

\* 1-11-62, Aug. 27 Nov. 1962 • This well was connected to gas line.

FILE NOTATIONS

Entered in NID File

Sheet \_\_\_\_\_

Location Map Pinned \_\_\_\_\_

Card Indexed

IWR for State or Fee Land \_\_\_\_\_

Checked by Chief RJS

Copy NID to Field Office \_\_\_\_\_

Approval Letter In Visit

Disapproval Letter \_\_\_\_\_

COMPLETION DATA:

Date Well Completed 8-14-61

Location Inspected \_\_\_\_\_

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

Bond released \_\_\_\_\_

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

State of Fee Land \_\_\_\_\_

LOGS FILED

Well History - duplicate copy

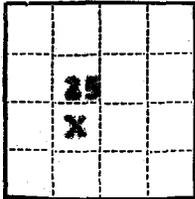
Driller's Log 9-7-61

Electric Logs (No.) 3

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

Lat \_\_\_\_\_ Mi-L \_\_\_\_\_ Sonic  Others Gamma - Neutron + Cement Location

6-24-92  
JH



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office **Salt Lake City, Utah**  
Lease No. **U-01194**  
Unit **Ute Trail**  
**DeKalb, et al # 11**

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)

June 8

1961

Well No. **11** is located **2120** ft. from **N** line and **1772** ft. from **E** line of sec. **25**

**NW NESW Section 25**

**T-9-S, R-21-E**

**S. L. B. & M.**

(Sec. and Sec. No.)  
**Wildcat**

(Twp.) (Range)  
**Uintah**

(Meridian)  
**Utah**

(Field)

(County or Subdivision)

(State or Territory)

The elevation of the derrick floor above sea level is \_\_\_\_\_ ft. **Will run elevation after rig is on location.**

DETAILS OF WORK

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

We proposed to drill to an estimated total depth of 6,000 feet. We plan to drill with Rotary Tools to total depth with gasiated water. It may become necessary to mud up in the incompetent red beds of the Wasatch formation. Cores and tests will be dependent upon oil and gas shows. We plan to set approx. 200' of 10-3/4", J-55, 32.75# surface casing, cemented with 100 sacks. Set approx. 5300' of 7" Intermediate, J-55, 23#, cemented with 400 sacks. Will set 4-1/2" OD, J-55, 11.60# liner through productive zones and perforate and frac as sand development and gas shows warrant.

Spud in the Uintah formation.

Top of Green River 1550'

Top of Wasatch 4850'

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

Company **DEKALB AGRICULTURAL ASSN., INC.**

Address **Box 523**

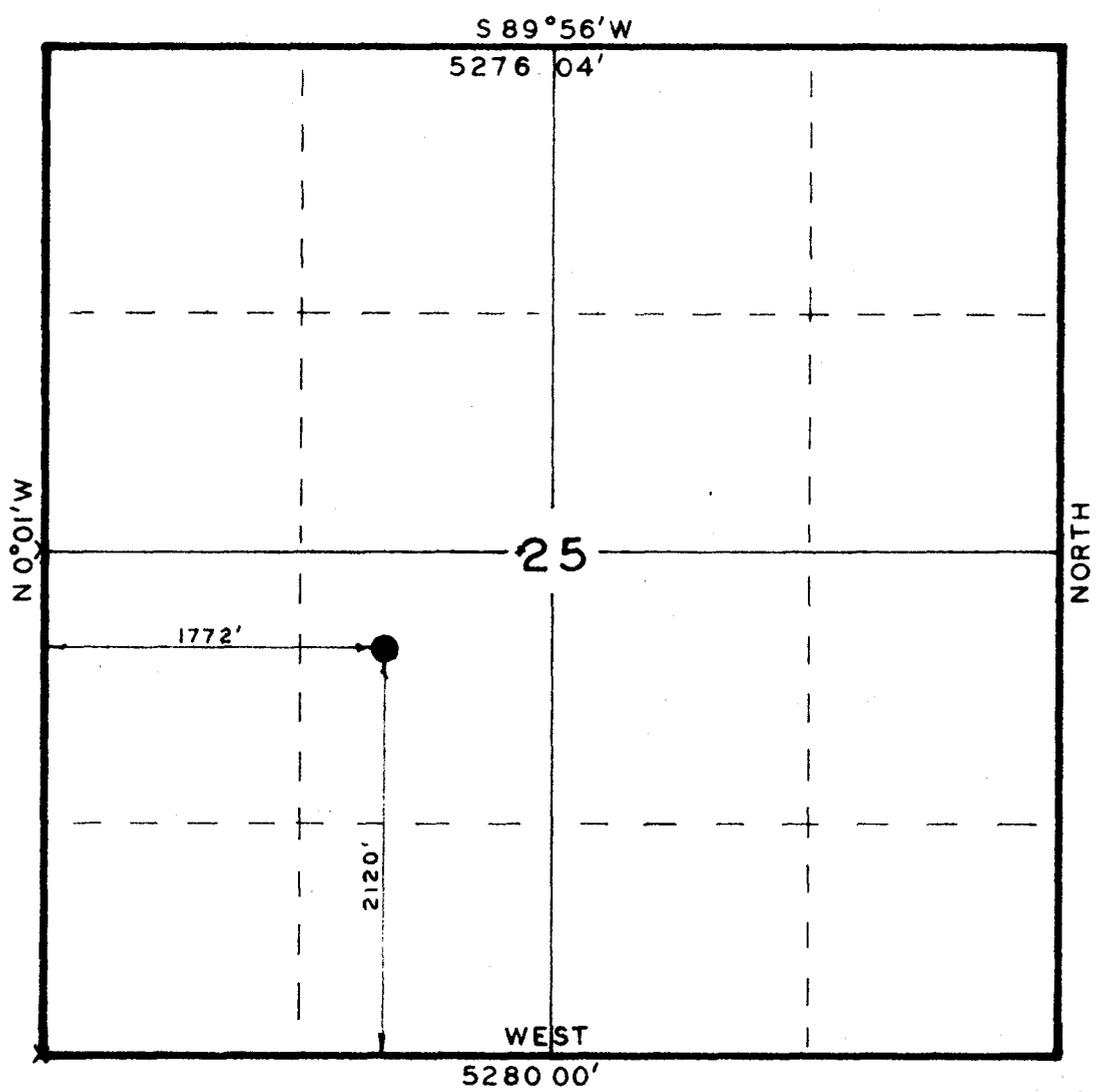
**Vernal, Utah**

By *M.C. Johnson*

Title **Geologist**

Corrected Plat for  
Well # 11

### T9S, R21E, SLB & M



X = Corners Located

Scale: 1" = 1000'

*R. D. Ross*

REGISTERED SURVEYOR

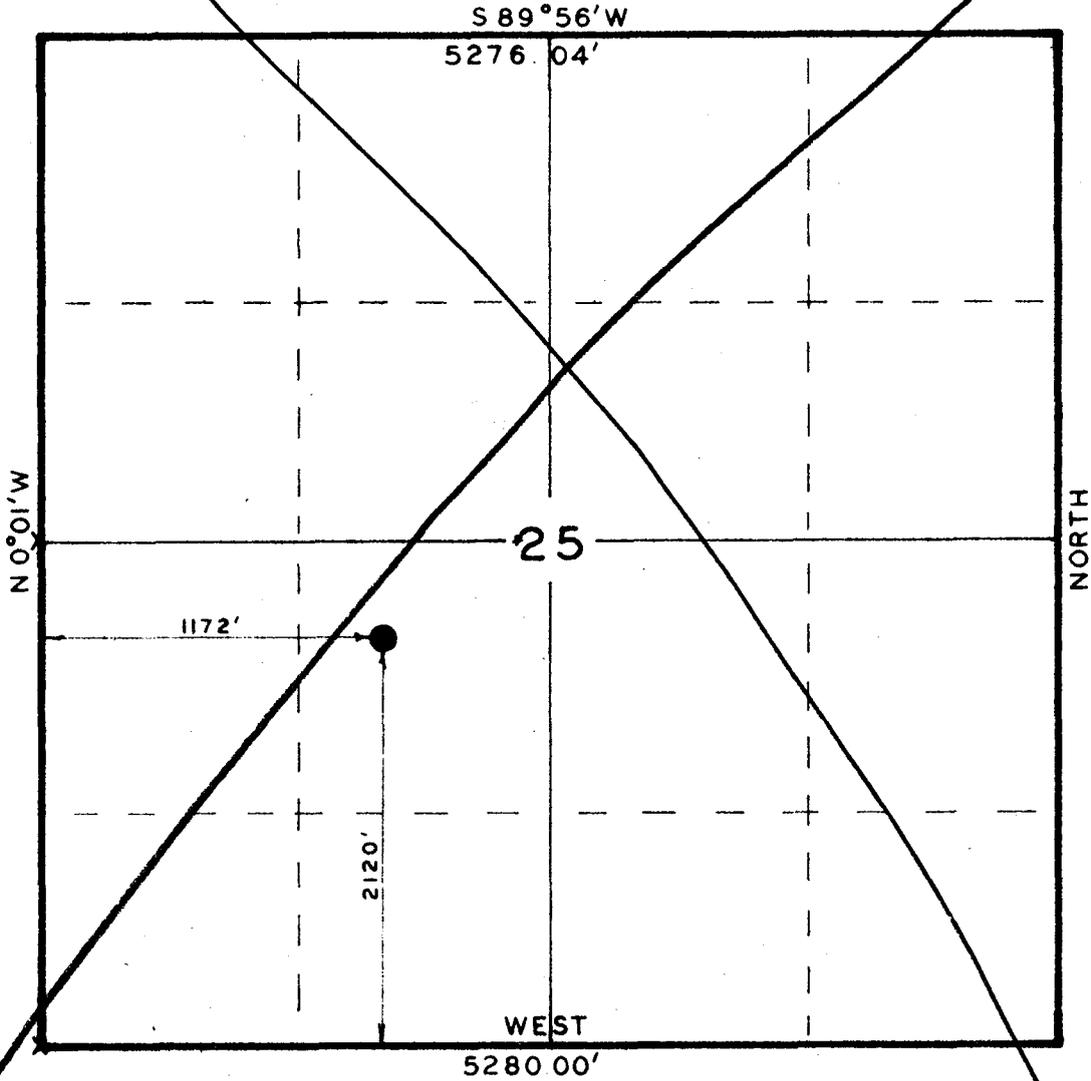
STATE OF UTAH

NO. 1022

By ROSS CONSTRUCTION CO.  
Vernal, Utah

PARTY R.D. Ross Gene Stewart Jim Hardman WEATHER Cold-windy	SURVEY DEKALB AGRICULTURAL ASSOCIATION INC. UTE TRAIL NO. 11, LOCATED AS SHOWN IN NE 1/4, SW 1/4, SEC. 25, T9S, R21E, SLB & M. UTAH COUNTY, UTAH.	DATE 3/17/61 REFERENCES GLO Township plat Approved 5/7/1905 FILE DEKALB
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T9S, R21E, SLB & M



X = Corners Located

Scale: 1" = 1000'

By ROSS CONSTRUCTION CO.  
Vernal, Utah

*R.D. Ross*

PARTY  
R.D. Ross  
Gene Stewart  
Jim Hardman  
WEATHER Cold-windy

SURVEY  
DEKALB AGRICULTURAL ASSOCIATION INC.  
UTE TRAIL NO. 11, LOCATED AS SHOWN IN NE 1/4,  
SW 1/4, SEC. 25, T9S, R21E, SLB & M.  
UINTAH COUNTY, UTAH.

DATE 3/17/61  
REFERENCES  
GLO Township plat  
Approved 5/7/1905  
FILE DEKALB

R.S.

	25		
X			

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office **Salt Lake City, Utah**

Lease No. **U-01194**

Unit **Ute Trail**

DeKalb, et al # 11

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>Surface Casing</b>	X

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

July 11

1961

Well No. **11** is located **2120** ft. from **N** line and **1772** ft. from **E** line of sec. **25**

**NESW Sec. 25**  
(1/4 Sec. and Sec. No.)

**T-9-S, R-21-E**  
(Twp.) (Range)

**S. L. B. M.**  
(Meridian)

**Wildcat**  
(Field)

**Uintah**  
(County or Subdivision)

**Utah**  
(State or Territory)

The elevation of the derrick floor above sea level is \_\_\_\_\_ ft. **Not run**

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)

July 8, 1961: Spudded at 2:00 P. M.

July 9, 10, 1961: Drilled 13-3/4" hole to 171', reamed to 17-1/4" to 169'.

Ran 5 Jts. 13-3/8" O. D., 48#, H-40, Rg. 2 Casing, overall length 171.76'.

Less landing joint, equals 153.66', set at 168', cemented with 175 sacks regular cement, plus 2% Cal. Chl. Plug down 5:00 A. M. July 10, 1961:

W. O. C.

July 11, 1961: Nippling up, tested casing to 1,000# psi, for 30 minutes, no loss in pressure. Continue drilling ahead.

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

Company **DEKALB AGRICULTURAL ASSN., INC.**

Address **P. O. Box 523**

**Vernal, Utah**

By *M. C. Johnson*  
Title **Geologist**

	25	
x		

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake City

Lease No. U-01194

Unit Ute Trail

DeKalb, et al # 11

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>Intermediate Casing</u> .....	<u>x</u>

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

..... July 18, ....., 1961

Well No. 11 is located 2120 ft. from N line and 1772 ft. from E line of sec. 25

NE SW Sec. 25 (1/4 Sec. and Sec. No.)      T9S, R21E (Twp.) (Range)      S.L.B.M. (Meridian)

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

The elevation of the derrick floor above sea level is 4951 ft. estimated

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)

July 17, 1961:

Total Depth 2000', drilled 11" hole to 2000'.  
Ran 65 Jts. of 8-5/8", 32#, J-55, Range 2 casing.  
Overall length 2004.95', set at 2000', Cemented  
with 200 sacks regular cement.  
Plug down at 4:00 A.M. 7-17-61. W.O.C. 24 hours.

