



Texaco

OIL CONSERVATION DIVISION
RECEIVED

'89 NOV 30 AM 9 50

Texaco Inc.
3300 N. Butler Ave.
Farmington, NM 87401
November 29, 1989

Oil Conservation Division
P.O. Box 2088
Santa Fe, NM 87501

Copy sent to E. Busch 12/1/89

Attention: Mr. Mike Stogner

*(Dual
Combination)*

Re: L. L. McConnell Well No. 1
1190' FSL & 1450' FWL
Section 30 T-25-N R-03-W
Rio Arriba County, New Mexico
West Lindrith Pool

Gentlemen:

Texaco Inc. respectfully requests permission to complete the above referenced well at an unorthodox location in the West Lindrith (Gallup and Dakota) Pool. The L. L. McConnell No. 1 was drilled to a TD of 9011' in December of 1955 with 5-1/2" casing set at 8170'. The well was plugged back to 3750', and then completed in the Picture Cliff formation of the same year. Texaco now proposes to plug the Picture Cliff perforations and recomplete the well in the Mesa Verde, Gallup, and Dakota formations.

Attached for your information is a copy of the C-102 and a plat of the offset operators. If you have any questions or need additional information concerning this matter, please contact Mark Wakefield at (505) 325-4397.

Yours very truly,

Alan A. Kleier

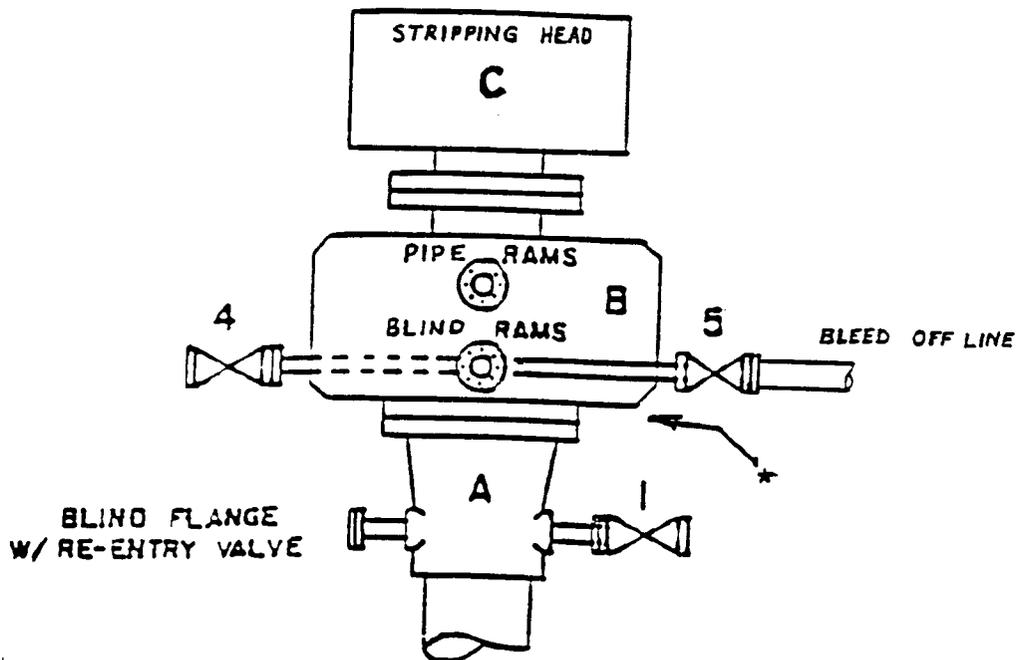
~~Alan A. Kleier~~
Area Manager

*to call back Mon.
12/4/89 about
notification*

MSW/s

Attachments

DRILLING CONTROL
CONDITION III-3000 PSI WP



*Where substructure height is adequate, a spool as per the specifications under Condition II will be added at this point and the kill and choke lines will be connected to the spool rather than rams.

To be used:

1. For drilling wells where surface pressures are not anticipated to exceed 3,000 psi.
2. Where local drilling experience indicates a need for an annular preventer.
3. Where only surface pipe is needed to complete drilling operations.

District Office
State Lease - 4 copies
Fee Lease - 3 copies

OIL CONSERVATION DIVISION

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

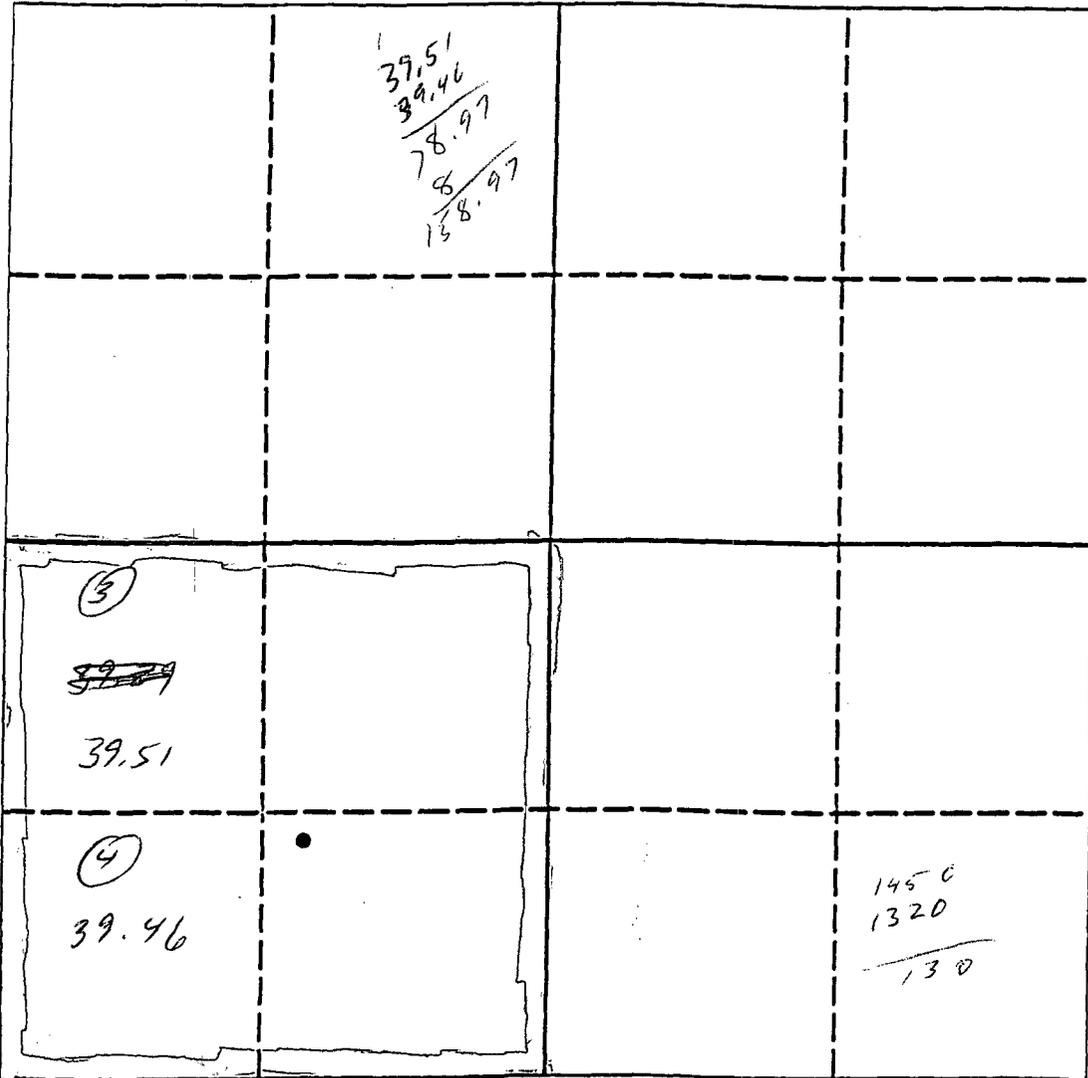
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator TEXACO INC.		Lease L. L. McConnell		Well No. #1
Unit Letter N	Section 30	Township T25N	Range R3W	County Rio Arriba
Actual Footage Location of Well: 1190 feet from the South line and 1450 feet from the West line				
Ground level Elev. 7249	Producing Formation Gallup-Dakota		Pool West Lindrith	Dedicated Acreage: 160 Acres

