

October 7, 2005

Mr. William Jones
NM Oil Conservation Division
1220 South St. Francis Drive
Santa Fe NM 87505

VIA FEDERAL EXPRESS

RE: RESPONSE TO YOUR LETTER OF SEPTEMBER 16, 2005,
REGARDING DUKE ENERGY FIELD SERVICES'
C-108 APPLICATION FOR LINAM

Dear Mr. Jones:

Geolex, Inc. (Geolex) reviewed your correspondence dated September 16, 2005, regarding Duke Energy Field Services' (DEFS) application to inject (C-108) in Unit K, Section 30, T18S, R37E.

It is our understanding that the Commission will set this matter for hearing. DEFS counsel, Bill Carr (Holland and Hart) will contact your office to schedule a hearing and to determine its scope. With respect to your specific recommendations or questions regarding our application, we would like to address each of your points in this letter. We would ask that the information contained in this response be provided to the Commissioners along with your letter and the full application and made part of the hearing record. We can provide additional copies upon request.

1. Injection pressure limit calculation: Our Application for Authorization to Inject proposes (VII.3) that the wellhead injection pressure would range from 2700 to 2800 pounds per square inch (psi). As discussed in that section of our Application, we provided the information that the Specific Gravity (SG) of injection fluid would be approximately 0.8, as opposed to the SG of 1.04 for slightly saline water.

If the reservoir fluids in the target zone of the Lower Bone Springs are at hydrostatic equilibrium, the pressure gradient for water would be 0.433 psi/foot, yielding bottom hole pressures from 3767 psi to 3854 psi at the perforation zone of 8700 to 8900 feet. Using the OCD recommended overpressure of 0.2 psi/ft; this would allow 1740 psi to 1780 psi wellhead pressure for injection of water in this injection zone.

However, the injection fluid is acid gas, not water, and has a SG of approximately 0.8 as opposed to 1.0 for pure water. Therefore the proposed injection well does not have the same hydrostatic pressure as a water-filled well. With no additional pressure at the wellhead the initial bottom hole static pressure for such a fluid would range from 3014 psi to 3083 psi at the 8700 to 8900 foot zone.

To correct the injection pressure to the lower SG of the acid gas, the formula would be:

$$\begin{aligned}\text{Corrected Pressure} &= ((\text{Hydraulic Gradient} + \text{Overpressure Gradient}) - (\text{Acid Gas SG} \times \\ &\text{Water Hydraulic Gradient})) \times \text{Feet} \\ \text{Corrected Pressure} &= ((0.433 \text{ psi/ft} + 0.2 \text{ psi/ft}) - (0.8 \times 0.433 \text{ psi/ft})) \times \text{Feet} \\ \text{Corrected Pressure} &= (0.633 - 0.3463) \times \text{Feet} \\ \text{Corrected Pressure} &= 0.3166 \times \text{Feet}\end{aligned}$$

This yields corrected wellhead injection pressure of 2754 psi to 2818 psi for injection of acid gas at 8700 to 8900 feet. A step test will be performed to verify that the formation will not be fractured. We hereby request the Commission approve a requested wellhead injection pressure limit of 2750 psi, pursuant to a successful formation test.

2. Amendment of Application for Injection into Lower Bone Springs only: We would propose that the Commission approve our C-108 application for injection in the Lower Bone Spring. During drilling, we will test and evaluate the properties of the Brushy Canyon and/or other formations. If we determine that we would like NMOCD to consider the use of other formations, we will submit a separate application to inject for any other zones above the Lower Bone Spring.
3. Additional Notices:
 - 3.1: Attachment A to this letter is the affidavit of publication for the permit application published by the *Hobbs News-Sun* on Tuesday, September 13, 2005.
 - 3.2: Attachment B contains copies of return receipts of notification of operators in the affected area notified with original application on 9/13/05
 - Chevron, USA
 - Marathon Oil Company
 - Conoco Phillips Company
 - Amerada Hess Corporation
 - Southwest Royalties, Inc.
 - 3.3: The surface owners of the land (State of New Mexico) has been notified of the filing of this application since we have been in negotiations for an easement for injection on the applicable lease. To assure that the State Land Office has all the information in the same form as NMOCD, we will provide a copy of the application (9/13/05), your letter of 9/16/05, and this response.
 - 3.4 Mr. Jerry King of the NM State Land Office conveyed to us in our negotiations regarding the easement that the NM State Land Office would be contacting the existing grazing lessee with respect to the requirements for the surface easement.
 - 3.5 Appropriate notice will be provided to the City of Hobbs and others.

4. H₂S Contingency plans are in place for the Linam Ranch Plant; however, the contingency plan for the wellhead and pipeline will be developed and submitted when approval for the well is obtained and a permit application made for approval of the flow line from the plant to the wellhead. As I explained in our conversation, we have phased the project to accomplish work on an as-needed critical path basis, including following elements in the following sequence:
 - Obtain C-108 permit
 - Obtain NM SLO easement
 - Drill and test well
 - If well test favorable, design pipeline
 - Obtain pipeline permit
 - Conduct/complete well and pipeline according to final approved specifications
5. Composition of Injection Fluid: The injected fluid is acid gas from natural gas processing. Compositional analyses ranges for the acid gas stream from the Linam Plant were provided in the original application document in Section VII Supplemental Information for Section VII Injection Fluid Analyses. These ranges are based on the average of 17 individual compositional analyses over the last four years of operation, which can be provided upon request. None of the injected fluids are subject to regulation under Subtitle C of RCRA. These fluids are specifically exempted under the "petroleum exclusion" under RCRA. DEFS certifies that no wastes subject to RCRA Subtitle C will be disposed of in the proposed well.
6. Additional information on water content and tubing type. In the original application "Supplemental Information for Section VII – Injection Fluid Analyses", we presented three sets of average analyses for the current acid gas at Linam Ranch. The first two are a dry basis and an actual wet or water saturated basis at the inlet or suction of the proposed compressor, which contains up to 12% water. The third set that we presented is the composition for the injection gas from the discharge or outlet of the compressor (wet gas composition – discharge) with approximately 0.6% water. We intend to only inject dried gas (less than 1% residual water). For this reason, we would propose a similar system without plastic-coating in the tubing as you recommended to Agave Energy Company in your September 16, 2005, correspondence and as we use in the Artesia Duke AGI #1 already permitted by NMOCD.
7. Dry Gas Fluid Injection: As discussed in VII.3, the proposed wellhead injection pressure limit is 2750 psi. The temperature at the compressor aftercooler outlet, in the pipeline to the well, and at the wellhead will typically range from 60° to 100° Fahrenheit. Once the gas enters the tubing the temperature will increase further. Dehydration is accomplished by condensation, by cooling as the gas is compressed to intermediate pressures in the compressor. These facilities would be located at the Linam Plant facility. At these operating temperatures and pressures, the dew point for water would be approximately 30° Fahrenheit; normally 30 to 70 degrees below the injection temperatures. Normal compression practices will keep free water from occurring in the gas stream. The intermediate and outlet pressure and temperature would be monitored and controlled to prevent condensation. The compressor intercoolers and aftercooler would include

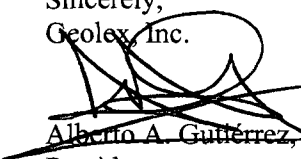
temperature control of the outlet gas and the injection line would have a pressure control valve to continuously maintain pressure control throughout the compressor.

8. Corrosion Protection: We do not plan to use plastic-coated tubing in this injection well. We do, however, plan to fill the annulus from the top of the packer (8700 feet) to the surface with diesel fuel to exclude water and protect the casing and tubing from corrosion. This is the same procedure recommended by you to Agave in your September 16, 2005, correspondence and used at the Duke AGI #1 in Artesia.
9. Recordkeeping and Reporting: DEFS will record continuous, recorded levels of pressure in the tubing and the annulus, and will record the injection rate. Copies will be provided to OCD on a quarterly basis.
10. Well bore 30-025-05519: The location we provided for the proposed injection well was approximate as a standard location. We do not propose to re-enter, use, or otherwise disturb the existing, plugged borehole 30-025-05519.
11. A revised well bore diagram is included as Attachment C. This well bore diagram is for schematic and specification purposes. Actual depths of completion, etc., to be determined after well is drilled and tested. The surface casing will be set well below the base of the Ogallala and properly cemented per NMSEO and NMOCD rules.
12. Well bore and Plugging diagram for the wells within the area of review were provided with the original application.
 - 12a: Well #30-025-05512 plugging records and diagrams are included (3 pages with plugging diagram) as Tab A in Section VI of the original 9/13/05 application.
 - 12b: Well #30-025-03976, as shown in the original application on Supplemental Map 1 for C-108 Section V: This well shown in its appropriate location in Section 25, T18S, R36E. This location is approximately ¼-mile outside the ½-mile radius area of review. For this reason, the plugging data for the well was not included in the original application; however, the data associated with the well is included in supplemental tabular information for Section VI (line 4, page 3 of table). Plugging data are included as Attachment D to this letter.
 - 12c: Well #30-025-21832: In our original application on the Supplemental Map 1 for C-108 Section V, this well is shown in its appropriate location in Section 31, T18S, R37E. This well is approximately ¼-mile outside the ½-mile radius area of review. For this reason, plugging data for this well is included in the supplemental tabular information for Section VI (line 19, page 3 of table). Plugging data available for this well have been attached as Attachment E to this letter.