July 18, 1961:

Tested casing to 1,000# psi, for 30 minutes no loss or  
drop in pressure. Drilling ahead.

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

Company DeKalb Agricultural Assn., Inc.

Address P. O. Box 523

Vernal, Utah

By [Signature]

Title Geologist

*R.S.*

**Salt Lake City Utah**

(SUBMIT IN TRIPLICATE)

	25		
x			

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office **Salt Lake City Utah**  
Lease No. **U-01194**  
Unit **Ute Trail**  
**DeKalb, Et al # 11**

**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>5-1/2" Casing and Cementing</b>	<b>X</b>

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

July 31, 1961

Well No. **11** is located **2120** ft. from <sup>~~XXXX~~</sup>**N** line and **1772** ft. from <sup>~~XXXX~~</sup>**W** line of sec. **25**

**NESW Sec. 25**  
(1/4 Sec. and Sec. No.)

**T-9-S**  
(Twp.)

**R-21-E**  
(Range)

**S. L. B. M.**  
(Meridian)

**Wildcat**  
(Field)

**Uintah**  
(County or Subdivision)

**Utah**  
(State or Territory)

The elevation of the derrick floor above sea level is **4951** ft. **Ground Level**

**DETAILS OF WORK**

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

**July 30, 1961: Drilled to total depth of 5655 feet.**

**Ran 181 Jts. 5-1/2", O. D. 15.50#, J-55, Smls. Casing, overall length**

**5668.75', less landing joint of 31.67', set at 5640', cemented with 400 sacks**

**50-50 Pozmix, plus 4% Gel, plus .25% Jel Flake. Plug Down at 10:00 P. M.**

**July 30, 1961. W. O. C. Will run Gamma Ray Cement log, nipple up,**

**perforate and frac.**

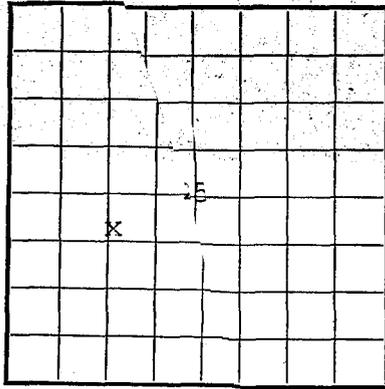
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **DEKALB AGRICULTURAL ASSN., INC.**

Address **P. O. Box 523**  
**Vernal, Utah**

By *J. P. Ray*  
Title **Production Supt.**

U.S. LAND OFFICE Salt Lake City  
SERIAL NUMBER U-01194  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_  
Ute Trail Unit



LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company DeKalb Agricultural Assn. Address P. O. Box 523, Vernal, Utah  
Lessor or Tract Ute Trail Unit Field Wildcat State Utah  
Well No. 11 Sec. 25 T. 9S R. 21E Meridian Salt Lake Bas. County Uintah  
Location 2120 ft. {N. } of S. Line and 1772 ft. {E. } of W. Line of Section 25 Elevation 4949  
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.  
Original Signed by  
J. F. TADLOCK  
Signed \_\_\_\_\_

Date August 29, 1961 Title Drilling Supt.

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

Commenced drilling July 8, 1961 Finished drilling July 30, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5230 to 5285 G No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from 5528 to 5543 G No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

IMPORTANT WATER SANDS

No. 1, from 2340 to 2400 No. 3, from 3570 to 3610  
No. 2, from 3380 to 3400 No. 4, from 4200 to 4220

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From-	To-	
13-3/8"	48			168'	Open end				Surface
8-5/8"	32			2000'	Guide				Protective
5-1/2"	15.50		Republic	5640'	Guide	float	5240	5260	
							5265	5280	
							5532	5538	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8"	168'	175 sxs reg.	Pump & Plug	9.1#	Hole Full
8-5/8"	2000'	200 sxs reg.	Pump & Plug	Water	None
5-1/2"	5640'	400 sxs reg. 50% cem. 50% poz.	Pump & Plug	9.9#	Hole Full

PLUGS AND ADAPTERS

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

SHOOTING RECORD

FOLD MARK

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
2-1/16"	20 gram McCullough	Mac Jet	4/ft.	8/5/61	5240-60	
					5265-80	
					5532-38	

### TOOLS USED

Rotary tools were used from Surface feet to 5655 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

### DATES

August 29, 1961 Put to producing Shut In August 14, 1961

The production for the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_% was oil; \_\_\_\_\_% emulsion; \_\_\_\_\_% water; and \_\_\_\_\_% sediment.

Gravity, °Bé. \_\_\_\_\_

If gas well, cu. ft. per 24 hours 8000 MCFGD 4,456 MCFGD on 1/2" Ck. w/400 lb back Press.  
Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. 2500 psig

### EMPLOYEES

Harlan Payton, Driller Tom Cunningham, Driller

Bill Mead, Driller S.W. Hanson, Driller

### FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
Surface	1420	1420	Uinta Formation
1420	4706	3286	Green River Formation
4706	5655	949	Wasatch

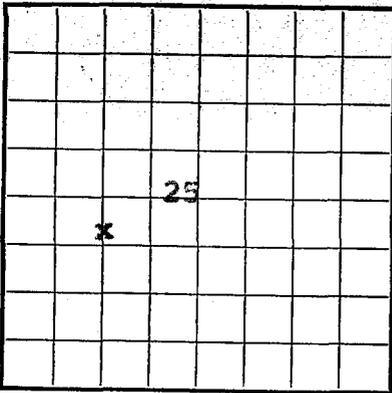
Ret. #3

State

Form 9-330

approved. Budget Bureau No. 42-R355.4

Salt Lake City  
U. S. LAND OFFICE  
SERIAL NUMBER 8-01194  
LEASE OR PERMIT TO PROSPECT  
Ute Trail Unit



LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company DeKalb Agricultural Assn., Address P. O. Box 523, Vernal, Utah  
Lessor or Tract Ute Trail Unit Field Wildcat State Utah  
Well No. 11 Sec. 25 T. 9S R. 21E Meridian Salt Lake Base County Uintah  
Location 2120 ft. [N. of S Line and 1772 ft. [E. of W Line of Section 25 Elevation 4949  
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.  
Signed J. F. Jalloch  
Date August 29, 1961 Title Drilling Supt.

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

Commenced drilling July 8, 1961 Finished drilling July 30, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5230 to 5285 G No. 4, from to  
No. 2, from 5528 to 5543 G No. 5, from to  
No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

No. 1, from 2340 to 2400 No. 3, from 3570 to 3610  
No. 2, from 3380 to 3400 No. 4, from 4200 to 4220

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From-	To-	
13-3/8"	48#			168'	Open End				Surface
8-5/8"	32#			2000'	Guide				Protective
5-1/2"	15.50		Republic	5640'	Guide-Float		5240	5280	
							5265	5280	
							5532	5538	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8"	168'	175 sxs reg.	pump & plug	9.1#	Hole Full
8-5/8"	2000'	200 sxs reg.	pump & Plug	water	none
5-1/2"	5640'	400 sxs 50% cem.	Pump & Plug	9.9#	Hole Full
		50% poz			

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set  
Adapters—Material Size

SHOOTING RECORD

FOLD MARK

**SHOOTING RECORD**

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
2-1/16"	20 gram	McCullough, Mac Jet	4/ft.	8/5/61	5240-60 5265-80 5532-38	

**TOOLS USED**

Rotary tools were used from Surface feet to 5655 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

**DATES**

\_\_\_\_\_ August 29, 1961 \_\_\_\_\_ Put to producing Shut In 8-14, 1961

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

If gas well, cu. ft. per 24 hours 8000 MCFGD <sup>4</sup> 456 MCFGD on 1/2" ck. w/400lb back Press  
Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 2500 psig

**EMPLOYEES**

Harlan Payton \_\_\_\_\_, Driller \_\_\_\_\_ Tom Cunningham \_\_\_\_\_, Driller  
Bill Mead \_\_\_\_\_, Driller \_\_\_\_\_ S.W. Hanson \_\_\_\_\_, Driller

**FORMATION RECORD**

FROM—	TO—	TOTAL FEET	FORMATION
Surface	1420	1420	Uintah Formation Green River Formation Wasatch
1420	4706	3286	
4706	5655	949	

RECEIVED  
 BR. OF OIL & GAS OPERATIONS  
 AUG 31 1961  
 U. S. GEOLOGICAL SURVEY  
 SALT LAKE CITY, UTAH

*RES*

		25	
X			

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office **Salt Lake City**  
Lease No. **U-01194**  
Unit **Ute Trail Unit**  
**DeKalb, et al # 11**

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.....	X
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)

August 8, 1961

Well No. 11 is located 2120 ft. from  $\begin{matrix} N \\ S \end{matrix}$  line and 1772 ft. from  $\begin{matrix} E \\ W \end{matrix}$  line of sec. 25  
NE SW Section 25      T-9-S, R-21-E      S.L.B.M.  
(¼ Sec. and Sec. No.)      (Twp.)      (Range)      (Meridian)  
Wildcat      Uintah      Utah  
(Field)      (County or Subdivision)      (State or Territory)

The elevation of the derrick floor above sea level is 4951 ft. G.L.

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)

- 8-5-61 Perforated with McCullough Tool Co. Mac Jets 4 per foot Interval 5240-5260, 5265-5280, 5532-5538'.
- 8-6-61 Treated interval with 1,000 gallons MSA 15%, followed with 26 bbls flush with 3 gallons foaming agent. Maximum and breakdown pressure 1325 psi, minimum pressure 750 psi. Open well on 1/2" choke, gauge after 24 hours flow 1,959,000 CPG/d with light spray spent acid water.

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

Company DeKalb Agricultural Assn., Inc.  
Address P. O. Box 523  
Vernal, Utah  
By *J. F. Jeddloch*  
Title Drilling Superintendent

*June*

**OPERATOR:** DeKalb Agricultural Assn., Inc.

**WELL:** No. 11 Ute Trail Unit

**LEASE:** U-01194

**LOCATION:** NE SW Section 25, T-9-S, R-21-E (SLM)  
Survey 1772' FWL, 2120 FSL Sec. 25  
Uintah County, Utah

**ELEVATION:** 4951 G.L. 4961 K.B.

**COMMENCED:** July 8, 1961 2:00 P.M.

**SET SURFACE:** July 10, 1961 5:00 A.M.

**SET INTERMEDIATE:** July 17, 1961 4:00 A.M.

**REACHED TOTAL DEPTH:** July 29, 1961

**SET PRODUCTION CSG:** July 30, 1961

**COMPLETED:** August 29, 1961

**TOTAL DEPTH:** 5655' Driller

**PRODUCTION:** 5-1/2", 15.50#, J-55, ST&C casing set at 5640' K.B. with 400 sacks 50% poz-mix 50% Regular cement plus 4% Gel and .25% Jel-flake lost circulation material.

**B.T.U.** 1117 Specific Gravity: .638

**CASING:**  
Surface: 13-3/8", 48#, R-40 csg set at 168' K.B. with 175 sacks.  
Intermediate: 8-5/8", 32#, J-55 csg set at 2000' K.B. with 200 sacks.  
Production: 5-1/2", 15.50#, J-55 csg. set at 5640' K.B. with 400 sacks 50-50 poz-mix, plus 4% gel and 25% Jel flake.

**PERFORATIONS:** 5240 to 5260', 5265 to 5280' and 5532 to 5538' with 4 McCullough 2-1/16", 20 gram jets per foot.

**PRODUCTION:** 4,456 MCFGD through 1/2" choke with 400 psi back pressure. CAOP 8,000 MCFGD

**HOLE SIZE:** 17-3/4" hole from surface to 171 feet.  
11" hole from 171 to 2000 feet.  
7-7/8" hole from 2000 to 5655 feet.

**CONTRACTOR:** Calvert Exploration Drilling Company

**TYPE RIG:** IDECO Hydro - 525

**FORMATION TOPS FROM  
ELECTRIC LOGS:** Spudded in Uinta Formation  
Green River  
Green River Marker  
Wasatch  
Total Depth

**LOGS:** Schlumberger: Induction Electric 1995 to 5625'  
Sonic 4130 to 4270, 5160 to 5300,  
5490 to 5590'  
McCullough: Gamma-Ray Neutron Cement Log  
3800 to 5594'  
Lithologic drilling time log: 168 to 5655'.

**DRILLING TIME:** One foot drilling time was maintained by use of a Geolograph Recorder.

**FORMATION TOPS:** Spud in Uintah Formation  
Green River 1423'  
Wasatch 4706'  
Total Depth 5655'

**CORES:** None

**DRILL STEM TESTS:** None

**MUD PROGRAM:** Drilled with gas to 600 feet, where a small amount of formation water was encountered. At 600 feet converted to gasiated water and drilled to 2000 feet. Dusted with gas from 2000 feet to 2340 feet where a 1 inch stream of water was encountered. Drilled from 2340 to 5629 feet with gasiated water. Stuck drill pipe on trip into hole with new bit at 5629' necessitating mudding up. Drill from 5529 to 5655' with a low solids mud. If mud weight over 9.5 pounds lost circulation occurs if less than 9.4 pounds gas blows out.

**LOST CIRCULATION  
ZONE:**

Lost a small amount of water through the 1600 to 1800 foot interval.

