

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATA

DATE June 30, 1958

Operator <b>El Paso Natural Gas</b>		Lease <b>Lindrith No. 23</b>	
Location <b>11508, 1800E; 9-24-3</b>		County <b>Rio Arriba</b>	State <b>New Mexico</b>
Formation <b>Pictured Cliff</b>		Fracture <b>South Blanco</b>	
Well Diameter <b>5-1/2</b>	Set At: Feet <b>3197</b>	Tubing Diameter <b>1-1/4</b>	Set At: Feet <b>3120</b>
Flow Zone Feet <b>3074</b>	TS <b>3120</b>	Total Depth <b>3197 c/o 3160</b>	<b>Shut-in 5/25/58</b>
Stimulation Method <b>Sand Water Frac</b>		Flow Through Casing <b>X</b>	Flow Through Tubing

Well Size, inches <b>.75</b>	Stroke Constant, C <b>12.365</b>		
Shut-in Pressure, P <sub>si</sub> <b>973</b>	PSIG - 12 - PSIA <b>985</b>	Days Shut-in	Shut-in Pressure, Tubing <b>975</b>
Flowing Pressure, P <sub>f</sub> <b>138</b>	PSIG - 12 - PSIA <b>150</b>	Working Pressure, P <sub>w</sub> <b>172</b>	PSIG - 12 - PSIA <b>184</b>
Temperature, T <b>62</b>	F - °F <b>.85</b>	Sp. Grav. Tables <b>1.016</b>	Gravity <b>690</b>

CHOKED VOLUME  $Q = C \times P_r \times F_r \times F_g \times F_p$

$Q = (12.365)(150)(9981)(9325)(1.016)$

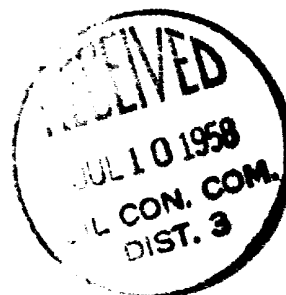
1754

MCF/D

OPEN FLOW  $Q = \left( \frac{2.2 P_r}{P_c - P_w} \right)^n$

$Q = \left( \frac{974169}{940313} \right)^n \quad \frac{1.0360}{1.0305}$

Act 1807 MCF/D



By Richard Proctor

Witnessed By \_\_\_\_\_

Checked By Tom Grant

Lewis D. Galloway  
L. D. Galloway

## DISTRICT OFFICE

[illegible]

Figure 1 is a schematic diagram of the experimental setup. It shows a subject seated at a table, looking at a video screen. A camera is positioned above the screen. A light source is positioned to the left of the screen. A target is positioned on the screen. The subject's hand is positioned near the target. The diagram illustrates the spatial arrangement of the components used in the experiment.

[illegible][illegible]

1

[illegible]

1000

4000 1

Transporter

File

.....  
**Depth Cleaned Out.....3160**  
 .....

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from **Surface** feet to **3194** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
Cable tools were used **into complete** feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

PRODUCTION

**Potential Test**  
Put to Producing **June 30th**, 19**58**

OIL WELL: The production during the first 24 hours was \_\_\_\_\_ barrels of liquid of which \_\_\_\_\_ % was  
was oil; \_\_\_\_\_ % was emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % was sediment. A.P.I.  
Gravity \_\_\_\_\_

GAS WELL: The production during the first 24 hours was **1,807** M.C.F. plus \_\_\_\_\_ barrels of  
liquid Hydrocarbon. Shut in Pressure **961** lbs.  
Length of Time Shut in **28 days**

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico			Northwestern New Mexico		
T. Anhy.			T. Devonian		T. Ojo Alamo
T. Salt			T. Silurian		T. Kirtland-Fruitland
B. Salt			T. Montoya		T. Farmington
T. Yates			T. Simpson		T. Pictured Cliffs <b>3070</b>
T. 7 Rivers			T. McKee		T. Menefee
T. Queen			T. Ellenburger		T. Point Lookout
T. Grayburg			T. Gr. Wash		T. Mancos
T. San Andres			T. Granite		T. Dakota
T. Glorieta			T.		T. Morrison
T. Drinkard			T.		T. Penn
T. Tubbs			T.		T.
T. Abo			T.		T.
T. Penn			T.		T.
T. Miss			T.		T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
<b>Surface</b>	<b>2960</b>	<b>2960</b>	<b>Surface sand &amp; shale, Ojo Alamo, Kirtland and Fruitland formations</b>				
<b>2960</b>	<b>2967</b>	<b>7</b>	<b>Coal</b>				
<b>2967</b>	<b>2974</b>	<b>7</b>	<b>Shale</b>				
<b>2974</b>	<b>2983</b>	<b>9</b>	<b>Coal</b>				
<b>2983</b>	<b>2997</b>	<b>14</b>	<b>Shale</b>				
<b>2997</b>	<b>2999</b>	<b>2</b>	<b>Coal</b>				
<b>2999</b>	<b>3070</b>	<b>71</b>	<b>Shale</b>				
<b>3070</b>	<b>3120</b>	<b>50</b>	<b>Sand</b>				
<b>3120</b>	<b>3194</b>	<b>74</b>	<b>Shale</b>				

OIL CONSERVATION COMMISSION  
AZTEC DISTRICT OFFICE  
No. Copies Received **6**  
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File ☒

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Company or Operator **El Paso Natural Gas Co.** Address **Box 997, Farmington, New Mexico** (Date) **July 22nd, 1958**  
Name **OC Johnston** Position or Title **Petroleum Engineer**

NEW MEXICO OIL CONSERVATION COMMISSION  
MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

COMPANY EL PASO NATURAL GAS COMPANY Box 997, Farmington, New Mexico  
(Address)

LEASE LINDRITH UNIT WELL NO. 23 UNIT 0 S 9, T 24N R 3W  
DATE WORK PERFORMED 5-12 & 5-17-58 POOL S. Blanco PC Ext.

This is a Report of: (Check appropriate block) ☒ Results of Test of Casing Shut-off  
☐ Beginning Drilling Operations ☐ Remedial Work  
☐ Plugging ☐ Other \_\_\_\_\_

Detailed account of work done, nature and quantity of materials used and results obtained.

