>MCKENZIE PRODUCTION CO</b>
(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: <b>**SEE ATTACHED**</b>	API: <u>047-15807</u>	Entity: _____	Sec _____	Twsp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twsp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twsp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twsp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twsp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twsp _____	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**

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

**BOND VERIFICATION (Fee wells only)**

- N/A*  
*1/2* 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) \_\_\_. Today's date \_\_\_\_\_ 19\_\_\_. If yes, division response was made by letter dated \_\_\_\_\_ 19\_\_.

**LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY**

- N/A* 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated \_\_\_\_\_ 19\_\_, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.  
*DT5*  
*9/23/94*
- N/A* 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 9 19 94.

**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)*



# FAX

To:

Attn:

Jesha Cordova

Time Sent:

3:28 pm

From:

Sammy

Date:

4/8/77

Number of Pages:

**4**

Fax Number:

(801) 359-3940

(includes this page)

Remarks:

Jesha, I'm faxing you a letter  
where United is Resigning as  
unit operator effective 2/1/78

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**

# 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

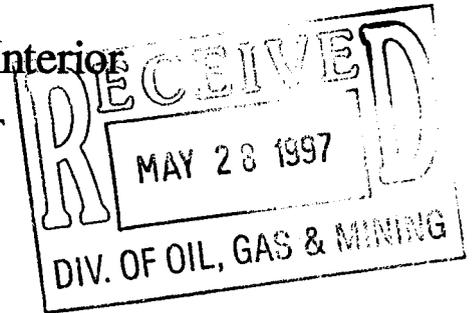
ts



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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



May 27, 1997

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

Re: Rainbow Unit  
Uintah County, Utah

Gentlemen:

On May 16, 1997, we received an indenture dated May 12, 1997, whereby United Utilities Corporation resigned as Unit Operator and Rosewood Resources, Inc. was designated as Successor Unit Operator for the Rainbow Unit, Uintah County, Utah.

The indenture was approved by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Rainbow Unit Agreement. The instrument is hereby approved effective May 27, 1997.

Your nationwide (Montana) oil and gas bond No. 0627 will be used to cover all operations within the Rainbow 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/ Robert A. Henricks

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 - Rainbow Unit (w/enclosure)

MMS - Data Management Division

Agr. Sec. Chron

Fluid Chron

U-931:TAThompson:tt:5/27/97

Well Status Report  
Utah State Office  
Bureau of Land Management

Lease	Api Number	Well Name	QTR	Section	Township	Range	Well Status	Operator
** Inspection Item: 891007735B								
→ UTU017664A	4304715807	4 RAINBOW UNIT	NWSE	1	T11S	R23E	GSI	UNITED UTILITIES CORPORATION
** Inspection Item: 891007735C								
UTU017403	4304715805	1 RAINBOW UNIT	NESW	8	T11S	R24E	GSI	UNITED UTILITIES CORPORATION
UTU0529	4304715806	2-A RAINBOW UNIT	NESW	18	T11S	R24E	GSI	UNITED UTILITIES CORPORATION
UTU0529	4304732778	RAINBOW UNIT 7	NWNW	18	T11S	R24E	PGW	UNITED UTILITIES CORPORATION

# OPERATOR CHANGE WORKSHEET

Routing	
1- <u>GLH</u>	6- <u>WLR</u>
2- <u>GLH</u>	7-KAS ✓
3- <u>DTG</u>	8-SI ✓
4-VLD ✓	9-FILE ✓
5-JRB ✓	

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 Operator
- Designation of Agent
- Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 2-1-97

<p><b>TO:</b> (new operator) <u>ROSEWOOD RESOURCES INC</u></p> <p>(address) <u>100 CRESCENT COURT #500</u></p> <p><u>DALLAS TX 75201</u></p> <p>Phone: <u>(214)871-5710</u></p> <p>Account no. <u>N7510</u></p>	<p><b>FROM:</b> (old operator)</p> <p>(address) <u>UNITED UTILITIES CORP</u></p> <p><u>804 W DALLAS STE 10</u></p> <p><u>CONROE TX 77301</u></p> <p><u>TAMARA SEITER</u></p> <p>Phone: <u>(409)788-6400</u></p> <p>Account no. <u>N6360</u></p>
---	---

WELL(S) attach additional page if needed:

**\*RAINBOW UNIT**

Name: <u>RAINBOW UNIT 2A/WSTC</u>	API: <u>43-047-15806</u>	Entity: <u>1350</u>	S <u>18</u>	T <u>11S</u>	R <u>24E</u>	Lease: <u>U0529</u>
Name: <u>RAINBOW UNIT 4/WSTC</u>	API: <u>43-047-15807</u>	Entity: <u>1355</u>	S <u>1</u>	T <u>11S</u>	R <u>23E</u>	Lease: <u>U017664A</u>
Name: <u>RAINBOW UNIT 1/WSTC</u>	API: <u>43-047-15805</u>	Entity: <u>2010</u>	S <u>8</u>	T <u>11S</u>	R <u>24E</u>	Lease: <u>U017403</u>
Name: <u>RAINBOW UNIT 7/WS &amp; MV</u>	API: <u>43-047-32778</u>	Entity: <u>1350</u>	S <u>18</u>	T <u>11S</u>	R <u>24E</u>	Lease: <u>UTU0529</u>
Name: _____	API: _____	Entity: <u>11999</u>	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

