

## Stogner, Michael

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**From:** Paul Lehrman [plehrman@westerngas.com]  
**Sent:** Wednesday, December 22, 2004 8:21 AM  
**To:** Stogner, Michael  
**Subject:** RE: NSL-5145

awesome. thanks!!!

-----Original Message-----

**From:** Stogner, Michael [mailto:MSTOGNER@state.nm.us]  
**Sent:** Wednesday, December 22, 2004 8:18 AM  
**To:** Paul Lehrman  
**Subject:** RE: NSL-5145

The application for the NW Cha Cha #43 was logged in as received on December 13, 2004.

-----Original Message-----

**From:** Paul Lehrman [mailto:plehrman@westerngas.com]  
**Sent:** Wednesday, December 22, 2004 8:14 AM  
**To:** Stogner, Michael  
**Subject:** RE: NSL-5145

Thanks Mr. Stogner. Also I recently forwarded another NSL Application for the Lance NW Cha Cha 43 well located in the NE/4 of Section 25-T29N-R14W. This well was a re-entry of an old Gallup Oil well. The wellbore was found to be mechanically sound and therefore the re-entry. The location was NSL for the West Kutz PC pool. I talked to Steve Hayden about the NSL and we (Lance) had to file based on the fact that Richardson (bought out by Lance) had re-entered and completed a PC well, but never filed an NSL. The C-104 is on hold till we get the approval for the NSL. My question is: have you seen this application? I send every application by certified mail, but we have not received the green return receipt card back in the mail indicating the NMOCD's receipt. If you could check I would greatly appreciate it. I have received the other card's from the companies we notified surrounding the spacing unit. Thanks, Paul

Have a nice holiday season!!!!

-----Original Message-----

**From:** Stogner, Michael [mailto:MSTOGNER@state.nm.us]  
**Sent:** Tuesday, December 21, 2004 3:51 PM  
**To:** Paul Lehrman  
**Cc:** Hayden, Steven  
**Subject:** NSL-5145

Finalized draft administrative order for Lance Oil & Gas Company, Inc.'s proposed F-RPC "19" #3 attached:

<<2PLS16.doc>>

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C-104A Form

Page 1 of 1

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

State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

Form C-104A  
Permit 1613

Change of Operator

Previous Operator Information

OGRID: 19219  
Name: RICHARDSON OPERATING CO  
Address: 3100 La Plata Highway  
Address:  
City, State, Zip: Farmington, NM 87401

New Operator Information

Effective Date: 10/01/2004  
OGRID: 229938  
Name: LANCE OIL & GAS COMPANY, INC.  
Address: 1099 18th Street  
Address: Suite 1200  
City, State, Zip: Denver, CO 80202

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information on this form and the certified list of wells is true to the best of my knowledge and belief.

Previous Operator

Signature: [Signature]  
Printed Name: David B. Richardson  
Title: President  
Date: 9/30/04 Phone: (303) 830-8000

New Operator

Signature: [Signature]  
Printed Name: MARK R. PERRY  
Title: ATTORNEY-IN-FACT  
Date: 10-1-2004 Phone: 303-452-5603

**NMOCD Approval**  
Electronic Signature: Frank Chavez, District III  
Date: October 21, 2004

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

5. Lease Serial No.  
NMSF-14-20-603-2172

6. If Indian, Allottee or Tribe Name  
Navajo

7. If Unit or CA/Agreement, Name and/or No.  
NW Cha Cha Unit

8. Well Name and No.  
NW Cha Cha # 43

9. API Well No.  
30-045-07864

10. Field and Pool, or Exploratory Area  
Cha Cha Gallup

11. County or Parish, State  
San Juan County, New Mexico

**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
Richardson Operating Company

3a. Address  
3100 La Plata Highway, Farmington, NM, 87401

3b. Phone No. (include area code)  
505-564-3100

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 25, T29N-R14W, 2110' FNL 1850' FEL

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

This well was plugged back to the Pictured Cliffs in December 2000. All pertinent information, including Cement Bond logs and pressure data were submitted at that time.

Richardson Operating Company plans to recomplete this well in the Pictured Cliffs and Fruitland Coal formations.

Approval has been received from the Navajo Nation for ROWs and pipeline installations. However, this is an area of Raptor concerns and work cannot progress until after July 31, 2004.

Recompletion and pipeline work is expected to commence in August, 2004.

Work to be completed by 10/01/2004.

