



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

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

*(Dual
Combination)*

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☐

DEEPEN ☒

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐

GAS
WELL ☒

OTHER

SINGLE
ZONE ☐

MULTIPLE
ZONE ☒

2. NAME OF OPERATOR

Texaco Inc.

(505) 325-4397

3. ADDRESS OF OPERATOR

3300 N. Butler

Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface

1190' FSL and 1450' FWL Sec 30

At proposed prod. zone

same as above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15 miles NW of Lindrith, NM

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE
920

17. NO. OF ACRES ASSIGNED
TO THIS WELL
320/160

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH
8100'

20. ROTARY OR CABLE TOOLS
Rotary 0'-9011'

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

7257' DF

22. APPROX. DATE WORK WILL START*

11-27-89

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/4"	13 3/8"	48#	397'	500 sx
8 3/4"	5 1/2"	17 & 15.5#	8170'	700 sx.

Texaco Inc. proposes to complete additional pay in the Mesa Verde, Gallup and Dakota formations. The current completion interval has reached its economic limit.

1. MIRUSU. NUBOPS. TOOH with tubing.
2. Spot 75 sx LFL cement across perforations, 3595-3665, and squeeze.
3. Drill out to 8100'.
4. Run GR-CNL and GR-CCL-CBL-CET from PBTD to 5500'.
5. Perforate 7805-30, 7840-80 and 8005-45 with 4 JSPF.

6. TIH with tbq and pkr and acidize perms with 1000 gal 15% HCl. (over)
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Alan A. Kleier

TITLE

Area Manager

DATE

11-10-89

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

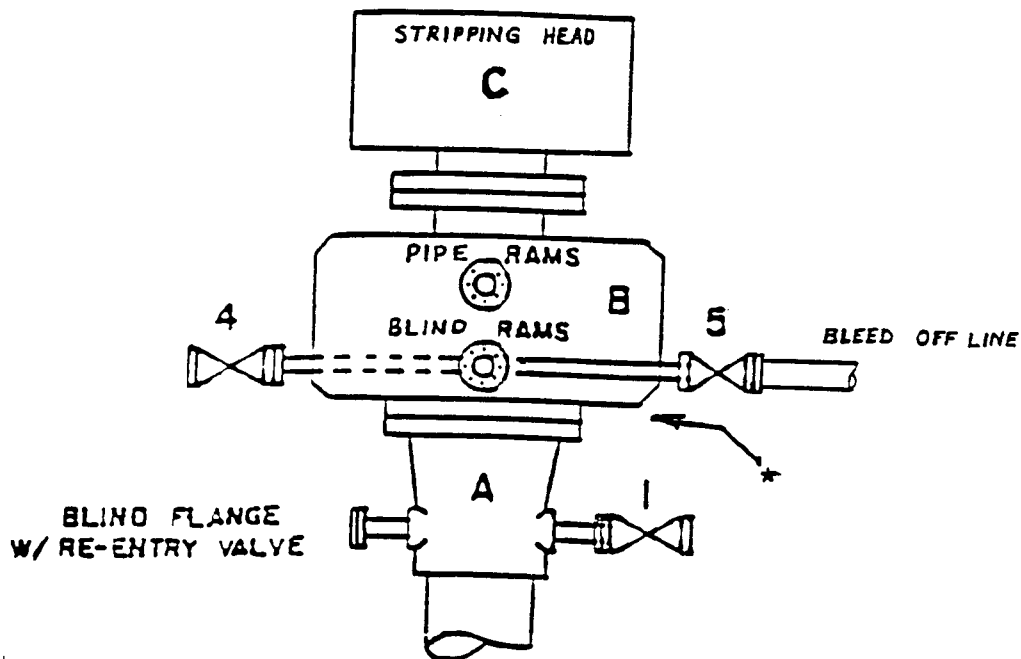
DATE

CONDITIONS OF APPROVAL, IF ANY:

BLM-Farm(6), NMOGCC(3), RSL, AAK

*See Instructions On Reverse Side

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.

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 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	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.