**WATER FLOWS:**

Encountered water at approximately 600 feet, volume too small to measure. At 2340 feet encountered 1" stream of water. Various sands between 2340 and 3700 feet flowing between 70 to 80 barrels of water per hour while drilling with gas.

**OIL & GAS SHOWS:**

Scattered oil staining was noted in the samples through the Green River brown shale section. A show of gas occurred at 4210 to 4225 feet, initially with a strong blow diminishing to no blow. A good drilling break was encountered from 5232 to 5287 feet and was tested by shutting off the drilling gas and rig pump. Variable and sporadic heads of gas and water kicked out for 35 minutes. A small increase in gas was noted after encountering a drilling break from 5534 to 5544 feet. No sands or shows were observed below this depth.

**COMPLETION PRO-  
CEDURE:**

Spotted 1000 gallons M&A Acid with additive of foaming agent through zone to be perforated. Perforated: 5240 to 5260, 5265 to 5280' and 5532 to 5538' with 4 McCullough 2-1/16", 20 gram capsule link jets per foot. Well pressured up after perforating 5532 to 5538 feet. Thirty minutes after completing perforating tubing pressure built to 550 psig. After perforating displaced acid into formation. Pumped 12 barrels in 25 minutes with a maximum pressure of 1800 psi and minimum pressure of 800 psi. Pumped in 12 barrels in 28 minutes with maximum pressure 1325 psi and minimum pressure 725 psi. Opened well 30 minutes after acidizing on 1/2" choke. Gauge after 15 hours 1,959 MCFGD.

Treated perforated intervals 5240 to 5260', 5265 to 5280' and 5532 to 5538' with 20,800 gallons treated fresh water, 16,800 pounds 20-40 sand, 700 pounds 20-30 walnut hulls. Breakdown pressure 1500 psi. Treating pressure 2100 psi to 3000 psi. Average injection rate 30.6 barrels per minute. Flushed with 4900 gallons. Treated in three stages: 1st stage 25 RCN balls; 2nd stage 75 RCN balls. Used 2-1/2 gallons foaming agent per 1000 gallons water.

BIP RECORD NO. 11

NO.	SIZE	MAKE	TYPE	DEPTH		FEET	HOURS
				FROM	TO		
1	13-3/4"	SMITH	Rerun	0	171	171	9-1/2
2	13-3/4"	REED	Rerun	0	171	171	5-3/4
3	11"	HTC	W7	171	1350	1179	26-3/4
4	11"	HTC	W7R	1350	1505	155	11-1/4
5	11"	HTC	W7R	1505	1561	56	9-1/4
6	11"	HTC	W7	1561	1780	219	21-3/4
7	11"	REED	YM	1780	1935	155	9
7A	11"	Rerun	OW	1935	2000	65	5-1/4
8	7-7/8"	HTC	W7R2	2000	2811	811	22-1/2
9	7-7/8"	HTC	W7R2	2811	3344	533	17-1/4
10	7-7/8"	HTC	W7R2	3344	3654	310	15-1/4
11	7-7/8"	HTC	W7	3654	4244	590	17-3/4
12	7-7/8"	HTC	W7	4244	4697	453	13
13	7-7/8"	HTC	W7	4697	5033	337	15-1/4
14	7-7/8"	HTC	W7	5033	5629	596	22-1/4
15	7-7/8"	HTC	W7R2	5629	5655	26	4-3/4

✓ DEVIATION SURVEY

2500' - 1-3/4°

- 800-860 Shale gray, green-gray, olive green, green, firm, blocky with scattered very silty and very sandy streaks micro-micaceous, trace pyrite.
- 860-900 Shale as above with considerable sandstone, light gray, medium to coarse grained, argillaceous calcareous.
- 900-930 Shale gray, gray-green, very light purple-gray, green, firm, blocky with interbedded siltstone, sandstone, light gray, light pink-gray, lavender, white, very fine to medium to coarse grained, poorly sorted argillaceous, calcareous, slightly micro-micaceous, trace limestone, light yellow-tan, den argillaceous.
- 930-970 Shale gray, gray-green, firm, blocky with interbedded siltstone, sandstone very fine to fine grained argillaceous, micaceous.
- 970-1000 Shale gray, gray-green, trace lavender, lavender gray, firm, blocky micaceous silty with interbedded sandstone, siltstone, stringers.
- 1000-1020 Shale light gray, gray, light olive-gray, firm, blocky with very silty and very sandy inclusions with mica and pyrite.
- 1020-1050 Siltstone, sandstone, very light tan-gray, medium coarse grained, angular to sub-angular, quartz grains, micaceous, slightly calcareous argillaceous, with interbedded thin shaly inclusions, lavender, green, gray.
- 1050-1100 Shale light gray, gray, olive gray, firm, blocky, slightly micro-micaceous, with scattered silty inclusions.
- 1100-80 Interbedded shale light gray, gray-green, gray-tan, firm, blocky and sandstone, siltstone, light gray trace very light tan, den limestone, slightly argillaceous very scattered trace brown oil stain.
- 1180-1200 Sandstone white, very light gray-tan, fine to medium grained, calcareous very slightly micro-micaceous, with interbedded, very light gray tan, blocky calcareous shale.
- 1200-1300 Interbedded shale tan, very light gray-tan, green-tan, very calcareous, firm, blocky and sandstone, light gray, fine to medium grained, calcareous micro-micaceous, trace pyrite.
- 1300-1400 Sandstone white, very light tan, white, very fine to fine grained, calcareous, micro-micaceous, with very scattered trace tan calcareous shale.
- 1400-1450 Interbedded sandstone, white, very light tan, white, fine to medium grained, calcareous, micaceous, and shale tan, gray-tan firm, blocky, micaceous, trace brown to black carbonaceous, flecks, trace argillaceous gilsonite musty odor.

- 1450-1460 siltstone, very light gray-tan, tan, argillaceous, micro-micaceous, trace micro-carbonaceous flecks, musty odor.
- 1460-1500 Shale tan to very light brown, very dolomitic, firm, blocky micro-micaceous, trace very silty tan shale musty odor.
- 1500-1550 Shale, brown, gray-brown, gray-tan, very dolomitic, firm, blocky, trace dolomite tan to brown, brown whic, micro-xln argillaceous, micro-mica, trace pyrite, trace nahcolite.
- 1550-1600 Shale as above with fair trace siltstone inclusions, trace calcite, trace pyrite, nahcolite.
- 1600-1620 siltstone, very light tan, dolomitic, with shale, tan to brown, very dolomitic firm, blocky trace tarry brown oil globules, trace pyrite, nahcolite, musty odor.
- 1620-1700 Shale, tan, brown, gray-brown, very dolomitic, firm to blocky, with occasional trace tarry brown oil, trace pyrite, nahcolite, musty odor.
- 1700-1800 Shale, tan, gray-tan, gray-brown, brown, dolomite, firm, sub-waxy, trace pyrite, micro-mica, musty odor, very widely scattered trace oil stained siltstone.
- 1800-1900 Shale, tan, gray-tan, gray-brpwn, scattered trace very dark brown, very dolomitic, firm, blocky trace pyrite, micro-mica musty odor, trace laminated very light tan, tan dolomite shale.
- 1900-2000 Shale, tan, gray-tan, gray-brown, trace brown, very dolomitic, firm, blocky, slightly micro-micaceous trace pyrite, musty odor, very scattered soft pliable streaks fairly well stained.
- 2000-2100 Shale, gray-brown, very light to dark brown, very dolomitic, firm, blocky, very musty odor.
- 2100-2200 Shale gray-brown, very light to very dark brown, very dolomitic, very firm, blocky, very musty odor.
- 2200-2300 Shale gray-brown, very light to dark brown, very dolomitic, very firm, blocky, musty odor.
- 2300-2400 Shale gray-brown, very light to dark brown, very dolomitic, very firm, blocky, musty odor.
- 2400-2500 Shale as above.
- 2500-2520 Shale, tan, cream-tan, limy, firm, blocky, with limestone cream tan den tite, trace gray calcareous shale.
- 2520-2570 Limestone light tan, tan den tite with silty streaks.
- 2570-2600 Limestone as above with interbedded tan to brown dolomitic shale.
- 2600-2670 Shale light tan, tan, brown, calcareous with silty streaks, musty odor.
- 2670-2680 Shale very light tan, with light buff, very limy trace argillaceous buff limestone.
- 2680-2690 Shale tan to brown, firm, blocky dolomitic with good trace interbedded buff den argillaceous limestone trace pyrite.
- 2690-2700 Limestone, tan, gray-tan, buff, den blocky argillaceous micro-micaceous, trace gray-brown, dolomitic shale.

- 2700-2710 Interbedded limestone gray-tan, buff, light gray, firm blocky argillaceous and shale, light gray, gray-tan, dolomite to limy.
- 2710-2770 Shale gray-tan, tan brown-gray, firm, blocky, limy, with trace interbedded limestone tan, gray-tan den tite.
- 2770-2790 Shale dark-brown, gray-brown, tan, buff, firm, blocky, dolomite trace tuff, trace white chert, porcellinite
- 2790-2800 Shale brown, gray-brown, tan, firm-blocky, dolomitic with interbedded limestone, cream-tan, buff-tan, micro crypto min, slightly oolitic.
- 2800-2820 Shale light to medium gray, gray-green, very firm blocky, calcareous with silty streaks micro-micaceous, interbedded sandstone, white, very fine to fine grained, calcareous slightly pyritic, micro-micaceous, very firm tite.
- 2820-2850 Sandstone as above with trace poor porosity, trace interbedded gray shale.
- 2850-2870 Interbedded sandstone and shale as above with increase in shale.
- 2870-2900 Shale gray-brown, gray-tan, gray-green, gray, firm, blocky micro-micaceous, calcareous with scattered silty and sandy streaks, trace pyrite.
- 2900-2910 Shale gray, green-gray, tan-gray, firm, blocky, calcareous micro-micaceous with silty and sandy inclusions trace pyrite.
- 2910-2980 Shale brown, dolomite, firm, blocky, with good trace limestone cream-tan, tan, den slightly argillaceous, trace pyrite.
- 2980-3000 Limestone very light cream-tan, tan, crypto to micro-xln, slightly oolitic, ostracodal with interbedded very fine grained, white calcareous sandstone, trace very light green shale.
- 3000-3010 Limestone cream-tan, tan, crypto to micro-xln, ostracodal firm, tite with interbedded stringers of sandstone very light gray, white very fine grained, calcareous trace light green shale and dark brown shale.
- 3010-3050 Shale gray-tan, gray, very light gray, very calcareous firm, blocky, trace micro mica, with trace limy tan streaks.
- 3050-3090 Limestone cream-tan, very light tan, crypto to micro-xln, firm, tite with trace gray-green, to gray-tan, calcareous firm, shale trace medium grained quartz grains.
- 3090-3100 Shale gray-green, gray-tan, firm, blocky calcareous slightly micro-micaceous with scattered silty streaks, trace limestone as above.
- 3100-50 Limestone white, buff-white, cream-white, crypto micro-xln, fragment firm tite trace gray-green, gray-tan shale.
- 3150-3200 Limestone as above with fair trace gray-green, calcareous, shale trace sandy streaks.
- 3200-80 Limestone cream-tan, buff-tan, crypto, to micro-xln, fragment firm tite, trace ostracodal, oolites, with silty and sandy inclusions trace shale gray-green, calcareous.
- 3280-3290 Limestone and shale as above with good trace siltstone, very fine grained, sandstone.
- 3290-3300 Siltstone, sandstone, white, very light tan-white, very fine grained, calcareous, micro-micaceous.

- 3300-3320 Siltstone, sandstone white, very fine grained, calcareous, micro-micaceous, with limy inclusions, trace gray, cream-micro-collites, ostracoda, trace gray-green shale, trace cream-tan, den. limestone.
- 3320-3400 Shale, gray, gray-green, firm, blocky, calcareous, micro micaceous, with interbedded, siltstone and sandstone, streaks, calcareous micro-micaceous, very firm, tite, slightly argillaceous.
- 3400-3450 Shale, light to medium gray, gray-green, calcareous, micro micaceous, very firm, blocky with scattered silty and sandy inclusions, scattered limy streaks.
- 3430-3470 Shale, light to dark gray-brown, tan, gray, sub-waxy lustre, calcareous fissile with limy inclusions trace amber, limestone, trace ostracodal.
- 3470-3500 Shale, light gray, gray, tan-gray, sub-waxy lustre, calcareous sub-fissile, slightly micro-micaceous.