5-12-58 TD 3194' RKB. Set 101 joints 3197' of 5-1/2" OD 15.5# J-55 casing at 3193' with 150 sacks cement. Temperature survey showed top of cement at 2220'.  
5-17-58 Pressured up on casing to 1000#. No pressure decrease in one hour.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. \_\_\_\_\_ TD \_\_\_\_\_ PBD \_\_\_\_\_ Prod. Int. \_\_\_\_\_ Compl Date \_\_\_\_\_  
Tbng. Dia \_\_\_\_\_ Tbng Depth \_\_\_\_\_ Oil String Dia \_\_\_\_\_ Oil String Depth \_\_\_\_\_  
Perf Interval (s) \_\_\_\_\_  
Open Hole Interval \_\_\_\_\_ Producing Formation (s) \_\_\_\_\_

RESULTS OF WORKOVER:

BEFORE AFTER

Date of Test	_____	_____
Oil Production, bbls. per day	_____	_____
Gas Production, Mcf per day	_____	_____
Water Production, bbls. per day	_____	_____
Gas-Oil Ratio, cu. ft. per bbl.	_____	_____
Gas Well Potential, Mcf per day	_____	_____
Witnessed by _____	_____	_____

(Company)

OIL CONSERVATION COMMISSION

Name Original Signed Emery C. Arnold  
Title Supervisor Dist. # 3  
Date JUL 24 1958

I hereby certify that the information given above is true and complete to the best of my knowledge.

Name Dr. Johnston  
Position Petroleum Engineer  
Company El Paso Natural Gas Company



OIL CONSERVATION COMMISSION		
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Transporter		
File	<u>1</u>	<input checked="" type="checkbox"/>

NEW MEXICO OIL CONSERVATION COMMISSION  
MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

COMPANY EL PASO NATURAL GAS COMPANY Box 997, Farmington, New Mexico  
(Address)

LEASE LINDRITH UNIT WELL NO. 23 UNIT 0 S 9 T 24N R 3W  
DATE WORK PERFORMED 3-15 & 5-5-58 POOL S. Blanco PC Ext.

This is a Report of: (Check appropriate block) ☒ Results of Test of Casing Shut-off  
☐ Beginning Drilling Operations ☐ Remedial Work  
☐ Plugging ☐ Other \_\_\_\_\_

Detailed account of work done, nature and quantity of materials used and results obtained.

3-15-58 TD 128' RKB. Set 4 joints 119' of 8-5/8" OD 24# J-55 casing at 128' with 80 sacks cement, circulated to surface.  
5- 5-58 Pressured up on casing to 500#. No pressure decrease in 30 minutes.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

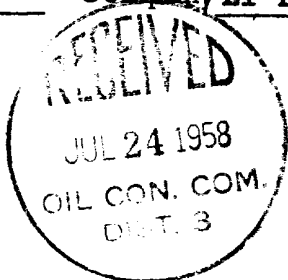
Original Well Data:

DF Elev. \_\_\_\_\_ TD \_\_\_\_\_ PBD \_\_\_\_\_ Prod. Int. \_\_\_\_\_ Compl Date \_\_\_\_\_  
Tbng. Dia \_\_\_\_\_ Tbng Depth \_\_\_\_\_ Oil String Dia \_\_\_\_\_ Oil String Depth \_\_\_\_\_  
Perf Interval (s) \_\_\_\_\_  
Open Hole Interval \_\_\_\_\_ Producing Formation (s) \_\_\_\_\_

RESULTS OF WORKOVER:	BEFORE	AFTER
Date of Test	_____	_____
Oil Production, bbls. per day	_____	_____
Gas Production, Mcf per day	_____	_____
Water Production, bbls. per day	_____	_____
Gas-Oil Ratio, cu. ft. per bbl.	_____	_____
Gas Well Potential, Mcf per day	_____	_____
Witnessed by _____	_____	_____
	(Company)	

OIL CONSERVATION COMMISSION  
Name Original Signed Emery C. Arnold  
Title Supervisor Dist. # 3  
Date JUL 24 1958

I hereby certify that the information given above is true and complete to the best of my knowledge.  
Name DC Johnston  
Position Petroleum Engineer  
Company El Paso Natural Gas Company



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NEW MEXICO OIL CONSERVATION COMMISSION  
MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

COMPANY EL PASO NATURAL GAS COMPANY Box 997, Farmington, New Mexico  
(Address)

LEASE LINDRITH UNIT WELL NO. 23 UNIT 0 8 9 T 24N R 3W  
DATE WORK PERFORMED 5-19-58 POOL S. Blanco PC Ext.

This is a Report of: (Check appropriate block) ☐ Results of Test of Casing Shut-off  
☐ Beginning Drilling Operations ☐ Remedial Work  
☐ Plugging ☒ Other Sand-Water Fracture

Detailed account of work done, nature and quantity of materials used and results obtained.

5-19-58 TD 3194'. Cleaned out to 3160'. Perforated 3074-94' and 3110-20' with 4 shots per foot. Sandfraced with 44,000 gallons water and 50,000# sand, flushed with 4,200 gallons water. Breakdown pressure 2000#, initial treating pressure 1800#. Dropped 70 rubber balls, pressure increased to 2200#. Average injection rate 60 barrels per minute.

5-20-58 After 12½ hours flowing 1,325 MCF/day.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY  
Original Well Data:  
DF Elev. \_\_\_\_\_ TD \_\_\_\_\_ PBD \_\_\_\_\_ Prod. Int. \_\_\_\_\_ Compl Date \_\_\_\_\_  
Tbng. Dia \_\_\_\_\_ Tbng Depth \_\_\_\_\_ Oil String Dia \_\_\_\_\_ Oil String Depth \_\_\_\_\_  
Perf Interval (s) \_\_\_\_\_  
Open Hole Interval \_\_\_\_\_ Producing Formation (s) \_\_\_\_\_

RESULTS OF WORKOVER:	BEFORE	AFTER
Date of Test	_____	_____
Oil Production, bbls. per day	_____	_____
Gas Production, Mcf per day	_____	_____
Water Production, bbls. per day	_____	_____
Gas-Oil Ratio, cu. ft. per bbl.	_____	_____
Gas Well Potential, Mcf per day	_____	_____
Witnessed by _____		

OIL CONSERVATION COMMISSION	I hereby certify that the information given above is true and complete to the best of my knowledge.
Name <u>Original Signed Emery C. Arnold</u>	Name <u>Dr. Johnston</u>
Title <u>Supervisor Dist. # 3</u>	Position <u>Petroleum Engineer</u>
Date <u>JUL 24 1958</u>	Company <u>El Paso Natural Gas Company</u>



OIL CONSERVATION COMMISSION		
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Transporter		
File	<u>1</u>	<u>/</u>

OIL CONSERVATION COMMISSION  
P. O. BOX 871  
SANTA FE, NEW MEXICO

DATE 10-5-39

Re: Operator WMC  
Lease 1114  
Well # 23 Unit Letter D S 9 T 24  
R 3, POOL South Blanco-PC

☐ **CURTAILMENT NOTICE**

Re: Shut-In Notice No. \_\_\_\_\_ Dated \_\_\_\_\_

The production for the above well for the month of \_\_\_\_\_  
as reflected by \_\_\_\_\_ shows the curtailment volume to be \_\_\_\_\_  
MCF as of the end of \_\_\_\_\_. Since your \_\_\_\_\_ allowable is in  
excess of the curtailment volume, you are hereby authorized to produce \_\_\_\_\_  
MCF during the month of \_\_\_\_\_, but in no event shall the well's production  
exceed that amount.