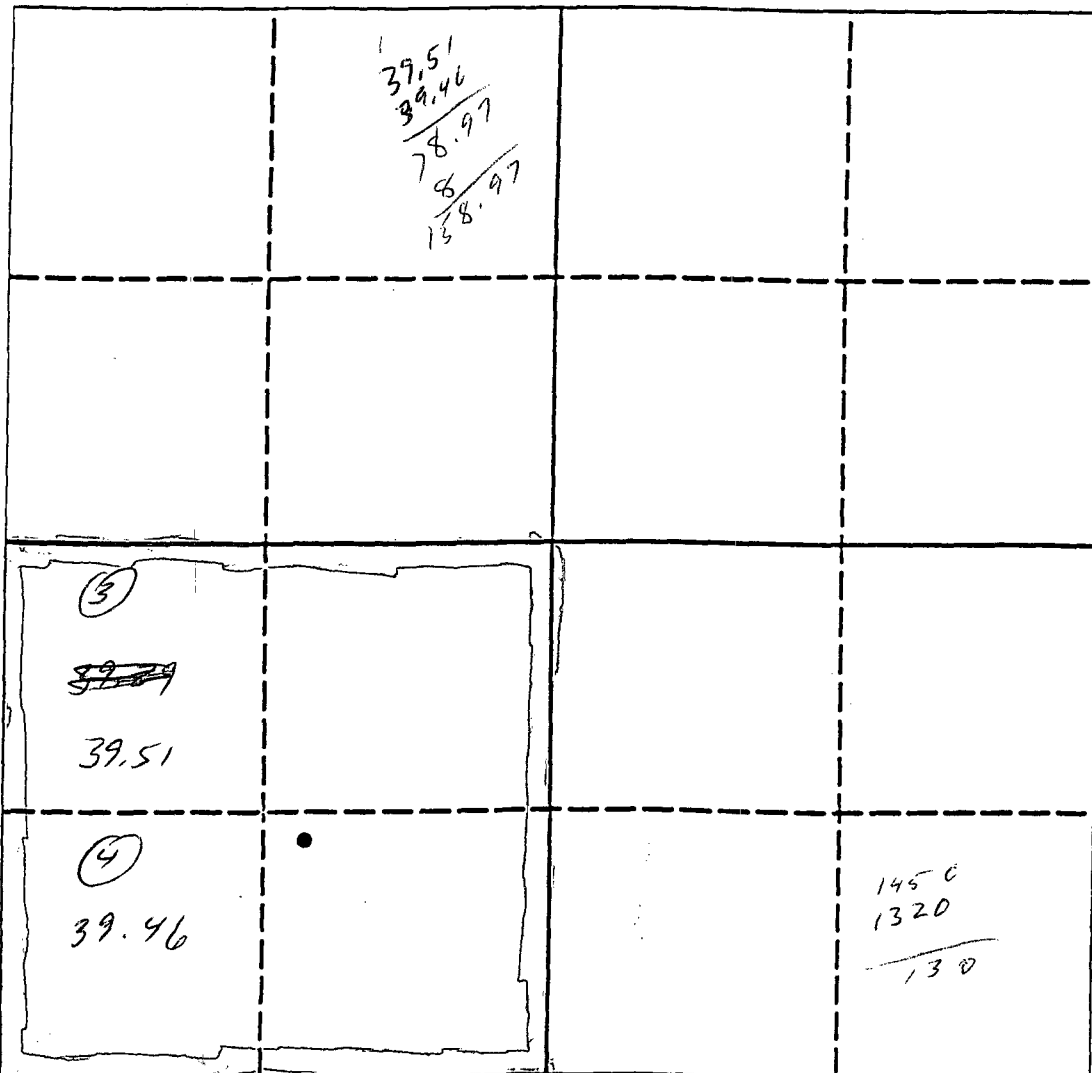
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. 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.

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

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	NMPM	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 Mesa Verde		Pool Blanco	Dedicated Acreage: 320 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.