Mr. William Jones
October 7, 2005
Page 4

I trust this provides you with all of the additional data, information, and clarification needed to evaluate our application. Please contact me immediately if you have additional questions or concerns prior to the hearing.

Sincerely,
Geolex, Inc.


~~Alberto A. Gutierrez, C.P.G.~~
President



AAG/lh

Enclosures

cc (w/enclosures): Joshua Epel, Esq. – DEFS
 Mr. Chris Root – DEFS
 William Carr, Esq. – Holland & Hart
 Hobbs District Office of NMOCD

D:\Projects\05-005\C108 Application\Response Letter and Attachments\jones003.ltr.doc

AFFIDAVIT OF PUBLICATION

State of New Mexico,
County of Lea.

I, KATHI BEARDEN

Publisher

of the Hobbs News-Sun, a
newspaper published at
Hobbs, New Mexico, do solemnly
swear that the clipping attached
hereto was published once a
week in the regular and entire
issue of said paper, and not a
supplement thereof for a period.

of 1

weeks.

Beginning with the issue dated

September 13 2005

and ending with the issue dated

September 13 2005

Kathi Bearden

Publisher

Sworn and subscribed to before

me this 13th day of

September 2005

Notary Public.

My Commission expires
February 07, 2009

(Seal)



OFFICIAL SEAL
DORA MONTZ
NOTARY PUBLIC
STATE OF NEW MEXICO

My Commission Expires: _____

LEGAL NOTICE

September 13, 2005

Application of Duke Energy Field Services, LP for Authorization to Inject, Lea County, New Mexico. Duke Energy Field Services, LP has filed an Administrative Application for Authorization to up to 2300 barrels per day of acid gas at a maximum pressure of 2800 psi into the Lower Bone Spring Formation between approximately 8700 and 9100 feet through Duke's proposed Linam AGI Well #1, to be drilled approximately 1980 feet from the south line and 1980 feet from the west line of Section 30, Township 18S, Range 37E, NMPM, Lea County, New Mexico. In addition, Duke Energy Field Service, LP will test the Brushy Canyon Member of the Delaware Group at approximately 5000' for consideration as a potential secondary injection target. The proposed well will be located approximately 4 miles west of Hobbs, in Lea County, New Mexico. Duke Energy Field Services, LP may be contacted through its representative, Mr. Alberto Gutierrez, 500 Marquette Avenue NW, Suite 1350, Albuquerque, New Mexico 87102 (505) 842-8000. Interested parties must file objections or requests for hearing with the New Mexico Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505 within fifteen (15) days.

#21799

This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937, and payment of fees for said publication has been made.

67101169000

67533247

GEOLEX, INC.

500 MARQUETTE AVE. NW SUITE 1350
ALBUQUERQUE, NM 87102

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<p>■ Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</p> <p>■ Print your name and address on the reverse so that we can return the card to you.</p> <p>■ Attach this card to the back of the mailpiece, or on the front if space permits.</p>	<p>A. Signature X</p> <p style="text-align: right;"><input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) GUY S. RUSSELL #221</p> <p>C. Date of Delivery SEP 11 2001</p> <p>D. Is delivery address different from item 1? <input checked="" type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>1. Article Addressed to:</p> <p style="font-size: 1.2em; margin-left: 20px;">Marathon Oil Co. PO Box 2069 Houston TX 77252</p>	<p>3. Service Type</p> <p><input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail</p> <p><input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise</p> <p><input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p> <p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>
<p>Article Number (Transfer from service label) 7002 1000 0005 2953 0198</p> <p>11, August 2001 Domestic Return Receipt 102595-02-M-1540</p>	

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
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<p>1. Article Addressed to:</p> <p style="font-size: 1.2em; margin-left: 20px;">Chevron USA PO Box 4791 Houston TX 77210</p>	<p>3. Service Type</p> <p><input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail</p> <p><input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise</p> <p><input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p> <p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>
<p>2. Article Number (Transfer from service label) 7002 1000 0005 2953 0150</p> <p>PS Form 3811, August 2001 Domestic Return Receipt 102595-02-M-1540</p>	

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<p>1. Article Addressed to:</p> <p style="font-size: 1.2em; margin-left: 20px;">Conoco Phillips Co. PO Box 2197 Houston TX 77252</p>	<p>3. Service Type</p> <p><input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail</p> <p><input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise</p> <p><input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p> <p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>
<p>2. Article Number (Transfer from service label) 7002 1000 0005 2953 0181</p> <p>PS Form 3811, August 2001 Domestic Return Receipt 102595-02-M-1540</p>	

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☒ Print your name and address on the reverse so that we can return the card to you.
☒ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Amerco-Hess Corp.
 P.O. Box 2040
 Houston TX 77252

2. Article Number

(Transfer from service label)

7002 1000 0005 2953 0204

PS Form 3811, August 2001

Domestic Return Receipt

102595-02-M-1540

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A. Signature

X

☐ Agent☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

SEP 14 2005

D. Is delivery address different from item 1? ☐ YesIf YES, enter delivery address below: ☐ No

3. Service Type

☒ Certified Mail☐ Express Mail☐ Registered☐ Return Receipt for Merchandise☐ Insured Mail☐ C.O.D.

4. Restricted Delivery? (Extra Fee)

☐ Yes

SENDER: COMPLETE THIS SECTION

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☒ Print your name and address on the reverse so that we can return the card to you.
☒ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Northwest Royalties, Inc.
 Delta Drive #2100
 Midland TX 79705

2. Article Number

(Transfer from service label)

7002 1000 0005 2953 0211

PS Form 3811, August 2001

Domestic Return Receipt

102595-02-M-1540

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X E. Kozawo

☐ Agent☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

9/14/05

D. Is delivery address different from item 1? ☐ YesIf YES, enter delivery address below: ☐ No

3. Service Type

☒ Certified Mail☐ Express Mail☐ Registered☐ Return Receipt for Merchandise☐ Insured Mail☐ C.O.D.

4. Restricted Delivery? (Extra Fee)

☐ Yes

UNIT ID: 0129

Clerk: KN2F45

09/12/05

Postage 4.90

Certified Fee 2.30

Return Receipt Fee (Endorsement Required) 1.75

Restricted Delivery Fee (Endorsement Required)

Total Postage & Fees 8.95

Sent To

Street, Apt. No., or PO Box No. Chevron USA

City, State, ZIP+4 PO Box 4791

Houston TX 77210

UNIT ID: 0129

Clerk: KN2F45

09/12/05

Postage 4.90

Certified Fee 2.30

Return Receipt Fee (Endorsement Required) 1.75

Restricted Delivery Fee (Endorsement Required)

Total Postage & Fees 8.95

Sent To

Street, Apt. No., or PO Box No. Conoco Phillips Co.

City, State, ZIP+4 PO Box 2197

Houston TX 77252

UNIT ID: 0129

Clerk: KN2F45

09/12/05

Postage 4.90

Certified Fee 2.30

Return Receipt Fee (Endorsement Required) 1.75

Restricted Delivery Fee (Endorsement Required)

Total Postage & Fees 8.95

Sent To

Street, Apt. No., or PO Box No. Marathon Oil

City, State, ZIP+4 PO Box 2069

Houston TX 77252

UNIT ID: 0129

Clerk: KN2F45

09/12/05

Postage 4.55

Certified Fee 2.30

Return Receipt Fee (Endorsement Required) 1.75

Restricted Delivery Fee (Endorsement Required)

Total Postage & Fees 8.60

Sent To

Street, Apt. No., or PO Box No. Southwest Royalties Inc.

City, State, ZIP+4 6 Desta Drive #2100

Midland TX 79705

UNIT ID: 0129

Clerk: KN2F45

09/12/05

Postage 4.90

Certified Fee 2.30

Return Receipt Fee (Endorsement Required) 1.75

Restricted Delivery Fee (Endorsement Required)

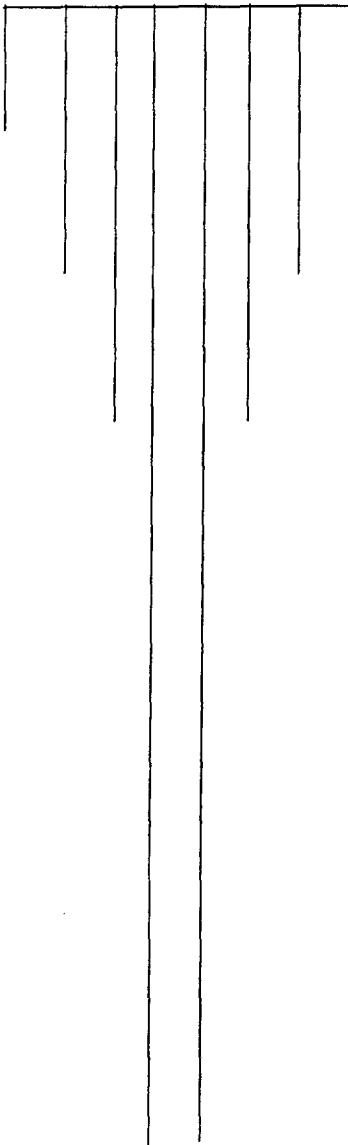
Total Postage & Fees 8.95

Sent To

Street, Apt. No., or PO Box No. Amerada Hess Corp.

