

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

WJS
10/11/05

Dear Mr. Jones:

Geolex, Inc. (Geolix) reviewed your correspondence dated September 16, 2005, regarding Duke Energy Field Services' (DEFS) application to inject (C-108) in Unit K, Section 30, T13S, 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

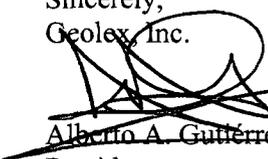
temperature control of the outlet gas and the injection line would have a pressure control valve to continuously maintain pressure control throughout the compressor.

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. Gutiérrez, 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
Dora Montz
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	
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. 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. 	A. Signature <input checked="" type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee	
	B. Received by (Printed Name) GUY S. RUSSELL # 521	C. Date of Delivery SEP 13 2005
1. Article Addressed to: Marathon Oil Co. PO Box 2069 Houston TX 77252	D. Is delivery address different from item 1? <input checked="" type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No	
3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.		
4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes		
2. Article Number (Transfer from service label) 7002 1000 0005 2953 0198 PS Form 3811, August 2001 Domestic Return Receipt 102595-02-M-1540		

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. 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. 	A. Signature <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee	
	B. Received by (Printed Name)	C. Date of Delivery
1. Article Addressed to: Chevron USA PO Box 4791 Houston TX 77210	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No	
3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.		
4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes		
2. Article Number (Transfer from service label) 7002 1000 0005 2953 0150 PS Form 3811, August 2001 Domestic Return Receipt 102595-02-M-1540		

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. 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. 	A. Signature <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee	
	B. Received by (Printed Name) T. J. M.	C. Date of Delivery SEP 13 2005
1. Article Addressed to: Conoco Phillis Co. PO Box 2197 Houston TX 77252	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No	
3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.		
4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes		
2. Article Number (Transfer from service label) 7002 1000 0005 2953 0181 PS Form 3811, August 2001 Domestic Return Receipt 102595-02-M-1540		

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- 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:

Amerindo Hess Corp.
PO 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

COMPLETE THIS SECTION ON DELIVERY

A. Signature *GEE* Agent
 Addressee

B. Received by (Printed Name) C. Date of Delivery
SEP 14 2005

D. Is delivery address different from item 1? Yes
If 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

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- 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:

Southwest Royalties, Inc.
Desto 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 *ERKORAWO* Agent
 Addressee

B. Received by (Printed Name) C. Date of Delivery
9/14/05

D. Is delivery address different from item 1? Yes
If 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

7002 1000 0005 2953 0150

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only, No Insurance Coverage Provided)

HOUSTON, TX 77210

Postage	4.90	UNIT ID: 0129
Certified Fee		
Return Receipt Fee (Endorsement Required)	2.30	
Restricted Delivery Fee (Endorsement Required)	1.75	
Total Postage & Fees	8.95	

Postmark Here
 Clerk: KN2F45
 09/12/05

Sent To
 Chevron USA
 PO Box 4791
 Houston TX 77210

7002 1000 0000 2953 0181

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only, No Insurance Coverage Provided)

HOUSTON, TX 77252

Postage	4.90	UNIT ID: 0129
Certified Fee		
Return Receipt Fee (Endorsement Required)	2.30	
Restricted Delivery Fee (Endorsement Required)	1.75	
Total Postage & Fees	8.95	

Postmark Here
 Clerk: KN2F45
 09/12/05

Sent To
 Conoco Phillips Co.
 PO Box 2197
 Houston TX 77252

7002 1000 0005 2953 0198

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only, No Insurance Coverage Provided)

HOUSTON, TX 77252

Postage	4.90	UNIT ID: 0129
Certified Fee		
Return Receipt Fee (Endorsement Required)	2.30	
Restricted Delivery Fee (Endorsement Required)	1.75	
Total Postage & Fees	8.95	

Postmark Here
 Clerk: KN2F45
 09/12/05

Sent To
 Marathon Oil
 PO Box 2069
 Houston TX 77252

7002 1000 0005 2953 0211

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only, No Insurance Coverage Provided)