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?
 Yes No If answer is "yes" type of consolidation _____
 If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary).
 No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION

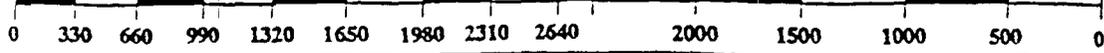
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature: *Alan A. Kleier*
 Printed Name: **Alan A. Kleier**
 Position: **Area Manager**
 Company: **Texaco Inc.**
 Date: **11-10-89**

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed: _____
 Signature & Seal of Professional Surveyor: _____
 Certificate No.: _____



District Office
State Lease - 4 copies
Fee Lease - 3 copies

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

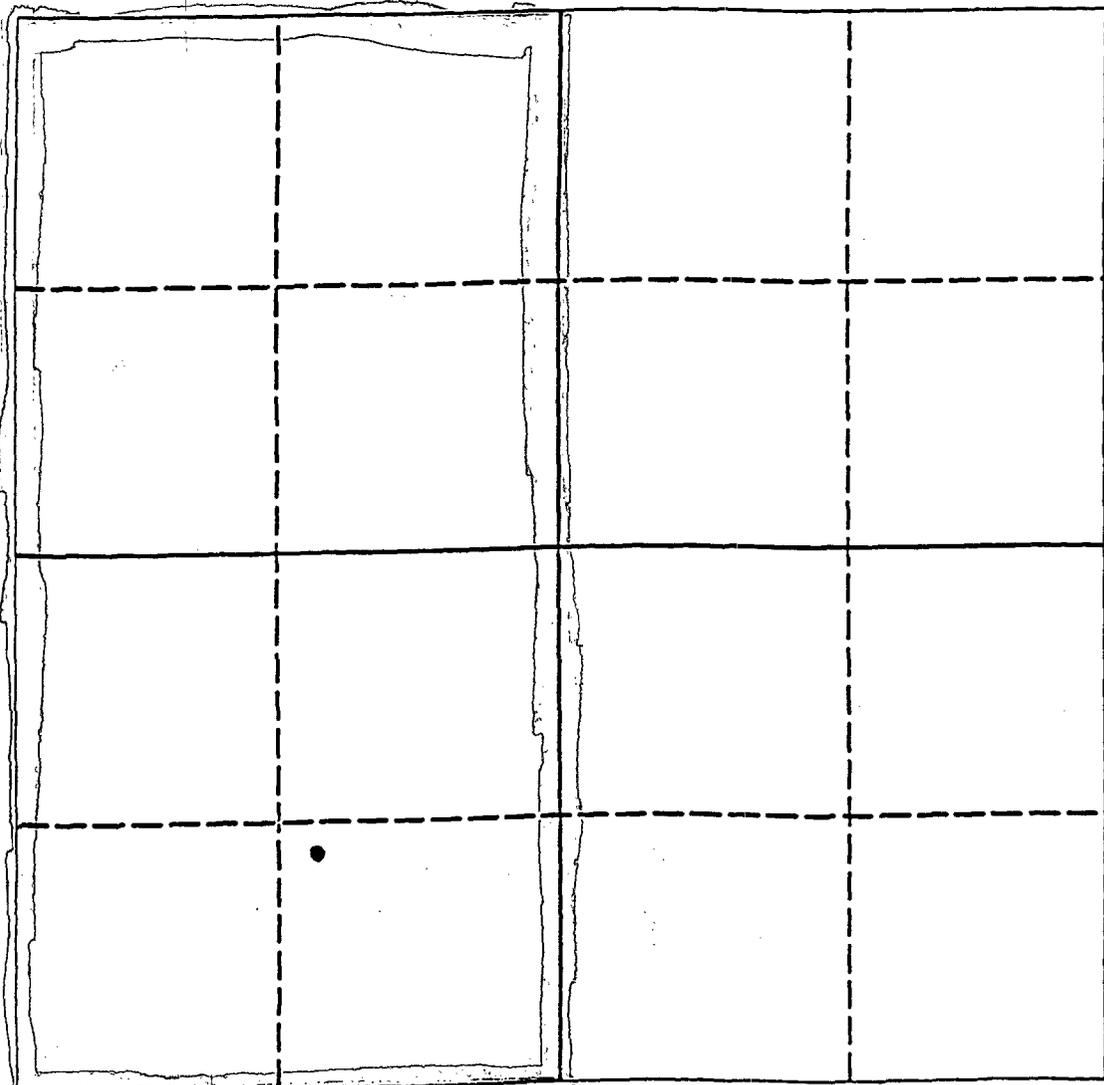
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator TEXACO INC.		Lease L. L. McConnell		Well No. #1
Unit Letter N	Section 30	Township T25N	Range R3W	County NMPM Rio Arriba
Actual Footage Location of Well: 1190 feet from the South line and 1450 feet from the West line				
Ground level Elev. 7249	Producing Formation Mesa Verde	Pool Blanco	Dedicated Acreage: 320 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?
 Yes No If answer is "yes" type of consolidation _____
 If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____
 No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature
Alan A. Kleier

Printed Name
Alan A. Kleier

Position
Area Manager

Company
Texaco Inc.

Date
11-10-89

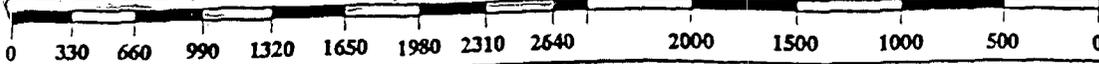
SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