City, State, ZIP+4 PO Box 2040

Houston TX 77252

Schematic		Well Data			
		Operator: Duke Energy Field Services, LP			
		Approximate Proposed Location: 1980 FSL, 1980 FWL; Section 30, T18S, R37E			
		Formations			
		Name		Depth (Estimated)	
		Yates		2860	
		Queen		3770	
		Grayburg		4160	
		San Andres		4560	
		Glorieta		6190	
		Yeso		6420	
Hole: 24" to 45' Casing: 20" to 45' Cement: To Surface, Visual		Drinkard		7170	
Hole: 17 1/2" to 530' Casing: 13 3/8" to 530' Cement: To Surface, Visual		Abo		7240	
Hole: 12 1/4" to 4200' Casing: 9 5/8" to 4200' Cement: To Surface, Visual		Lower Bone Springs		8700	
Tubing: 3 1/2" 9.3 ppf, L-80		Wellbores:			
Packer: 8700', Retrievable Production Packer (Schlumberger QL, Baker DB or Similar)		Size (in)	Top (ftKB)	Bottom (ftKB)	
Hole: 8 3/4" to 8900' Casing: 7" to 8900' Cement: To Surface, Visual		24	0	45	
Perforated Zone: 8700' to 8900'		17 1/2	45	530	
Logs: AIT, LDT, CNL, ML		12 1/4	530	4200	
Annulus filled with diesel fuel from top of packer (8700') to surface for corrosion control		8 3/4	4200	8900	
		Casing:			
		Casing: Conductor, 45 ftKB			
		Casing: Surface, 530 ftKB			
		Casing: Intermediate, 4200 ftKB			
		Casing: Production, 8900 ftKB			
		Cementing:			
		Cement: Conductor Casing			
		Top	Bottom	Sacks	Method
			0 45 ftKB		Visual
		Cement: Surface Casing			
		Top	Bottom	Sacks	Method
		45 ftKB	530 ftKB	675	Visual
		Cement: Intermediate Casing			
		Top	Bottom	Sacks	Method
		530 ftKB	4200 ftKB	1000	Visual
		Cement: Production Casing			
		Top	Bottom	Sacks	Method
		4200 ftKB	8900 ftKB	1000	Visual

NO. OF FORMS RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

<p align="center">SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)</p>		<p>5a. Indicate Type of Lease State <input type="checkbox"/> <u>Retain Fee</u> <input type="checkbox"/></p> <p>5. State Oil & Gas Lease No.</p>
1. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER	7. Unit Agreement Name	
2. Name of Operator <u>Continental Oil Company</u>	8. Name of Lease Name <u>Goodwin</u>	
3. Address of Operator <u>P. O. Box 460, Hobbs, NM 88240</u>	9. Well No. <u>Formerly 3 (Goodwin 25 #1)</u>	
4. Location of Well UNIT LETTER <u>G</u> <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>1980</u> FEET FROM THE <u>East</u> LINE, SECTION <u>25</u> TOWNSHIP <u>18S</u> RANGE <u>36E</u> N.M.P.M.	10. Field and Pool, or Wildcat	
11. Elevation (Show whether DF, RT, GR, etc.) <u>3751' df</u>	12. County <u>Lea</u>	

<p>13. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data</p> <p align="center">NOTICE OF INTENTION TO:</p> <p>PERFORM REVENUE WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> COMMENCE DRILLING OPER. <input type="checkbox"/> PLUG AND ABANDONMENT <input checked="" type="checkbox"/> FULL OR ALTERN. CASING <input type="checkbox"/> OTHER <input type="checkbox"/> CASING TEST AND CEMENT JOB <input type="checkbox"/> OTHER <input type="checkbox"/></p>		<p align="center">SUBSEQUENT REPORT OF:</p>
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--	----------------------------------------------------

14. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Spotted 100 Socks Class C Cement at 7928'. Topped cement plug @ 7825'. Set +bg @ 7822' and Spotted 50 Socks Class C Cement. Topped cement plug @ 7420'. Spotted 50 Socks Class C Cement plug @ 6550'. Spotted 100 Socks Class C Cement plug @ 5250'. Spotted 100 Socks @ following: 4350' and 2950'. Spotted 10 SK cmt plug @ Surface. Restored location. Recovered 6525' of 5 1/2" casing.

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

SIGNED [Signature] TITLE Sr. Analyst DATE 4-23-73

APPROVED BY [Signature] TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

NMOC-4 FILE

NO. OF COPIES RECEIVED	
DISTRIBUTION	
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FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

SUNDRY NOTICES AND REPORTS ON WELLS	
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT - A" (FORM C-101) FOR SUCH PROPOSALS.)	
1. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER	5a. Indicate Type of Lease State <input type="checkbox"/> <u>petroleum</u> Fee <input type="checkbox"/>
2. Name of Operator <u>Continental Oil Company</u>	5. State Oil & Gas Lease No.
3. Address of Operator <u>Box 460 Hobbs, N. Mexico</u>	7. Unit Agreement Name
4. Location of Well UNIT LETTER <u>G</u> <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>1980</u> FEET FROM THE <u>East</u> LINE, SECTION <u>25</u> TOWNSHIP <u>18S</u> RANGE <u>36E</u> NMPM.	8. Farm or Lease Name <u>Goodwin</u>
	9. Well No. <u>3 (Formerly Goodwin 25#1)</u>
	10. Field and Pool or Wildcat <u>Goodwin</u>
15. Elevation (Show whether DF, RT, GB, etc.) <u>3751' df</u>	12. County <u>Lea</u>

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
OTHER <input type="checkbox"/>	OTHER <input type="checkbox"/>
PLUG AND ABANDON <input checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
CHANGE PLANS <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

It is proposed to plug and abandon this well by the following procedures: Spot 100 sacks class C cement from 7920' to ±7000'. Cut and pull 5½" casing - est 6800'. Spot 50 sacks class C cement over top of cut-off casing (6750' - 6900'). Spot 100 sacks class C cement from 5250' - 5100'; 4350' - 4200' and 100 sacks 2950' - 2800'. Spot 10 sack surface plug and erect dry hole marker. Restore location for inspection.

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

SIGNED Robert Vault III TITLE Admin. Supervisor DATE 12-22-72

APPROVED BY Joe D. Ramsey by Dis. & Supv. TITLE _____ DATE DEC 26 1972

NMOCC-4 File

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease STATE <input type="checkbox"/> <u>Patented</u> <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.
7. Unit Agreement Name
8. Form or Lease Name <u>Gordon No 3</u> (formerly # 95)
9. Well No. <u>3</u>
10. Field and Pool, or Wildcat <u>Gordon</u>
12. County <u>Lea</u>

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK			
1a. Type of Work <u>Recomplete</u> <input checked="" type="checkbox"/>	DEEPEN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	SINGLE ZONE <input type="checkbox"/>	MULTIPLE ZONE <input type="checkbox"/>	
2. Name of Operator <u>Continental Oil Company</u>			
3. Address of Operator <u>P. O. Box 460, Hobbs, New Mexico</u>			
4. Location of Well UNIT LETTER <u>G</u> LOCATED <u>1980'</u> FEET FROM THE <u>North</u> LINE AND <u>1980</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>25</u> TWP. <u>18S</u> RCP. <u>37E</u> NEBADA			
21. Elevations (Show whether D.P., R.P., etc.) <u>3751' df</u>		21A. Kind & Status Plug, Bond <u>Blanket</u>	21B. Drilling Contractor <u>N/A</u>
22. Approx. Date Work will start <u>7-27-72</u>		19. Proposed Depth	
		19A. Formation	
		20. History of C.P.	

23. PROPOSED CASING AND CEMENT PROGRAM					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
<u>7 7/8"</u>	<u>5 1/2"</u>	<u>15.5 # 14.0</u>	<u>7990'</u>	<u>250 sacks</u>	<u>6600'</u>

It is proposed to re-enter the subject well by the following procedures: Drill out plugs and clean out to $\pm 8500'$ (set 150 sacks class C cement from 8500' up & calc cmt top to be $\pm 8000'$). Set $5 \frac{1}{2}"$ casing at 7990'. Cement w/ 250 sacks class C cement. Perf w/ 1 1/2" spf at 7789', 94', 7812', 16', 71', 58', 62', 17', 93', 7897', 7937', 41', 45', 50' and 7953'. Acid Frac perfs w/ 8,500 gals 28% HCL-NE acid. If commercial, run production tubing to $\pm 7950'$.