☒ **CANCELLATION OF SHUT-IN NOTICE**

No. Pedist. Schedule Dated July 31, 1939

The production for the above well for the month of August  
as reflected by C-114's shows that the curtailment volume shown on the Shut-  
In Notice has been made up.

You are hereby authorized to resume production of the above  
referenced well.

OIL CONSERVATION COMMISSION

ORIGINAL SIGNED  
by BY FRED ALARES  
GAS PRORATION SECTION



**NEW MEXICO OIL CONSERVATION COMMISSION**  
Santa Fe, New Mexico

(Form C-104)  
Revised 7/1/57

**REQUEST FOR ~~(OIL)~~ - (GAS) ALLOWABLE**

New Well  
**Resubmission**

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Farmington, New Mexico  
(Place)

7-22-58  
(Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

**EL PASO NATURAL GAS CO.** LINDRITH UNIT, Well No. 23, in SW  $\frac{1}{4}$  SE  $\frac{1}{4}$ ,  
(Company or Operator) (Lease)

0, Sec. 9, T. 24N, R. 3W, NMPM., S. Blanco PC Ext. Pool  
Unit Letter

Rio Arriba

County. Date Spudded 3-14-58

Date Drilling Completed 5-12-58

Please indicate location:

Elevation 6902

Total Depth 3194 PBD 3160

Top Oil/Gas Pay 3070

Name of Prod. Form. Pictured Cliffs

PRODUCING INTERVAL -

Perforations 3074-94', 3110-20'

Open Hole \_\_\_\_\_ Depth \_\_\_\_\_  
Casing Shoe 3193 Tubing 3129

OIL WELL TEST -

Natural Prod. Test: \_\_\_\_\_ bbls. oil, \_\_\_\_\_ bbls water in \_\_\_\_\_ hrs, \_\_\_\_\_ min. Choke Size \_\_\_\_\_

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): \_\_\_\_\_ bbls. oil, \_\_\_\_\_ bbls water in \_\_\_\_\_ hrs, \_\_\_\_\_ min. Choke Size \_\_\_\_\_

GAS WELL TEST -

Natural Prod. Test: None MCF/Day; Hours flowed \_\_\_\_\_ Choke Size \_\_\_\_\_

Method of Testing (pitot, back pressure, etc.): \_\_\_\_\_

Test After Acid or Fracture Treatment: 1,807 MCF/Day; Hours flowed 3

Choke Size 3/4 Method of Testing: Back pressure

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand): 44,000 gallons water, 50,000# sand

Casing \_\_\_\_\_ Tubing \_\_\_\_\_ Date first new  
Press. \_\_\_\_\_ Press. \_\_\_\_\_ oil run to tanks \_\_\_\_\_

Oil Transporter \_\_\_\_\_

Gas Transporter El Paso Natural Gas Company

Tubing, Casing and Cementing Record

Size	Feet	Sax
<u>8-5/8"</u>	<u>119</u>	<u>80</u>
<u>5-1/2"</u>	<u>3197</u>	<u>150</u>
<u>1-1/4"</u>	<u>3120</u>	<u>-</u>

Remarks: \_\_\_\_\_

I hereby certify that the information given above is true and complete to the best of my knowledge.

Approved \_\_\_\_\_ JUL 24 1958, 19 \_\_\_\_\_

**EL PASO NATURAL GAS COMPANY**  
(Company or Operator)

**OIL CONSERVATION COMMISSION**

By: Original Signed Emery C. Arnold

Title Supervisor Dist. # 3

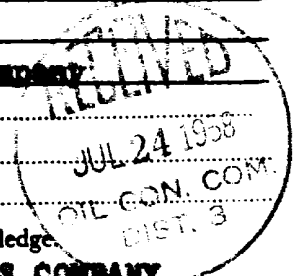
By: [Signature]  
(Signature)

Title Petroleum Engineer

Send Communications regarding well to:

Name E. S. Oberly

Address Box 997, Farmington, New Mexico



<b>OIL CONSERVATION COMMISSION</b>		
<b>AZTEC DISTRICT OFFICE</b>		
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Transporter		
File	/	✓

NEW MEXICO OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

Form C-110  
Revised 7/1/55

(File the original and 4 copies with the appropriate district office)

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator EL PASO NATURAL GAS COMPANY Lease LINDRITH UNIT

Well No. 23 Unit Letter O S 9 T 24NR 3W Pool S. Blanco PC Ext.

County Rio Arriba Kind of Lease (State, Fed. or Patented) Patented

If well produces oil or condensate, give location of tanks: Unit S T R

Authorized Transporter of Oil or Condensate \_\_\_\_\_

Address \_\_\_\_\_  
(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas El Paso Natural Gas Company

Address Box 997, Farmington, New Mexico  
(Give address to which approved copy of this form is to be sent)

If Gas is not being sold, give reasons and also explain its present disposition:

Reasons for Filing: (Please check proper box) New Well (x)

Change in Transporter of (Check One): Oil ( ) Dry Gas ( ) C'head ( ) Condensate ( )

Change in Ownership ( ) Other ( )

Remarks: \_\_\_\_\_ (Give explanation below)



The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 22nd day of July 19 58

By Dr. Johnston

Approved JUL 24 1958 19

Title Petroleum Engineer

OIL CONSERVATION COMMISSION

Company El Paso Natural Gas Company

By Original Signed Emery C. Arnold

Address Box 997

Title JUL 24 1958 Supervisor Dist. # 3

Farmington, New Mexico

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<b>AZTEC DISTRICT OFFICE</b>		
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STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

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OPERATOR	GAS
PRODUCTION OFFICE	

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-104  
Revised 10-01-78  
Format 08-01-83  
Page 1

RECEIVED

NOV 01 1986

OIL CON. DIV.  
DIST. 3

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I. Operator  
Meridian Oil Inc.