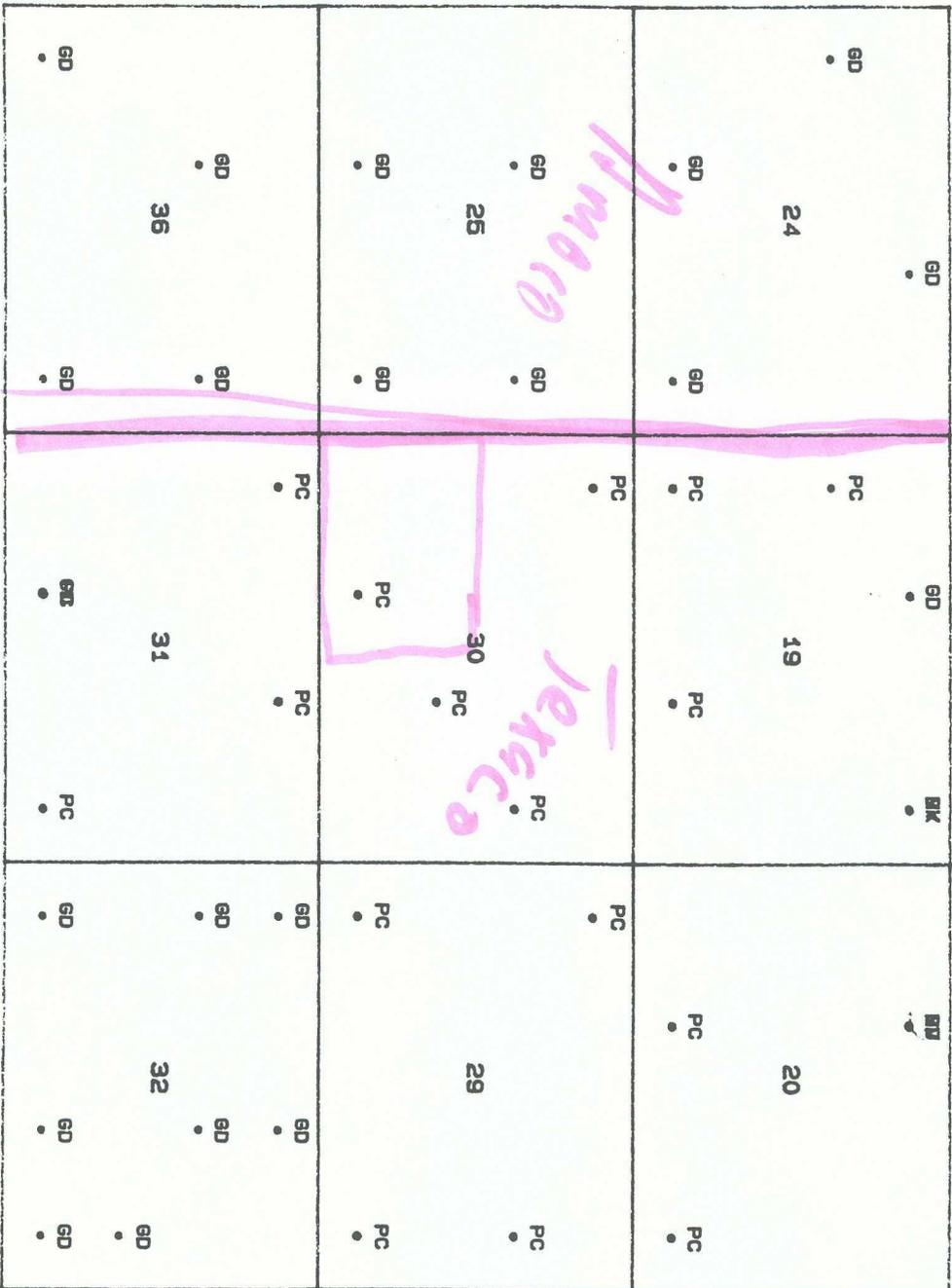
Signature & Seal of Professional Surveyor

Certificate No.



<p>AMOCO PRODUCTION JIGARILLA APACHE TRIBAL 125 24</p>	<p>TE^{GD}XACO INC. LYDIA RENTZ 19</p>	<p>TE^{BU}XACO INC. LYDIA RENTZ 20</p>	<p>BI^B</p>
<p>AMOCO PRODUCTION JIGARILLA APACHE TRIBAL 125 25</p>	<p>PC TEXACO INC. L.L. MCCONNELL 30 PC #1</p>	<p>PC TEXACO INC. L.L. MCCONNELL 29</p>	<p>PC</p>
<p>AMOCO PRODUCTION JIGARILLA APACHE TRIBAL 125 36</p>	<p>PC TEXACO INC. L.L. MCCONNELL 31</p>	<p>GD JOSEPH B. SOULD PHILLIPS 32</p>	<p>PC</p>
<p>GD</p>	<p>GD</p>	<p>GD</p>	<p>GD</p>

T-25-N R-03-W





Texaco

OIL CONSERVATION DIVISION
RECEIVED

'89 DEC 11 AM 9 27

Texaco Inc.
3300 N. Butler Ave.
Farmington, NM 87401
December 6, 1989

Oil Conservation Division
P.O. Box 2088
Santa Fe, NM 87501

Attention: Mr. Mike Stogner

Re: L. L. McConnell Well No. 1
1190' FSL & 1450' FWL
Section 30 T-25-N R-03-W
Rio Arriba County, New Mexico
West Lindrith Pool

Gentlemen:

As requested, attached is Texaco's notification to an offset operator for above referenced well, which will be completed at an unorthodox location in the West Lindrith (Gallup and Dakota) Pool. Attached for your information is a copy of the notification, C-102 and a plat supplied to Amoco. If you have any questions or need additional information concerning this matter, please contact Mark Wakefield at (505) 325-4397.

Yours very truly,

Alan A. Kleier
Area Manager

MSW/s

Attachments



Texaco

Texaco Inc.
3300 N. Butler Ave
Farmington, NM 87401
December 6, 1989

Amoco Production Company
1670 Broadway
Denver, CO 81301

RE: Unorthodox Location
L. L. McConnell Well No. 1
1990' FSL & 1450' FWL
Section 30 T-30-N R-03-W
Rio Arriba County, New Mexico

Gentlemen:

As an offset operator to the spacing unit for the referenced well, you are being furnished with a copy of our application for an exception to NMOCD Rule 104.C.I.. If you have no objections, please sign the waiver at the bottom of this letter and return it to this address. If no objection is received within 20 days, the Director may approve the proposed application.

Yours very truly,

Alan A. Kleier
Area Manager

MSW/s

Attachment

Waiver Approval:

COMPANY: _____

BY: _____

DATE: _____

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.
 Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.
 1. Show to whom delivered, date, and addressee's address. Restricted Delivery (Extra charge)†
 2. Restricted Delivery (Extra charge)†

3. Article Addressed to:
Amoco Production
1670 Broadway
Denver, CO 81301

4. Article Number _____
 Type of Service:
 Registered Insured
 Certified COD
 Express Mail
 Always obtain signature of addressee or agent and **DATE DELIVERED.**

5. Signature — Addressee
 X _____

8. Addressee's Address (ONLY if requested and fee paid)

6. Signature — Agent
 X _____

7. Date of Delivery _____

PS Form 3811, Mar. 1987 * U.S.G.P.O. 1987-176-268 DOMESTIC RETURN RECEIPT

MAIL

7-57321 N1 N1 504

CERTIFIED

Fold at-line over top of envelope to the right of the return address

STAMPS TO ARTICLE TO COVER FIRST CLASS POSTAGE, AND CHARGES FOR ANY SELECTED OPTIONAL SERVICES. (see front)

marked, stick the gummed stub to the right of the return address leaving the article at a post office service window or hand it to your rural carrier.

not postmarked, stick the gummed stub to the right of the return address of the receipt, and mail the article.

write the certified mail number and your name and address on a return which is to the front of the article by means of the gummed ends (if space per- of article. Endorse front of article **RETURN RECEIPT REQUESTED**

id to the addressee, or to an authorized agent of the addressee, endorse in the front of the article.

requested in the appropriate spaces on the front of this receipt. If return applicable blocks in item 1 of Form 3811.

it if you make inquiry.