RECEIVED  
 04 MAY -4 AM 11:06  
 070 FARMINGTON, NM

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed) Charles H. Williams	Title Engineering Operations Manager
Signature <i>Charles H. Williams</i>	Date 04/30/2004

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by Original Signed: Stephen Mason	Title	Date MAY 07 2004
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**NMOC**



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

11-20-603-2172

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

NW Cha Cha Unit

8. FARM OR LEASE NAME

NW Cha Cha Unit

9. WELL NO.

32-25

10. FIELD AND POOL, OR WILDCAT

Cha Cha Gallup

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

25-29N-11W

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

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—" for such proposals.)

1. OIL WELL  GAS WELL  OTHER  10

2. NAME OF OPERATOR  
Humble Oil & Refining Company

3. ADDRESS OF OPERATOR  
P. O. Box 3082, Durango, Colorado

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface

2110' PNL & 1850' FEL (SW NE)

14. PERMIT NO.

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

5637' Ungraded Ground

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF   
 FRACTURE TREAT   
 SHOOT OR ACIDIZE   
 REPAIR WELL   
 (Other) **Convert to Water Injection**

PULL OR ALTER CASING   
 MULTIPLE COMPLETE   
 ABANDON\*   
 CHANGE PLANS

WATER SHUT-OFF   
 FRACTURE TREATMENT   
 SHOOTING OR ACIDIZING   
 (Other) \_\_\_\_\_

REPAIRING WELL   
 ALTERING CASING   
 ABANDONMENT\*

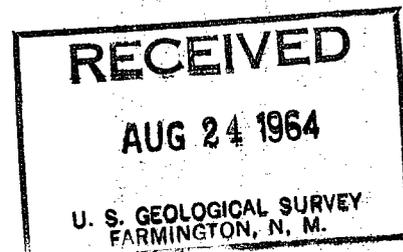
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

This well originally completed 9-8-61, TD 5426', PNTD 5385', as an oil well flowing 176 bbls. oil from Lower Harreshoe and 171 bbls. oil from Cha Cha Gallup for a total of 347 bbls. oil and no water per day. Perforations 5305-15' and 5360-65'.

It is Humble's intention to convert this well to a water injection well, expanding the NW Cha Cha Unit waterflood to the Southeast end.

Reference: John A. Anderson's letter dated March 6, 1964.



18. I hereby certify that the foregoing is true and correct

SIGNED **COPY** ( ORIGINAL SIGNED ) **J. M. BRADLEY**

TITLE **Dist. Supt.**

DATE **8-22-64**

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

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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)

Name of Company Humble Oil & Refining Company		Address Box 3082 Durango, Colorado	
Lease N. W. Cha Cha Unit	Well No. 322	Unit Letter G	Section 25
Date Work Performed 8-19-64	Pool Cha Cha Gallup	Township 29N	Range 11W
		County San Juan	

THIS IS A REPORT OF: (Check appropriate block)

- Beginning Drilling Operations    
 Casing Test and Cement Job    
 Other (Explain):  
 Plugging    
 Remedial Work    
 Convert well to water injection

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

Converted to water injection: 8-20-64

Perfs: 5360-65', 5305-15'



Witnessed by H. L. Farris	Position Dist. Foreman	Company Humble Oil & Refining Company
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FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

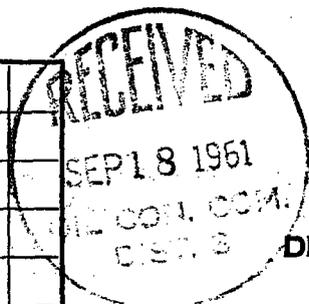
ORIGINAL WELL DATA

DF 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

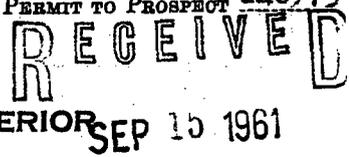
Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION		I hereby certify that the information given above is true and complete to the best of my knowledge.	
Approved by <i>C. J. ...</i>	Name <i>John Bradley</i>		
Title Supervisor, Dist. # 3	Position District Production Superintendent		
Date AUG 25 1964	Company Humble Oil & Refining Company		

U. S. LAND OFFICE  
SERIAL NUMBER 11-20-603-2172  
LEASE OR PERMIT TO PROSPECT 240973

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY



U. S. GEOLOGICAL SURVEY  
FBI WASHINGTON, NEW MEXICO

# LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Humble Oil & Refining Company Address Box 3062, Durango, Colorado  
Lessor or Tract Navajo Tribe of Indians "L" Field Cha Cha Gallup State New Mexico  
Well No. 15 Sec. 25 T. 29N R. 14W Meridian NMPM County San Juan  
Location 2110 ft. S. of N Line and 1850 ft. W. of E Line of Sec. 25 Elevation 5630'  
(Denote foot relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed B. M. BRADLEY  
Date September 13, 1961 Title Dist. Supt.