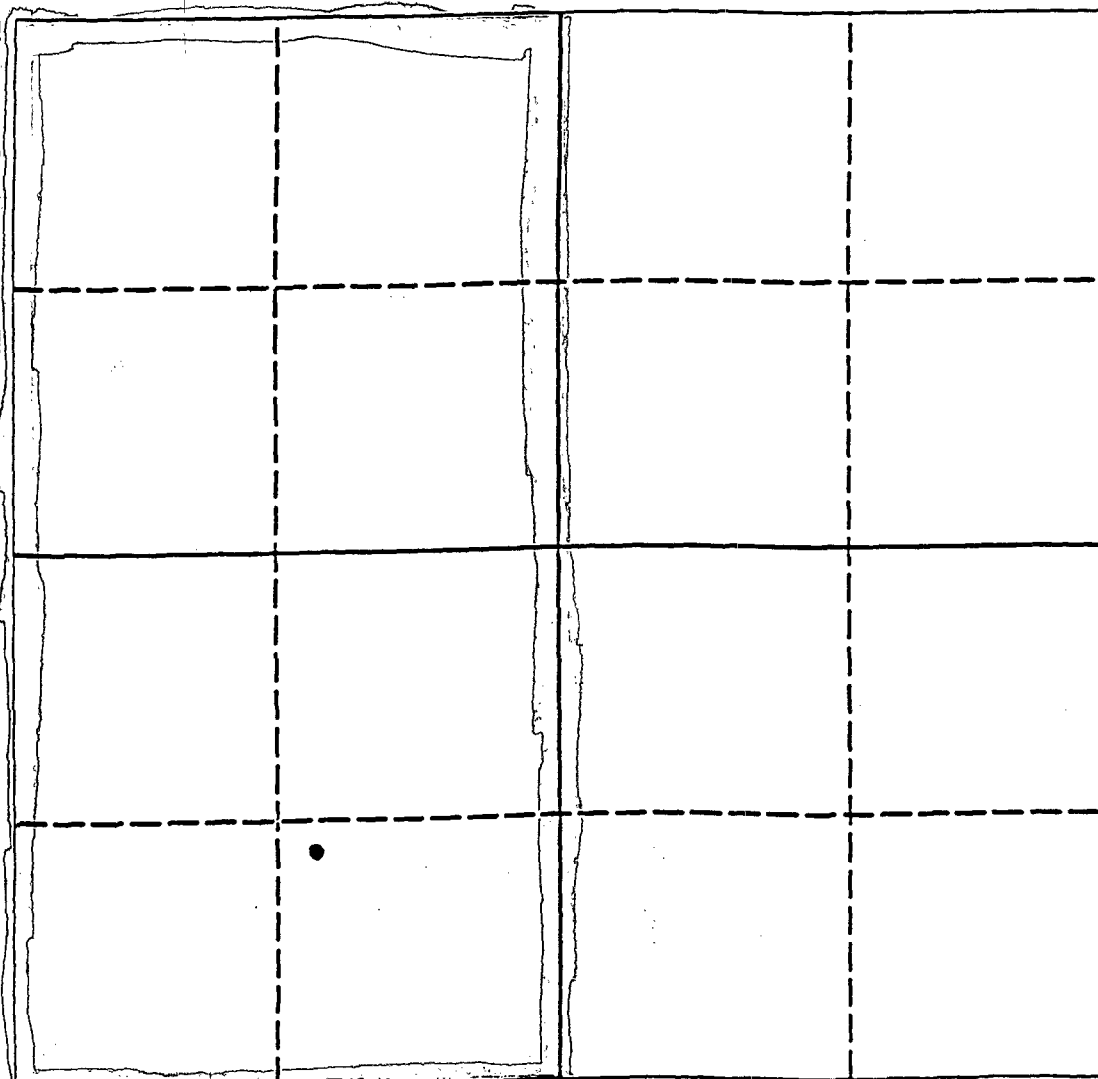
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. 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