Address  
P. O. Box 4289, Farmington, NM 87499

Reason(s) for filing (Check proper box)

<input type="checkbox"/> New Well	Change in Transporter of:	Other (Please explain) <u>Meridian Oil Inc. is Operator for El Paso Production Company</u>
<input type="checkbox"/> Recompletion	<input type="checkbox"/> Oil	
<input checked="" type="checkbox"/> Change in <del>Ownership</del> Operatorship	<input type="checkbox"/> Casinghead Gas <input type="checkbox"/> Dry Gas <input type="checkbox"/> Condensate	

If change of ownership give name and address of previous owner El Paso Natural Gas Company, P. O. Box 4289, Farmington, NM 87499

II. DESCRIPTION OF WELL AND LEASE

Lease Name <u>Lindrith Unit</u>	Well No. <u>23</u>	Pool Name, including Formation <u>So. Blanco Pictured Cliffs</u>	Kind of Lease State, Federal or (Fee) Fee	Lease No.
Location Unit Letter <u>0</u> : <u>1150</u> Feet From The <u>South</u> Line and <u>1800</u> Feet From The <u>East</u>				
Line of Section <u>9</u> Township <u>24N</u> Range <u>3W</u> NMPM, <u>Rio Arriba</u> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
<u>Meridian Oil Inc.</u>	<u>P. O. Box 4289, Farmington, NM 87499</u>
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
<u>El Paso Natural Gas Company</u>	<u>P. O. Box 4289, Farmington, NM 87499</u>
If well produces oil or liquids, give location of tanks.	Is gas actually connected? when
Unit <u>0</u> Sec. <u>9</u> Twp. <u>24N</u> Rge. <u>3W</u>	

If this production is commingled with that from any other lease or pool, give commingling order number: \_\_\_\_\_

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given is true and complete to the best of my knowledge and belief.

Peggy Doak  
(Signature)  
Drilling Clerk  
(Title)  
11-1-86  
(Date)

OIL CONSERVATION DIVISION

NOV 01, 1986

APPROVED \_\_\_\_\_, 19  
BY Birdy Chant  
TITLE SUPERVISION DISTRICT # 3

This form is to be filed in compliance with RULE 1104.  
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.  
All sections of this form must be filled out completely for allowable on new and recompleted wells.  
Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter or other such change of condition.  
Separate Forms C-104 must be filed for each pool in multiply completed wells.



District I  
PO Box 1980, Hobbs, NM 88241-1980

District II  
P.O. Drawer DD, Artesia, NM 88211-0719

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals, & Natural Resources Department

Form C-104  
Revised February 21, 1994  
Instructions on back  
Submit to Appropriate District Office  
5 Copies

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

☐ AMMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

<sup>1</sup> Operator Name and Address  Burlington Resources Oil & Gas PO Box 4289 Farmington, NM 87499		<sup>2</sup> OGRID Number  14538
		<sup>3</sup> Reason for Filing Code  CO - 7/11/96
<sup>4</sup> API Number 30-039-5523	<sup>5</sup> Pool Name BLANCO P.C. SOUTH (GAS)	<sup>6</sup> Pool Code 72439
<sup>7</sup> Property Code 007261	<sup>8</sup> Property Name LINDRITH UNIT	<sup>9</sup> Well Number #23

II. <sup>10</sup> Surface Location

<sup>11</sup> U/I or lot no. O	<sup>12</sup> Section 9	<sup>13</sup> Township 024N	<sup>14</sup> Range 003W	<sup>15</sup> Lot.Idn	<sup>16</sup> Feet from the 1150	<sup>17</sup> North/South Line S	<sup>18</sup> Feet from the 1800	<sup>19</sup> East/West Line E	<sup>20</sup> County RIO ARRI3A
-----------------------------------	----------------------------	--------------------------------	-----------------------------	-----------------------	-------------------------------------	-------------------------------------	-------------------------------------	-----------------------------------	------------------------------------

<sup>11</sup> Bottom Hole Location

<sup>21</sup> U/I or lot no.	<sup>22</sup> Section	<sup>23</sup> Township	<sup>24</sup> Range	<sup>25</sup> Lot.Idn	<sup>26</sup> Feet from the	<sup>27</sup> North/South Line	<sup>28</sup> Feet from the	<sup>29</sup> East/West Line	<sup>30</sup> County
<sup>31</sup> Lse Code	<sup>32</sup> Producing Method Code	<sup>33</sup> Gas Connection Date	<sup>34</sup> C-129 Permit Number	<sup>35</sup> C-129 Effective Date	<sup>36</sup> C-129 Expiration Date				

III. Oil and Gas Transporters

<sup>37</sup> Transporter OGRID	<sup>38</sup> Transporter Name and Address	<sup>39</sup> POD	<sup>40</sup> O/G	<sup>41</sup> POD ULSTR Location and Description
7057	EL PASO FIELD SERVICES P.O. BOX 1492 EL PASO, TX 79903		G	O-09-T024N-R003W

IV. Produced Water

<sup>42</sup> POD	<sup>43</sup> POD ULSTR Location and Description
-------------------	--

V. Well Completion Data

<sup>44</sup> Spud Date	<sup>45</sup> Ready Date	<sup>46</sup> TD	<sup>47</sup> PBTB	<sup>48</sup> Perforations
<sup>49</sup> Hole Size	<sup>50</sup> Casing & Tubing Size	<sup>51</sup> Depth Set	<sup>52</sup> Sacks Cement	

VI. Well Test Data

<sup>53</sup> Date New Oil	<sup>54</sup> Gas Delivery Date	<sup>55</sup> Test Date	<sup>56</sup> Test Length	<sup>57</sup> Tbg. Pressure	<sup>58</sup> Csg. Pressure
<sup>59</sup> Choke Size	<sup>60</sup> Oil	<sup>61</sup> Water	<sup>62</sup> Gas	<sup>63</sup> AOF	<sup>64</sup> Test Method

<sup>65</sup> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.  Signature: <i>Dolores Diaz</i>	OIL CONSERVATION DIVISION  Approved by: Frank T. Chavez  Title: District Supervisor  Approved Date: July 11, 1996		
Printed Name: Dolores Diaz Title: Production Associate Date: 7/11/96 Phone: (505) 326-9700			
<sup>66</sup> If this is a change of operator fill in the OGRID number and name of the previous operator 14538 Meridian Oil Production			
Previous Operator Signature  Signature: <i>Dolores Diaz</i>	Printed Name Dolores Diaz	Title Production Associate	Date 7/11/96





Environmental Services Group  
Southern Region

*Drip*

Lindrith Unit #23  
Meter Code 74692

*0-9-24W-03W*

Pit was excavated to 12 feet beneath ground surface. Headspace soil readings from excavation bottom were 434 parts per million. Soil analytical were as follows; benzene - < 0.5 mg/kg, total BTEX - 39.3 mg/kg, TPH - 555 mg/kg.

One soil boring was completed and no monitoring well installed. Groundwater was encountered at 17.4 feet. No groundwater or soil samples were collected.