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	GAS
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NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
 Supersedes Old C-104 and C-1
 Effective 1-1-85

RECEIVED
 MAY - 2 1985

Operator: **Texaco Inc., Operator of Permian-Texaco Producing Inc. (TPI)**
 Address: **4601 DTC Blvd, Denver, Colorado 80237**

Reasons for filing (check proper box):
 New well Change in Transporter of: Oil Dry Gas
 Recompletion Change in Ownership Casinghead Gas Condensate

Other (Please explain): **Change of Operator from Getty Oil Company to Texaco Inc. (Operator for TPI)**

If change of ownership give name and address of previous owner: _____

II. DESCRIPTION OF WELL AND LEASE

Lease Name: **McConnell, L.L.** Well No.: **1** Pool Name, including Formation: **South Blanco PC** Kind of Lease: **Federal** Lease No.: **079602**

Location: **N 1190** Feet From The **South** Line and **1450** Feet From The **West** Line of Section **30** Township **25N** Range **3W** N.M.P.M. **Rio Arriba** County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil or Condensate Address: (Give address to which approved copy of this form is to be sent) **P.O. Box 1528 Denver, Colorado 80201**

Name of Authorized Transporter of Casinghead Gas or Dry Gas Address: (Give address to which approved copy of this form is to be sent) **P.O. Box 990 Farmington, NM 87499**

If well produces oil or liquids, give location of tanks: _____ Unit: **N 30 25N 3W** Is gas actually connected? **Yes**

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

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug back	Some Restr.	Dist. Restr.
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.					
Elevations (DF, RKB, RI, GR, etc.)	Name of Producing Formation	Top of Oil/Gas Pay	Tubing Depth					
Perforations	Depth Casing Shoe							

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

RECEIVED
 JAN 31 1985

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Solids - gal/MCF	DIST. 3	Gravity of Condensate
Testing Method (pu-t, back pr.)	Tubing Pressure (shut-in)	Casing Pressure (shut-in)		

VI. CERTIFICATE OF COMPLIANCE

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

[Signature]
 District Manager/Farmington
 1/28/85

OIL CONSERVATION COMMISSION

APPROVED: *[Signature]* **JAN 31 1985**
 BY: *[Signature]*
 TITLE: **SUPERVISOR DISTRICT # 2**

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.

NO. OF COPIES RECEIVED	7
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	GAS
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NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-110
Effective 1-1-65

I. Operator
Getty Oil Company
 Address
Box 3360, Casper, WY 82602
 Reason(s) for filing (Check proper box) Other (Please explain)
 New Well Change in Transporter of:
 Recompletion Oil Dry Gas
 Change in Ownership Costinghead Gas Condensate
 If change of ownership give name and address of previous owner **Skelly Oil Company, Box 3360, Casper, WY 82602**

II. DESCRIPTION OF WELL AND LEASE
 Lease Name **L. L. McConnell** Well No. **1** Pool Name, including Formation **S. Planco-Pictured Cliffs** Kind of Lease **Fed SF** Lease No. **079602**
 Location
 Unit Letter **N** **1190** Feet From The **South** Line and **1450** Feet From The **West**
 Line of Section **30** Township **25N** Range **3W** , NMPM, **Rio Arriba** County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS
 Name of Authorized Transporter of Oil or Condensate Address (Give address to which approved copy of this form is to be sent)
 Name of Authorized Transporter of Costinghead Gas or Dry Gas Address (Give address to which approved copy of this form is to be sent)
El Paso Natural Gas Company **Box 990, Farmington, NM 87401**
 If well produces oil or liquids, give location of tanks. Unit Sec. Twp. Rge. Is gas actually connected? When
yes

IV. COMPLETION DATA
 Designate Type of Completion - (X) Oil Well Gas Well New Well Workover Deepen Plug Back Some Res'v. Diff. Res'v.
 Date Spudded Date Compl. Ready to Prod. Total Depth P.B.T.D.
 Elevations (DF, RKB, RT, CR, etc.) Name of Producing Formation Top Oil/Gas Pay Tubing Depth
 Perforations Depth Casing Shoe
 TUBING, CASING, AND CEMENTING RECORD
 HOLE SIZE CASING & TUBING SIZE DEPTH SET SACKS CEMENT

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)
 Date First New Oil Run To Tanks Date of Test Producing Method (Flow, pump, gas lift, etc.)
 Length of Test Tubing Pressure Casing Pressure Choke Size
 Actual Prod. During Test Oil-Bbls. Water-Bbls. Gas MCF
FEB 15 1977
OIL CON. COM.
DIST. 3

GAS WELL
 Actual Prod. Test-MCF/D Length of Test Bbls. Condensate/MCF Gravity of Condensate
 Testing Method (pilot, back pr.) Tubing Pressure (Shut-in) Casing Pressure (Shut-in) Choke Size

VI. CERTIFICATE OF COMPLIANCE
 I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.
 Signature: *Ray J. McWhorter*
 Area Superintendent
 2/7/77
 (Date)

OIL CONSERVATION COMMISSION
 APPROVED **FEB 15 1977**, 19_____
 BY *W. E. Maxwell*
 TITLE **PEROLEUM ENGINEER DIST. NO. 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.
 Form C-104 must be filed for each pool in multiply

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OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

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

Santa Fe, New Mexico

REQUEST FOR ~~(8888)~~ - (GAS) ALLOWABLE WORKOVER

Received
Recompleted

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 QUADRUPPLICATE 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 January 3, 1963
(Place) (Date)

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

Skelly Oil Company L. L. McConnell, Well No. 1, in SE 1/4 SW 1/4,
(Company or Operator) (Lease)
N 25N, Sec. 30, T. 25N, R. 3W, NMPM, South Blanco Pool

Rio Arriba

workover Date Started 10/16/62 workover Date Del. of Gas Completed 10/18/62

Please indicate location:

Elevation 7249' G.L. Total Depth 9011' PBDT 3750'

Top Oil/Gas Pay 3595' Name of Prod. Form. Pictured Cliffs

D	C	B	A
E	F	G	H
L	K	J	I
M	N	O	P

PRODUCING INTERVAL -

Perforations 3595' - 3665'

Open Hole Depth 8170' Casing Shoe 8170' Tubing Depth 3670'

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: _____ MCF/Day; Hours flowed _____ Choke Size _____

1190' FSL - 14500 FWL
(FOOTAGE)

Tubing, Casing and Cementing Record

Size OD	Feet LTM	Size
13-3/8"	386	500
5-1/2"	8159	700
1.660"	3658	

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

Test After Acid or Fracture Treatment: _____ MCF/Day; Hours flowed _____

Choke Size _____ Method of Testing: _____

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand): _____

Casing Press. _____ Tubing Press. _____ Date of first Del. of gas after workover: 10/22/62

Oil Transporter _____

Gas Transporter El Paso Natural Gas Company

Remarks This well was cleaned out from 3600' to 3750' and the 2-3/8" OD EUE tubing was replaced with 1 1/4" NUE tubing. This remedial work increased the deliverability of this well from 31 MCF/day to 61 MCF/day. Based on this information an increase in allowable is requested.

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

Approved JAN 9 1963, 1963

OIL CONSERVATION COMMISSION

By: W.B. Smith

Title DEPUTY OIL & GAS INSPECTOR DIST. NO. 9

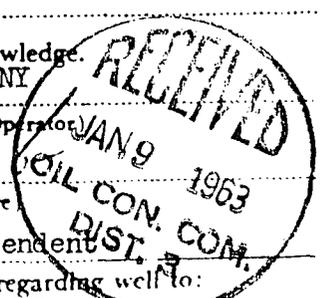
SKELLY OIL COMPANY

(Company or Operator)

By: [Signature] District Superintendent

Title Send Communications regarding well No. SKELLY OIL COMPANY

Name Drawer No. 510



OIL CONSERVATION COMMISSION

BOX 697

120 EAST CHACO

AZTEC, NEW MEXICO

O W W O

NOTICE OF GAS CONNECTION

DATE November 9, 1962

THIS IS TO NOTIFY THE OIL CONSERVATION COMMISSION THAT CONNECTION FOR THE PURCHASE OF GAS FROM

THE Skelly Oil Company
OPERATOR

McConnell #1 "N" 30-25-3
LEASE WELL UNIT S-T-R

South Blanco Pictured Cliff El Paso Natural Gas Company
POOL NAME OF PURCHASER

WAS MADE ON - DATE , FIRST DELIVERY October 22, 1962 DATE

1.0 - 6 - 62

INITIAL POTENTIAL

El Paso Natural Gas Company
PURCHASER

E. M. Rodgers
REPRESENTATIVE

Chief Dispatcher
TITLE

CC: TO OPERATOR Tulsa & Farmington
OIL CONSERVATION COMMISSION - SANTA FE
F. N. WOODRUFF - EL PASO
B. D. ADAMS

FILE



(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 SKELLY OIL COMPANY Lease L. L. McConnell

Well No. 1 Unit Letter N S 30 T 25N R 3W Pool South Blanco - P.C.