The summary on this page is for the condition of the well at above date.  
Commenced drilling July 27, 1961 Finished drilling August 11, 1961

**OIL OR GAS SANDS OR ZONES**  
(Denote gas by G)  
No. 1, from 5360' to 5365' No. 4, from 5365' to 5370'  
No. 2, from 5305' to 5315' No. 5, from 5315' to 5320'  
No. 3, from 5320' to 5325' No. 6, from 5325' to 5330'

**IMPORTANT WATER SANDS**  
No. 1, from 5325' to 5330' No. 3, from 5330' to 5335'  
No. 2, from 5335' to 5340' No. 4, from 5340' to 5345'

## CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From-	To-	
<u>3-5/8"</u>	<u>21.4</u>	<u>8</u>	<u>Halliburton</u>	<u>2110'</u>	<u>Ball</u>	<u>5360'</u>	<u>5365'</u>	<u>5365'</u>	<u>Production</u>
<u>1-1/2"</u>	<u>11.5</u>	<u>8</u>	<u>Halliburton</u>	<u>5320'</u>	<u>Ball</u>	<u>5320'</u>	<u>5325'</u>	<u>5325'</u>	<u>Production</u>

## MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>3-5/8"</u>	<u>220'</u>	<u>220</u>	<u>Halliburton</u>		
<u>1-1/2"</u>	<u>511'</u>	<u>125</u>	<u>Halliburton</u>		

## PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_

FOLD MARK

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

**TOOLS USED**

Rotary tools were used from Surface feet to 5116 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Cable tools were used from None feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

**DATES**

~~September 13,~~ \_\_\_\_\_, 1961 Put to producing August 21, 1961  
 The production for the first 24 hours was 317 barrels of fluid of which 100% was oil; 0%  
 emulsion; 0% water; and 0% sediment. Gravity, °Bé. 41.8 @ 60°  
 If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
 Rock pressure, lbs. per sq. in. \_\_\_\_\_

**EMPLOYEES**

\_\_\_\_\_, Driller \_\_\_\_\_, Driller  
 \_\_\_\_\_, Driller \_\_\_\_\_, Driller

**FORMATION RECORD**

FROM-	TO-	TOTAL FEET	FORMATION
0'	1249'	1249'	Animas
1249'	1448'	199	Pictured Cliffs
1448'	2164'	736	Lewis
2164'	2621'	637	Chacra
2621'	3740'	919	Cliffhouse
3740'	4020'	280	Point Lookout
4020'	4950'	930	Mancos
4950'	5116' TD	466	Gallup
FROM-	TO-	TOTAL FEET	FORMATION

(OVER)

FORMATION RECORD—Continued



**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to ~~shut~~ or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

<p>1. <input type="checkbox"/> OIL WELL    <input type="checkbox"/> GAS WELL    <input type="checkbox"/> OTHER    <b>WATER INJECTION WELL</b></p> <p>2. NAME OF OPERATOR <b>Humble Oil &amp; Refining Company</b></p> <p>3. ADDRESS OF OPERATOR <b>P. O. Box 3082, Durango, Colorado</b></p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  <b>2110' FNL &amp; 1050' FNL (SW NE)</b></p> <p>14. PERMIT NO.</p>	<p>5. LEASE DESIGNATION AND SERIAL NO. <b>11-20-609-2172</b></p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>Navajo</b></p> <p>7. UNIT AGREEMENT NAME <b>NW Cha Cha Unit</b></p> <p>8. FARM OR LEASE NAME <b>NW Cha Cha Unit</b></p> <p>9. WELL NO. <b>12-25</b></p> <p>10. FIELD AND POOL, OR WILDCAT <b>Cha Cha Gallup</b></p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>25-29N-11W</b></p> <p>12. COUNTY OR PARISH    13. STATE <b>San Juan                      New Mexico</b></p>
<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>5637' Ungraded Ground</b></p>	

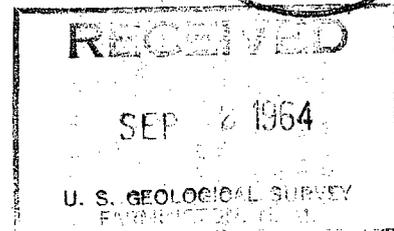
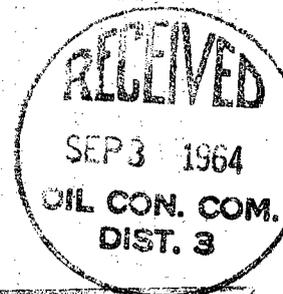
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Convert to Water Injection</u> <input checked="" type="checkbox"/>	

(NOTE: Report results of multiple completion or Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