MIDLAND, TX 79705

Postage	4.55	UNIT ID: 0129
Certified Fee		
Return Receipt Fee (Endorsement Required)	2.30	
Restricted Delivery Fee (Endorsement Required)	1.75	
Total Postage & Fees	8.60	

Postmark Here
 Clerk: KN2F45
 09/12/05

Sent To
 Southwest Royalties Inc.
 6 Desta Drive # 2100
 Midland TX 79705

7002 1000 0005 2953 0204

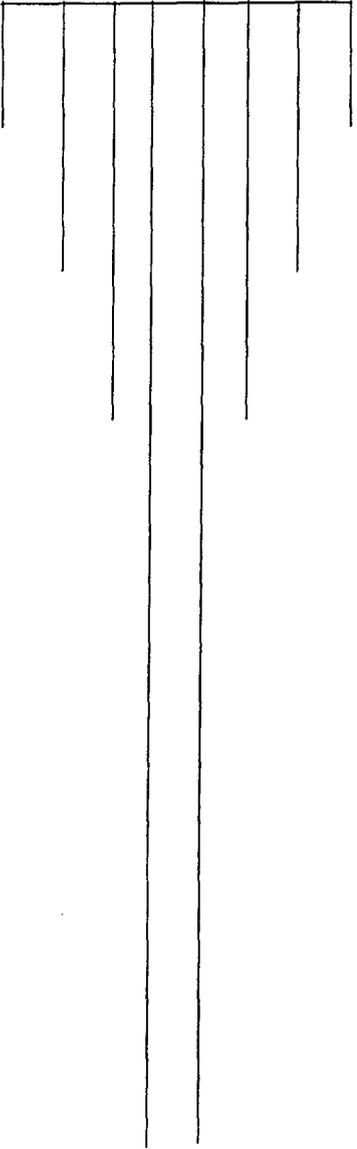
U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only, No Insurance Coverage Provided)

HOUSTON, TX 77252

Postage	4.90	UNIT ID: 0129
Certified Fee		
Return Receipt Fee (Endorsement Required)	2.30	
Restricted Delivery Fee (Endorsement Required)	1.75	
Total Postage & Fees	8.95	

Postmark Here
 Clerk: KN2F45
 09/12/05

Sent To
 Amerada Hess Corp.
 PO Box 2040
 Houston TX 77252

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

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

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.)

1. OIL WELL GAS WELL OTHER
2. Name of Operator
Continental Oil Company
3. Address of Operator
P. O. Box 460, Hobbs, NM 88240
4. Location of Well
UNIT LETTER G 1980 FEET FROM THE North LINE AND 1980 FEET FROM
THE East LINE, SECTION 25 TOWNSHIP 185 RANGE 36E N.M.P.M.

7. Unit Agreement Name
8. Term or Lease Name
Goodwin
9. Well No. Formerly 3 (Goodwin 25#1)
10. Field and Pool, or Wildcat

11. Elevation (Show whether DF, RT, GR, etc.)
3751' df

12. County
Lea

13. 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 OPERATIONS <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 JOB <input type="checkbox"/>	OTHER <input type="checkbox"/>

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.

Spatted 100 Socks Class C Cement at 7928', tagged cement plug @ 7825'. Set tbg @ 7822' and spatted 50 Socks Class C cement. Tagged cement plug @ 7420'. Spatted 50 Socks Class C cement plug @ 6550'. Spatted 100 socks Class C cement plug @ 5250'. Spatted 100 socks @ following: 4350' and 2950'. Spatted 10 SK cmt plug @ surface, restored location. Recovered 6525' of 5 1/2" casing.