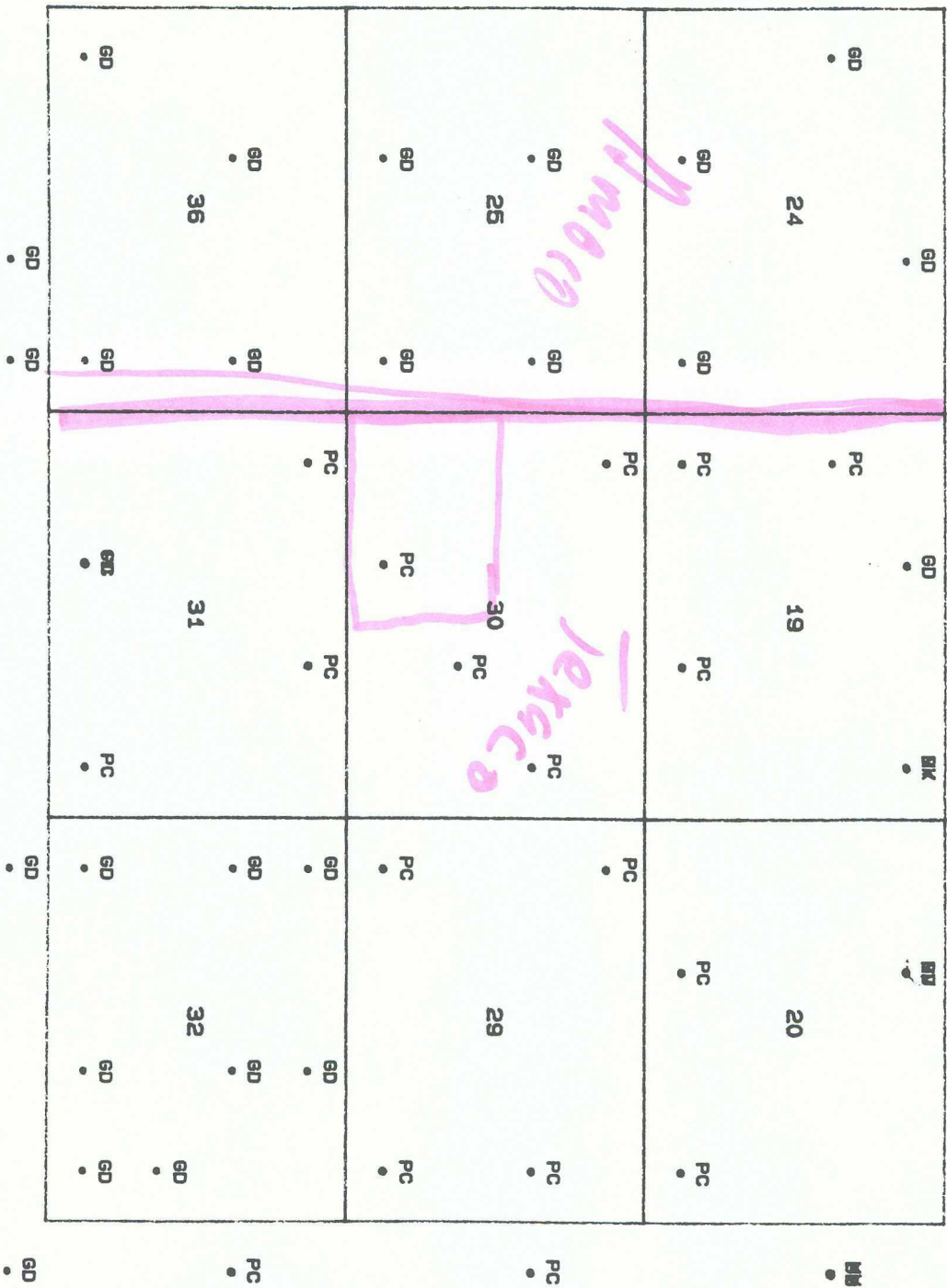
Certificate No.

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

T-25-N R-03-W

<p>AMOCO PRODUCTION JICARILLA APACHE TRIBAL 125 GD</p> <p>24</p> <p>GD</p>	<p>GD TEXACO INC. PC LYDIA RENTZ PC</p> <p>19</p> <p>PC</p>	<p>GD TEXACO INC. PC LYDIA RENTZ PC</p> <p>20</p> <p>PC</p>	<p>GD</p>
<p>AMOCO PRODUCTION JICARILLA APACHE TRIBAL 125 GD</p> <p>25</p> <p>GD</p>	<p>PC TEXACO INC. L.L. MCCONNELL PC</p> <p>30 PC</p> <p>PC #1</p>	<p>PC TEXACO INC. L.L. MCCONNELL PC</p> <p>29</p> <p>PC</p>	<p>PC</p>
<p>AMOCO PRODUCTION JICARILLA APACHE TRIBAL 125 GD</p> <p>36</p> <p>GD</p>	<p>PC TEXACO INC. L.L. MCCONNELL PC</p> <p>31</p> <p>GD</p>	<p>GD JOSEPH B. SOULD PHILLIPS GD</p> <p>32</p> <p>GD</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 for 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. 2. ☐ Restricted Delivery
†(Extra charge)†