- 3500-3520 Siltstone, sandstone, very light gray, very light gray-white, very fine grained, calcareous with interbedded cream, cream-tan, den limestone trace brown, very dolomitic oil shale, trace gray-green, very light gray, firm shale, trace ostracoda
- 3520-50 Siltstone, sandstone, very light gray, white, very fine to fine grained, calcareous, slightly micaceous, trace pyrite.
- 3550-3560 Shale light to medium gray, firm, blocky slightly calcareous, fair trace limestone cream-tan, light tan, crypto to micro xln, very ostracodal, firm tite, trace siltstone sandstone.
- 3560-3580 Shale light to medium gray, firm, blocky to sub-fissile, trace micro-mica very scattered trace silty inclusions, trace very ostracodal streaks.
- 3580-3600 Missing.
- 3600-3700 Shale light gray, gray, sub-fissile to blocky, calcareous, sub-waxy with scattered interbedded sandy and silty streaks, slightly micaceous calcareous trace pyrite.
- 3700-3710 Shale light gray, gray, gray-green, sub-fissile to blocky, calcareous, sub-waxy, slightly micro-micaceous, with scattered interbedded silty and sandy streaks.
- 3710-3730 Shale, gray-tan, gray-brown, brown, blocky, firm, very dolomitic, waxy, slightly mica-micaceous trace pyrite trace limestone cream, cream-tan, den.
- 3730-3740 Shale light gray, gray, light green-gray, gray-brown, sub-fissile to blocky, calcareous slight trace micro-micaceous, trace silty and sandy inclusions, trace pyrite.
- 3740-3760 Sandstone white, very light gray, very fine to fine grained, calcareous micaceous, firm to friable trace shale as above.
- 3760-3800 Shale gray, dark gray, gray-brown, firm, blocky, calcareous, slightly micro-micaceous, trace siltstone, and sandstone as above.
- 3800-3900 Shale gray dark gray, gray-tan, tan, firm, blocky calcareous, slightly micro micaceous, with interbedded siltstone, and sandstone, light gray, very fine grained, calcareous, micaceous, slightly argillaceous moderate trace limestone, very light gray-tan, den.
- 3900-3940 Shale light gray, gray, very light tan, gray-brown, firm, blocky, calcareous sub-waxy lustre, with trace very limy streaks, very light gray-tan den, tite, slightly micro-micaceous.
- 3940-4000 Shale, gray, light gray, firm, blocky, calcareous, slightly micro-micaceous, trace pyrite.
- 4000-4010 Shale gray, light gray, gray-tan, gray-brown, firm, blocky, calcareous, sub-waxy.
- 4010-4030 Shale, gray-brown, brown, very dolomitic, firm, blocky.
- 4030-4080 Shale, gray, light gray, gray-tan, trace brown, calcareous to very dolomitic, firm, blocky.
- 4080-4100 Shale light to medium gray, firm, blocky, very limy to calcareous.

- 4100-4150 Shale, light to medium gray, very light gray-tan, firm, blocky, calcareous slightly micro-mica, with scattered silty streaks.
- 4150-4200 Shale light to dark brown, tan, fissile, soft, pliable, dolomite, sub-waxy lustre.
- 4200-4230 Shale light to dark brown, tan, fissile, soft, elastic, dolomite, sub-waxy lustre.
- 4230-70 Shale very light gray, gray, very light gray-green, very light gray-tan, tan, sub-fissile, sub-waxy, calcareous very, scattered silty and sandy inclusions.
- 4270-90 Shale as above with increase in brown to tan, dolomite, shale.
- 4290-4300 Shale as above with increase in brown to tan, dolomite, shale, trace tan, den, argillaceous dolomitic.
- 4300-4340 Shale gray, gray-brown, brown, firm, blocky, sub-waxy, calcareous, trace tan, micro-xln, ostracodal limestone, very scattered trace pyrite.
- 4340-4360 Shale gray-green, gray, sub-waxy, calcareous, firm, blocky, with interbedded sandstone white, fine to medium grained, calcareous, firm, tite micro-micaceous.
- 4360-4390 Shale as above with increase in sand, trace poor porosity, trace buff den limestone.
- 4390-4400 Shale gray-green, gray, gray-brown, sub-waxy, calcareous with trace irredescent fossil, shell fragment, trace ostracoda.
- 4400-4410 Shale gray-green, gray, gray-brown, brown, sub-waxy, calcareous, firm splintery to blocky scattered trace brown, den limestone, trace ostracoda.
- 4410-4430 Shale gray-green, sub-waxy, calcareous firm, fissile.
- 4430-4480 Shale as above with interbedded sandstone, white, very fine grained, very calcareous, micro-micaceous, occasional trace pyrite, very scattered, trace gray-brown, sub-waxy, calcareous, shale very weak trace brown to amber limestone.
- 4480-4500 Shale as above with fair trace sandstone, white, fine to medium grained, calcareous fair sorting trace poor porosity.
- 4500-4560 Shale gray-green, gray-brown, gray, sub-waxy, calcareous firm, sub-splintery trace irredescent fossil shell fragment, trace sandstone white, very fine to fine grained, calcareous, slightly micro-micaceous, very scattered spotty brown oil stain.
- 4560-4590 Shale as above with scattered sandy streaks, trace limestone, tan to brown, ostracodal, den tite.
- 4590-4600 Shale, gray-green, sub-waxy, calcareous firm.
- 4600-4610 Shale as above with very scattered trace sandstone white, very light tan-white, very fine to fine grained, calcareous, hard tite, trace ostracodal, tan limestone.

- 4610-4640 Limestone, tan, gray-tan, very light gray-brown, crypto to micro-xln, ostracodal, very hard tite, trace gray-tan, to brown, calcareous, shale, trace fossil fragment, very weak petroliferous odor.
- 4640-4650 Limestone, very light tan, tan, cream-tan, very light brown, crypto to micro-xln, trace oolitic and fragment streaks, den tite weak trace brown oil stain, trace interbedded tan, to brown, gray-brown, sub-waxy shale, trace amber chert.
- 4650-4660 Limestone, dolomite limestone, light to very dark tan, brown, crypto to micro-xln, micro-fragment and fossil with very scattered trace silic brown and white limestone trace very dark amber to brown chert weak trace ostracoda, trace brown, dolomitic shale.
- 4660-4675 Limestone as above with fair trace shale, gray, gray-green, gray-brown, brown, firm, blocky calcareous, sub-waxy trace brown very argillaceous dolomitic limestone, trace calcite, trace irredescent fossil shell fragment.
- 4675-4685 Shale, brown, gray-brown, gray, calcareous firm, trace argillaceous brown dolomitic limestone, trace amber chert, trace brown oil stain, trace white irredescent fossil shell fragment trace ostracoda, trace oolites.
- 4685-4700 Shale brown gray-brown, gray, slightly green-gray, calcareous, blocky, trace limy streaks, very scattered brown oil stain.
- 4700-4705 Shale, gray dark gray-green, gray-brown, brown, calcareous, blocky, sub-waxy, trace limestone tan, ostracodal.
- 4705-4710 Limestone, tan, gray-tan, micro-xln, ostracodal, very slightly oolitic, fair trace gray-green, shale.
- 4710-4715 Limestone as above with good trace shale gray, green-gray, gray-brown, calcareous, blocky.
- 4715-4725 Limestone, light to dark tan, light brown, micro to crypto xln, with ostracodal streaks den tite, weak trace silic streaks, occasional scattered trace brown oil stain very weak trace pyrite.
- 4725-4730 Limestone as above with fair trace green, sub-waxy shale, trace gray-brown, brown, calcareous shale.
- 4730-4740 Shale green, gray-green, very light gray, blocky, sub-waxy calcareous, trace silty streaks, weak trace limestone weak trace pyrite.
- 4740-4745 Shale as above becoming very silty and sandy, fair trace pyrite.
- 4745-4750 Siltstone, sandstone light gray, light green-gray, fine to medium graine, slightly calcareous, argillaceous, trace pyrite.
- 4750-4760 Sandstone, white, very light green-white, very light gray very fine to medium grained, slightly kaolinitic, slightly calcareous, slightly multi-colored quartz grains, trace pyrite, clusters hard tite, trace interbedded green, gray-green, sub-waxy shale.
- 4760-4780 Shale varicolored, predominate, rusty-red, gray-greens, fair trace sandstone as above.

- 4780-4800 Shale gray-green, light gray, firm, blocky, with interbedded siltstone, and sandstone, light gray, light gray-green, slightly kaolinitic, slightly calcareous slightly micaceous, firm tite, trace red brown shale, considerable cavings, limestone.
- 4800-4830 Shale medium gray, green-gray, with trace dark purple-gray, red-gray, firm blocky, trace sandstone very light green-white, fine to medium grained, angular to rounded clear frosted and varicolored quartz grains, trace gray to black chert grains, trace brite green accessory mineral, slightly kaolinitic slightly calcareous, trace pyrite.
- 4830-4860 Shale purple, lavender, gray-lavendar, gray, green-gray, gray-red, rusty red, yellow red, metabentonite, very silty with sandy streaks, slightly micro-micaceous.
- 4860-4890 Siltstone, sandstone very light green-white, white, fine to medium grained, angular to rounded clear frsoted and vari-colored quartz grains trace gray to black chert grains trace chlorite mica, slightly kaolinitic, calcareous, firm tite fair trace varicolored shale as above.
- 4890-4900 Shale varicolored, meta-bentonite, firm, blocky with scattered silty streaks.
- 4900-4940 Shale gray-green, gray olive-gray, gray red, rusty-red, purple-red, yellow-red, meta bentonite with silty streaks firm, blocky, trace white, succrosic gypsum.
- 4940-4970 Siltstone, sandstone, light green-white, white, fine to medium grained, angular to rounded clear frosted, trace varicolored quartz grains, trace micaceous, slightly calcareous, kaolinitic, hard, tite trace varicolored shale.
- 4970-5000 Siltstone and sandstone as above with fair trace varicolored shale.
- 5000-5040 Shale predominate gray-green very light to very dark gray, waxy, meta-bentonite, firm, with fair trace rusyt red, purple-red, red-brown, yellow-red, green-red, meta bentonite shale scattered silty inclusions, scattered occasions trace gypsum.
- 5040-5050 Shale as above with trace siltstone, sandstone, very light gray-white, fine to medium grained.
- 5050-5100 Shale, rusty-red, red-purple, yellow-red, green-red, green, gray-green, gray, meta-bentonite, sub-waxy, very slightly calcareous, firm, blocky with scattered trace silty and sandy inclusions trace gypsum, trace varicolored limestone, nodules.
- 5100-5150 Shale, rusty-red, purple-red, yellow-red, gray-red, green-red, gray-green, very dark gray matrix, bentonite, sub-waxy, slightly calcareous firm, blocky, with very scatteded, silty and sandy streaks, scattered varicolored limestone nodules.

- 5150-5160 Shale as above with fair trace sand grains, trace white fine to medium grained, sandstone.
- 5160-5190 Shale as above trace siltstone and sandstone.
- 5190-5200 Shale as above with fair trace silty streaks.
- 5200-5210 Shale, predominate rusty-red, with trace purple-red, yellow-red, red-green, gray-green, gray, meta-bentonite, sub-waxy, very slightly calcareous, firm, blocky with fair trace silty inclusions, scattered trace coarse quartz and varicolored chert greens.
- 5210-5220 Shale as above very silty and sandy shale.
- 5220-5240 Sandstone, very light red-purple, medium grained, angular to rounded, clear frosted and varicolored quartz grains with trace varicolored chert grains, with fair trace light purple red, silty shale, very poor porosity if any.
- 5240-5270 Sand, varicolored quartz and chert grains, fine to medium grained, angular to rounded, with trace rusty-red, purple-red, light green, gray, shale trace pyrite.
- 5270-5300 Sand, predominate white, clear frosted quartz grains, with trace light pink and orange, amber greens, with trace black, gray, yellow-tan, chert grains, trace light green accessory mineral, medium grained, with occasional fine to coarse grain, angular to rounded weak trace shale.
- 5300-5310 Sand as above with fair trace varicolored, meta-bentonite sub-waxy shale.
- 5310-5390 Shale, gray-green, green, gray-gray-red, red-purple, rusty-red, yellow-red, sub-waxy lustre, meta-bentonite, firm, blocky, with scattered silty inclusions, occasional scattered trace gypsum white, micro-xln.
- 5390-5400 Shale as above with fair trace sand, very fine to medium grained, angular to rounded, varicolored quartz and chert grains.
- 5400-5430 Sand, very fine to medium grained, angular to rounded, clear frosted, white and varicolored quartz grains, gray to black chert grains, trace varicolored shale.
- 5430-5460 Shale, green, gray-green, gray, dark gray, red-purple, rusty-red, lavender, yellow-red, sub-waxy meta-bentonite, firm, blocky, with scattered silty inclusions, trace limestone nodules.
- 5460-5470 Shale as above with trace interbedded shale.
- 5470-5490 Shale as above.
- 5490-5500 Shale as above with trace sand.
- 5500-5510 Shale, rusty-red, purple-red, yellow-red, gray-red, gray-green, green, meta-bentonite, sub-waxy, firm, blocky with fair trace sand, very fine to medium grained to rounded, varicolored grains, trace gypsum trace varicolored limestone nodules.

- 5510-5520 shale as above with scattered silty inclusions, trace limestone nodules, gypsum.
- 5520-5540 Shale as above with scattered silty inclusions fair trace sand, trace gypsum.
- 5540-5580 Sand, very fine to medium grained, varicolored quartz grains, angular to rounded, with fair trace shale.
- 5580-5600 Shale varicolored.
- 5600-5630 shale varicolored, meta-bentonite, firm, blocky, with trace sand.

T.D. 5629' Driller

BUILD UP

UTE TRAIL # 11

7-24-62 Ran two hour flowing test with Northern Petroleum Engineering Co. Amerada Bomb, with 1st hour shut in. Shown below is the dead weight surface pressures.

ISITP 2000 psig      ISIBHP 2284 PSIA @ 5523 K. B.  
 ISICP 2001 psig  
 First Production November 11, 1961  
 Accumulative Gas Production Through

SEVEN DAY BUILD UP

DATE	TIME	SIFT PSIG	SIPC PSIG	REMARKS
7-24-62	3:45 P.M.	723	718	Set Bomb @ 5444 BHT 143° F
7-25-62	9:00 A.M.	772	769	
7-26-62	9:00 A.M.	824	819	
7-27-62	10:00 A.M.	872	865	
7-28-62	10:00 A.M.	912	905	
7-29-62	10:30 A.M.	942	935	
7-30-62	10:30 A.M.	968	960	
7-31-62	10:00 A.M.	994	986	
8- 1-62	9:00 A.M.	1017	1008	

See Northern Petroleum Engineering Company's Report for Bomb Readings

DEKALB AGRICULTURAL ASSOCIATION, INC.