I, 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:

NO. OF COPIES 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

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	7. Unit Agreement Name
2. Name of Operator <i>Continental Oil Company</i>	8. Farm or Lease Name <i>Goodwin</i>
3. Address of Operator <i>Box 460 Hobbs, N. Mexico</i>	9. Well No. <i>3 (Formerly Goodwin 25 #1)</i>
4. Location of Well UNIT LETTER <i>G</i> <i>1980</i> FEET FROM THE <i>north</i> LINE AND <i>1980</i> FEET FROM <i>East</i> LINE, SECTION <i>25</i> TOWNSHIP <i>18S</i> RANGE <i>36E</i> N.M.P.M.	10. Field and Pool, or Wildcat <i>Goodwin</i>
15. Elevation (Show whether DF, RT, GB, etc.) <i>3751' df</i>	12. County <i>Lea</i>

13. 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 checked="" 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"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <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 procedure: Spot 100 sacks class C cement from 7920' to ±7000'. Cut and pull 5 1/2" 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 *Dist. & 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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work *Recomplete* DEEPEN PLUG BACK

b. Type of Well
OIL WELL GAS WELL OTHER

2. Name of Operator
Continental Oil Company

3. Address of Operator
P. O. Box 460, Hobbs, New Mexico

4. Location of Well
UNIT LETTER *G* LOCATED *1980'* FEET FROM THE *North* LINE
AND *1980* FEET FROM THE *East* LINE OF SEC. *25* TWP. *18S* RCP. *37E* N.M.P.S.

5A. Indicate Type of Lease
STATE *Patent*

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Form or Lease Name
Formerly
Goodwin No 3 (Production 5)

9. Well No.
3

10. Field and Pool, or Wellbore
Goodwin

12. County
Lea

19. Proposed Depth
20. History of C.P.

21. Elevation (Show whether D.P., R.L., etc.)
3751' d.f.

21A. Kind & Status Plug, Bond
Blanket

21B. Drilling Contractor
N/A

22. Approx. Date Work will start
7-27-72

23. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
<i>7 7/8"</i>	<i>5 1/2"</i>	<i>15.5 x 14.0</i>	<i>7990'</i>	<i>250 Sacks</i>	<i>6600'</i>

It is proposed to re-enter the subject well by the following procedures: Drill out plugs and clean out to $\pm 8500'$ (spot 150 sacks class C cement from 8500' up & call 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" SP at 7789', 94', 7812', 16', 21', 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. Fulton* Title *Admin. Supervisor* Date *7-20-72*

(This space for State Use)

APPROVED BY *John Ryan* TITLE _____ DATE *JUL 26 1972*

CONDITIONS OF APPROVAL, IF ANY

NMOCC (5) *File*

NEW TEXAS 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>185</i>	Range <i>36 E</i>	County <i>Yea</i>	

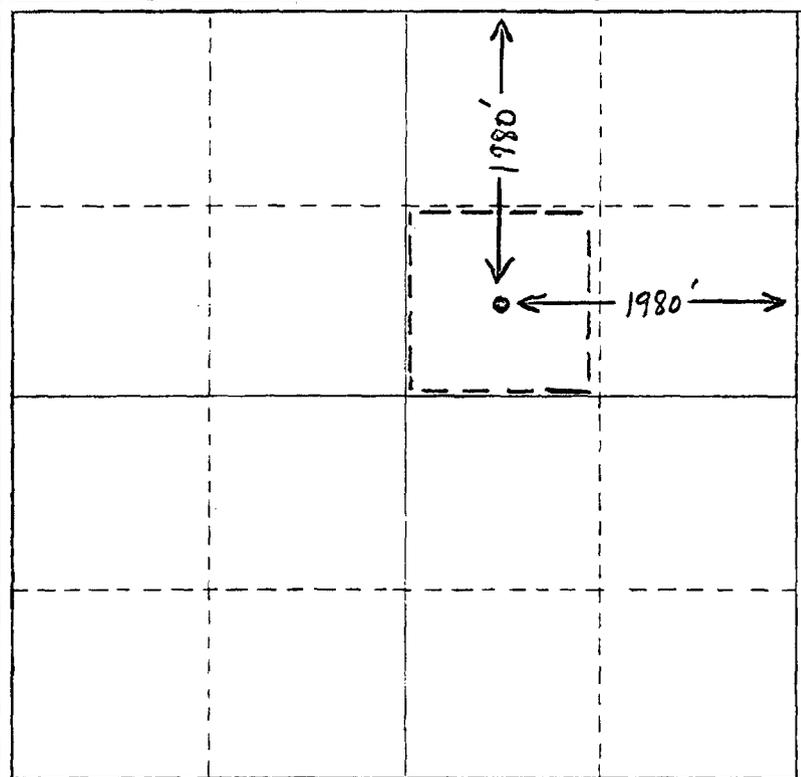
Actual Well Location of Well:
1980 feet from the *North* line and *1980* feet from the *East* line