The pit was re-excavated with analytical for the soil samples as follows; benzene - 0.063 mg/kg, total BTEX - 2.88 mg/kg, TPH - 96.3 mg/kg.

A RECON® survey was conducted and three groundwater samples were collected between the pit and Largo wash. The samples were collected and analyzed using a laboratory-grade gas chromatograph by Philip Environmental's RECON® System. The on-site analytical results are as follows; PH-01: benzene - not detected (ND), toluene - ND, ethylbenzene - ND, xylenes - ND, PH-02: benzene - ND, toluene - ND, ethylbenzene - ND, xylenes - ND, PH-03: benzene <1 ug/L, toluene - 3 ug/L, ethylbenzene - ND, xylenes - 2 ug/l.

*Denny E. Frost*  
DEPUTY OIL & GAS INSPECTOR

FEB 06 *97*

*Drip*



1792

# FIELD PIT SITE ASSESSMENT FORM

GENERAL

Meter: 74692 Location: Lindrich Unit 23  
 Operator #: 2999 Operator Name: MDI P/L District: DJITO  
 Coordinates: Letter: D Section 9 Township: 24 Range: 3  
 Or Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
 Pit Type: Dehydrator \_\_\_\_\_ Location Drip: ☒ Line Drip: \_\_\_\_\_ Other: \_\_\_\_\_  
 Site Assessment Date: 8/2/94 Area: 08 Run: 83

## NMOCD Zone:

(From NMOCD  
Maps)

Inside

Outside

## Land Type:

BLM ☐ (1)

State ☐ (2)

Fee ☒ (3)

Indian \_\_\_\_\_

## Depth to Groundwater

Less Than 50 Feet (20 points) ☒ (1)

50 Ft to 99 Ft (10 points) ☐ (2)

Greater Than 100 Ft (0 points) ☐ (3)

SITE ASSESSMENT

## Wellhead Protection Area :

Is it less than 1000 ft from wells, springs, or other sources of fresh water extraction? , or ; Is it less than 200 ft from a private domestic water source? ☐ (1) YES (20 points) ☒ (2) NO (0 points)

## Horizontal Distance to Surface Water Body

Less Than 200 Ft (20 points) ☒ (1)

200 Ft to 1000 Ft (10 points) ☐ (2)

Greater Than 1000 Ft (0 points) ☐ (3)

Name of Surface Water Body Cañada Larga

(Surface Water Body : Perennial Rivers, Major Wash, Streams, Creeks, Irrigation Canals, Ditches, Lakes, Ponds)

Distance to Nearest Ephemeral Stream ☐ (1) < 100' (Navajo Pits Only)  
☐ (2) > 100'

TOTAL HAZARD RANKING SCORE: 40 POINTS

Remarks : Redline Book - Inside Vulnerable Zone Type - Inside  
ipit. Will close. Pit dry



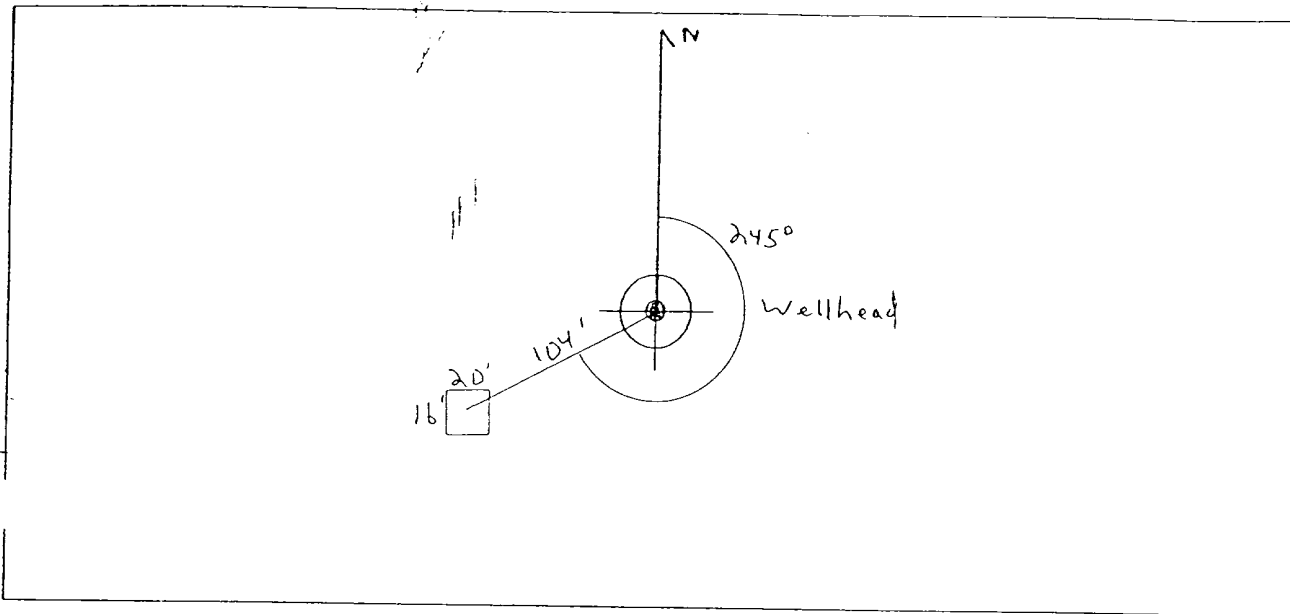


74692

# ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 245° Footage from Wellhead 104'  
 b) Length : 20' Width : 16' Depth : 3'

ORIGINAL PIT LOCATION



## Remarks :

Pictures @ 0937

ORIGINAL PIT LOCATION

Completed By:

Cong. Chang  
 Signature

8/2/94



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## **Phase I Excavation**

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# FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL	<p>Meter: <u>74692</u> Location: <u>Lindrith Unit #23</u></p> <p>Coordinates: Letter: <u>D</u> Section <u>9</u> Township: <u>24</u> Range: <u>3</u></p> <p>Or Latitude _____ Longitude _____</p> <p>Date Started : <u>10/11/94</u> Run: <u>08</u> <u>83</u></p>
FIELD OBSERVATIONS	<p>Sample Number(s): <u>KD 328</u></p> <p>Sample Depth: <u>12'</u> Feet</p> <p>Final PID Reading <u>434 ppm</u> PID Reading Depth <u>12'</u> Feet</p> <p>Yes No</p> <p>Groundwater Encountered <input type="checkbox"/> <input checked="" type="checkbox"/> Approximate Depth _____ Feet</p>
CLOSURE	<p>Remediation Method :</p> <p>Excavation <input checked="" type="checkbox"/> Approx. Cubic Yards <u>180</u> <sup>lt 7/28/95</sup> <u>60</u></p> <p>Onsite Bioremediation <input type="checkbox"/></p> <p>Backfill Pit Without Excavation <input type="checkbox"/></p> <p>Soil Disposition:</p> <p>Envirotech <input checked="" type="checkbox"/> <input type="checkbox"/> Tierra</p> <p>Other Facility <input type="checkbox"/> Name: _____</p> <p>Pit Closure Date: <u>10/11/94</u> Pit Closed By: <u>BET</u></p>
REMARKS	<p>Remarks : <u>Took pit to 12', Took pid sample, close pit.</u></p> <p><u>pit had approximately 4' of over burden.</u></p>
<p>Signature of Specialist: <u>King Darn</u></p>	