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Robert J. Smith Title Admin. Supervisor Date 7-20-72

(This space for State Use)

APPROVED BY John Ryan DATE JUL 26 1972

CONDITIONS OF APPROVAL, IF ANY

NMOCC (5) File

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator <i>Continental Oil Company</i>		Lease <i>Goodwin (Formerly Goodwin 25#1)</i>		Well No. <i>3</i>	
Unit Letter <i>G</i>	Section <i>25</i>	Township <i>18S</i>	Range <i>36E</i>	County <i>Lea</i>	
Actual Well Location of Well: <i>1980</i> feet from the <i>North</i> line and <i>1980</i> feet from the <i>East</i> line					
Ground Level Elev.	Producing Formation <i>Drinkard</i>	Pool <i>Goodwin Drinkard</i>	Dedicated Acreage: <i>40</i>		

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 interests 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 interests, has been approved by the Commission.

CERTIFICATION

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

Name *Robert Baulford*

Position *Admin. Supervisor*

Company *Continental Oil Co.*

Date *July 24, 1972*

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 _____

Registered Professional Engineer and/or Land Surveyor _____

Certificate No. _____

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

NUMBER OF COPIES RECEIVED DISTRIBUTION		NEW MEXICO OIL CONSERVATION COMMISSION			FORM C-103 (Rev 3-55)	
		MISCELLANEOUS REPORTS ON WELLS				
(Submit to appropriate District Office as per Commission Rule 1106)						
Name of Company Continental Oil Company				Address Box 427, Hobbs, New Mexico		
Lease Goodwin 25	Well No. 1	Unit Letter G	Section 25	Township 18	Range 36	
Date Work Performed Wildcat		County Lea				
THIS IS A REPORT OF: (Check appropriate block)						
<input type="checkbox"/> Beginning Drilling Operations <input type="checkbox"/> Casing Test and Cement Job <input type="checkbox"/> Other (Explain):						
<input checked="" type="checkbox"/> Plugging <input type="checkbox"/> Remedial Work						
Detailed account of work done, nature and quantity of materials used, and results obtained.						
<p>Plugged and abandoned by spotting 15 sack cement plug at 7930, 7750, 7130, 7000 and 4695. Spotted 10 ft. cement plug at 2910 and surface. Installed marker and restored location. Plugging started 4-19-62. Completed 4-20-62.</p> <p>Verbal approval to perform the above work was obtained from Mr. Joe Famey on 4-19-62.</p>						
Witnessed by R. O. Daharsh		Position Drig. Foreman		Company Continental Oil Company		
FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY						
ORIGINAL WELL DATA						
D F Elev.	TD	PBTD		Producing Interval	Completion Date	
Tubing Diameter		Tubing Depth		Oil String Diameter	Oil String Depth	
Perforated Interval(s)						
Open Hole Interval				Producing Formation(s)		
RESULTS OF WORKOVER						
Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						
OIL CONSERVATION COMMISSION				I hereby certify that the information given above is true and complete to the best of my knowledge.		
Approved by <i>[Signature]</i>				Name <i>[Signature]</i>		
Title District Superintendent				Position District Superintendent		
Date 4-20-62				Company Continental Oil Company		

NUMBER OF COPIES RECEIVED		NEW MEXICO OIL CONSERVATION COMMISSION				FORM C-103 (Rev 3-55)	
DISTRIBUTION		MISCELLANEOUS REPORTS ON WELLS					
SANTA FE FILE U.S.S. LAND OFFICE TRANSPORTER PRODUCTION OFFICE OPERATOR		(Submit to appropriate District Office as per Commission Rule 1106)					
Name of Company Continental Oil Company				Address Box 427 - Hobbs, New Mexico			
Lease Goodwin et al 25		Well No. 1	Unit Letter G	Section 25	Township 18S	Range 36E	
Date Work Performed 8-10-61		Pool Wildcat			County Lea		
THIS IS A REPORT OF: (Check appropriate block)							
<input type="checkbox"/> Beginning Drilling Operations <input type="checkbox"/> Casing Test and Cement Job <input checked="" type="checkbox"/> Other (Explain): <input type="checkbox"/> Plugging <input type="checkbox"/> Remedial Work Temporarily abandoned							
Detailed account of work done, nature and quantity of materials used, and results obtained. <p>Well was drilled to TD of 8582'. No commercial productive oil formations were encountered. Well was temporarily abandoned on 8-10-61, by installing blind flange on head. Location suitable for TA only.</p> <p>A Form C-103, approved by NMOC 8-23-61, specified that the status and future plans for this well must be reported every six months. At this time we have no plans to alter the status of this well. Another Form C-103 will be filed on August 10, 1962, unless we develop additional plans prior to the filing.</p>							
Witnessed by V. W. Davidson		Position Drilling Foreman		Company Continental Oil Company			
FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY							
ORIGINAL WELL DATA							
D F Elev.		TD		PBD		Producing Interval	
						Completion Date	
Tubing Diameter		Tubing Depth		Oil String Diameter		Oil String Depth	
Perforated Interval(s)							
Open Hole Interval				Producing Formation(s)			
RESULTS OF WORKOVER							
Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD	
Before Workover							
After Workover							
OIL CONSERVATION COMMISSION				I hereby certify that the information given above is true and complete to the best of my knowledge.			
Approved by				Name			
				<i>C. J. ...</i>			
Title				Position			
				District Superintendent			
Date				Company			
(3)				Continental Oil Company			

RECORD OF DRILL-STEM AND SPECIAL TESTS

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

TOOFS USED

Rotary tools were used from 0 feet to 8582 feet and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet and from _____ feet to _____ feet.

PRODUCTION

Put to Producing _____, 19____

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

GAS WELL: The production during the first 24 hours was _____ M.C.F. plus _____ barrels of liquid hydrocarbon. Shut in Pressure _____ lbs.

Length of Time Shut in _____

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

Southeastern New Mexico

Northwestern New Mexico

T. Arhy. <u>1605</u>	T. Devonian	T. Ojo Alamo
T. Salt <u>1695</u>	T. Silurian	T. Kirtland-Fruitland
B. Salt <u>2767</u>	T. Montoya	T. Farmington
T. Yates <u>2915</u>	T. Simpson	T. Pictured Cliffs
T. 7 Rivers <u>3248</u>	T. McKee	T. Menefee
T. Queen <u>3895</u>	T. Ellenburger	T. Point Lookout
T. Grayburg <u>4310</u>	T. Gr. Wash	T. Mancos
T. San Andres <u>4695</u>	T. Granite	T. Dakota
T. Delaware <u>5244</u>	T. _____	T. Morrison
T. Bone Spring <u>5958</u>	T. _____	T. Penn.
T. Glorieta <u>7040</u>	T. _____	T. _____
T. Abo <u>8156</u>	T. _____	T. _____
T. Penn.	T. _____	T. _____
T. Miss.	T. _____	T. _____

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1605	1605	Redbeds				
1605	1695	90	Anhydrite				
1695	2767	1072	Salt				
2767	4695	2928	Sand, shale, anhydrite, dolo.				
4695	5244	549	Dolomite				
5244	5958	714	Sand, salt, dolomite				
5958	7040	1082	Limestone				
7040	8156	1116	Dolomite, sand, salt				
8156	8582	426	Dolomite				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

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

August 30, 1961

Company or Operator Continental Oil Company Address Box 427 - Hobbs, New Mexico
Name V. J. Smith Title District Superintendent

NUMBER OF COPIES RECEIVED		NEW MEXICO OIL CONSERVATION COMMISSION				FORM C-103 (Rev 3-55)															
DISTRIBUTION		MISCELLANEOUS REPORTS ON WELLS																			
(Submit to appropriate District Office as per Commission Rule 1106)																					
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td colspan="2">SANTA FE</td></tr> <tr><td colspan="2">FILE</td></tr> <tr><td colspan="2">U.S.S.R.</td></tr> <tr><td colspan="2">LAND OFFICE</td></tr> <tr> <td>TRANSPORTER</td> <td>OIL</td> </tr> <tr> <td>PRODUCTION OFFICE</td> <td>SAS</td> </tr> <tr><td colspan="2">OPERATION</td></tr> </table>		SANTA FE		FILE		U.S.S.R.		LAND OFFICE		TRANSPORTER	OIL	PRODUCTION OFFICE	SAS	OPERATION		Name of Company Continental Oil Company Address Box 427, Hobbs, New Mexico 15					
SANTA FE																					
FILE																					
U.S.S.R.																					
LAND OFFICE																					
TRANSPORTER	OIL																				
PRODUCTION OFFICE	SAS																				
OPERATION																					
Lease GOODWIN ET AL 25		Well No. 1	Unit Letter G	Section 25	Township 18 S	Range 36 E															
Date Work Performed 8-10-61		Pool Wildcat			County Lea																
THIS IS A REPORT OF: (Check appropriate block)																					
<input type="checkbox"/> Beginning Drilling Operations <input type="checkbox"/> Casing Test and Cement Job <input checked="" type="checkbox"/> Other (Explain): Temporarily abandoned																					
<input type="checkbox"/> Plugging <input type="checkbox"/> Remedial Work																					
Detailed account of work done, nature and quantity of materials used, and results obtained. <p style="text-align: center;">Well was drilled to TD of 8,582'. No commercial productive oil formations were encountered. Well was temporarily abandoned on 8-10-61 by installing blind flange on head. Location suitable for TA only. A Form C-105 for this well will be filed in approximately 10 days.</p>																					
Witnessed by V. W. Davidson		Position Drilling Foreman		Company Continental Oil Company																	
FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY																					
ORIGINAL WELL DATA																					
D F Elev.		TD		PBTD		Producing Interval															
Completion Date		Tubing Diameter		Tubing Depth		Oil String Diameter															
Oil String Depth		Perforated Interval(s)		Open Hole Interval		Producing Formation(s)															
RESULTS OF WORKOVER																					
Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD															
Before Workover																					
After Workover																					
OIL CONSERVATION COMMISSION				I hereby certify that the information given above is true and complete to the best of my knowledge.																	
Approved by <i>[Signature]</i>				Name <i>[Signature]</i>																	
Title				Position District Superintendent																	
Date				Company Continental Oil Company																	