3. Article Addressed to: Amoco Production 1670 Broadway Denver, CO 81301	
5. Signature — Addressee X	4. Article Number Type of Service: <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail Always obtain signature of addressee or agent and DATE DELIVERED. 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

it if you make inquiry.

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

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

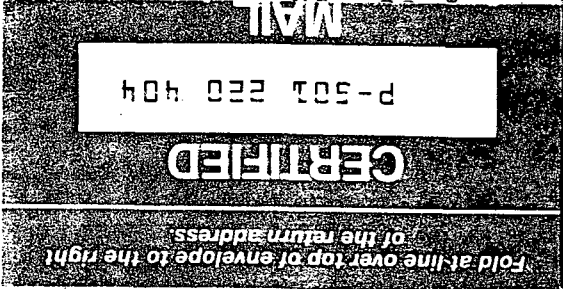
ach it to the front of the article by means of the gummed ends if space per-

of article. Endorse front of article **RETURN RECEIPT REQUESTED**

at postmarked, stick the gummed stub to the right of the return address of

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.

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



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OPERATOR	
PRODUCTION OFFICE	

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 - 8 1985

Operator Texaco Inc., Operator for Permian Texaco Producing Inc. (TPI)	
Address 4601 DTC Blvd., Denver, Colorado 80237	
Reasons for filing (check proper box)	Other (Please explain)
New well <input type="checkbox"/>	Change of Operator from Getty Oil Company to Texaco Inc. (Operator for TPI)
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>
Change in Ownership <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>

If change of ownership give name and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lessee Name McConnell, L.L.	Well No. 1	Pool Name, including Formation South Blanco PC	Kind of Lease State, Federal or Fee Federal	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 N.M.P.M. Rio Arriba County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Permian Corporation	P.O. Box 1528 Denver, Colorado 80201
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
El Paso Natural Gas Co.	P.O. Box 990 Farmington, NM 87499
If well produces oil or liquids, give location of tanks.	Is gas actually connected? When
Unit Sec. Twp. Rge.	Yes
N 30 25N 3W	

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.	Diff. 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 Gas Dry	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

OIL CON. DIV.

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Produced/MCF/DIST. 3	Gravity of Condensate
Testing Method (pu-t, 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.

District Manager/Farmington

(Title)

1/28/85

(Date)

OIL CONSERVATION COMMISSION

APPROVED

BY

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.

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	GAS
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PRORATION OFFICE	4

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)
New Well ☐ Change in Transporter of:
Recompletion ☐ Oil ☐ Dry Gas ☐
Change in Ownership ☒ Casinghead Gas ☐ Condensate ☐
Other (Please explain)
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	Well No.	Pool Name, including Formation	Kind of Lease	Lease No.
L. L. McConnell	1	S. Planco-Pictured Cliffs	State, Federal or Fee Fed SF	079602
Location				
Unit Letter	N	1190 Feet From The	South Line and	1450 Feet From The
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 <input type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
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)
EI Paso Natural Gas Company	Box 990, Farmington, NM 87401
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Pge. Is gas actually connected? When
	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	Same Res'v.	Diff. Res'v.
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.					
Elevations (DF, RKB, RT, GR, 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

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.

Ray J. McWhorter
(Signature)
Area Superintendent
(Title)
2/7/77
(Date)

OIL CONSERVATION COMMISSION

APPROVED FEB 15 1977, 19
BY *J. E. Makewell*
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.