## FIELD SERVICES LABORATORY

## ANALYTICAL REPORT

## PIT CLOSURE PROJECT - Soil Samples Inside the GWV Zone

## SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	KD328	946402
MTR CODE   SITE NAME:	74692	Lindrith Unit #23
SAMPLE DATE   TIME (Hrs):	10/11/94	1215
PROJECT:	Phase I	
DATE OF TPH EXT.   ANAL.:	10/17/94	10/17/94
DATE OF BTEX EXT.   ANAL.:	10/19/94	10/23/94
TYPE   DESCRIPTION:	VC	Brown sand & clay

Field Remarks: \_\_\_\_\_

## RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
BENZENE	<0.5	MG/KG	20			
TOLUENE	32	MG/KG	20			
ETHYL BENZENE	<0.5	MG/KG	20			
TOTAL XYLENES	6.3	MG/KG	20			
TOTAL BTEX	39.3	MG/KG				
TPH (418.1)	555	MG/KG			2.20	28
HEADSPACE PID	434	PPM				
PERCENT SOLIDS	93.9	%				

-- TPH is by EPA Method 418.1 and BTEX is by EPA Method 8020 --

The Surrogate Recovery was at 82 % for this sample All QA/QC was acceptable.

Narrative:

1 performed analyses.

DF = Dilution Factor Used







## CHAIN OF CUSTODY RECORD

[illegible]



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## **Phase II Soil Boring**

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# RECORD OF SUBSURFACE EXPLORATION

PHILIP ENVIRONMENTAL  
000 Monroe Road  
Farmington, New Mexico 87401  
(505) 326-2262 FAX (505) 326-2388

Borehole # BH-1  
Well # \_\_\_\_\_  
Page 1 of 1

Project Name EPNG PITS  
Project Number 14509 Phase 6000 177  
Project Location Lindcith Unit # 23 74692

Elevation \_\_\_\_\_  
Borehole Location \_\_\_\_\_  
GWL Depth \_\_\_\_\_  
Logged By CM CHANCE  
Drilled By M. DONOHUE E. Padilla  
Date/Time Started 6/1/95 - 0950  
Date/Time Completed 6/1/95 - 1100

Well Logged By CM Chance  
Personnel On-Site E. Padilla, F. Rivera  
Contractors On-Site \_\_\_\_\_  
Client Personnel On-Site \_\_\_\_\_

Drilling Method 4 1/4" ID HSA  
Air Monitoring Method PID, CGI

Depth (Feet)	Sample Number	Sample Interval	Sample Type & Recovery (inches)	Sample Description Classification System: USCS	USCS Symbol	Depth Lithology Change (feet)	Air Monitoring Units: PPM			Drilling Conditions & Blow Counts
							BZ	BH	HS	
0				Backfill to 12'						
5										
10										
15	1	15-17	8"	Blk silty CLAY, r/vf sand, med stiff, med plastic, odor			8	300	338 450	1000 - GW @ 17.4' BGS - Water @ 19'
20	2	20-22	0				0	150	NA	- Cuttings have strong odor + Black
25				TOB 22'						
30										
35										
40										

Comments:

Hit GW @ ~19'. After 15 min water level is 17.4' Last sample above GW  
was visibly contaminated + contaminated on PID. No sample sent to lab



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## **Phase III Excavation**

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# FIELD PIT REMEDIATION/CLOSURE FORM/PHASE III

*[Handwritten mark]*

GENERAL

Meter: 24692 Location: Lindrih unit #23

Coordinates: Letter: 0 Section 09 Township: 24 Range: 03

Or Latitude \_\_\_\_\_ Longitude \_\_\_\_\_

Date Started : \_\_\_\_\_ Area: 08 Run: 83

FIELD OBSERVATIONS

Sample Number(s): AP 39

Sample Depth: 18' Feet

Final PID Reading 107.8 PID Reading Depth 18' Feet  
Yes No

Groundwater Encountered ☒ (1) ☐ (2) Approximate Depth 18 1/2" Feet

Final Dimensions: Length 29' Width 25' Depth 18'

CLOSURE

Remediation Method :

Excavation ☒ (1) Approx. Cubic Yards 1450

Onsite Bioremediation ☐ (2)

Backfill Pit Without Excavation ☐ (3)

Overburden Cubic Yards 280

Soil Disposition:

Envirotech ☒ (1) ☐ (3) Tierra

Other Facility ☐ (2) Name: \_\_\_\_\_

Pit Closure Date: 6-29-95 Pit Closed By: Phillip Env.

REMARKS

Remarks : Remediated to 18', Alton James said to pull  
Sample & close pit. Final composite sample showed  
107.8 at 76" closed pit. Backfill came out perfect  
with 1ft cap.

Signature of Specialist: James & Pounce

Phase III





## FIELD SERVICES LABORATORY

## ANALYTICAL REPORT

## PIT CLOSURE PROJECT - Soil Samples Inside the GWV Zone

## SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	JP39	946936
MTR CODE   SITE NAME:	74692	Lindrith Unit #23
SAMPLE DATE   TIME (Hrs):	06/28/95	1200
PROJECT:	Phase II Excavation	
DATE OF TPH EXT.   ANAL.:	07/04/95	07/04/95
DATE OF BTEX EXT.   ANAL.:	07/06/95	07/06/95
TYPE   DESCRIPTION:	VC	Brown clay w/fine sand

Field Remarks: \_\_\_\_\_

## RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
BENZENE	0.063	MG/KG	1			
TOLUENE	1.1	MG/KG	1			
ETHYL BENZENE	0.22	MG/KG	1			
TOTAL XYLENES	1.5	MG/KG	1			
TOTAL BTEX	2.88	MG/KG				
TPH (418.1)	96.3	MG/KG			2.00	28
HEADSPACE PID	108	PPM				
PERCENT SOLIDS	85.6	%				

-- TPH is by EPA Method 418.1 and BTEX is by EPA Method 8020 --

The Surrogate Recovery was at 96 % for this sample All QA/QC was acceptable.