NUMBER OF COPIES RECEIVED		DISTRIBUTION		NEW MEXICO OIL CONSERVATION COMMISSION		FORM C-103 (Rev 3-55)	
NAME				MISCELLANEOUS REPORTS ON WELLS (Submit to appropriate District Office as per Commission Rule 1106)		1961 JUN 5 AM 6:11 7-3-61	
MILE							
U.S.G.A.							
LAND OFFICE							
TRANSPORTER							
OIL							
GAS							
HYDRATION OFFICE							
OPERATOR							
Name of Company				Address			
Continental Oil Company				Box 427, Hobbs, N. M.			
Lease		Well No.		Unit Letter		Section	
Goodwin et al 25		1		G		25	
Date Work Performed		Pool		Township		Range	
6-29-61		Wildcat		18S		36E	
County		Lea					
THIS IS A REPORT OF: (Check appropriate block)							
<input type="checkbox"/> Beginning Drilling Operations <input checked="" type="checkbox"/> Casing Test and Cement Job <input type="checkbox"/> Other (Explain):							
<input type="checkbox"/> Plugging <input type="checkbox"/> Remedial Work							
Detailed account of work done, nature and quantity of materials used, and results obtained. Drilled to 2925'. Ran 93 jts. 9 5/8" OD 36# H-40 and J-55 casing. Casing set at 2925'. Cemented with 660 sacks 50:50 Incoor Poemix with 2% Gel and 100 sacks Incoor neat around shoe. Plug down at 8:35 P.M. 6-29-61. Ran temperature survey 6-30-61, top of cement @ 28'. WOC 36 hrs. Tested casing with 1500# for 30 min. Test successful.							
Witnessed by				Position		Company	
V. W. Davidson				Drig. Foreman		Continental Oil Company	
FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY							
ORIGINAL WELL DATA							
D F Elev.		T D		P B T D		Producing Interval	
Tubing Diameter		Tubing Depth		Oil String Diameter		Oil String Depth	
Perforated Interval(s)							
Open Hole Interval							
Producing Formation(s)							
RESULTS OF WORKOVER							
Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD	
Before Workover							
After Workover							
OIL CONSERVATION COMMISSION				I hereby certify that the information given above is true and complete to the best of my knowledge.			
Approved by				Name			
Leslie A. Clements							
Title				Position			
				Alternate for District Superintendent			
Date				Company			
				Continental Oil Company			

NUMBER OF COPIES RECEIVED	
DISTRIBUTION	
SALES	
FILE	
U.S.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
PRODUCTION OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

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

1961 JUN 23 AM 8:17

Name of Company **Continental Oil Company** Address **Box 427, Hobbs, New Mexico**

Lease **Goodwin et al 25** Well No. **1** Unit Letter **G** Section **25** Township **18S** Range **36E**

Date Work Performed **6-24-61** Pool **Wildcat** County **Lea**

THIS IS A REPORT OF: (Check appropriate block)

- ☐ Beginning Drilling Operations
 ☒ Casing Test and Cement Job
 ☐ Other (Explain):
☐ Plugging
 ☐ Remedial Work

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

Spudded at 6:30 P.M. 6-23-61. Ran 12 jts. 13-3/8" OD 48# H-40 casing. Casing set @ 332'. Cemented with 550 sacks neat cement. Plug down @ 10:35 A.M. 6-24-61. Cement circulated. WOC 24 hrs. Tested 13-3/8" casing with 1100 lbs. for 30 min. Test successful.

Witnessed by **V. W. Davidson** Position **Drilling Foreman** Company **Continental Oil Company**

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev. **T D** P B T D **Producing Interval** **Completion Date**

Tubing Diameter **Tubing Depth** **Oil String Diameter** **Oil String Depth**

Perforated Interval(s)

Open Hole Interval **Producing Formation(s)**

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION

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

Approved by **Leshie A. Clements** Name **L. J. Smith**
 Title **District Superintendent**
 Date **Continental Oil Company**

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

Form C-101
Revised (12/1/55)

NOTICE OF INTENTION TO DRILL

Notice must be given to the District Office of the Oil Conservation Commission and approval obtained before drilling or recompletion begins. If changes in the proposed plan are considered advisable, a copy of this notice showing such changes will be returned to the sender. Submit this notice in QUINTUPLICATE. One copy will be returned following approval. See District instructions in Rules and Regulations of the Commission. If State Land submit 6 Copies Attach Form C-128 in triplicate to first 3 copies of form C-101

Hobbs, New Mexico

June 20, 1961

(Place)

(Date)

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Gentlemen:

You are hereby notified that it is our intention to commence the Drilling of a well to be known as
Continental Oil Company

Goodwin et al 25 (Company or Operator)

1980 (Lease), Well No. 1, in 3 (Unit). The well is located 1980 feet from the North line and 1980 feet from the East line of Section 25, T. 19, R. 36, NMPM. (GIVE LOCATION FROM SECTION LINE) Wildcat Pool, Lea County

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

If State Land the Oil and Gas Lease is No. _____

If patented land the owner is Mrs. Alma Goodwin

Address P.O. Box 172 Hobbs, New Mexico

We propose to drill well with drilling equipment as follows: Rotary

The status of plugging bond is blanket

Drilling Contractor Cactus Drilling Corporation of Texas
P.O. Box 348
San Angelo, Texas

We intend to complete this well in the Alb formation at an approximate depth of 8500 feet.

CASING PROGRAM

We propose to use the following strings of Casing and to cement them as indicated:

Size of Hole	Size of Casing	Weight per Foot	New or Second Hand	Depth	Sacks Cement
17-1/4"	13-3/8"	48	New	224	250
12-1/4"	9-5/8"	36	New	2500	800
8-3/4"	7"	23 & 26	New	3500	1400

If changes in the above plans become advisable we will notify you immediately.

ADDITIONAL INFORMATION (If recompletion give full details of proposed plan of work.)
CEMENT MUST BE CIRCULATED BEHIND

13 7/8 CASING.

Approved _____, 19____
Except as follows:

Sincerely yours,

Continental Oil Company
(Company or Operator)

By [Signature]

Position District Superintendent

Send Communications regarding well to
Continental Oil Company

Name Box 427, Hobbs, N.M.

Address

OIL CONSERVATION COMMISSION

By

Leslie V. Clements
NMCCC(5) SAN FE

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

FORM C-128
 Revised 5/1/57

SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

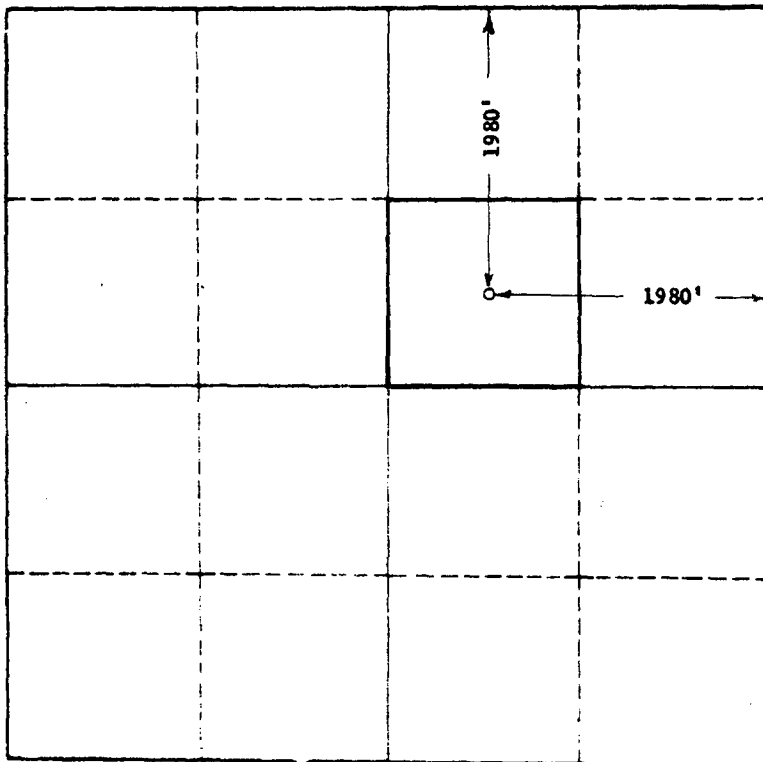
SECTION A

Operator CONTINENTAL OIL COMPANY			Lease GOODWIN ET AL 25		Date 1961 JUN 20 PM 1:17
Unit Number G	Section 25	Township 18 SOUTH	Range 36 EAST	County LEA	
Actual Footage Location of Well: 1980 feet from the NORTH line and 1980 feet from the EAST line					
Ground Level Elev. Abo	Producing Formation Abo	Pool Wildcat	Dedicated Acreage: 40 Acres		