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

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 Date Connected _____

(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 _____ ()

Change in Transporter of (Check One): Oil () Dry Gas (x) 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 8th day of February 19 60

By [Signature]
Title District Superintendent

Approved MAR 29 1960 19

OIL CONSERVATION COMMISSION

By [Signature]
Title Supervisor Dist. # 3

Company SKELLY OIL COMPANY
Address Box 426 Farmington, New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

(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 SKELLY OIL COMPANY Lease L. L. McConnell

Well No. 1 Unit Letter N S 30 T 25N R 3W Pool Undesignated

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

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 Pacific Northwest Pipeline Corp.

Address P.O. Box 1526, Salt Lake City, Utah

(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:

Shut in for pipeline connection

Reasons for Filing: (Please check proper box) New Well L. L. McConnell #1 (X)

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

Change in Ownership () Other ()

Remarks: _____ (Give explanation below)

RECEIVED
DEC 18 1956
OIL CON. COM.
DIST. NO. 3

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

Executed this the 15 day of December 19 56

Approved _____

1-2 19 57

By P. L. Cooper

Title District Foreman

Company Skelly Oil Company

Address Box 426

OIL CONSERVATION COMMISSION

By A. R. Kerdish

Title PETROLEUM ENGINEER DIST. NO. 3

FARMINGTON, NEW MEXICO

OIL CONSERVATION COMMISSION

Date December 27, 1956

SKELLY OIL COMPANY
Operator

L. L. McConnell
Lease

1
Well No.

Name of Producing Formation Pictured Cliffs Pool Undesignated

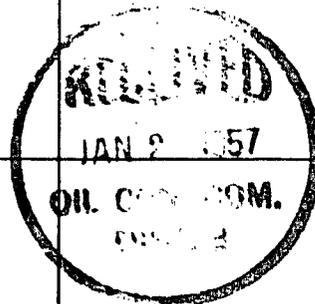
No. Acres Dedicated to the Well ~~160~~ 158.97

CHANGE
OK
(Signature)

Indicate land status and show ownership

SECTION 30 TOWNSHIP 25N RANGE 3W

OIL CONSERVATION COMMISSION
DISTRICT OFFICE



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

Name P. E. Casper
Position District Foreman

Representing Skelly Oil Company

Address Box 426, Farmington, New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

(Form C-104)
(Revised 7/1/52)

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

New Well
~~Recompleted~~

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 QUADRUPPLICATE 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 oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Farmington, New Mexico - December 14, 1956
(Place) (Date)

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

Skelly Oil Company - L. L. McConnell (Company or Operator), Well No. 1, in SE 1/4 SW 1/4, N Sec. 30, T25N, R. 3W, NMPM, Undesignated Pool, Rio Arriba County. Date Spudded August 15, 1955, Date Completed November 1, 1955.

Please indicate location:

D	C	B	A
E	F	G	H
L	K	J	I
M	^{#1} O N	O	P

Elevation 7257 D.F. Total Depth 9011', P.B. 3750'

Top oil/gas pay 3595' Name of Prod. Form P.C.

Casing Perforations: 3595' to 3665' or

Depth to Casing shoe of Prod. String

Natural Prod. Test BOPD

based on bbls. Oil in Hrs. Mins.

Test after acid or shot Sand-Water Fraced BOPD

Based on bbls. Oil in Hrs. Mins.

Gas Well Potential 1,200 M.C.F.G.P.D.

Size choke in inches

Date first oil run to tanks or gas to Transmission system:

Transporter taking ~~Oil~~ or Gas Pacific Northwest Pipeline Corporation
P.O. Box 1526, Salt Lake City, Utah

Section 30-25N-3W

Casing and Cementing Record

Size	Feet	Sax
13-3/8"	385'	500
5-1/2"	8170'	700

Remarks:

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

Approved December 14, 1956

Skelly Oil Company
(Company or Operator)

By: P. E. Hooper
(Signature)

Title: District Foreman
Send Communications regarding well to:

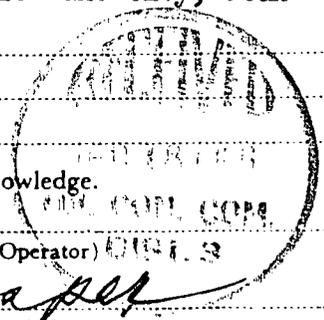
Name: Skelly Oil Company

Address: Box 126, Farmington, New Mexico

By: A. L. Kendrick
Title: PETROLEUM ENGINEER DIST. NO. 3

DEC 18 1956

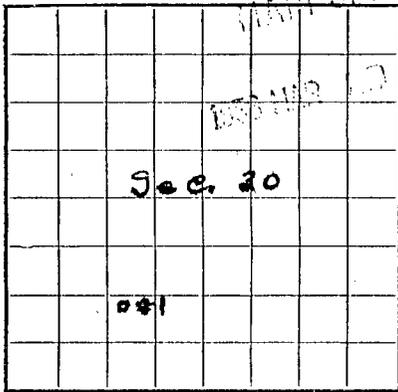
OIL CONSERVATION COMMISSION



U. S. LAND OFFICE Santa Fe
SERIAL NUMBER S. F. 079602
LEASE OR PERMIT TO PROSPECT

L. L. McConnell

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Skelly Oil Company Address P. O. Box, Farmington, New Mexico
Lessor or Tract L. L. McConnell Field Wildcat State New Mexico
Well No. 1 Sec. 30 T. 25N R. 3W Meridian N. M. P. M. County Rio Arriba
Location 1190 ft. N of S Line and 1450 ft. E of W Line of Section 30 Elevation 7257'
(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 [Signature]
Date January 18, 1956 Title District Foreman

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

Commenced drilling August 15, 1955 Finished drilling November 1, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3595' G to 3665' No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from none to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From--	To--	
<u>13-3/8</u>	<u>48#</u>	<u>8R</u>	<u>H-40</u>	<u>385'</u>	<u>Cement Guide</u>				
<u>5-1/2</u>	<u>17#</u>	<u>8R</u>	<u>N-80</u>	<u>1252'</u>					
<u>5-1/2</u>	<u>15.5#</u>	<u>8R</u>	<u>J-55</u>	<u>6926'</u>	<u>Comb. flbap</u>				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>13-3/8</u>	<u>387'</u>	<u>500</u>	<u>Circulated</u>		
<u>5-1/2</u>	<u>8170'</u>	<u>700</u>	<u>Halliburton</u>		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

FOLD MARK

FOLD MARK

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
 Adapters—Material _____ Size _____

SHOOTING RECORD

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

TOOLS USED

Rotary tools were used from 0' feet to 9011' feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