Ute Trail #11, Uintah County, Utah

PRESSURE BUILDUP SURVEY

7/24/62 to 7/31/62

A flowing pressure gradient was run with Amerada RFG 3 pressure gage #17803N (0 to 3500 psi) with a 3 hour clock. The following steps were made:

<u>KB DEPTH</u>	<u>EXTENSION inches</u>	<u>PRESSURE psig</u>	<u>GRADIENT psi/ft</u>
0	.391	679	
1000	.400	695	.016
2000	.409	710	.015
3000	.418	726	.016
4000	.4275	742	.016
4750	.4365	757	.020
5000	.4385	762	.020
5225	.441	766	.020
5444	.458	795	.132

The above gradient shows fluid in the hole from approximately 5300' to bottom. The gage was on bottom at 1:40 PM, 7/24/62.

<u>Time &amp; Date</u>	<u>Hours Flowing</u>	<u>Extension inches</u>	<u>Pressure @ 5444' KB psig</u>
1:40 PM, 7/24/62	0	.458	795
1:50 PM, 7/24/62	1/12	.458	795
	1/6	.458	795

The well was shut in at 1:50 PM, 7/24/62 and the following pressure buildup recorded:

<u>Time &amp; Date</u>	<u>Hours Shut in</u>	<u>Extension inches</u>	<u>Pressure @ 5444' KB psig</u>
1:50 PM, 7/24/62	0	.458	795
	1/4	.459	796
	1/2	.460	797
	3/4	.461	798
	1	.462	799

The gage was pulled at 2:50 PM and rerun with a 180 hour clock. On bottom at 3:50 PM, 7/24/62.

DEKALB AGRICULTURAL ASSN., INC. - Ute Trail #11

PRESSURE RECORDING: cont'd

<u>Time &amp; Date</u>	<u>Hours Shut in</u>	<u>Extension inches</u>	<u>Pressure @ 5445' KB psig</u>
	2	.462	803
	3	.464	807
	4	.467	811
	5	.470	815
	6	.472	819
	7	.473	823
	8	.474	827
	10	.479	833
	12	.483	839
	14	.487	845
	16	.489	851
	20	.497	863
	24	.503	873
	28	.509	883
	32	.514	893
	36	.520	903
	42	.528	917
	48	.536	930
	56	.544	947
	64	.554	963
	72	.563	978
	80	.572	993
	88	.579	1007
	96	.586	1020
	104	.594	1033
	112	.601	1045
	120	.608	1056
	128	.614	1067
	136	.620	1078
	144	.626	1089
	152	.632	1100
	160	.638	1110
	168	.644	1120
	176	.649	1129

Bottom Hole Temperature - 113° F.

p 4

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE \_\_\_\_\_  
LEASE NUMBER \_\_\_\_\_ State \_\_\_\_\_  
UNIT \_\_\_\_\_ Natural Buttes \_\_\_\_\_

## LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Natural Buttes

The following is a correct report of operations and production (including drilling and producing wells) for the month of January, 1973,

Agent's address P. O. Box 1138 Company Gas Producing Enterprises, Inc.

Vernal, Utah 84078

Signed J. A. Bell

Phone 789-4433

Agent's title Area Clerk

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)
NON-PARTICIPATING										
25 NESW	9S	21E	11 <sup>UT</sup>							SI Indefinitely

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

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

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

COLORADO INTERSTATE GAS COMPANY

**ONE-POINT BACK PRESSURE TEST FOR NATURAL GAS WELLS**

COMPANY: <b>GAS PRODUCING ENTERPRISES, INC</b>			LEASE: <b>UTE TRAIL</b>			WELL NUMBER: <b>11</b>			
FIELD: <b>NATURAL BUTTES AREA</b>			PRODUCING FORMATION: <b>WASATCH SA.</b>			COUNTY <b>UINTAH COUNTY</b>			
SECTION: <b>25</b>		TOWNSHIP: <b>9S</b>		RANGE: <b>21E</b>		PIPELINE CONNECTION: <b>COLORADO INTERSTATE GAS COMPANY</b>			
CASING (O.D.): <b>5.500</b>		WT./FT.: <b>15.0</b>		I.D.: <b>4.950</b>		SET AT: <b>5640</b>		PERF.: <b>5260</b>	TO: <b>5538</b>
TUBING (O.D.): <b>2.375</b>		WT./FT.: <b>4.7</b>		I.D.: <b>1.995</b>		SET AT: <b>5114</b>		PERF.:	TO:
PAY FROM:		TO:		L: <b>5505</b>		G(RAW GAS): <b>.603</b>		GL: <b>3319.515</b>	d <sub>e</sub> : <b>1.9950</b>
PRODUCING THRU: <b>TUBING</b>		STATIC COLUMN: <b>NO</b>		PACKER (S) SET @:		G (SEPARATOR): <b>.603</b>		METER RUN SIZE: <b>2.067</b> <small>(FLANGE)</small>	ATTRIBUTABLE ACREAGE:

DATE OF FLOW TEST:		<b>9-18-78</b>		<b>9-21-78</b>		<b>OBSERVED DATA</b>			
ORIFICE SIZE INCHES	METER DIFFERENTIAL RANGE	METER PRESSURE	DIFFERENTIAL ROOTS	FLOWING TEMPERATURE t	CASING WELLHEAD PRESSURE		TUBING WELLHEAD PRESSURE		
					p.s.i.g.	p.s.i.a.	p.s.i.g.	p.s.i.a.	
<b>.500</b>	<b>100</b>	<b>458.0</b>	<b>7.55</b>	<b>67</b>			<b>1271.0</b>	<b>1284.0</b>	

RATE OF FLOW CALCULATIONS									
24 HOUR COEFFICIENT	METER PRESSURE p.s.i.a.	hw	P <sub>m</sub> h <sub>w</sub>	EXTENSION $\sqrt{P_m h_w}$	GRAVITY FACTOR F <sub>g</sub>	FLOWING TEMP. FACTOR F <sub>t</sub>	DEVIATION FACTOR F <sub>pv</sub>	RATE OF FLOW R MCFD	
<b>1219.0</b>	<b>471.0</b>	<b>57.00</b>	<b>26848.413</b>	<b>163.855</b>	<b>1.288</b>	<b>.9933</b>	<b>1.0386</b>	<b>265.40</b>	

DATE OF SHUT-IN TEST:		<b>9-18-78</b>								<b>PRESSURE CALCULATIONS</b>					
SHUT-IN PRESSURE:		CASING: p.s.i.g.		TUBING: p.s.i.g.		BAR. 14.4 p.s.i.		P <sub>c</sub>		p.s.i.a.		P <sub>c</sub> <sup>2</sup>		p.s.i.a.	
		<b>1727.0</b>		<b>13.000</b>				<b>1740.0</b>				<b>3027600.0</b>			
P <sub>w</sub>	p.s.i.a.	P <sub>w</sub> <sup>2</sup>	P <sub>r</sub>	T <sub>r</sub>	Z										
<b>1284.4</b>		<b>1649683.4</b>	<b>2.04</b>	<b>1.54</b>	<b>.837</b>										

POTENTIAL CALCULATIONS									
(1) $\frac{P_c^2 - P_a^2}{P_c^2 - P_w^2} =$ <b>2.1972</b>			(2) $\left[ \frac{P_c^2 - P_a^2}{P_c^2 - P_w^2} \right]^n =$ <b>1.6343</b>				(3) R $\left[ \frac{P_c^2 - P_a^2}{P_c^2 - P_w^2} \right]^n =$ <b>434</b>		

CALCULATED WELLHEAD OPEN FLOW <b>434</b> MCFD @ 14.65		BASIS OF ALLOCATION:		SLOPE n: <b>.624 (Average)</b>	
APPROVED BY COMMISSION:		CONDUCTED BY:		CHECKED BY:	

I, \_\_\_\_\_, BEING FIRST DULY SWORN ON OATH, STATE THAT I AM FAMILIAR WITH FACTS AND FIGURES SET FORTH IN THIS REPORT, AND THAT THE REPORT IS TRUE AND CORRECT.

\_\_\_\_\_  
SIGNATURE AND TITLE OF AFFIANT

\_\_\_\_\_  
COMPANY

SUBSCRIBED AND SWORN TO BEFORE ME THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 19 \_\_\_\_\_

MY COMMISSION EXPIRES \_\_\_\_\_

\_\_\_\_\_  
NOTARY PUBLIC

COLORADO INTERSTATE GAS COMPANY

WELL TEST DATA FORM

STATE COPY

WELL CODE 01-11			FIELD NAME NATURAL BUTTES						OPERATOR CODE 15		OPERATOR NAME EAS PRODUCING ENTERPRISES, INC. BUTTE TRAIL						WELL NAME 11			
WELL CODE 3 94431		SECT. 25		LOCATION TWN/SHR/BLK 2S 21E		RGE/SUR. 21E		PANHANDLE/REDCAVE SEQ. NUMBER 00375		K-FACTOR		FORMATION MESAVER SA		FLOW TEST						

WELL ON (OPEN)												FLOW TEST																	
DATE (COMP.)			ORIFICE SIZE		METER RUN SIZE		COEFFICIENT		GRAVITY (SEP.)		METER DIFF. RANGE		METER PRESSURE		DIFFERENTIAL ROOTS		METER TEMP.		WELL HEAD TEMP.		FLOWING TBG/CSG PRESSURE		STATIC TSG/CSG PRESSURE		FLOWING STRING				
MO.	DAY	YR.	MO.	DAY	YR.	23	27	28	32	33	38	39	42	43	45	46	51	52	55	56	58	59	61	62	67	68	73	74	75
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
09	19	80	09	26	80	00	375	1	939	0	610	1	100	006	460	0	3	60	079			006	430				X		

WELL-OFF (SHUT-IN)			SHUT-IN TEST				SLOPE		EFFECTIVE DIAMETER		EFFECTIVE LENGTH		GRAVITY (RAW GAS)		EST CSG PRESS		EST TBG PRESS		TO THE BEST OF MY KNOWLEDGE THE ABOVE DATA IS CORRECT.												
DATE			PRESSURE TAKEN		DATE		CASING PRESSURE (PSIG)		TUBING PRESSURE (PSIG)																						
MO.	DAY	YR.	MO.	DAY	YR.	23	28	29	34	35	38	39	44	45	49	50	53	54	55												
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	CIG: <u>H. K. Wash</u> OPERATOR: _____ COMMISSION: _____												
09	02	80	09	09	80				01241	0																					

MET STA	94411		00375		REMARKS: THIS WELL HAS A PACKER.											
------------	-------	--	-------	--	----------------------------------	--	--	--	--	--	--	--	--	--	--	--

**COLORADO INTERSTATE GAS COMPANY  
WELL TEST DATA FORM**

**STATE COPY**

FIELD CODE <b>01-11</b>			FIELD NAME <b>NATURAL BUTTES</b>						OPERATOR CODE <b>2915</b>		OPERATOR NAME <b>COASTAL OIL &amp; GAS CORPORATION</b>						WELL NAME <b>UTE TRAIL</b>						<b>11</b>		
WELL CODE <b>94411</b>			SECT. <b>25</b>			LOCATION TWN/SHP/BLK <b>9S 21E</b>			RGE/SUR. <b>21E</b>			PANHANDLE/REDCAVE SEQ. NUMBER			K-FACTOR			FORMATION <b>WASATCH SA FLOW TEST</b>						<b>1</b>	

WELL ON (OPEN)												FLOW TEST																				
DATE (COMP.)						ORIFICE SIZE		METER RUN SIZE		COEFFICIENT		GRAVITY (SEP.)		METER DIFF. RANGE		METER PRESSURE		DIFFERENTIAL ROOTS		METER TEMP.		WELL HEAD TEMP.		FLOWING TBG/CSG PRESSURE		STATIC TSG/CSG PRESSURE		FLOWING TUBING CASING				
MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	

WELL-OFF (SHUT-IN)						SHUT-IN TEST						SLOPE		EFFECTIVE DIAMETER		EFFECTIVE LENGTH		GRAVITY (RAW GAS)		EST CSG PRESS	EST TBG PRESS	TO THE BEST OF MY KNOWLEDGE THE ABOVE DATA IS CORRECT.  CIG: <u>M.C. Kennedy</u> OPERATOR: _____ COMMISSION: _____
PRESSURE TAKEN			DATE			CASING PRESSURE (PSIG)		TUBING PRESSURE (PSIG)														
MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.		
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	

REMARKS:  
*TEMP. DISCONNECT*

COLORADO INTERSTATE GAS COMPANY

WELL TEST DATA FORM

STATE COPY

FIELD CODE 77-0-111	FIELD NAME NATURAL BUTTE AREA	OPERATOR CODE 2315	OPERATOR NAME GAS PRODUCING ENTERPRISES, INC DTE TRAIL	WELL NAME 11
WELL CODE 7	LOCATION SECT. TWN/SH/BLK RGE/SUR. 11 25 43 21R	PANHANDLE/REDCAVE SEQ. NUMBER 0075	K-FACTOR 2.17	FORMATION WASATCH SA FLOW TEST

WELL ON (OPEN)																		FLOW TEST																		
DATE (COMP)						ORIFICE SIZE	METER RUN SIZE		COEFFICIENT		GRAVITY (SEP)	METER DIFF RANGE	METER PRESSURE	DIFFERENTIAL ROOTS		METER TEMP.	WELL HEAD TEMP.	FLOWING TBG/CSG PRESSURE	STATIC TSG/CSG PRESSURE	FLOWING STRING																
MO	DAY	YR.	MO	DAY	YR.	SIZE	SIZE	COEFF	COEFF	GRAV	RANGE	PRESS	ROOTS	ROOTS	TEMP	TEMP	PRESS	PRESS	TUBING	CASING																
11	12	13	14	15	16	17	18	19	20	21	22	23	27	28	32	33	38	39	42	43	45	46	51	52	55	56	58	59	61	62	67	68	73	74	75	
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
09 28 79						10 11 79		00 750		2.17		0.610	1.00		55	58	58		58		58		58		58		58		58		58		58			

WELL-OFF (SHUT-IN)															SHUT-IN TEST										TO THE BEST OF MY KNOWLEDGE THE ABOVE DATA IS CORRECT.									
PRESSURE TAKEN			DATE			CASING PRESSURE (PSIG)		* TUBING PRESSURE (PSIG)		SLOPE		EFFECTIVE DIAMETER		EFFECTIVE LENGTH		GRAVITY (RAW GAS)		EST CSG PRESS		EST TBG PRESS														
MO.	DAY	YR.	MO.	DAY	YR.	PSIG	PSIG	PSIG	PSIG																									
11-12	13-14	15-18	17-18	19-20	21-22	23	28	29	34	35	38	39	44	45	49	50	53	54	55															
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	E	E															
09 28 79						01005 0		0.24		1.4950		0.550																						

REMARKS: 94411 00750 Casing Full of oil.