Ground Level Elev.	Producing Formation <i>Dinkard</i>	Pool <i>Goodwin Dinkard</i>	Dedicated Acreage: <i>40</i>
--------------------	---------------------------------------	--------------------------------	---------------------------------

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the 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 Baultain*
 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.: _____

NUMBER OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
ALBUQUERQUE	
EL PASO	
LAND OFFICE	
TRANSPORTATION	
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)

Name of Company **Continental Oil Company** Address **1952 APR 27 PM 2:19**
Box 427, Hobbs, New Mexico

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

Date Work Performed _____ 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.

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.

Verbal approval to perform the above work was obtained from Mr. Joe Famey on 4-19-62.

Witnessed by **R. O. Daharsh** Position **Drlg. Foreman** Company **Continental Oil Company**

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev. _____ TD _____ 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 *[Signature]* Name _____

Title _____ Position **District Superintendent**

Date _____ Company **Continental Oil Company**

NUMBER OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.S.	
LAND OFFICE	
TRANSPORTER	OIL
	AAA
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)

Name of Company Continental Oil Company		Address Box 427 - Hobbs, New Mexico			
Lease Goodwin etal 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)

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

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

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.

A Form C-103, approved by NMOCC 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.

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	P BTD	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						

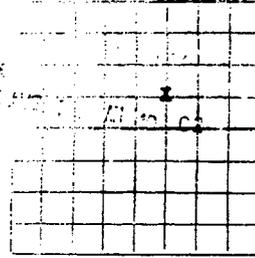
OIL CONSERVATION COMMISSION

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 (3)	Company Continental Oil Company

STATE OF NEW MEXICO
DEPARTMENT OF MINES AND METALS
OFFICE OF OIL CONSERVATION
SALE OFFICE
REGISTRATION OFFICE
OPERATOR

NEW MEXICO OIL CONSERVATION COMMISSION
 Santa Fe, New Mexico



WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE If State Land submit 6 Copies

Continental Oil Company
 (Company or Operator)

Goodwin 25
 (Lease)

Well No. 1 in SW $\frac{1}{4}$ of NE $\frac{1}{4}$ of Sec. 25, T. 18, R. 36, NMPM.
Wildcat Pool, Lea County.
 Well is 1980 feet from North line and 1980 feet from East line
 of Section 25. If State Land the Oil and Gas Lease No. is.....
 Drilling Commenced 6-23, 1961. Drilling was Completed 8-8, 1961.
 Name of Drilling Contractor Cactus Drilling Corp.
 Address P. O. Box 348 San Angelo, Texas
 Elevation above sea level at Top of XXXXXXXXXX DF 3761. The information given is to be kept confidential until
 _____, 19____.

OIL SANDS OR ZONES

No. 1, from..... to..... No. 4, from..... to.....
 No. 2, from..... to..... No. 5, from..... to.....
 No. 3, from..... to..... No. 6, from..... to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.
 No. 1, from..... to..... feet.
 No. 2, from..... to..... feet.
 No. 3, from..... to..... feet.
 No. 4, from..... to..... feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13 3/8	48	New	332	Guide			Surface
9 5/8	36	New	2925	Guide & Float			Intermediate

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17 1/2"	13 3/8	332	550	Circulated		
12 1/4"	9 5/8	2925	760	Pump & Plug		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gall. used, interval treated or shot.)

Notes: Well was temporarily abandoned on 8-10-61 by installing blind flange on head.

Result of Production Stimulation.....
 Depth Cleaned Out.....

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit reports on separate sheets and attach hereto.