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES ☒ NO ☐ ("Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (63-3-29 (e); NMSA 1933 Comp.)
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES ☐ NO ☐ If answer is "yes," Type of Consolidation _____
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner	Land Description

SECTION B

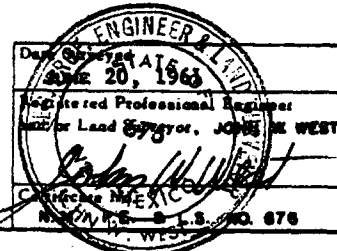


CERTIFICATION

I hereby certify that the information in SECTION A above is true and complete to the best of my knowledge and belief.

Name
Chas. A. Hester
 Position
District Superintendent
 Company
Continental Oil Company
 Date
June 20, 1961

I hereby certify that the well location shown on the plat in SECTION B 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.



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

CWWO

COUNTY	LEA	FIELD	Goodwin	STATE	NM	MN	03976
OPR	CONTINENTAL OIL CO.						MAP
	3 Goodwin						
	Sec 25, T-18-S, R-36-E						CO-ORD
	1980' FNL, 1980' FEL of Sec						
	Re-Spd 8-17-72						CLASS
	Re-Cmp 11-13-72						ES
		FORMATION	DATUM		FORMATION	DATUM	
CSG & SX - TUBING							
13 3/8" at 332' w/550 sx							
9 5/8" at 2925' w/760 sx							
5 1/2" at 8025' w/250 sx							
LOGS EL GR RA IND MC A							
	TD 8582': PBD 7920'						
TEMPORARILY ABANDONED							

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CONT.	PROP DEPTH	8500'	TYPE	WO
DATE				

F.R. 7-31-72; Opr's Elev. 3761' DF
PD 8500' WO (Drinkard)
(Orig. Continental Oil Co., #1 Goodwin "25",
P&A 4-20-62, OTD 8582')

8-21-72 TD 8582'; PBD 7988'; WOC
CO to 8029'
Ran 5 1/2" csg

8-28-72 TD 8582'; PBD 7988'; Swbg
Perf @ 7791', 7796', 7815', 7819', 7824',
7840', 7863', 7887', 7893', 7897', 7936',
7940', 7944', 7949', 7952' w/i SPI
Acid (7791-7952') 18,000 gals (28% NE)
Swbd 17 BO + 706 EW in 29 hrs

9-5-72 TD 8582'; PBD 7920'; Swbg
Swbd 7 BO + 198 EW in 10 hrs (7791-7952')
Sqzd 7936-52' w/100 sx
Swbd 115 EF w/trace oil in 4 hrs (7791-7897')

LEA
CONTINENTAL OIL CO.

Goodwin
3 Goodwin

NM Sec 25, T18S, R36E
Page #2

11-6-72 TD 8582'; PBD 7920'; SI
11-13-72 TD 8582'; PBD 7920'; TEMPORARILY ABANDONED
11-18-72 COMPLETION REPORTED

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LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.

<p align="center">SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT - 1" (FORM C-101) FOR SUCH PROPOSALS.)</p>	
1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- Dry Completion	7. Unit Agreement Name
2. Name of Operator Continental Oil Company	8. Farm or Lease Name State B-51
3. Address of Operator P. O. Box 460, Hobbs, New Mexico	9. Well No. 31
4. Location of Well UNIT LETTER G 1980 FEET FROM THE North LINE AND 1980 FEET FROM East 31 TOWNSHIP R3S RANGE 37E NMPM. THE LINE, SECTION TOWNSHIP RANGE NMPM.	10. Field and Pool, or Wildcat Goodwin-Drinks rd
11. Elevation (Show whether DF, RT, GR, etc.) 3139 ft	12. County Lea

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	OTHER <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed operations.)

SUBJECT Well was formerly Pennzoil's Conoco State No. 1. Well was plugged & abandoned to 7112' before being purchased by Continental Oil Company. The following is the subsequent work done on well by Continental.

TD 11675' FORM: GRANITE WASH
PAY: P & A 9 5/8" CSG SET @ 3130'
PERF: PLUGS: SET 50 SX CLASS "C" CMT PLUG IN OH FROM 7,000 TO 6850', 6750' TO 6627', 6500' - 6347'. SET 25 SX CMT PLUG FROM 4735' - 4658', 50 SX PLUG W/ 100# CACL IN & OUT OF 9 5/8" CSG FROM 3102' - 3049'. SET CIBP IN 9 5/8" CSG @ 3,000' & SPOTTED 3 SX CMT ON TOP OF PLUG. RAN FREE POINT & CUT 9 5/8" CSG @ 984'. SET 50 SX CLASS "C" CMT PLUG FROM 1,000' - 940'. SET 25 SX CMT PLUG @ 370' - 340'. SET 10 SX CMT PLUG FROM 10' TO SURFACE. WELL NON-COMMERCIAL P & A 10-6-66. DATE SPURD: 10-1-66. DRIG COMP: 10-6-66.
FORM TOPS: RUSTLER 1479', SALADO 1652', TANSILL 2619', YATES 2787', SEVEN RIVERS 3060', QUEEN 3660', GRAYBURG 4008', DELAWARE SD 4728' BONE SPRING 5332', CLEAR FORK, 6485'. DRINKARD 7007', ABC 7378', WOLF CAMP 8387', MISSISSIPPIAN 9162', WOODFORD 9271', DEVONIAN 9362', FUSSELMAN 10477', MONTROYA 10889', SIMPSON 11156', MCKEE 11402', ELLENBURGER 11610', GRANITE WASH 11641'.

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

SIGNED Walter R. Stephens TITLE Staff Supervisor DATE 10-10-66

APPROVED BY Leslie H. Clements TITLE _____ DATE _____

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**NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

Form C-105
Revised 1-1-65

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5b. State Oil & Gas Lease No.	
50	

1a. TYPE OF WELL										7. Unit Agreement Name	
b. TYPE OF COMPLETION OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/> NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>										8. Farm or Lease Name	
2. Name of Operator										9. Well No.	
CENT MENTAL OIL COMPANY										1	
3. Address of Operator										10. Field and Pool, or Wildcat	
P. O. BOX 450, HOBBS, NEW MEX CO										GOODWIN-DRINKALL	
4. Location of Well										12. County	
UNIT LETTER <u>B</u> LOCATED <u>2950</u> FEET FROM THE <u>NORTH</u> LINE AND <u>400</u> FEET FROM <u>THE</u> <u>FRONT</u> LINE OF SEC. <u>31</u> TWP. <u>12N</u> RGE. <u>21E</u> NMPM										LEA	
15. Date Spudded		16. Date T.D. Reached		17. Date Compl. (Ready to Prod.)		18. Elevations (DF, RKB, RT, GR, etc.)		19. Elev. Casinghead			
						2735		2739			
20. Total Depth		21. Plug Back T.D.		22. If Multiple Compl., How Many		23. Intervals Drilled By		24. Rotory Tools			
11,275						3-11-64		Cable Tools			
24. Producing Interval(s), of this completion - Top, Bottom, Name										25. Was Directional Survey Made	
OIL COMPLETION											
26. Type Electric and Other Logs Run										27. Was Well Cored	
CONTINENTAL BECAL OPERATIONS 10-1-65 & COMPLETED SAME 10-6-65											
28. CASING RECORD (Report all strings set in well)											
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED					
4 3/8	43.9	362		150 5X 11 1/2"							
5 7/8		5130		231 5X 11 1/2"		CUT @ 8 1/2"					
29. LINER RECORD										30. TUBING RECORD	
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET				
	NONE					NONE					
31. Perforation Record (Interval, size and number)					32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.						
NONE					DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED NONE						
33. PRODUCTION											
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)					
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio				
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)					
34. Disposition of Gas (Sold, used for fuel, vented, etc.)							Test Witnessed By				
35. List of Attachments											
36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.											
SIGNED <u>Robert Paul</u>		TITLE <u>STAFF SUPERVISOR</u>				DATE <u>10-18-66</u>					

NOCC - 5 LPT

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or reopened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anhy _____
T. Salt _____
B. Salt _____
T. Yates _____
T. 7 Rivers _____
T. Queen _____
T. Grayburg _____
T. San Andres _____
T. Glorieta _____
T. Paddock _____
T. Blinberry _____
T. Tubb _____
T. Drinkard _____
T. Abo _____
T. Wolfcamp _____
T. Penn. _____
T. Cisco (Bough C) _____