# McCullough

SCINTILLOMETER  
NUCLEAR  
CEMENT LOCATION LOG

FILING NO.

COMPANY *DeKalb Agricultural Assoc*

WELL *The Trail Unit # 11*

FIELD *The Trail*

COUNTY *Winters* STATE *Utah*

LOCATION:

*2120's - 1772/w*

SEC. *25* TWP. *9 S.* RGE. *21 E*

LOG MEASURED FROM *GL* ELEV. *4951*

DRILLING MEASURED FROM *KB 10* FT. ABOVE PERMANENT DATUM

DATE *7-31-61*

TYPE LOG *CEMENT*

DEPTH—DRILLER *56.05*

DEPTH—LOGGER *55.94*

BOTTOM LOGGED INTERVAL *55.92*

TOP LOGGED INTERVAL *38.00*

TYPE FLUID IN HOLE *WATER*

SALINITY PPM CL. *FRESH*

DENSITY LB./GAL. *FULL*

LEVEL *FULL*

MAX. REC. TEMP. DEG. F *7 hours*

OPR. RIG TIME *ROBINSON*

RECORDED BY *ROBINSON*

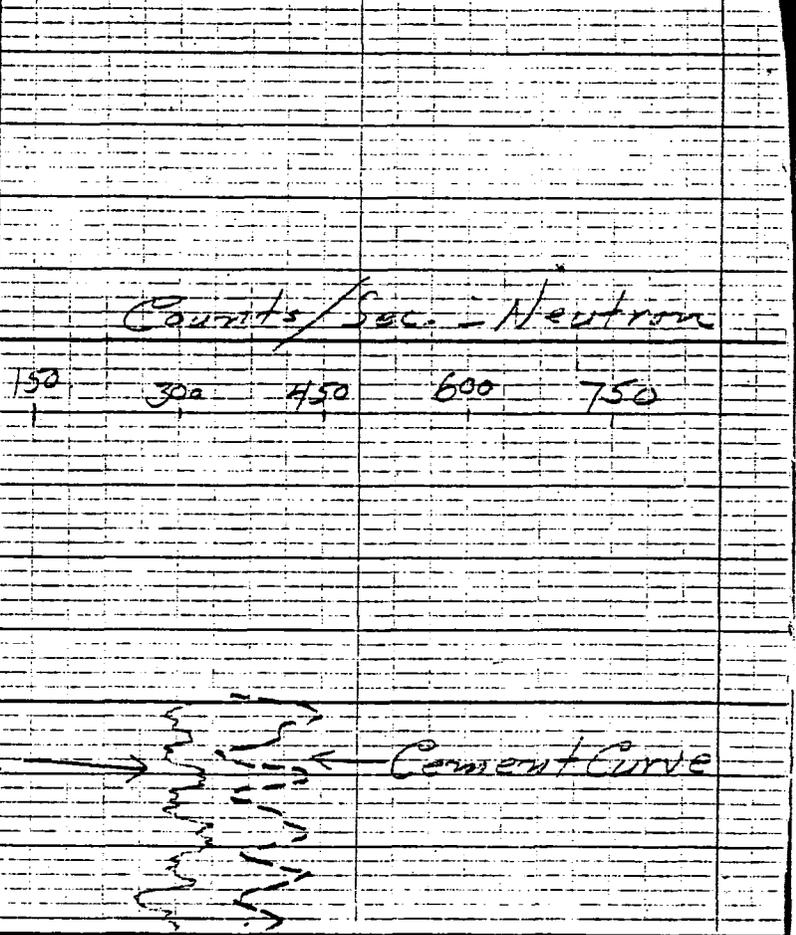
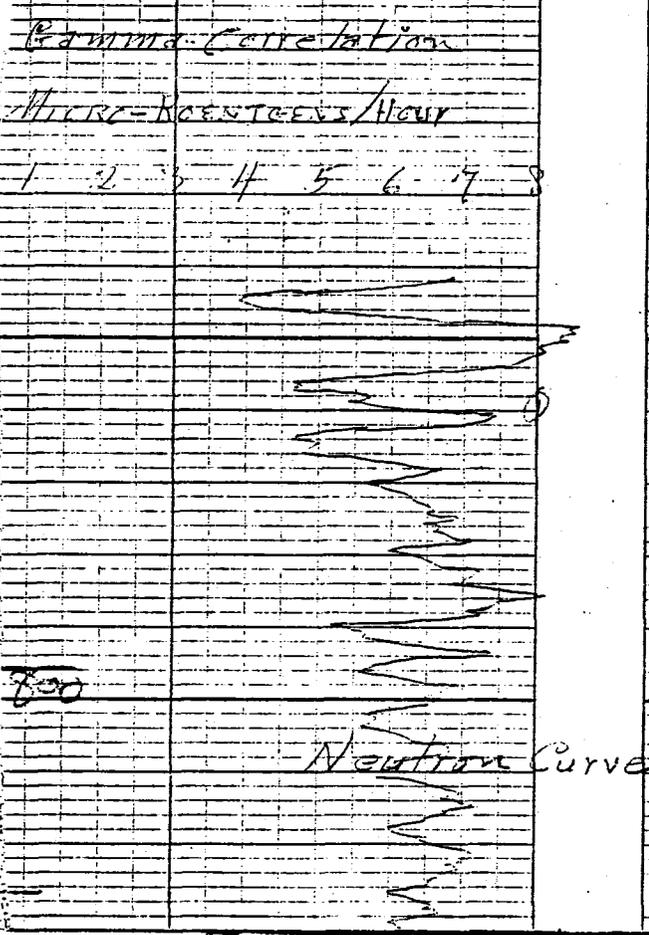
WITNESSED BY *JOHNSON*

OTHER SERVICE

ELEVATIONS  
KB *4961*

DF. *4957*

RUN NO.	BIT	BORE HOLE RECORD		CASING RECORD	
		FROM	TO	FROM	TO
1	17 1/4	0	127	0	167
2	11 1/4	167	2000	0	1993
3	7 1/4	2000	5855	0	5290

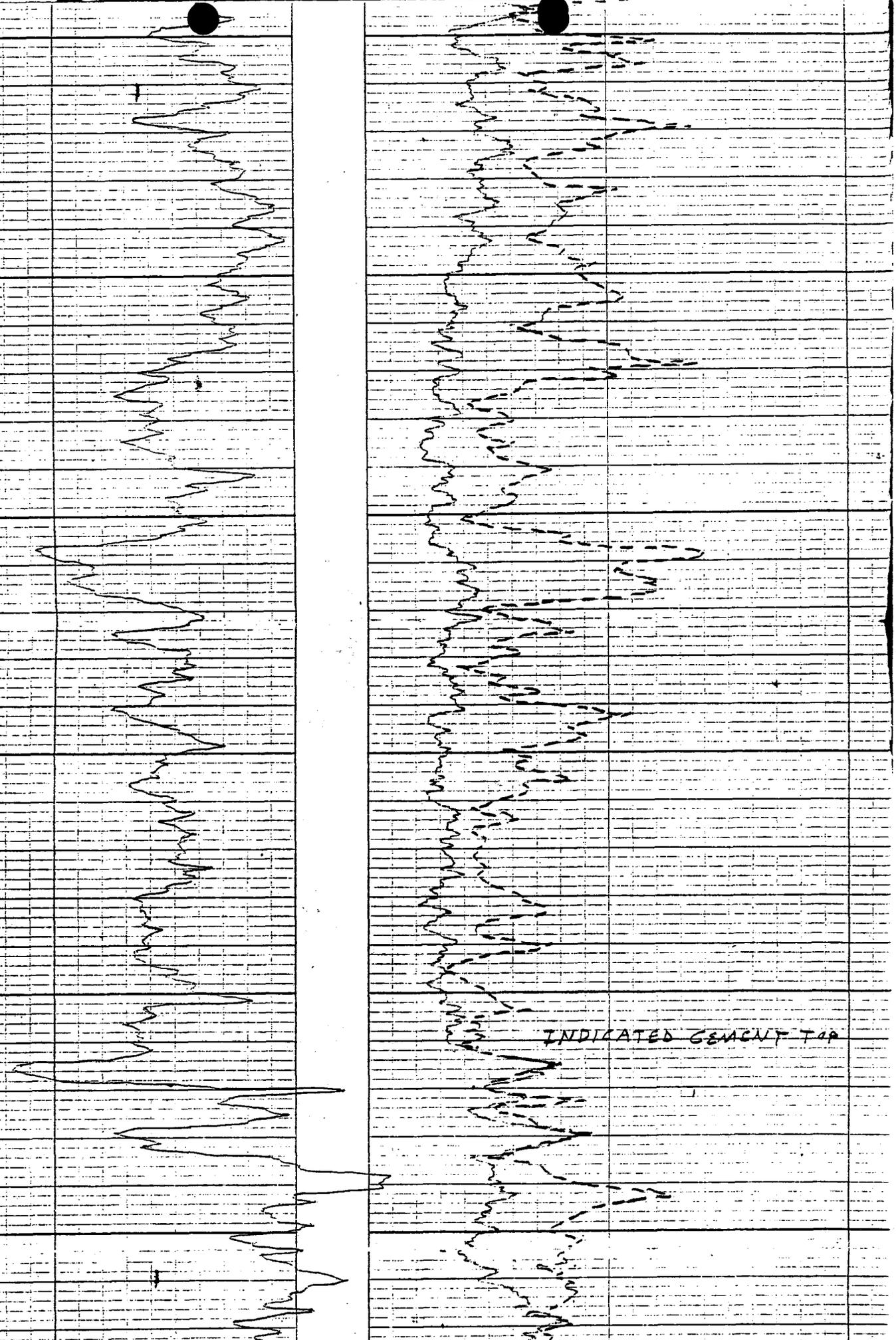


00

200

300

INDICATED GEMENT TAP



PRODUCING STATUS: SI - logged off  
 WELLHEAD WORKING PRESSURE: \_\_\_\_\_

DOWNHOLE SCHEMATIC	
LEASE:	<u>1/4c Trail</u>
WELL #:	<u>11</u>
FIELD:	<u>WBU</u>
LOCATION:	<u>sect. 25-9-21</u>
COUNTY/STATE:	<u>Uintah Utah</u>
TID:	<u>5655</u>
PBTD:	_____
PERFS:	_____
PROD FORM(S):	_____
DATE:	<u>4/24/71</u> BY: <u>WJG</u>

KB ELEVATION: \_\_\_\_\_

FORM. TOPS \_\_\_\_\_

ITEM, QUANTITY, DEPTHS, GRADE, WEIGHT, CPLG, Etc.	O.D.	I.D.
---	------	------

HOLE SIZE: 17 3/4 "

SURFACE CASING:

O.D. 13 3/8", WEIGHT(S) 48 #  
 GRADE(S) 440, CPLG STC  
 SET AT 168' W/ 175 SK

HOLE SIZE: 11 "

TOP GREEN RIVER 1423'

Intermediate - 8 5/8" 32 # J-55  
 Set at 2000' w/ 200 sacks  
 regular cement.

2000'

Hole size 7 7/8 "

TOP OF CEMENT  
4310'  
 TOP OF WASATCH  
4706'

Production casing - 5 1/2" 15.5 #  
 J-55 set at 5640' w/ 400 SK  
 TOC = 4310

Perforations

<u>5240'-60'</u>	<u>4</u> JSPF
<u>5265'-80'</u>	<u>4</u> JSPF
<u>5532'-38'</u>	<u>4</u> JSPF

5240'

TO 5655

Tubing - 5 1/4" 2 7/8" tubing  
 w/otis permalatch packer  
 set in neutral position.  
 Run in 1974.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**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 Form 9-331-C for such proposals.)

1. oil well  gas well  other

2. NAME OF OPERATOR  
COASTAL OIL & GAS CORPORATION

3. ADDRESS OF OPERATOR  
P. O. BOX 749, DENVER, CO 80201

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 2120' FSL & 1772' FWL  
AT TOP PROD. INTERVAL: SAME  
AT TOTAL DEPTH: SAME

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

5. LEASE  
U-01194

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
N/A

7. UNIT AGREEMENT NAME  
N/A

8. FARM OR LEASE NAME  
NATURAL BUTTES

9. WELL NO.  
UTE TRAIL #11

10. FIELD OR WILDCAT NAME  
BITTER CREEK FIELD

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
SECTION 25-T9S-R21E

12. COUNTY OR PARISH  
UINTAH

13. STATE  
UTAH

14. API NO.  
N/A

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
4951' GL 4961' KB

REQUEST FOR APPROVAL TO:                      SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF                      

FRACTURE TREAT                                      

SHOOT OR ACIDIZE                                      

REPAIR WELL    

PULL OR ALTER CASING                                      

MULTIPLE COMPLETE                                      

CHANGE ZONES    

ABANDON\*    

(other) \_\_\_\_\_

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)\*

IT IS PROPOSED TO PLUG AND ABANDON THE ABOVE CAPTIONED WELL AS PER ATTACHED P&A PROCEDURE.