TOOLS 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. Arby.....	<u>1605</u>	T. Devonian.....	T. Ojo Alamo.....
T. Silt.....	<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 Delaware.....	<u>5244</u>	T. _____.....	T. Morrison.....
T. Bone Spring Bone Spring.....	<u>5958</u>	T. _____.....	T. Penn.....
T. Glorieta Glorieta.....	<u>7040</u>	T. _____.....	T. _____.....
T. Abo Reef.....	<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 (Date)

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

NUMBER OF COPIES RECEIVED	
DISTRIBUTION	
STATE PT	
FILE	
U.S.G.L.	
LAND OFFICE	
TRANSPORTER	OIL
	SAS
PRODUCTION OFFICE	
OPERATION	

NEW MEXICO OIL CONSERVATION COMMISSION
MISCELLANEOUS REPORTS ON WELLS

FORM C-103
(Rev 3-55)

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

Name of Company Continental Oil Company		Address Box 427, Hobbs, New Mexico 15			
Lease GOODWIN ET AL 25	Well No. 1	Unit Letter G	Section 25	Towship 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): |
| <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.

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.

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

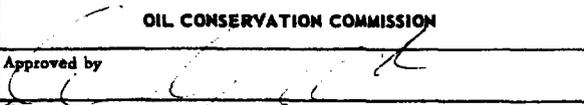
FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev.	TD	P BTD	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 Compton		
Title District Superintendent	Position		
Date	Company Continental Oil Company		

NUMBER OF COPIES RECEIVED	
DISTRIBUTION	
STATE PT	
FILE	
U.S.G.A.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
HYDRATION 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)

Name of Company: **Continental Oil Company** Address: **1961 6th St NE Box 427, Hobbs, N. M.** **7-3-61**

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

Date Work Performed: **6-29-61** 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.

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 Incor Pozmix with 2% Gel and 100 sacks Incor 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: **V. W. Davidson** Position: **Drlg. 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 Sizing 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: *Leslie A. Clements* Name: _____
Title: **Alternate for District Superintendent** Position: _____
Date: _____ Company: **Continental Oil Company**

NUMBER OF COPIES RECEIVED		DISTRIBUTION
STATE	FILE	

NEW MEXICO OIL CONSERVATION COMMISSION FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS OFFICE OCC

(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. 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 **[Signature]** Name **[Signature]**
Title **District Superintendent**
Date Company **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 **Special 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

(Company or Operator)

Goodwin et al 25

(Lease)

1

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 Market

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	350'	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

Name Continental Oil Company

Address Box 427, Hobbs, N.M.

OIL CONSERVATION COMMISSION

By [Signature]
 NMCCC(5) SAN FE

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

FORM C-122
 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** 1961 JUN 20 PM 1:57

Unit Number **G** Section **25** Township **18 SOUTH** Range **36 EAST** County **LEA**

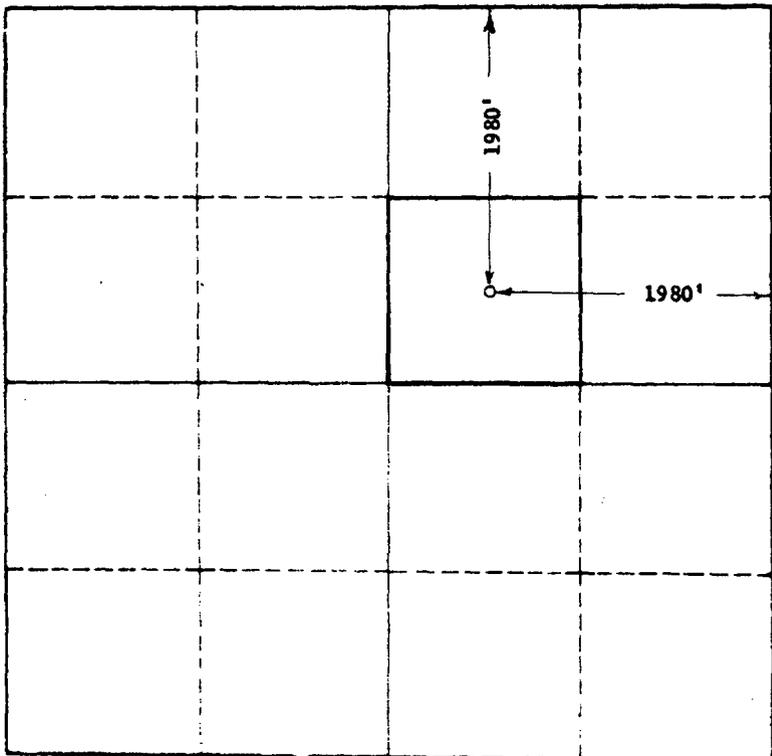
Actual Footage Location of Well: **1980** feet from the **NORTH** line and **1980** feet from the **EAST** line