December 30, 1955 Put to producing _____, 19____
 The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____
 If gas well, cu. ft. per 24 hours 1,200,000 Gallons gasoline per 1,000 cu. ft. of gas _____
 Rock pressure, lbs. per sq. in. 910#

EMPLOYEES

Nichols-Duncan Drlg. Co., Driller _____, Driller
 _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0'	3285'	3285'	Sand and Shale
3285'	3437'	152'	Kirtland
3437'	3595'	158'	Fruitland
3595'	3665'	70'	Pictured Cliffs
3665'	5280'	1615'	Lewis
5280'	5312'	32'	Cliff House
5312'	5784'	472'	Menefee
5784'	5945'	161'	Point Lookout
5945'	6934'	989'	Mancos
6934'	7107'	173'	Hospah
7107'	7436'	329'	Gallup
7436'	7542'	106'	Sanastee
7542'	7752'	210'	Carlisle
7752'	7814'	62'	Greenhorn
7814'	7842'	28'	Graneros
7842'	8172'	330'	Dakota
8172'	8899'	727'	Morrison
8899'	8994'	95'	Toilto
8994'	9011'	17'	Entrada
9011'			Total Depth



UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

P. O. Box 965
 Farmington, New Mexico

COPY TO O. C. C.

July 28, 1955

Skelly Oil Company
 P. O. Box 426
 Farmington, New Mexico

Re: Santa Fe 079602

Gentlemen:

Receipt is acknowledged of your "Notice of Intention to Drill" dated July 27, 1955 covering your well No. 1 L. L. McConnell in SW $\frac{1}{4}$ sec. 30, T. 25 N, R. 3 W, N.M.P.M., Rio Arriba County, New Mexico, Wildcat pool.

Your proposed work is hereby approved subject to compliance with the provisions of the "Oil and Gas Operating Regulations" revised May 25, 1942, a copy of which will be sent to you on request, and subject to the following conditions:

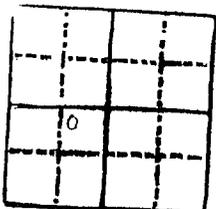
1. Drilling operations so authorized are subject to the attached sheet for general conditions of approval.
2. Furnish copies of all logs.

Very truly yours,

(Orig. Sgd.) P. T. McGRATH

P. T. McGrath
 District Engineer

PTMcGrath:al

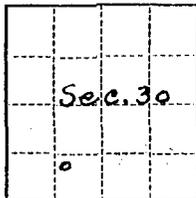


(SUBMIT IN TRIPLICATE)

Land Office Santa Fe

Lease No. S. F. 079602

Unit L. L. McConnell



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

RECEIVED

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	1955
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)

L. L. McConnell

July 27, 1955

Well No. 1 is located 1150 ft. from SW line and 1450 ft. from W line of sec. 30

SW/4 Sec. 30
(1/4 Sec. and Sec. No.)

25N
(Twp.)

3W
(Range)

N. M. P. M.
(Meridian)

Wildcat
(Field)

Rio Arriba
(County or Subdivision)

New Mexico
(State or Territory)

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

DETAILS OF WORK

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

It is our intention to drill well No. 1, to approximately 9000' to test the Entrada formation.

Our casing program includes approximately 450' 13-3/8" csg. cemented with 500 sacks cement, and 9000' 5-1/2" csg. cemented with 600 sacks cement.

The designated drilling unit is the SW/4 of Section 30.

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

Company SKELLY OIL COMPANY

Address P. O. Box 426,

Farmington, New Mexico

By

Title District Foreman

RECEIVED

III 1955

U. S. GEOLOGICAL SURVEY
WASHINGTON, NEW MEXICO

Company..... SKELLY OIL COMPANY.....

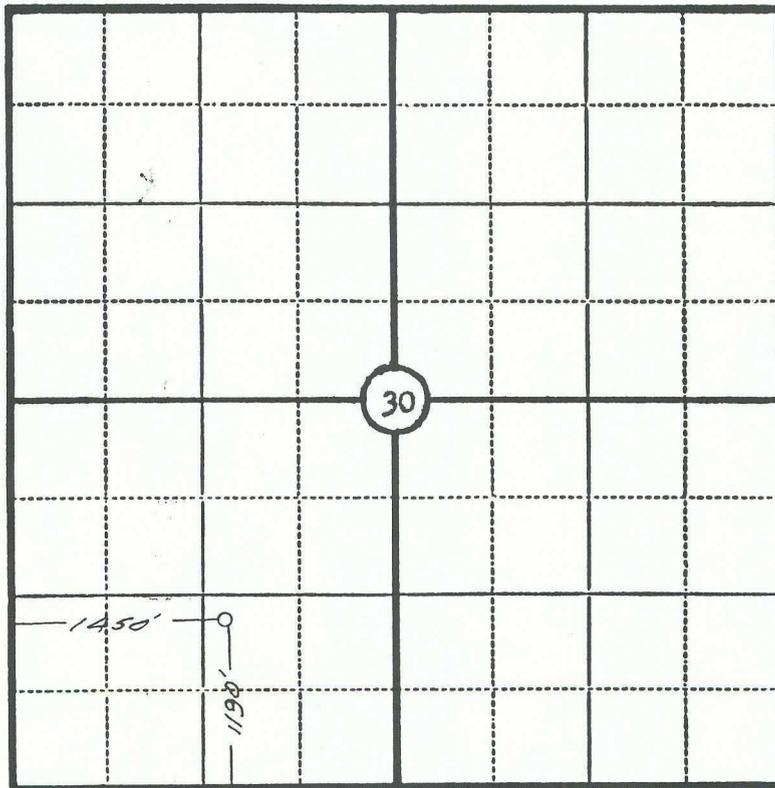
Lease..... Well No.....

Sec..... 30....., T..... 25 N....., R..... 3 W..... N.M.P.M.....

Location..... 1190' from the South line and 1450'
from the West line.....

Rio Arriba Co.

New Mexico



Scale—4 inches equal 1 mile.

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Seal:

James O. Leese

Registered Professional
Engineer and Land Surveyor.
N.M. Reg. No. 1463

Surveyed..... July 26....., 19..... 55.....

(SANTO NINO-BONE SPRING POOL - Cont'd.)

(5) This case shall be reopened at an examiner hearing in November, 1990 at which time the operators in the subject pool may appear and show cause why the Santo Nino-Bone Spring Pool should not be developed on 40-acre spacing units.

(6) Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

WEST LINDRITH GALLUP-DAKOTA OIL POOL
Rio Arriba County, New Mexico

Order No. R-4314-A, Adopting Operating Rules for the West Lindrith Gallup-Dakota Oil Pool, Rio Arriba County, New Mexico, January 7, 1988, as Amended by Order No. R-4314-A-1, January 7, 1988.

Order No. R-4314-A, as amended, rescinds Order No. R-4314, July 1, 1972.

In the Matter of the Hearing Called by the Oil Conservation Division on its Motion to Amend the Special Pool Rules for the Gavilan-Mancos Oil Pool, Rio Arriba County, New Mexico.

CASE NO. 9226
CASE NO. 9227
Order No. R-4314-A

ORDER OF THE DIVISION

BY THE DIVISION: These consolidated cases came on for hearing at 9:00 a.m. on November 19, 1987, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 7th day of January, 1988, the Commission, a quorum being present, having considered the testimony presented and the exhibits received at said hearing and being fully advised in the premises,

FINDS THAT:

(1) Due public notice having been given as required by law, the Commission has jurisdiction of these causes, the parties and the subject matter thereof.