Narrative:

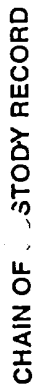
1 performed analyses.

DF = Dilution Factor Used

Del L. 11/11/95

Date: 7/18/96



FM-08-0565A (Rev. 03-94)



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**RECON®**

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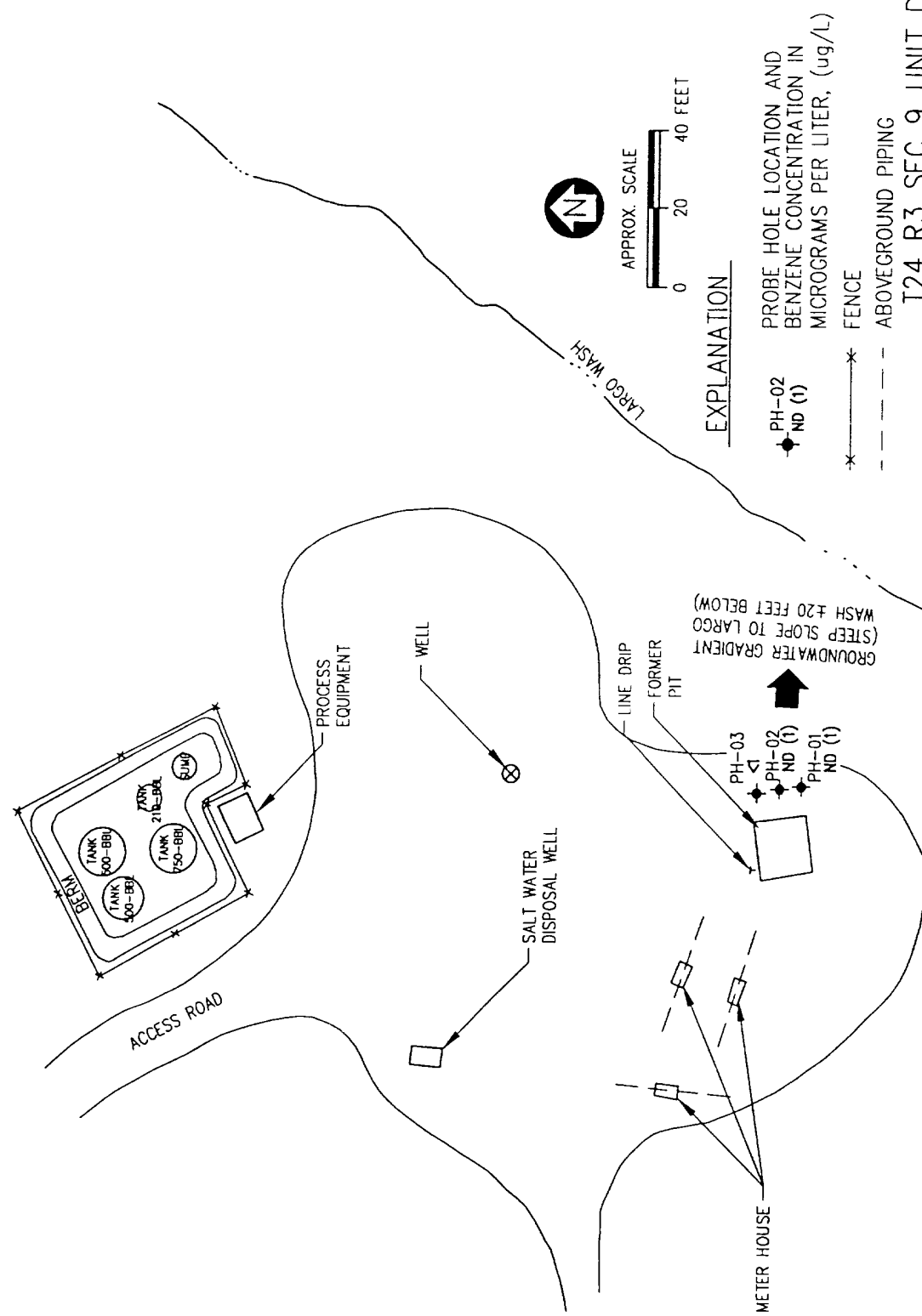


TITLE:  
LINDRITH UNIT NO. 23  
METER 74692

SCALE	AS NOTED	DATE	PROJECT NO:
DWN:	M.R.W.	12/12/95	13947
DES:			EPNG-RECON PITS
CHKD:	K.B.G.	12/15/95	
APPD:			

REV:	FIGURE 30	0
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T24 R3 SEC 9 UNIT D



EXPLANATION

PH-02  
ND (1)

PROBE HOLE LOCATION AND  
BENZENE CONCENTRATION IN  
MICROGRAMS PER LITER, (ug/L)

FENCE

ABOVEGROUND PIPING



# PHILIP

## RECON SAMPLE ANALYSIS DATA SUMMARY TABLE Project: 13947

Sample I.D.	Probe Hole Number	Depth (feet)	Benzene (ug/L)	Toluene (ug/L)	Ethyl benzene (ug/L)	m+p-Xylene (ug/L)	o-Xylene (ug/L)	Comments
EGC#S1-08	PH-02	12	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Soil-gas
EGC#S1-09	PH-03	3	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Soil-gas
EGC#S1-10	PH-03	6	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Soil-gas
EGC#S1-11	PH-03	9	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Soil-gas
EGC#S1-12	PH-03	12	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Soil-gas
EGC#M1-01	PH-01	3	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Soil-gas
EGC#M1-02	PH-01	6	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Soil-gas
EGC#M1-03	PH-01	9	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Soil-gas
EGC#M1-04	PH-01	12	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Soil-gas
EGC#M1-05	PH-02	3	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Soil-gas
EGC#M1-06	PH-02	6	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Soil-gas
EGC#M1-07	PH-02	9	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Soil-gas
EGC#M1-08	PH-02	12	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Soil-gas
EGC#M1-09	PH-03	3	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Soil-gas
EGC#M1-10	PH-03	6	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Soil-gas
EGC#M1-11	PH-03	9	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Soil-gas
EGC#M1-12	PH-03	12	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Soil-gas
EGC#M1-12-D	PH-03	12	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Soil-gas
Blank-91	N/A	N/A	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	QC - Duplicate
QCRT-30	N/A	N/A	11	611	534	532	512	QC - System Blank
Blank-92	N/A	N/A	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	QC - Retention Times
STD-1205	N/A	N/A	12	705	705	706	707	QC - System Blank
Blank-93	N/A	N/A	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Calibration Standard
Blank-94	N/A	N/A	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	QC - System Blank
LINDRITH23-01	PH-01	21-27	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	QC - Probe Rod Blank
LINDRITH23-02	PH-02	21-27	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Groundwater
LINDRITH23-03	PH-03	21-27	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Groundwater
LINDRUTHB24-01	PH-01	21-27	<1	3	ND(1)	2	ND(1)	Groundwater
			ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	Groundwater

D = duplicate analysis.