VERBAL APPROVAL FROM ASSAD RAFFOUL OF USGS IN SALT LAKE CITY ON APRIL 26, 1982 @ 3:30 PM.

**APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING**  
DATE: APR 26 1982  
BY: [Signature]

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_

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

SIGNED W.J. Gooden TITLE PRODUCTION ENGINEER DATE APR 26 1982

(This space for Federal or State office use)

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

P&A PROCEDURE

UTE TRAIL #11  
NE SW SECTION 25-T9S-R21E  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH

APRIL 12, 1982

WELL DATA

Location: 2120' FSL & 1772' FWL Section 25-T9S-R21E

Elevation: 4951' GL, 4961' KB

TD: 5655' PBTD:  $\pm$  5590'

Completion Date: August 29, 1961

Last Production: December, 1980

Cumulative Production: Well history incomplete, records indicate 445 MMCF

Perforations: 5240' - 60' 4 JSPF  
5265' - 80' 4 JSPF  
5532' - 38' 4 JSPF

Casing: 13-3/8" set @ 168' w/175 sx - cement circulated.  
8-5/8" set @ 2000' w/200 sx - top of cement unknown.  
5-1/2" set @ 5640' w/400 sx - cement top @ 4310' @ logs.

Casing ID/Capacity: 4.95"/.0238 bbl/ft

Casing Drift Diameter: 4.825"

Tubing: 2-7/8" w/Otis permealatch packer set @ 5114' in neutral position.

Formation Tops: Uintah: Surface  
Green River: 1423'  
Wasatch: 4706'

Attachments: Well Diagram  
Cement top log for 5 1/2" casing.

PROCEDURE

1. Notify USGS in Salt Lake City at least 24 hours prior to commencement of operations.
2. MIRUSU.

P & A PROCEDURE  
UTE TRAIL #11  
NE SW SECTION 25-T9S-R21E  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH  
APRIL 12, 1982  
continued:

3. Kill well w/10 ppg brine or 9.2 ppg drilling mud.
4. ND tree. NU BOP's.
5. POOH and laydown 2-7/8" tbg and packer.
6. TIH to 5600' and displace hole w/9.2 drilling mud.
7. Set 450' plug from 5600' to 5150' across perforations w/55 sx class "G" cement.
8. POOH to 4800' and set 200' plug from 4800' to 4600' across top of Wasatch w/25 sx class "G" cement.
9. POOH, cut casing @ 2000', displace hole w/9.2 ppg drilling mud and pull 5½" casing.
10. TIH to 2000' and set 200' plug from 2000' to 1800' w/60 sx class "G" cement.
11. POOH to 270' and set surface plug from 270' to 3' below surface w/80 sx class "G" cement. TOOH w/tbg.
12. ND BOP's, NU tree and release service unit.
13. Set plug in casing -casing annulus by:  

Setting plug in annulus between 8-5/8" and 13-3/8" casing from 270' to 3' below surface by squeezing w/95 sx class "G" cement.
14. Remove wellhead and cutoff all casing at least 3' below ground. Finish filling casing w/cement and set dry hole marker inside 8-5/8" casing.
15. Clean up and restore location to original grade.
16. Notify USGS to make final inspection.

NOTE: Cement required to P&A = 315 sx class "G" cement. If casing is blocked or collapsed notify Denver office.

PREPARED BY:

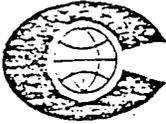
W. J. Gooden  
W. J. GOODEN, PRODUCTION ENGINEER

DATE: 4/26/82

APPROVED BY:

Frank R. Midkiff  
FRANK MIDKIFF, DISTRICT PRODUCTION MANAGER

DATE: 4/28/82



Coastal Oil & Gas Corporation

2100 Prudential Plaza  
Post Office Box 749  
Denver, Colorado 80201  
Phone (303) 572-1121

April 28, 1982

Minerals Management Service  
8440 Federal Building  
125 S. State Street  
Salt Lake City, Utah 84138

Attention: E. W. Guynn

RE: Communitization Agreement  
Sec. 25-T9S-R21E, SLM  
Uintah County, Utah  
Drilling Unit #13

Gentlemen:

The Ute Trail #11 well which is located in the SW/4 of Section 25, Township 9 South, Range 21 East, has not been capable of producing hydrocarbons in paying quantities for approximately sixteen months. We, therefore, request that the Communitization Agreement which was approved on June 30, 1965 for Drilling Unit #13 under Spacing Order #111-1 covering all of Section 25, Township 9 South, Range 21 East be terminated under the terms of such agreement effective with its last recorded production (January, 1981).

Please let us know if any additional information is needed by your office in order to execute this termination.

The leases included in the Communitization Agreement are all committed to the Natural Buttes Unit and their terms are extended by reason of production established within the unit area.

Very truly yours,

A handwritten signature in cursive script that reads "Betty J. Nelson".

Betty J. Nelson  
Exploitation Manager

BJN:kj

cc: Conoco, Inc.  
Mountain Fuel Supply Company  
Belco Petroleum Company  
American Gilsonite Company  
Featherstone Farms, Ltd.  
Olen F. Featherstone, II



Coastal Oil & Gas Corporation

MINERALS MANAGEMENT SERVICE  
OIL & GAS OPERATIONS  
RECEIVED  
May 5 1982  
SALT LAKE CITY, UTAH  
Federal Plaza  
Post Office Box 749  
Denver, Colorado 80201  
Phone (303) 572-1121

April 28, 1982

Minerals Management Service  
8440 Federal Building  
125 S. State Street  
Salt Lake City, Utah 84138

Attention: E. W. Gynn

RE: Communitization Agreement  
Sec. 25-T9S-R21E, SLM  
Uintah County, Utah  
Drilling Unit #13

Gentlemen:

The Ute Trail #11 well which is located in the SW/4 of Section 25, Township 9 South, Range 21 East, has not been capable of producing hydrocarbons in paying quantities for approximately sixteen months. We, therefore, request that the Communitization Agreement which was approved on June 30, 1965 for Drilling Unit #13 under Spacing Order #111-1 covering all of Section 25, Township 9 South, Range 21 East be terminated under the terms of such agreement effective with its last recorded production (January, 1981).

Please let us know if any additional information is needed by your office in order to execute this termination.

The leases included in the Communitization Agreement are all committed to the Natural Buttes Unit and their terms are extended by reason of production established within the unit area.

Very truly yours,

Betty J. Nelson  
Exploitation Manager

BJN:kj

cc: Conoco, Inc.  
Mountain Fuel Supply Company  
Belco Petroleum Company  
American Gilsonite Company  
Featherstone Farms, Ltd.  
Olen F. Featherstone, II

RECEIVED  
MAY 26 1982

DIVISION OF  
OIL, GAS & MINING

*Slide 8 & 6*



# United States Department of the Interior

MINERALS MANAGEMENT SERVICE  
CENTRAL REGION

Oil and Gas Operations  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, Utah 84104-3884

IN REPLY  
REFER TO:

May 25, 1982

Coastal Oil and Gas Corporation  
P.O. Box 749  
Denver, Colorado 80201

Re: Communitization Agreement  
Section 25, T. 9S., R. 21E., SLM  
Drilling Unit No. 13  
Uintah County, Utah

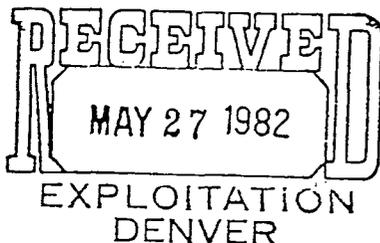
Gentlemen:

This is to acknowledge your letter of April 28, 1982, concerning the referenced. Please be advised that our records reflect section 25 is comprised of State minerals only and no Federal interest is involved. Therefore, we have forwarded your request to the Utah State Division of Oil, Gas and Mining for handling.

If you need further information or explanation, do not hesitate to contact this office. Your cooperation in this matter is appreciated.

Sincerely,

E.W. Guynn  
District Oil and Gas Supervisor



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**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 Form 9-331-C for such proposals.)

1. oil well  gas well  other

2. NAME OF OPERATOR  
COASTAL OIL & GAS CORPORATION

3. ADDRESS OF OPERATOR  
P. O. BOX 749, DENVER, CO 80201

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 2120' FSL & 1772' FWL  
AT TOP PROD. INTERVAL: SAME  
AT TOTAL DEPTH: SAME

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input checked="" type="checkbox"/>
(other) <input type="checkbox"/>	<input type="checkbox"/>

5. LEASE  
U-01194

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
N/A

7. UNIT AGREEMENT NAME  
N/A

8. FARM OR LEASE NAME  
NATURAL BUTTES UNIT

9. WELL NO.  
UTE TRAIL #11

10. FIELD OR WILDCAT NAME  
BITTER CREEK FIELD

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
SECTION 25-T9S-R21E

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

14. API NO.  
NA

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
4951' GL 4961' KB

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)\*

THE SUBJECT WELL WAS P & A'd ON MAY 26, 1982.  
SEE ATTACHED CHRONOLOGICAL

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED W. J. Goden TITLE PRODUCTION ENGINEER DATE JUNE 4, 1982

(This space for Federal or State office use)

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

UTE TRAIL #11  
25-T9S-R21E  
2120' FSL & 1772' FWL  
BITTER CREEK FIELD  
UINTAH COUNTY, UTAH

- 5-15-82 SDFWE.  
Move B & B Well Service from Ute Trail #13 & RU; SDFN.
- 5-16-82 SDFS.  
SDFWE.
- 5-17-82 Prep to pull 2-7/8" tbg & Otis Permalatch pkr.  
SDFS. Cum Csts: \$400.
- 5-18-82 FIH w/tbg to set cmt plugs.  
Road to loc; blw well to pit; ND tree, NU BOP; RU & rel Otis pkr, pull loose w/42,000#; circ hole w/9.5 ppg DM; POH w/2-7/8" tbg - pkr dragging; LD pkr & RIH w/40 jnts 2-3/8" tbg; SDFN. Cum Csts: \$5170.
- 5-19-82 Prep to cut & pull 5 1/2" csg.  
Road to loc; FIH w/2-3/8" tbg, tag PBTB @ 5511'; circ hole w/9.2 ppg mud; set plug #1 f/5510-5060' across perfs w/55 sx cmt; POH 1000' & WOC 2 hrs; TIH to 4800' & set 25 sk plug f/4600-4800' across top of Wasatch; POH w/2-3/8" tbg & LD; SDFN. Cum Csts: \$9770.
- 5-20-82 ND BOP's & tbg hanger. Weld nipple to 5 1/2" csg. RU NL McCullough & jet cut csg. @ 1970' GL shot OK. POOH 1 jt w/csg & spot 60 sx plug from 1950' to 1750'. POOH w/63 jts 5 1/2" J-55 csg & LD Fill hole w/9.5 ppg drill mud. CWC: \$17,100
- 5-21-82 TIH w/270' 2-3.8" tbg and set 80 sx surf plug - lost circ. SD & POOH w/tbg. RU & set 95 sx plug in 8-5/8" x 13-3/8" below surface. WO cement. RU reset surface plug in 8-5/8" csg from 270' to 3' below surface w/90 sx cement. CWC: \$31,266
- 5-25-82 RU to tag cmt. @ 12' below gorund level w/sinker bar. Wait on drill bit & collar. ND tree. NU 10" hydril. RU to drill in AM.
- 5-26-82 RU & TIH w/7-7/8" mill tooth bit & 4-3/4" drill collar w/power swivel. Tag Cement @ 12' below GL. Drill & chase plug @ 315' w/9 jts 2-3/8" tbg, drill collar & bit. LD bit & drill collar. RU & TIH w/9 jts tbg. 282'. Circ hole w/9.4 drill mud. RU Halliburton to run 85 sx. Plug from 282' to 3' below casing head. POOH w/tbg. SI well. RD Halliburton. CWC: \$24,172
- 5-27-82 RD Gibson Well Service. Set dry hole marker. Well P&A 5-26-82.



Coastal Oil & Gas Corporation

1050 Seventeenth Street - Suite 2100  
Post Office Box 749  
Denver, Colorado 80201-0749  
Phone (303) 572-1121

July 1, 1982

Utah State Division of  
Oil, Gas & Mining  
1588 West North Temple  
Salt Lake City, Utah 84114

RE: Communitization Agreement  
Section 25, T9S-R21E SLM  
Drilling Unit #13  
Uintah County, Utah

Gentlemen:

On April 28, 1982 we wrote to the Minerals Management Service in Salt Lake City requesting that Communitization Agreement approved on June 30, 1965 for Drilling Unit #13 under spacing order #111-1 (now vacated) be terminated effective with the last recorded production from the Ute Trail #11 well. A copy of that letter is attached for your reference. On May 25, 1982 the Minerals Management Service advised us that our request had been forwarded to your office for handling since Section 25 is comprised of State minerals only.

The last recorded production from the Drilling Unit well was in January of 1981. The well was plugged and abandoned May 28, 1982.

I would appreciate your favorable action on this request.