(2) In Case 9226 the Oil Conservation Division on its own motion seeks to amend the Special Pool Rules for the West Lindrith Gallup-Dakota Oil Pool in Rio Arriba and Sandoval Counties, New Mexico, as promulgated by Division Order No. R-4314, to reconsider the well location requirements poolwide, to restate the allowable in the pool to reflect the daily oil allowable for a 160-acre unit in the depth range of this pool to 382 BOPD as promulgated by Division General Rule 505, and to create a

buffer zone in those sections that adjoin the Gavilan-Mancos Oil Pool to the east (Sections 1, 12, 13, 24, 25 and 36, Township 25 North, Range 3 West, Rio Arriba County) with any additional provisions which may be necessary and/or advisable to protect correlative rights along the common boundary of the two pools.

(3) In Case 9227 the Oil Conservation Division seeks on its own motion to amend the Special Pool Rules for the Gavilan-Mancos Oil Pool in Rio Arriba County, New Mexico, as promulgated by Division Order No. R-7407, as amended, to create a buffer zone utilizing those existing proration units in Sections 5, 6, 7, 8, 17, 18, 19, 20, 29, 30, 31, and 32, Township 25 North, Range 2 West, that adjoin the West Lindrith Gallup-Dakota Oil Pool with any additional provisions which may be necessary and/or advisable to protect correlative rights along the common boundary of the two pools.

(4) On June 27, 1987, by Order R-8188-A, the Commission formed the Northeast Ojito Gallup-Dakota Oil Pool out of the Ojito Gallup-Dakota Oil Pool so that the southern boundary of the Northeast Ojito Gallup-Dakota Oil Pool was contiguous with part of the northern boundary of the Ojito Gallup-Dakota Oil Pool.

(5) By Order R-8544, entered on November 19, 1987, the Commission in Case 9228 abolished the Ojito Gallup-Dakota Oil Pool which had been spaced on 40-acre statewide spacing and proration units and extended the West Lindrith Gallup-Dakota Oil Pool which is spaced on 160-acre spacing and proration units and now adjoins the Northeast Ojito Gallup-Dakota Oil Pool.

(6) As a result of the entry of Order R-8544, the West Lindrith Gallup-Dakota Oil Pool was expanded so that its eastern boundary became contiguous with the western boundary of the Gavilan-Mancos Oil Pool which has special pool rules, including restricted allowables, 640-acre spacing and well locations no closer than 790 feet to the outer boundary of a spacing and proration unit.

(7) Geologic testimony and evidence indicate that while the Mancos formation in the western portion of the Gavilan-Mancos Oil Pool is in fact the same common source of supply as the Gallup formation in the West Lindrith and Northeast Ojito Pools, the quality and intensity of the fracture system in the Gavilan-Mancos Oil Pool diminishes to the west indicating that production in West Lindrith Pool may be less enhanced by natural fracturing.

(8) The engineering evidence indicated producing characteristics between typical wells in each pool are such that differences in allowables for wells in the respective pools will not cause violation of correlative rights.

(9) Present data is insufficient to determine if future wells drilled in the West Lindrith boundary area will be capable of draining any portion of the Gavilan-Mancos Oil Pool.

(10) The 160-acre gas limit for West Lindrith covers both Gallup (Mancos) and Dakota production and is 764 MCF (4.775 MCF/per acre) per day while the 640-acre gas limit for Gavilan, which covers Mancos only, is 480 MCF (0.75 MCF per acre) per day creating a difference in gas limits between the two pools of 2576 MCF (4.025 MCF per acre) per day per 640-acre tract.

(11) The testimony indicated there are no wells currently producing in the West Lindrith Pool boundary area that are capable of producing a 160-acre gas limit, however the area is sparsely developed at this time.

(12) Among the issues to be considered by the Commission was the creation of a buffer zone between the two pools and the adoption of a buffer gas allowable for those spacing units in each pool within approximately one-half mile of the common boundary.

(WEST LINDRITH GALLUP-DAKOTA OIL POOL) - Cont'd.)

(13) Average production per well in both West Lindrith and Gavilan Pools are well below the top allowable rate but individual well production varies greatly and the area of the common boundary is still under development.

(14) At least one well in the proposed Gavilan Mancos Buffer Zone area is capable of producing in excess of the current top allowable, and an increased allowable in the Gavilan boundary area may result in a violation of correlative rights within the Gavilan-Mancos Oil Pool.

(15) Although the Dakota formation is produced in conjunction with the Gallup formation throughout the West Lindrith Pool and contributes significant production in part of the West Lindrith Pool, testing to date of the Dakota formation in the boundary area of both pools indicates that the Dakota formation in the boundary area is of marginal productivity and therefore the Gallup section provides the majority of oil and gas production.

(16) The difference in gas limits between West Lindrith Pool and Gavilan-Mancos Pool currently has no adverse effect on correlative rights across the common pool boundary because there are no wells in the West Lindrith boundary area that are capable of producing the gas limit rate; however, the potential for disparate withdrawals exists for future wells.

(17) The evidence shows that no adjustments to allowables is necessary at this time but provisions should be made for timely adjustments in allowables should future development so warrant.

(18) Because of the fact that the source of supply in the Gallup (Mancos) formation is common between West Lindrith, Northeast Ojito and Gavilan and there is a large disparity in per-acre allowables between Gavilan on the one hand and West Lindrith and Northeast Ojito on the other hand, and further because the location requirements for wells in West Lindrith differs from that in both Gavilan and Northeast Ojito, and in fact all other 160-acre spaced pools in this area, it is necessary, in order to prevent waste and protect correlative rights, to formulate special rules for any West Lindrith well to be drilled within a one-half mile pool boundary area which rules should include the following:

(a) That no well completed or recompleted in the West Lindrith Pool shall be drilled closer than 790 feet to the pool boundary unless there is a direct producing offset well located closer than 790 feet.

(b) Should any West Lindrith well in the one-half mile buffer area adjacent to Gavilan be capable of producing at per-acre rates comparable to Gavilan Mancos top allowable wells, the production from said well shall be presumed to be from the Gallup interval unless the operator of said well performs testing to establish the relative contributions of the Gallup and Dakota intervals. Should the district supervisor find that producing rates from the Gallup interval in said well will adversely affect correlative rights across the common pool boundary, or cause waste, the Division may establish a reduced allowable in said well to protect correlative rights or prevent waste until the Division, after notice and hearing on the earliest docket date, acts to establish an appropriate allowable for the well or for all wells in the one-half mile buffer area. Such reduced allowable shall be no less than the average per acre gas limit for the two pools, currently $\frac{1}{2} (4.775 + 0.75) = 2.7625$ MCFPD per acre.

(19) Rule 6 of the special pool rules for the West Lindrith Gallup-Dakota Oil Pool should be restated to assign the depth bracket allowable at 382 barrels of oil to a standard 160-acre proration unit in accordance with current General Rule 505.

(20) The application in Case 9227 should be dismissed without prejudice.

IT IS THEREFORE ORDERED THAT:

(1) The application in Case 9227 is dismissed without prejudice.

(2) (As Amended by Order No. R-4314-A-1, January 7, 1988) "Effective January 1, 1988, Order No. R-4314, dated May 31, 1972 is hereby rescinded and the Special Rules and Regulations for the West Lindrith Gallup-Dakota Oil Pool, Rio Arriba County, New Mexico, are hereby promulgated, to read in their entirety, as follows:"

SPECIAL RULES FOR THE WEST LINDRITH GALLUP-DAKOTA OIL POOL

RULE 1. Each well completed or recompleted in the West Lindrith Gallup-Dakota Oil Pool or within one mile thereof and not closer to another Gallup-Dakota pool shall be spaced, drilled, operated, and produced in accordance with the Special Rules hereinafter set forth.