NUMBER OF COPIES RECEIVED	
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PRODUCTION OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

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

Santa Fe, New Mexico

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

~~Reschedule~~
~~Recompletion~~

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 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 30, Sec. 30, T. 25N, R. 3W, NMPM, South Blanco Pool

Rio Arriba

workover 10/16/62 Date Delivered Completed 10/18/62

Please indicate location:

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

1190' FSL - 14500 FWL

(FOOTAGE)

Tubing, Casing and Cementing Record

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

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

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

PRODUCING INTERVAL -

Perforations 3595' - 3665'

Open Hole Depth Casing Shoe 8170' Depth Tubing 3670'

OIL WELL TEST -

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

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. Size Choke

GAS WELL TEST -

Natural Prod. Test: MCF/Day; Hours flowed Choke Size

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, 19

OIL CONSERVATION COMMISSION

By: W.B. Smith

Title DEPUTY OIL & GAS INSPECTOR DIST. NO. 4

SKELLY OIL COMPANY

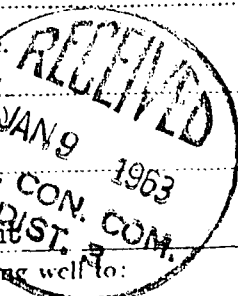
(Company or Operator)

By: J. E. C. (Signature)

Title District Superintendent

Name SKELLY OIL COMPANY

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
LEASE

"N"
WELL UNIT

30-25-3
S-T-R

South Blanco Pictured Cliff
POOL

El Paso Natural Gas Company
NAME OF PURCHASER

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

1.2 - 6 - 6.2-

INITIAL POTENTIAL

El Paso Natural Gas Company
PURCHASER

St. 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



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 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:

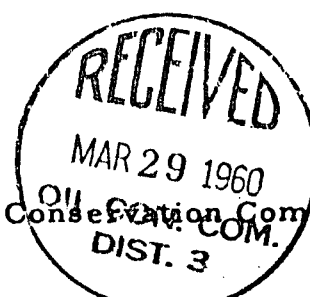
Reasons for Filing: (Please check proper box) New Well _____ ()

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]

Approved MAR 29 1960 19

Title District Superintendent

OIL CONSERVATION COMMISSION

Company SKELLY OIL COMPANY

By [Signature]

Address Box 426 Farmington, New Mexico

Title Supervisor Dist. # 3

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:

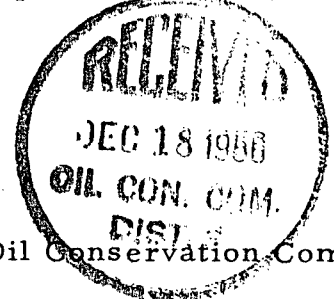
Shut in for pipeline connection

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)



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. Kendrick

Title PETROLEUM ENGINEER DIST. NO. 3

SAN ANTONIO, NEW MEXICO

Gas Well Plat

SKELLY OIL COMPANY

~~L. L. McConnell~~
Lease

1
Well No.

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

SECTION 30 TOWNSHIP 25N RANGE 3W

[illegible]

Name _____

Position District Foreman

Representing Skelly Oil Company

Address Box 426, Farmington, New Mexico

(over)

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

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

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

New Well
~~Recompletion~~

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 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, Well No. 1, in SE 1/4 SW 1/4,
(Company or Operator) (Lease)
N, Sec. 30, T25N, R. 3W, NMPM, Undesignated Pool
Unit Letter
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	N O	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

DEC 18 1956

OIL CONSERVATION COMMISSION

By: *A. L. Kendrick*

Title PETROLEUM ENGINEER DIST. NO. 3

Skelly Oil Company

(Company or Operator)

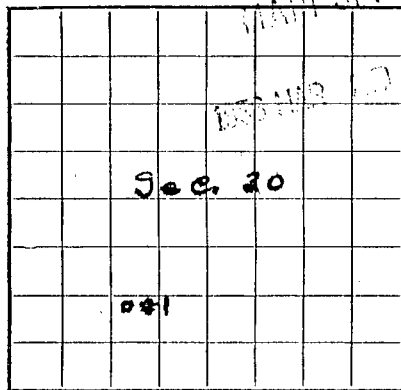
By: *P. E. Hooper*
(Signature)