Ground Level Elev. _____ 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. (61-3-29 (e); NMSA 1935 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



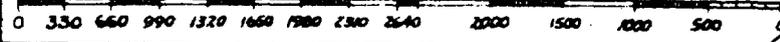
CERTIFICATION

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

Name _____
 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.

DATE OBSERVED AT **JUNE 20, 1961**
 Registered Professional Engineer and/or Land Surveyor, **JOHN W. WEST**
 State of **NEW MEXICO**
 License No. **676**



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

Re-Cmp 11-13-72	CLASS		E	
	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'; PPD 7920'			

TEMPORARILY ABANDONED

Distribution limited and publication prohibited by subscribers' agreement.
 Reproduction rights reserved by Williams & Lee Scouting Service, Inc.

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

NO. OF COPIES 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

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

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.)

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-1
3. Address of Operator F. 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 N8S 37E 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 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 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 3132' - 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 SPUNDED: 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', MONTOYA 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 P. Stephens TITLE Staff Supervisor DATE 10-10-66

APPROVED BY Leslie H. Clements TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

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

Form C-105
Revised 1-1-65

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

5a. Indicate Type of Lease
State Fee
5. State Oil & Gas Lease No.
50

1a. TYPE OF WELL
OIL WELL GAS WELL DRY OTHER _____

5. TYPE OF COMPLETION
NEW WELL WORK OVER DEEPEN PLUG BACK DIFF. RESVR. OTHER _____

2. Name of Operator
CONTINENTAL OIL COMPANY

3. Address of Operator
P.O. BOX 450, HOBBS, NEW MEX 700

4. Location of Well
UNIT LETTER B LOCATED 2950 FEET FROM THE NORTH LINE AND 405 FEET FROM _____

7. Unit Agreement Name
8. Farm or Lease Name
STATE B-31

9. Well No.
1

10. Field and Pool, or Wildcat
GOODWIN-DRINKALL

11. County
LEA

12. County
LEA

15. Date Spudded _____ 16. Date T.D. Reached _____ 17. Date Compl. (Ready to Prod.) _____ 18. Elevations (DF, RKB, RT, GR, etc.) 2735 19. Elev. Casinghead 2739

20. Total Depth 2775 21. Plug Back T.D. _____ 22. If Multiple Compl., How Many _____ 23. Intervals Drilled By
Rotary Tools 2-11-56 Cable Tools _____

24. Producing Interval(s), of this completion - Top, Bottom, Name
OIL COMPLETION

25. Was Directional Survey Made _____

26. Type Electric and Other Logs Run
CONTINENTAL BECAL OPERATING LOG-65 & COMPLETED SAME 10-6-66

27. Was Well Cored _____

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
4 1/2"	439	362		150 SX 11.10'	
3 1/2"		3130		201 SX 11.10'	CUT @ 80'

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
NONE				

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
NONE		

31. Perforation Record (Interval, size and number)
NONE

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

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 Robert Paul [Signature] TITLE STAFF SUPERVISOR DATE 10-18-66