RULE 2. Each well shall be located on a standard unit containing 160 acres, more or less, substantially in the form of a square, which is a quarter-section being a legal subdivision of the United States Public Land Surveys.

RULE 3. The Director of the Division may grant an exception to the requirements of Rule 2 without notice and hearing when an application has been filed for a non-standard unit consisting of less than 160 acres or the unorthodox size or shape of the tract is due to a variation in the legal subdivision of the United States Public Land Surveys. All operators offsetting the proposed non-standard unit shall be notified of the application by registered or certified mail, and the application shall state that such notice has been furnished. The Director may approve the application upon receipt of written waivers from all offset operators or if no offset operator has entered an objection to the formation of the non-standard unit within 30 days after the Director has received the application.

RULE 4. Each well shall be located no nearer than 330 feet to the outer boundary of the proration unit or to any governmental quarter-quarter section line nor nearer than 660 feet to the nearest well drilling to or capable of producing from the same pool; provided however,

a. A boundary area is hereby created consisting of a band one-half mile wide extending from the pool boundary to a line one-half mile inside said boundary.

b. No well completed or recompleted in said boundary area shall be drilled closer than 790 feet to the pool boundary nor closer than 130 feet to the interior quarter-quarter section line unless a direct offset producing well is located closer than 790 feet to the pool boundary in which case the West Lindrith Well could be drilled as close to the boundary as the offset well.

(WEST LINDRITH GALLUP-DAKOTA OIL POOL) - Cont'd.)

c. No well completed or recompleted in the Gallup-Dakota interval outside but within one mile of the West Lindrith pool boundary and not within a mile of another pool containing the same, or part of the same, vertical interval shall be drilled closer than 790 feet to the quarter-section line nor closer than 130 feet to the interior quarter-quarter section line.

d. Any well which on the effective date of this order is completed in or drilling to the West Lindrith Gallup-Dakota Oil Pool at an unorthodox location under these rules is hereby granted an exception thereto.

RULE 5. The Director may grant an exception to the requirements of Rule 4 without notice and hearing when an application has been filed for an unorthodox location necessitated by topographical conditions or the recompletion of a well previously drilled to another horizon. All operators offsetting the proposed location shall be notified of the application by registered or certified mail, and the application shall state that such notice has been furnished. The Director may approve the application upon receipt of written waivers or if no objection to the unorthodox location has been entered within 20 days after the Director has received the application.

RULE 6. A standard proration unit (158 through 162 acres) shall be assigned a depth bracket allowable of 382 barrels of oil per day and in the event there is more than one well on a 160-acre proration unit, the operator may produce the allowable assigned to the unit from the wells on the unit in any proportion.

The allowable assigned to a non-standard proration unit shall bear the same ratio to a standard allowable as the acreage in such non-standard unit bears to 160 acres.

RULE 7. The limiting gas-oil ratio for the West Lindrith Gallup-Dakota Oil Pool shall be 2000 cubic feet of gas per barrel of oil produced.

RULE 8. a. In the event any West Lindrith well located in the boundary area described in rule 4(a) above offsets the Gavilan-Mancos Pool, the production from said well shall be presumed to be entirely from the Gallup (Mancos) interval unless the operator of said well demonstrates through testing to the satisfaction of the Division's district supervisor the proportional contributions of the Gallup and Dakota intervals.

b. In the event a well drilled in the boundary area offsetting the Gavilan-Mancos Pool indicates the capacity to produce at rates greater on a per-acre basis than the top allowable rates of a Gavilan-Mancos well the Division is hereby authorized to reduce the gas limit of said well to a rate which will protect correlative rights or prevent waste which limit shall continue in effect until the Division, after notice and hearing at the earliest hearing docket thereafter, enters an order establishing an appropriate allowable for said well or for all wells in said portion of the boundary area. Said interim gas limit shall not be less than the average of the per-acre gas limits of the Gavilan Mancos and West Lindrith Pools which currently is $\frac{1}{2}$ (4.775 + 0.75) = 2.7625 MCFPD per acre.

IT IS FURTHER ORDERED THAT:

(3) The location of all wells presently drilling to or completed in the West Lindrith Gallup-Dakota Oil Pool are hereby approved; the operator of any well having an unorthodox location shall notify the Aztec District Office of the Division in writing of the name and location of the well on or before February 1, 1988.

(4) Pursuant to Section 70-2-18 contained in Chapter 271, Laws of 1969, existing wells in the West Lindrith Gallup-Dakota Oil Pool shall have dedicated thereto 160 acres in accordance with the foregoing pool rules; or, pursuant to Paragraph C. of said Section 70-2-18, existing wells may have non-standard spacing or proration units established by the Division and dedicated thereof.

Failure to file new Forms C-102 with the Division dedicating 160 acres to a well or to obtain a non-standard unit approved by the Division within 60 days from the date of this order shall subject the well to cancellation of allowable. Until said Form C-102 has been filed or until a non-standard unit has been approved, and subject to said 60-day limitation, each well presently drilling to or completed in the West Lindrith Gallup-Dakota Oil Pool shall receive no more than one-fourth of a standard allowable for the pool.

(5) Jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

**AMANDA-ABO GAS POOL
DRINKARD POOL
WANTZ-ABO POOL
SOUTH BRUNSON DRINKARD-ABO POOL
(Formerly South Brunson-Abo Pool)
Lea County, New Mexico**

Order No. R-8593, Abolishing the Amanda-Abo Pool, Redefining the Limits of Certain Pools and Adopting Operating Rules for the South Brunson Drinkard-Abo Pool, Lea County, New Mexico, February 1, 1988, as Amended by Order No. R-8593-B, January 27, 1988.

The Application of the Oil Conservation Division upon its Own Motion for an Order Abolishing the Amanda-Abo Gas Pool, Contracting the Horizontal Limits of the Drinkard and Wantz-Abo Pools, Extending Both the Horizontal and Vertical Limits of the South Brunson-Abo Pool, (To Be Redesignated the South Brunson Drinkard-Abo Pool), and Re-establishing the Vertical Limits of the Drinkard and Wantz-Abo Pools, all in Lea County, New Mexico.

CASE NO. 9237
Order No. R-8593

ORDER OF THE DIVISION

BY THE DIVISION: This cause came on for hearing at 8:15 a.m. on October 21, 1987, at Santa Fe, New Mexico, before Examiner David R. Catanach.

NOW, on this 27th day of January, 1988, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and having been fully advised in the premises,



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
 OIL CONSERVATION DIVISION
 OIL CONSERVATION DIVISION
 AZTEC DISTRICT OFFICE

89 DEC 12 AM 8 52

10001 RIO HUIZOS ROAD
 AZTEC, NEW MEXICO 87410
 (505) 334-6178

HARREY CARRUTHERS
 GOVERNOR

Date: 12-11-89

Oil Conservation Division
 P.O. Box 2088
 Santa Fe, NM 87504-2088

Re: Proposed MC _____
 Proposed DHC _____
 Proposed NSL X _____
 Proposed SWD _____
 Proposed WFX _____
 Proposed PMX _____

Gentlemen:

I have examined the application dated 12-5-89

for the TRAPCO INC. L.H. McCONNELL #1
 Operator Lease & Well No.

N-30-25N-3W and my recommendations are as follows:
 Unit, S-T-R

Approved

Yours truly,

Ernie Busch