## OPERATOR CHANGE DOCUMENTATION

- Lee 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*
- X 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(Blm Approval)*
- 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: \_\_\_\_\_
- Lee 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.
- Lee 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. *(5-30-97)*
- Lee 6. **Cardex** file has been updated for each well listed above. *(5-30-97)*
- Lee 7. Well **file labels** have been updated for each well listed above. *(5-30-97)*
- Lee 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. *(5-30-97)*
- Lee 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)  If entity assignments were changed, attach copies of Form 6, Entity Action Form.   
 \* Oper. requests separate entity numbers for wells, do not group together.
- 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

**BOND VERIFICATION - (FEE WELLS ONLY)**

- 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) , as of today's date \_\_\_\_\_. 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 \_\_\_\_\_ to \_\_\_\_\_ at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.   
 JCS 4/3/97
- 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: 6-30-97

**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**

970527 BLM/SY Aprv. 5-27-97.





UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
UTU-017664A

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE** – Other instructions on page 2.

1. Type of Well

Oil Well     Gas Well     Other

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

2. Name of Operator  
Rosewood Resources, Inc.

8. Well Name and No.  
Rainbow #4

3a. Address  
P.O. Box 1668 Vernal, UT 84078

3b. Phone No. (include area code)  
435-789-0414

9. API Well No.  
43-047-15807

10. Field and Pool or Exploratory Area

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
NWSE SEC 1 T11S R23E SLB&M

11. Country or Parish, State  
Uintah, Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION				
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off	
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____	
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon		
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal		

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

Please see attached rig reports on above mentioned well. Rosewood attempt to re-seed location prior to ground freeze with approved seed mixture. Thank you,

Jill Henrie  
Rosewood Resources, Inc.  
435-789-0414

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

Signature

Title Administrative Assistant

Date 11/26/2008

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

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

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**RECEIVED**  
**DEC 09 2008**

DIV. OF OIL, GAS & MINING

**ROSEWOOD RESOURCES, INC.**

**Daily Chronological Report**

**WELL NAME: Rainbow #4**

**API # 43-047-15807**

**NWSE SEC 1 T11S R23E SLB&M**

**Lease Number #UTU-017664A**

**County : Uintah**

**Engineer : J Watkins / K Carrigan**

**Turnkey Bid : 60,500**

11/11/2008

Pre job safety meeting, Topic was Pressure control, MIRU, Flow well dead, NDWH, NUBOP, No tubing in well, Go pick up work string off last location, TIH with 7" bit to 3500', SDFN

11/12/2008

Pre job safety meeting, Topic was Pressure control, MIRU, Flow well dead, NDWH, NUBOP, No tubing in well, Go pick up work string off last location, TIH with 7" bit to 3500', SDFN

11/13/2008

Pre job safety meeting, Topic was pinch points, Hunt for hole in casing, Top of hole at 2670', TOH, WO orders, Prepare to cut casing in morning, SDFN

11/14/2008

Pre job safety meeting, Topic was PPE, RU wireline, Cut casing at 5590', RD wireline, NDBOP, NDWH, Lay down 1000' of casing, Problem with casing elevators, WO new elevators, Problems, with starter on rig, SDFN

11/15/2008

Pre job safety meeting, Topic was Driving safety, Fix starter on rig, Lay balance of casing down, NUWH, NUBOP, TIH to 2000', SDFN

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11/17/2008

Pre job safety meeting, Topic was tips and falls, TIH to 3176', WO brine water, Role hole with 200 bls 10 lb water, Wait 20 mins to make sure well is dead, Mix and pump 225 sxs class G cement, TOH, WOC, SDFN

11/18/2008

Pre job safety meeting, Topic was pinch points, TIH and tag cement at 5534', TOH to 2414', Mix and pump 150 sxs class G cement, TOH, WOC, SDFN

11/19/2008

Pre job safety meeting, Topic was pressure control, TIH and tag cement at 2212', Mix and pump 30 sxs class G cement, TOH, RU wireline, Shot perfs at 1200', Get rate into perfs, Shot perfs at 575', RD wireline, NDBOP, NDWH, While moving floor to a lower level Dustin was hit by the floor, Sent Dustin to hospital, NUWH, SDFN

\*\* Rosewood's safety representatives traveling to rig site this morning.

11/20/2008

Pre job safety meeting, Topic was accident analysis, WO OSHA inspector, Endured OSHA accident inspection, Did a safety walk through with Rosewood safety hands, SDFN

11/22/2008

Pre job safety meeting, Topic was driving safety, Broke circulation to surface, Mix and pump 270 sxs class G cement with LCM and calcium, WOC, Attempt to tag cement failed (still to soft), SDFN

11/23/2008

Pre job safety meeting, Topic was hot works, TIH and tag cement at 165', Get injection rate into surface annulus, Mix and pump 100 sxs class g cement with LCM and calcium down surface annulus, RD, Cut off wellhead, Top off with 100 sxs cement, cement still falling slowly, left till morning, SDFN

Pre job safety meeting, Topic was PPE, Top well with 30 sxs class G cement, Weld on plate, backfill, MO BLM on location was Ray Arnold, all changes to procedure approved by Ryan Angus BLM  
1020 sxs total cement, One 7" CICR and one 9 5/8" CICR used

On well for 12 days  
No tubing recovered from well

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FINAL REPORT