T. Canyon _____
T. Strawn _____
T. Atoka _____
T. Miss _____
T. Devonian _____
T. Silurian _____
T. Montoya _____
T. Simpson _____
T. McKee _____
T. Ellenburger _____
T. Gr. Wash _____
T. Granite _____
T. Delaware Sand _____
T. Bone Springs _____
T. _____
T. _____
T. _____

Northwestern New Mexico

T. Ojo Alamo _____
T. Kirtland-Fruitland _____
T. Pictured Cliffs _____
T. Cliff House _____
T. Menefee _____
T. Point Lookout _____
T. Mancos _____
T. Gallup _____
T. Base Greenhorn _____
T. Dakota _____
T. Morrison _____
T. Todilto _____
T. Entrada _____
T. Wingate _____
T. Chinle _____
T. Permian _____
T. Penn. "A" _____

T. Penn. "B" _____
T. Penn. "C" _____
T. Penn. "D" _____
T. Leadville _____
T. Madison _____
T. Elbert _____
T. McCracken _____
T. Ignacio Qtzite _____
T. Granite _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
1	14.1	13.1		1	14.1	13.1	
2	14.1	13.1		2	14.1	13.1	
3	14.1	13.1		3	14.1	13.1	
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65	14.1	13.1		65	14.1	13.1	
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67	14.1	13.1		67	14.1	13.1	
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69	14.1	13.1		69	14.1	13.1	
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75	14.1	13.1		75	14.1	13.1	
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77	14.1	13.1		77	14.1	13.1	
78	14.1	13.1		78	14.1	13.1	
79	14.1	13.1		79	14.1	13.1	
80	14.1	13.1		80	14.1	13.1	
81	14.1	13.1		81	14.1	13.1	
82	14.1	13.1		82	14.1	13.1	
83	14.1	13.1		83	14.1	13.1	
84	14.1	13.1		84	14.1	13.1	
85	14.1	13.1		85	14.1	13.1	
86	14.1	13.1		86	14.1	13.1	
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91	14.1	13.1		91	14.1	13.1	
92	14.1	13.1		92	14.1	13.1	
93	14.1	13.1		93	14.1	13.1	
94	14.1	13.1		94	14.1	13.1	
95	14.1	13.1		95	14.1	13.1	
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97	14.1	13.1		97	14.1	13.1	
98	14.1	13.1		98	14.1	13.1	
99	14.1	13.1		99	14.1	13.1	
100	14.1	13.1		100	14.1	13.1	

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. B-15354	

<p align="center">SUNDY NOTICES AND REPORTS ON WELLS</p> <p align="center"><small>(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)</small></p>	
1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER- Drilling Well	7. Unit Agreement Name -
2. Name of Operator PENNZOIL COMPANY	8. Farm or Lease Name Conoco-State
3. Address of Operator 1007 Midland Savings Bldg, Midland, Texas	9. Well No. 1
4. Location of Well UNIT LETTER G 1980 FEET FROM THE North LINE AND 1980 FEET FROM THE East LINE, SECTION 31 TOWNSHIP 18-S RANGE 37-E NMPM.	10. Field and Pool, or Wildcat Undesignated
15. Elevation (Show whether DF, RT, GR, etc.) 3740 GL	12. County Lea

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> OTHER Change operators. <input checked="" type="checkbox"/>	PLUG AND ABANDON <input checked="" type="checkbox"/> CHANGE PLANS <input type="checkbox"/> REMEDIAL WORK <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> CASING TEST AND CEMENT JOB <input type="checkbox"/> OTHER <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Permission to plug given by Mr. Joe Ramey on September 22, 1966.
 Set 25 Sx plug from 11,675' to 11,600'.
 Set 25 Sx plug from 9350 to 9275'.
 Set 25 Sx plug from 8800 to 8725'.
 Set 100 Sx plug from 8365' to 8050'.
 Set 50 Sx plug from 7250' to 7112'.
 Plugging completed at 6:30 p. m. 9-23-66.
 Well operations turned over to Continental Oil Company
 for completion attempt above 7112'.

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

SIGNED <u><i>[Signature]</i></u>	TITLE Drilling Superintendent	DATE October 5, 1966
APPROVED BY _____	TITLE _____	DATE _____

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OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

<p align="center">SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)</p>		<p>5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/></p> <p>5. State Oil & Gas Lease No.</p>
<p>1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Dry hole pending further testing</u></p> <p>2. Name of Operator <u>Continental Oil Company</u></p> <p>3. Address of Operator <u>P. O. Box 460, Hobbs, New Mexico</u></p> <p>4. Location of Well UNIT LETTER <u>G</u>, 1980 FEET FROM THE <u>North</u> LINE AND 1980 FEET FROM THE <u>East</u> LINE, SECTION <u>31</u> TOWNSHIP <u>18S</u> RANGE <u>37E</u> NMPM.</p> <p>15. Elevation (Show whether DF, RT, GR, etc.) <u>3730 GL</u></p>		<p>7. Unit Agreement Name</p> <p>8. Farm or Lease Name <u>State B-31 No. 1</u> <u>Formerly-Conoco State</u></p> <p>9. Well No. <u>1</u></p> <p>10. Field and Pool, or Wildcat <u>Goodwin Field</u> <u>Drinkard Pool</u></p> <p>12. County <u>Lea</u></p>

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOBS <input type="checkbox"/>	
OTHER <u>Assume Operations, PB & Complete</u> <input checked="" type="checkbox"/>		OTHER <input type="checkbox"/>	

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Continental Oil Company proposes to assume operations of the Pennzoil Oil Company's Conoco State Well No. 1 which has been drilled to a TD of 11,675' and determined to be dry and plugged back to 7112'.

It is our intentions to assume operation of this well from Pennzoil Oil Company, change the name to State B-31 No. 1 and since we retained all rights above 7700' in our Farmout Contract, we plan to complete in the Drinkard formation using the following procedure: (1) Run microlog; (2) Run Drill Stem test in Drinkard, set 4 1/2" casing, if productive, and complete; (3) Set plugs opposite Drinkard perforation, if not productive; (4) Run DST's in Clearfork formation and, if productive; (5) Run 4 1/2" casing, perforate, treat, and complete.

A subsequent report will be submitted upon completion of this work.

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

SIGNED MAURICE S. GILBERT TITLE Staff Supervisor DATE 9/28/66

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:
NMCC-5 970-2 PENNZOIL-2. RTLR-2

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LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Superseded O&G
C-102 and C-103
Effective 4-1-66

5a. Indicate Type of Lease
State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.
B-1535 $\frac{1}{2}$

<p align="center">SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)</p>	
1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- Drilling Well.	7. Unit Agreement Name
2. Name of Operator	8. Farm or Lease Name
PENNZOIL COMPANY	Conoco-State
3. Address of Operator	9. Well No.
1007 Midland Savings Building, Midland, Texas 79701	1
4. Location of Well	10. Field and Pool, or Wildcat
UNIT LETTER <u>G</u> 1980 FEET FROM THE <u>North</u> LINE AND 1980 FEET FROM	Wildcat
THE <u>east</u> LINE, SECTION <u>31</u> TOWNSHIP <u>18-S</u> RANGE <u>37-E</u> N.M.P.M.	
11. Elevation (Show whether DF, RT, GR, etc.)	12. County
3740 GL	Lea

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/>
OTHER <input type="checkbox"/>	OTHER <input type="checkbox"/>
PLUG AND ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
CHANGE PLANS <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1703.

Spudded 17 $\frac{1}{2}$ " hole 12:00 noon 7-31-66.
 Drilled to 385'.
 Ran 13 jts 13-3/8", 48#, H-40 casing to 362' and cemented to surface with 360 sacks. Plug down at 3:50 a.m. 8-1-66.
 Tested casing to 500# at 5:00 p. m. 8-1-66. Held o.k.
 Drilled 12 $\frac{1}{4}$ " hole to 3130' on 8-6-66.
 Ran 101 jts 9-5/8", 32.3# & 36# J-55 casing to 3129'. Cemented w/385 sacks Pozmix and 150 sacks neat. Plug down at 8:45 p.m. 8-6-66.
 Ran temperature survey. Top cement behind 9-5/8" casing at 1000'.
 Tested casing w/1500# for 30 minutes at 10:00 a. m. 8-7-66. Held o.k.