NOCC - 5 147

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

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Balt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____	T. McKee _____	T. Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todillo _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
141	142	1					
142	143	1					
143	144	1					
144	145	1					
145	146	1					
146	147	1					
147	148	1					
148	149	1					
149	150	1					
150	151	1					
151	152	1					
152	153	1					
153	154	1					
154	155	1					
155	156	1					
156	157	1					
157	158	1					
158	159	1					
159	160	1					
160	161	1					
161	162	1					
162	163	1					
163	164	1					
164	165	1					
165	166	1					
166	167	1					
167	168	1					
168	169	1					
169	170	1					
170	171	1					
171	172	1					
172	173	1					
173	174	1					
174	175	1					
175	176	1					
176	177	1					
177	178	1					
178	179	1					
179	180	1					
180	181	1					
181	182	1					
182	183	1					
183	184	1					
184	185	1					
185	186	1					
186	187	1					
187	188	1					
188	189	1					
189	190	1					
190	191	1					
191	192	1					
192	193	1					
193	194	1					
194	195	1					
195	196	1					
196	197	1					
197	198	1					
198	199	1					
199	200	1					
200	201	1					
201	202	1					
202	203	1					
203	204	1					
204	205	1					
205	206	1					
206	207	1					
207	208	1					
208	209	1					
209	210	1					
210	211	1					
211	212	1					
212	213	1					
213	214	1					
214	215	1					
215	216	1					
216	217	1					
217	218	1					
218	219	1					
219	220	1					
220	221	1					
221	222	1					
222	223	1					
223	224	1					
224	225	1					
225	226	1					
226	227	1					
227	228	1					
228	229	1					
229	230	1					
230	231	1					
231	232	1					
232	233	1					
233	234	1					
234	235	1					
235	236	1					
236	237	1					
237	238	1					
238	239	1					
239	240	1					
240	241	1					
241	242	1					
242	243	1					
243	244	1					
244	245	1					
245	246	1					
246	247	1					
247	248	1					
248	249	1					
249	250	1					
250	251	1					
251	252	1					
252	253	1					
253	254	1					
254	255	1					
255	256	1					
256	257	1					
257	258	1					
258	259	1					
259	260	1					
260	261	1					
261	262	1					
262	263	1					
263	264	1					
264	265	1					
265	266	1					
266	267	1					
267	268	1					
268	269	1					
269	270	1					
270	271	1					
271	272	1					
272	273	1					
273	274	1					
274	275	1					
275	276	1					
276	277	1					
277	278	1					
278	279	1					
279	280	1					
280	281	1					
281	282	1					
282	283	1					
283	284	1					
284	285	1					
285	286	1					
286	287	1					
287	288	1					
288	289	1					
289	290	1					
290	291	1					
291	292	1					
292	293	1					
293	294	1					
294	295	1					
295	296	1					
296	297	1					
297	298	1					
298	299	1					
299	300	1					
300	301	1					
301	302	1					
302	303	1					
303	304	1					
304	305	1					
305	306	1					
306	307	1					
307	308	1					
308	309	1					
309	310	1					
310	311	1					
311	312	1					
312	313	1					
313	314	1					
314	315	1					
315	316	1					
316	317	1					
317	318	1					
318	319	1					
319	320	1					
320	321	1					
321	322	1					
322	323	1					
323	324	1					
324	325	1					
325	326	1					
326	327	1					
327	328	1					
328	329	1					
329	330	1					
330	331	1					
331	332	1					
332	333	1					
333	334	1					

NO. OF COPIES 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

5a. Indicate Type of Lease
State Fee
5. State Oil & Gas Lease No.
B-15354

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.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> 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"/>	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 Change operators. <input checked="" 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 checked="" 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 *[Signature]* TITLE **Drilling Superintendent** DATE **October 5, 1966**

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
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 Fee

5. State Oil & Gas Lease No.
B-1535½

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.)

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 PENNZOIL COMPANY	8. Farm or Lease Name Conoco-State
3. Address of Operator 1007 Midland Savings Building, Midland, Texas 79701	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 N.M.P.M.	10. Field and Pool, or Wildcat Wildcat
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"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIATION WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input checked="" type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <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 1703.

Spudded 17½" 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 12½" 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. Sardick TITLE Drilling Superintendent DATE 8-17-66

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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

NEW MEXICO OIL CONSERVATION COMMISSION

Form O-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-1535 1/2
7. Unit Agreement Name None
8. Form or Lease Name Conoco-State
9. Well No. 1
10. Field and Pool, or Wildcat Wildcat
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

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"/>
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>
2. Name of Operator PENNZOIL COMPANY
3. Address of Operator 1007 Midland Savings Building
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
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 DAYS UNLESS DRILLING COMMENCED.
EXPIRES 12/21/66

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 *L. P. ...* 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
 Supervisory Dept. 3
 Effective 1-1-66