Very truly yours,

  
Betty J. Nelson  
Exploitation Manager

BJN:kj  
Enclosures

JUL 07 1982



JAN. 17. 2003 3:34PM

WESTPORT

NO. 173 P. 2

**WESTPORT OIL AND GAS COMPANY, L.P.**

410 Seventeenth Street #2300 Denver Colorado 80202-4436  
Telephone: 303 573 5404 Fax: 303 573 5609

February 1, 2002

Department of the Interior  
Bureau of Land Management  
2850 Youngfield Street  
Lakewood, CO 80215-7093  
Attention: Ms. Martha Maxwell

RE: BLM Bond CO-1203  
BLM Nationwide Bond 158626364  
Surety - Continental Casualty Company  
Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.  
Conversion of Westport Oil and Gas Company, Inc., into Westport Oil and Gas Company, L.P.  
Assumption Rider - Westport Oil and Gas Company, L.P.

Dear Ms. Maxwell:

Pursuant to our recent conversations, please find the following list of enclosures for the BLM's consideration and approval:

Two (2) Assumption Riders, fully executed originals.  
Copies of Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.  
Copies of Westport Oil and Gas Company, Inc., conversion into Westport Oil and Gas Company, L.P.  
List of all Federal/BIA/State Leases - Belco/Westport's leases - in all states.

Please inform us of any additional information needed to complete the change to Westport Oil and Gas Company, L.P., as operator of record.

I thank you for your assistance and cooperation in this matter. Please do not hesitate contacting the undersigned, should a question arise.

Sincerely,  
Westport Oil and Gas Company, L.P.

*Debby J. Black*  
Debby J. Black  
Engineer Technician

Encl:



United States Department of the Interior **RECEIVED**

BUREAU OF LAND MANAGEMENT

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

FEB 22 2002

DIVISION OF  
OIL, GAS AND MINING

In Reply Refer To:  
3106  
UTU-25566 et al  
(UT-924)

FEB 21 2002

NOTICE

Westport Oil and Gas Company L.P. : Oil and Gas  
410 Seventeenth Street, #2300 :  
Denver Colorado 80215-7093 :

Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Westport Oil and Gas Company, Inc. into Westport Oil and Gas Company, L.P. with Westport Oil and Gas Company, L.P. being the surviving entity.

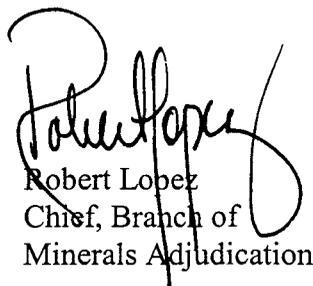
For our purposes, the name change is recognized effective December 31, 2001.

The oil and gas lease files identified have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Westport Oil and Gas Company, Inc. to Westport Oil and Gas Company, L.P.. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Colorado.

UTU-03405  
UTU-20895  
UTU-25566  
UTU-43156  
UTU-49518  
UTU-49519  
UTU-49522  
UTU-49523



Robert Lopez  
Chief, Branch of  
Minerals Adjudication

cc: Moab Field Office  
Vernal Field Office  
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217  
State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114  
Teresa Thompson (UT-922)  
Joe Incardine (UT-921)

# memorandum

Branch of Real Estate Services  
Uintah & Ouray Agency

Date: 5 December, 2002

Reply to  
Attn of: Supervisory Petroleum Engineer

Subject: Modification of Utah Division of Oil, Gas and Mining Regulations

To: Director, Utah Division of Oil, Gas and Mining Division: John Baza

We have been advised of changes occurring with the operation of your database for Change of Operator. You will be modifying your records to reflect Change of Operator once you have received all necessary documentation from the companies involved, and perhaps in advance of our Notice of Concurrence/Approval of Change of Operator where Indian leases are involved.

We have no objection.

With further comment to Rulemaking, I wish to comment concerning the provision of Exhibits for upcoming Hearings. I would like to see the Uintah & Ouray Agency, BIA, and the Ute Indian Tribe, Energy & Mineral Resources Department added to the list of those parties that receive advance Exhibits so as to allow us to have research time prior to Hearing dates. We will be able to provide a more informed recommendation to the Oil, Gas and Mining Board. It would be best if we would receive only those Exhibits that concern Indian lands, specifically on or adjacent to Indian lands. This may be a difficult situation to attain, as it is not always clear where 'on or adjacent' occurs.

I am aware that you have gone to extra effort to correct this matter already, and I fully appreciate it. My request is intended only to allow the addition of Uintah & Ouray Agency and Ute Indian Tribe to the official listing.

We appreciate your concern, and hope that these comments are timely enough for consideration in the revision process.

CC: Minerals & Mining Section of RES  
Ute Energy & Mineral Resources Department: Executive Director  
chrono





## United States Department of the Interior

BUREAU OF INDIAN AFFAIRS

Washington, D.C. 20240

FEB 10 2003

IN REPLY REFER TO:  
Real Estate Services

Carroll A. Wilson  
Principal Landman  
Westport Oil and Gas Company, L.P.  
1368 South 1200 East  
Vernal, Utah 84078

Dear Mr. Wilson:

This is in response to your request for approval of RLI Insurance Company's Nationwide Oil and Gas Lease Bond No. RLB0005239 executed effective December 17, 2002, (\$150,000 coverage) with Westport Oil and Gas Company, L. P., as principal.

This bond is hereby approved as of the date of this correspondence and will be retained in the Bureau of Indian Affairs' Division of Real Estate Services, 1849 C Street, NW, MS-4512-MIB, Washington, D.C. 20240. All Bureau oil and gas regional offices and the surety are being informed of this action.

In cases where you have existing individual and/or collective bonds on file with one or more of our regional offices, you may now request those offices, directly, to terminate in lieu of coverage under this Nationwide Bond.

Enclosed is a copy of the approved bond for your files. If we may be of further assistance in this matter, please advise.

Sincerely,

Director, Office of Trust Responsibilities

**ACTING**

Enclosure



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155

IN REPLY REFER TO  
UT-922

February 27, 2003

Westport Oil and Gas Company, L.P.  
Attn: Gary D. Williamson  
1670 Broadway, Suite 2800  
Denver, Colorado 80202

Re: Natural Buttes Unit  
Uintah County, Utah

Gentlemen:

On February 27, 2003, we received an indenture dated December 17, 2002, whereby El Paso Production Oil & Gas Company resigned as Unit Operator and Westport Oil and Gas Company, L.P., was designated as Successor Unit Operator for the Natural Buttes Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective February 27, 2003. 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 Natural Buttes Unit Agreement.

Your nationwide (Colorado) oil and gas bond No. 1203 will be used to cover all operations within the Natural Buttes 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: Field Manager - Vernal (w/enclosure)  
SITLA  
Division of Oil, Gas & Mining  
Minerals Adjudication Group  
File - Natural Buttes Unit (w/enclosure)  
Agr. Sec. Chron  
Fluid Chron

UT922:TAThompson:tt:02/27/2003

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

Form 3160-5  
(August 1999)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
**WESTPORT OIL & GAS COMPANY, L.P.**

3a. Address  
**P.O. BOX 1148 VERNAL, UT 84078**

3b. Phone No. (include area code)  
**(435) 781-7023**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**SEE ATTACHED EXHIBIT "A"**

5. Lease Serial No.  
**SEE ATTACHED EXHIBIT "A"**

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
**SEE ATTACHED EXHIBIT "A"**

9. API Well No.  
**SEE ATTACHED EXHIBIT "A"**

10. Field and Pool, or Exploratory Area

11. County or Parish, State  
**UINTAH COUNTY, UT**

**12. CHECK 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 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 checked="" type="checkbox"/> Other <b>SUCCESSOR OF OPERATOR</b>
	<input type="checkbox"/> Change Plans <input 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 Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration) on the If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zc Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator determined that the site is ready for final inspection.

WESTPORT OIL & GAS COMPANY, L.P., IS CONSIDERED TO BE THE OPERATOR ON THE ATTACHED DESCRIBED LANDS AND IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR THE OPERATIONS CONDUCTED ON THE LEASED LANDS OR PORTIONS THEREOF, BOND COVERAGE FOR THIS WELL IS PROVIDED BY FEDERAL NATIONWIDE BOND NO. 158626364, EFFECTIVE FEBRUARY 1, 2002, AND BIA NATIONWIDE BOND NO. RLB0005239, EFFECTIVE FEBRUARY 10, 2003.

RECEIVED  
MAR 04 2003

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

Name (Printed/Typed)  
**CHERYL CAMERON**

Title  
**OPERATIONS**

Signature



Date  
**March 4, 2003**

**THIS SPACE FOR FEDERAL OR STATE 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, 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 reverse)

DIV. OF OIL, GAS & MINING

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. GLH
2. CDW ✓
3. FILE

**X Change of Operator (Well Sold)**

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: <b>12-17-02</b>	
<b>FROM: (Old Operator):</b>	<b>TO: (New Operator):</b>
EL PASO PRODUCTION OIL & GAS COMPANY	WESTPORT OIL & GAS COMPANY LP
Address: 9 GREENWAY PLAZA	Address: P O BOX 1148
HOUSTON, TX 77064-0995	VERNAL, UT 84078
Phone: 1-(832)-676-5933	Phone: 1-(435)-781-7023
Account No. N1845	Account No. N2115

**CA No. Unit: NATURAL BUTTES**

<b>WELL(S)</b>						
NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
NBU 336-24E	24-09S-21E	43-047-32264	2900	FEDERAL	GW	P
NBU 386-24E	24-09S-21E	43-047-33056	2900	FEDERAL	GW	P
NBU CIGE 99D-25-9-21J	25-09S-21E	43-047-31223	2900	STATE	GW	P
CIGE 42-25-9-21	25-09S-21E	43-047-30492	2900	STATE	GW	P
CIGE 98D-25-9-21	25-09S-21E	43-047-31727	2900	STATE	GW	P
COG NBU 97-25E	25-09S-21E	43-047-31744	2900	STATE	GW	P
COG NBU 99	25-09S-21E	43-047-31745	2900	STATE	GW	P
NBU 111	25-09S-21E	43-047-31920	2900	FEDERAL	GW	P
CIGE 142-25-9-21	25-09S-21E	43-047-31994	2900	STATE	GW	P
NBU 167	25-09S-21E	43-047-32054	2900	STATE	GW	S
CIGE 234-25-9-21	25-09S-21E	43-047-32873	2900	STATE	GW	P
NBU 301	25-09S-21E	43-047-32859	2900	STATE	GW	P
NBU 320	25-09S-21E	43-047-33201	2900	STATE	GW	APD
CIGE 235-25-9-21	25-09S-21E	43-047-32858	2900	STATE	GW	P
NBU 257	25-09S-21E	43-047-32790	2900	STATE	GW	P
UTE TRAIL U ST 11	25-09S-21E	43-047-15380	2900	STATE	GW	PA
CIGE 172-25-9-21	25-09S-21E	43-047-32325	2900	STATE	GW	P
NBU 154	26-09S-21E	43-047-32003	2900	STATE	GW	P
COG NBU 60	26-09S-21E	43-047-31728	2900	STATE	GW	P
NBU 15	26-09S-21E	43-047-30204	2900	FEDERAL	GW	P

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 02/28/2003
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 03/04/2003
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 03/06/2003
- Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- If **NO**, the operator was contacted on: \_\_\_\_\_

6. (R649-9-2) Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM-12/31/2003 BIA-12/5/02

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 02/27/2003

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 03/12/2003
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 03/12/2003
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: RLB 0005236

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: 158626364

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: RLB 0005239

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB 0005238

2. The **FORMER** operator has requested a release of liability from their bond on: N/A

The Division sent response by letter on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

**COMMENTS:**

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER: \_\_\_\_\_

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: \_\_\_\_\_

7. UNIT or CA AGREEMENT NAME: \_\_\_\_\_

8. WELL NAME and NUMBER:  
**Exhibit "A"**

9. API NUMBER: \_\_\_\_\_

10. FIELD AND POOL, OR WILDCAT: \_\_\_\_\_

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. TYPE OF WELL      OIL WELL       GAS WELL       OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
**El Paso Production Oil & Gas Company**

3. ADDRESS OF OPERATOR:      **9 Greenway Plaza**      CITY **Houston**      STATE **TX**      ZIP **77064-0995**      PHONE NUMBER: **(832) 676-5933**

4. LOCATION OF WELL

FOOTAGES AT SURFACE: \_\_\_\_\_      COUNTY: \_\_\_\_\_

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: \_\_\_\_\_      STATE: **UTAH**

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

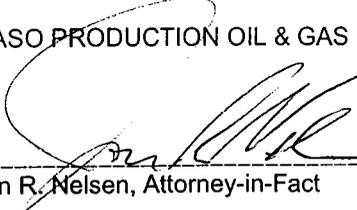
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

Operator change to Westport Oil and Gas Company, L.P., 1670 Broadway, Suite 2800, Denver, CO. 80202-4800, effective December 17, 2002.

BOND # \_\_\_\_\_  
State Surety Bond No. RLB0005236  
Fee Bond No. RLB0005238

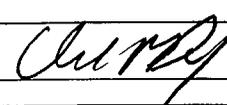
EL PASO PRODUCTION OIL & GAS COMPANY

By:   
Jon R. Nelsen, Attorney-in-Fact

**RECEIVED**  
**FEB 28 2003**  
DIV. OF OIL, GAS & MINING

**WESTPORT OIL AND GAS COMPANY, L.P.**

NAME (PLEASE PRINT) **David R. Dix**      TITLE **Agent and Attorney-in-Fact**

SIGNATURE       DATE **12/17/02**

(This space for State use only)