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

SIGNED J. H. Juddick TITLE Drilling Superintendent DATE 8-17-66

APPROVED BY _____ TITLE _____ DATE _____
 CONDITIONS OF APPROVAL, IF ANY:

NO. OF COPIES RECEIVED	
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SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.
B-15354

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work	DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>	7. Unit Agreement Name	None
b. Type of Well	OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>	8. Firm or Lease Name	Conoco-State
2. Name of Operator	PENNZOIL COMPANY	9. Well No.	1
3. Address of Operator	1007 Midland Savings Building	10. Field and Pool, or Wildcat	Wildcat
4. Location of Well	UNIT LETTER G LOCATED 1980 FEET FROM THE N LINE AND 1980 FEET FROM THE East LINE OF SEC. 31 TWP. 18-S RGE. 37-E NMPM	12. County	Lea
19. Proposed Depth	13,000	19A. Formation	Ellenburger
20. Rotary or C.T.	Rotary	21. Elevations (Show whether DP, RT, etc.)	3740 G.L.
21A. Kind & Status Plug. Bond	Blanket	21B. Drilling Contractor	Ard Drilling Company
22. Approx. Date Work will start	7-30-66		

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2	13-3/8	48	375	400	Circ.
12 1/2	9-5/8	36	3300	700	2000
8-3/4	5-1/2	17 & 20	13,300	Volume calc to bring cmt to bottom of inter. csg.	

APPROVAL FOR 90 DAY. UNLESS DRILLING COMMENCED.
EXAMPER *[Signature]*

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed *[Signature]* Title **Drilling Supt.** Date **July 21, 1966**

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form No. 1
Supersedes Form No. 1
Effective 1-1-66

All distances must be from the center of the well to the corner of the section.

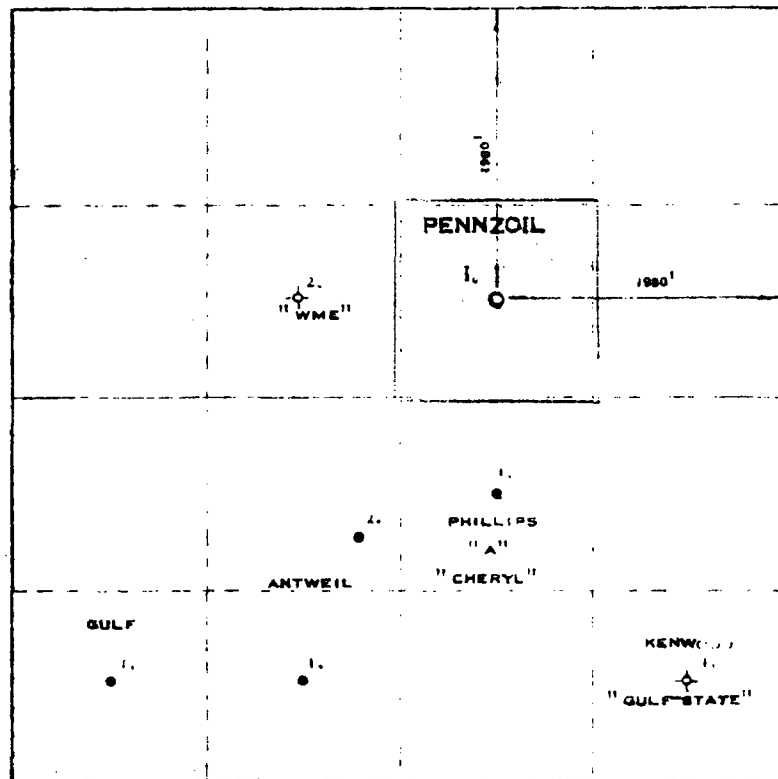
PENNZOIL COMPANY		CONOCO-STATE		1.
"G"	31	10-S	37-E	LEA
1980	NORTH	1980	EAST	
3740 GL	ELLENBURGER	WILDCAT	40	

- Outline the acreage dedicated to the subject well by colored pencil or by line marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership interest and royalty.
- If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, forced-pooling, or otherwise? (underline yes)

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated (in reverse side of this form if necessary).

No affidavit will be assigned to the well until all interests have been consolidated by communitization, unitization, forced-pooling, or otherwise on a non-standard unit. (Minimum 50% interests has been accepted by the Commission.)



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

Harold D. Dandridge
Offg. Secy
Pennzoil Co.
7/7/66

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.

JULY 6, 1966

Max A. Schurman
MAX A. SCHURMAN

1510

COUNTY - BEA		FIELD Willcox		STATE NM	
OPR CONCENTRATED OIL CONCENTR				MAP	
1 State 2-31					
Sec. 31, T-18-S, R-37-E				CO-ORD	
1981' ONT, 1980' SUL OF 3-40				MN 31832	
Sec. 31-66		CLASS		E	
GEP 1006-85					
		FORMATION	DATUM	FORMATION	DATUM
CSG & SX - TUBING					
1. 31-66 361' 300'					
9 17-66 313' 330'					
LOGS EL GR RA IND MC A					
		TD 11675'			
FISHED & AFANDONED					

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CONT. Lowe Drig. Co. PROP DEPTH 13,000' TYPE
DATE

E.R. 8-4-66: Opr's elev. 3735' SL
Elev 13,000' - Ellenburger
Contr. - Lowe Drig. Co.
10-10-66 AMEND OPERATOR & LEASE DESIGNATION: Formerly
PENNZONI COMPANY, #1 Conoco-State.
8-9-66 TD 3130', WOB.
8-17-66 Drig. 5905' lm & sd.
8-22-66 Drig. 7890'.
8-29-66 Drig. 8830'.
EST 8390-8450', open 1 hr,
rec 140' CM, 170' WD Salt Wtr + 90' Sli
GC Sul Wtr,
1 hr ESTP 3230#, EP 13-104#,
1 hr ESTP 2972#, EP 3810-3605#.
EST 6721-6756', open 1 hr,
rec 370' Sul Wtr CM + 1381' Salty Sul Wtr,
1 hr ESTP 3425#, EP 444-3422#.
1 hr ESTP 3425#.



ConocoPhillips Company
4001 Penbrook
Odessa, TX 79762
Phone 432-368-1266

NMOCD
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

VIA FED EX
RETURN RECEIPT REQUESTED

2005 SEP 23 AM 11 52

RE: **ConocoPhillips Objection to
Administrative Application of Duke Energy Field Services, LP (Duke)
For Authorization to Inject
Lea County, New Mexico**

Dear Sir or Madam:

ConocoPhillips objects to the injection of acid gas as proposed by Duke in their attached letter of September 10, 2005. Duke proposes to inject in either the Lower Bone Springs Formation (primary horizon) at 8700 to 9100 feet or the Brushy Canyon Formation (secondary horizon) at 5000 to 5300 feet. There are many wells drilled through the Brushy Canyon in this area which could pose a communication risk for the disposed acid gas in either these wells or future wells to be drilled to the productive horizons below 5300 feet. Therefore, ConocoPhillips objects to injection in the Brushy Canyon Formation. In addition, ConocoPhillips requires more time to investigate injection of acid gas in the Lower Bone Springs relative to its impact on our offsetting leasehold. Therefore, we must also object to injection of acid gas into the Lower Bone Springs at this time.

Questions about these objections can be directed to Tom Atkins at 832-486-2642 or to the undersigned at 432-368-1670.

Sincerely,

Judith E. Roper
ConocoPhillips

Attachment – Duke's Notification Letter

Xc: Alberto A. Gutierrez via Facsimile 505-842-7380
Consultant to Duke Energy Field Services, LP

GEOLEX
INCORPORATED**RECEIVED**

SEP 15 2005

Alberto A. Gutiérrez, C.P.C.

September 10, 2005

M-ABU - LANDConoco Phillips Co.
PO Box 2197
Houston TX 77252VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTEDRE: ADMINISTRATIVE APPLICATION OF DUKE ENERGY FIELD
SERVICES, LP FOR AUTHORIZATION TO INJECT,
LEA COUNTY, NEW MEXICO

To Whom It May Concern:

This letter is to advise you that Duke Energy Field Services, LP, (Duke) has filed the enclosed application with the New Mexico Oil Conservation Division (NMOCD) seeking administrative authorization to inject up to 2300 barrels per day of acid gas at a maximum pressure of 2800 psi into the Lower Bone Spring Formation between approximately 8700 and 9100 feet through Duke's proposed Linam AGI Well #1, to be drilled approximately 1980 feet from the south line and 1980 feet from the west line of Section 30 Township 18S Range 37E, NMPM, Lea County, New Mexico. In addition, Duke will test the Brushy Canyon Member of the Delaware Group at approximately 5000' for consideration as a potential secondary injection target. The proposed well will be located approximately 4 1/4 miles west of Hobbs, New Mexico.

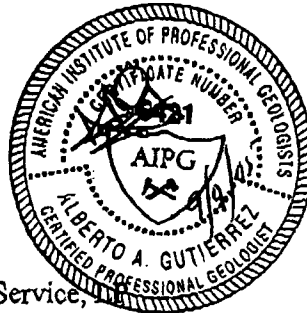
Pursuant to NMOCD requirements, any objections or request for hearing must be filed with NMOCD, 1220 South St. Francis Drive; Santa Fe, New Mexico 87505 within fifteen (15) days of the date of this letter.

Sincerely,
Geolex, Inc.

Alberto A. Gutiérrez, C.P.G.

President

Consultant to Duke Energy Field Service,



AAG/lh

Enclosures

cc (w/o enclosures): Joshua B. Epel, Assistant General Counsel - DEFS

D:\Projects\05-005\C108 Application\Conoco permit letter.doc