Title District Foreman

Send Communications regarding well to:

Name Skelly Oil Company

Address Box 126, Farmington, New Mexico



LOCATE WELL CORRECTLY

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

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. **S** of **S** Line and **1450** ft. **W** 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

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,** 19**55** Finished drilling **November 1,** 19**55**

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—	
13-3/8	48#	8R	H-40	385'	Cement Guide				
5-1/2	17#	8R	N-80	1252'					
5-1/2	15.5#	8R	J-55	6926'	Comb. rib				

MUDDING AND CEMENTING RECORD

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

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

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

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'	Todilto
8994'	9011'	17'	Entrada
9011'			Total Depth

FORMATION RECORD—Continued



IN REPLY REFER TO:

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:

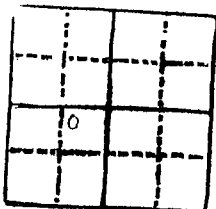
1. Drilling operations so authorized are subject to the attached sheet for general conditions of approval.
2. Furnish copies of all logs.

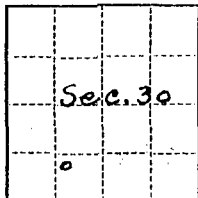
Very truly yours,

(Orig. Sgd.) P. T. McGrath

P. T. McGrath
District Engineer

PTMcGrath:al





(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYLand Office Santa Fe
Lease No. S. F. 079602
Unit L. L. McConnell

SUNDRY NOTICES AND REPORTS ON WELLS

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 25N 3W N. N. P. M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat Rio Arriba New Mexico
(Field) (County or Subdivision) (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

1955

U. S. GEOLOGICAL SURVEY
WASHINGTON, NEW MEXICO

Company SKELLY OIL COMPANY

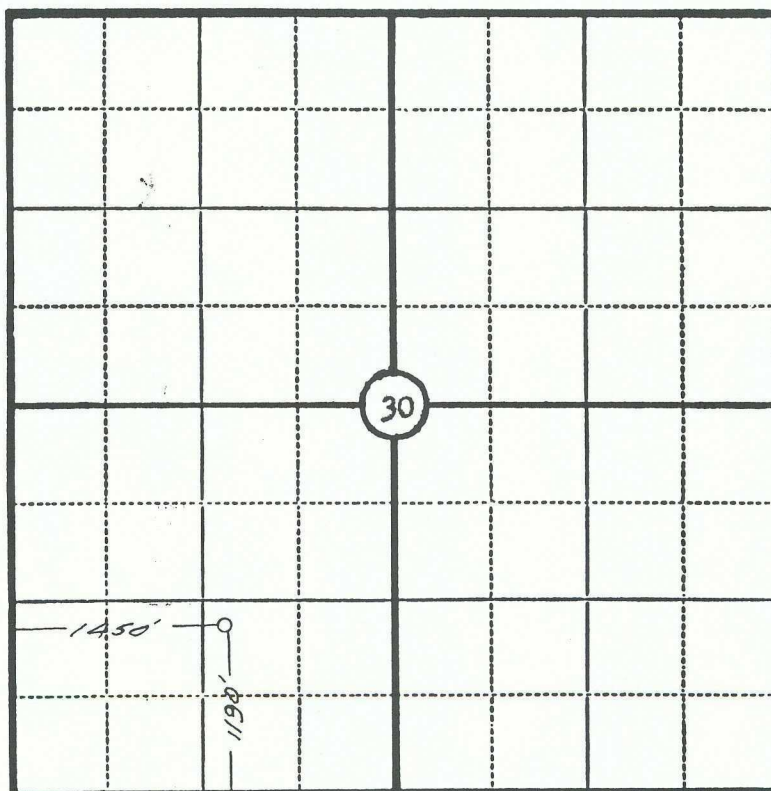
Lease Well No.

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 B. Leese

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

Surveyed July 26, 1955

(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 $\frac{1}{4} (4.775 + 0.75) = 2.7625$ 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
RECEIVED
AZTEC DISTRICT OFFICE 89 DEC 12 AM 8 52

1000 RIO UTAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178

SARREY 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 TRABCO INC. L-1-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