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

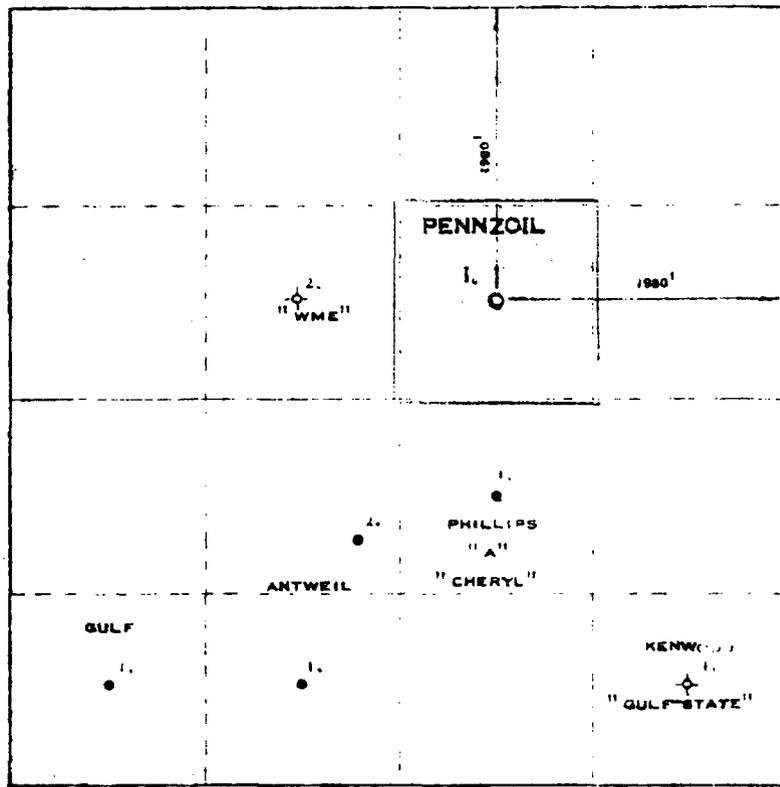
PENNZOIL COMPANY		"CONOCO-STATE"		1.
"G"	31	18-S	37-E	LEA
1980	NORTH	1980	EAST	
3740 GL	ELLENBURGER	WILDCAT	40	

- Outline the acreage dedicated to the subject well by colored pencil or by line markings 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, or if not, are they pooling with _____

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

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

No affirmative will be assigned to the well until all interests have been consolidated by communitization, pooling, forced-pooling, or otherwise in a non-standard unit containing such interests has been approved by the Commission.



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

Harold D. Hendrick
Deputy Sect
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 Willcoat		STATE NM	
OPR CONVENTIONAL OIL CONVEYANCE				MAP	
1 State 2-31					
Sec. 31, T-18-S, R-37-E				CO-ORD	
1981' ONT, 1980' BEL OF BEA				MN 21832	
RES - 11-06		CLASS		E	
GRP 1006-85					
		FORMATION	DATUM	FORMATION	DATUM
CSG & SX - TUBING					
1. 818' 361' 300					
9 178' 313' 330					
LOGS EL GR RA IND MC A					
		TD 11675'			
REMOVED & ABANDONED					

Distribution limited and publication prohibited by subscribers' agreement.
 Reproduction rights reserved by Williams & Lee Scouting Service, Inc.

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

E.R. 8-4-66; Opr's elev. 3735' SL
 EL 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.
 8-21-66 Drig. 7890'.
 8-29-66 Drig. 8834'.
 DST 8390-8450', open 1 hr,
 rec 140' SW, 170' NW Salt Wtr + 90' Sli
 60 Sul Wtr,
 1 hr ESIP 3230#, EP 13-104#,
 1 hr ESIP 2972#, EP 3815-3505#.
 DST 8721-8756', open 1 hr,
 rec 370' Sul Wtr CM + 7381' Salty Sul Wtr,
 1 hr ESIP 3425#, EP 448-3422#.
 1 hr ESIP 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 - LAND

Conoco Phillips Co.
PO Box 2197
Houston TX 77252

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED

RE: 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 4½ 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.C.

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