QC = quality control.

ug/L = micrograms of compound detected per liter of soil or groundwater vapor analyzed.

ND = not detected at the lower quantifiable limit indicated in parenthesis.

N/A = not applicable.

MS = matrix spike.

QA Review:

*Paul E. Anderson*

Review Date:

1-31-96 SK 2/13/96



District I  
PO Box 1980, Hobbs, NM 88241-1980

District II  
P.O. Drawer DD, Artesia, NM 88211-0719

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

District IV  
PO Box 2088, Santa Fe, NM 87504-2088

Form C-104

Revised February 21, 1994

Instructions on back

Submit to Appropriate District Office

5 Copies

☐ AMMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

<sup>1</sup> Operator Name and Address Taurus Exploration U.S.A., Inc. 2101 Sixth Avenue North Birmingham, AL 32503-2784		<sup>2</sup> OGRID Number 162928
		<sup>3</sup> Reason for Filing Code CO - 8/1/97
<sup>4</sup> API Number 30-039-05523	<sup>5</sup> Pool Name BLANCO P.C. SOUTH (GAS)	<sup>6</sup> Pool Code 72439
<sup>7</sup> Property Code 007261	<sup>8</sup> Property Name LINDRITH UNIT	<sup>9</sup> Well Number #23

II. <sup>10</sup> Surface Location

UI or lot no. 0	Section 9	Township 024N	Range 003W	Lot.Idn	Feet from the 1150	North/South Line S	Feet from the 1800	East/West Line E	County RIO ARriba
--------------------	--------------	------------------	---------------	---------	-----------------------	-----------------------	-----------------------	---------------------	----------------------

<sup>11</sup> Bottom Hole Location

UI or lot no.	Section	Township	Range	Lot.Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
<sup>12</sup> Lse Code T	<sup>13</sup> Producing Method Code	<sup>14</sup> Gas Connection Date	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date				

III. Oil and Gas Transporters

<sup>18</sup> Transporter OGRID 7057	<sup>19</sup> Transporter Name and Address EL PASO FIELD SERVICES P.O. BOX 1492 EL PASO, TX 79978	<sup>20</sup> POD	<sup>21</sup> O/G G	<sup>22</sup> POD ULSTR Location and Description O-09-T024N-R003W

IV. Produced Water

<sup>23</sup> POD	<sup>24</sup> POD ULSTR Location and Description
-------------------	--

V. Well Completion Data

<sup>25</sup> Spud Date	<sup>26</sup> Ready Date	<sup>27</sup> TD	<sup>28</sup> PBTD	<sup>29</sup> Perforations
<sup>30</sup> Hole Size	<sup>31</sup> Casing & Tubing Size	<sup>32</sup> Depth Set	<sup>33</sup> Sacks Cement	

VI. Well Test Data

<sup>34</sup> Date New Oil	<sup>35</sup> Gas Delivery Date	<sup>36</sup> Test Date	<sup>37</sup> Test Length	<sup>38</sup> Tbg. Pressure	<sup>39</sup> Csg. Pressure
<sup>40</sup> Choke Size	<sup>41</sup> Oil	<sup>42</sup> Water	<sup>43</sup> Gas	<sup>44</sup> AOF	<sup>45</sup> Test Method

OIL CONSERVATION DIVISION

Approved by:

37.8

Title: SUPERVISOR DISTRICT #3

Approved Date:

AUG 01 1997

<sup>46</sup> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Printed Name: Joe D. Niederhofer

Title: General Manager -- San Juan Basin

Date: 7/15/97 Phone (205) 326-2710

<sup>47</sup> If this is a change of operator fill in the OGRID number and name of the previous operator  
14538 Burlington Resources Oil & Gas Co.

Previous Operator Signature

Signature: Dolores Diaz

Printed Name

Dolores Diaz

Title

Production Associate

Date

8/1/97



I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

<sup>1</sup> Operator name and Address ENERGEN RESOURCES CORPORATION 2198 Bloomfield Hwy Farmington NM 87401		<sup>2</sup> OGRID Number 162928
		<sup>3</sup> Reason for Filing Code CH 10-1-98
<sup>4</sup> API Number 30-0 30-039-05523	<sup>5</sup> Pool Name S BLANCO PICTURED CLIFFS	<sup>6</sup> Pool Code 72439
<sup>7</sup> Property Code 21964	<sup>8</sup> Property Name LINDRITH UNIT	<sup>9</sup> Well Number 23

II. <sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
0	09	24N	03W		1150	S	1800	E	RA

<sup>11</sup> Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
<sup>12</sup> Lse Code P	<sup>13</sup> Producing Method Code	<sup>14</sup> Gas Connection Date	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date				

III. Oil and Gas Transporters

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> POD	<sup>21</sup> O/G	<sup>22</sup> POD ULSTR Location and Description
				RECEIVED SEP 22 1998 OIL CON. DIV. DMR #3

IV. Produced Water

<sup>23</sup> POD	<sup>24</sup> POD ULSTR Location and Description

V. Well Completion Data

<sup>25</sup> Spud Date	<sup>26</sup> Ready Date	<sup>27</sup> TD	<sup>28</sup> PBSD	<sup>29</sup> Perforations	<sup>30</sup> DHC, DC, MC
<sup>31</sup> Hole Sie	<sup>32</sup> Casing & Tubing Size	<sup>33</sup> Depth Set	<sup>34</sup> Sacks Cement		

VI. Well Test Data

<sup>35</sup> Date New Oil	<sup>36</sup> Gas Delivery Date	<sup>37</sup> Test Date	<sup>38</sup> Test Length	<sup>39</sup> Tbg. Pressure	<sup>40</sup> Csg. Pressure
<sup>41</sup> Choke Size	<sup>42</sup> Oil	<sup>43</sup> Water	<sup>44</sup> Gas	<sup>45</sup> AOF	<sup>46</sup> Test Method

<sup>47</sup> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name:

Original signed by Joe Niederhofer

Title:

General Manager

Date:

17-Sep-98

Phone:

505-325-6800

OIL CONSERVATION DIVISION

Approved by:

*[Signature]*

Title:

SUPERVISOR DISTRICT #3

Approval Date:

OCT 1 1998

<sup>47</sup> If this is a change of operator fill in the OGRID number and name of the previous operator

Taurus Exploration U.S.A., Inc. #162928

1-Oct-98

Previous Operator Signature

Printed Name

Title

Date