**Converted this well to a water injection well on 8-20-64, injection started at 2:00 P. M., through perforations 5305-15' and 5360-65'.**



18. I hereby certify that the foregoing is true and correct

SIGNED **COPY ( ORIGINAL ) B. M. BRADLEY** TITLE Dist. Supt. DATE 9-1-64

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill, or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT-" for such proposals

2001 FEB -2 AM 7:54

SUBMIT IN TRIPLICATE

1. Type of Well [X] Oil Well [ ] Gas Well [ ] Other
2. Name of Operator Richardson Operating Company
3. Address and Telephone No. 1700 Lincoln, Suite 1700, Denver, Colorado 80203 (303) 830-8000
4. Location of Well (Footage, T, R, M, or Survey Description) 2110' FNL, 1850' FEL Section 25-T29N-R14W

5. Lease Designation and Serial No. 14-20-603-2172
6. If Indian, Allottee or Tribe Name Navajo
7. If Unit or CA, Agreement Designation
8. Well Name and No. NW Cha Cha #43
9. API Well No. 30-045-07864
10. Field and Pool, or Exploratory Area Cha Cha Gallup
11. County or Parish, State San Juan County, NM

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

Table with columns TYPE OF SUBMISSION and TYPE OF ACTION. Includes checkboxes for Notice of Intent, Subsequent Report, Final Abandonment Notice, Abandonment, Recompletion, Plugging Back, Casing Repair, Altering Casing, Surface Casing/Cementing, Other, Change of Plans, New Construction, Non-Routine Fracturing, Water Shut-Off, Conversion to Injection, Dispose Water.

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)\*

Well plugged back to Pictured Cliffs per attached procedure.
In accordance with plan to plug and abandon Gallup formation, casing integrity test scheduled.
New Mexico Oil Conservation Division notified 12-4-00, 12-19-00, and 12-20-00.
BLM notified 12-4-00, 12-11-00, and 12-19-00.
Test run 12-20-00 with no witnesses present.
CBL and pressure chart attached.



14. I hereby certify that the foregoing is true and correct
Signed: Cathleen Colby Title: Land Manager Date: January 29, 2001

Approved by: Title: Date:
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

ACCEPTED FOR RECORD

FEB 07 2001

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LAND OFFICE	
TRANSPORTER	OIL
	GAS
PRODUCTION OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

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

REQUEST FOR (OIL) - (GAS) ALLOWABLE

New Well  
~~RECOMPLETION~~

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

Durango, Colorado August 28, 1961  
(Place) (Date)

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

Humble Oil & Refining Company, Nav. Tr. of Ind. Well No. 15, in SW 1/4 NE 1/4,  
(Company or Operator) (Lease)  
G, Sec. 25, T. 29N, R. 14W, NMPM, Cha Cha Gallup Pool

Unit Letter

San Juan

Please indicate location:

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

County Date Spudded 7-27-61 Date Drilling Completed 8-11-61  
Elevation 5639 K. B. Total Depth 5416 PBD 5385  
Top Oil/Gas Pay 5360 Name of Prod. Form. Gallup B

PRODUCING INTERVAL -

Perforations 5360-5365  
Open Hole Depth Casing Shoe 5414 Depth Tubing 5352

OIL WELL TEST -

Natural Prod. Test: \_\_\_\_\_ bbls. oil, \_\_\_\_\_ bbls water in \_\_\_\_\_ hrs, \_\_\_\_\_ min. Size \_\_\_\_\_  
Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): 268 bbls. oil, \_\_\_\_\_ bbls water in 24 hrs, \_\_\_\_\_ min. Size 1/2"

GAS WELL TEST -

Natural Prod. Test: \_\_\_\_\_ MCF/Day; Hours flowed \_\_\_\_\_ Choke Size \_\_\_\_\_  
Method of Testing (pitot, back pressure, etc.): \_\_\_\_\_  
Test After Acid or Fracture Treatment: \_\_\_\_\_ MCF/Day; Hours flowed \_\_\_\_\_  
Choke Size \_\_\_\_\_ Method of Testing: \_\_\_\_\_

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand): 250 gals 15% reg acid; spot 250 gals MSA; 14,650 gals crude oil; 8,000 # 20-40 wtr-wet sand; 4,000# 10-20 wtr-wet sand;  
Casing Tubing Date first New Press. 120 oil run to tanks 8-24-61

Oil Transporter Four Corners Pipeline Company  
Gas Transporter None

Remarks: Testing "B" zone. Plan to open "A" zone before officially completing this well.

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

Approved AUG 30 1961, 19

Humble Oil & Refining Company  
(Company or Operator)

By: *B. M. Bradley*  
(Signature)

OIL CONSERVATION COMMISSION

By: *Carroll E. ...*

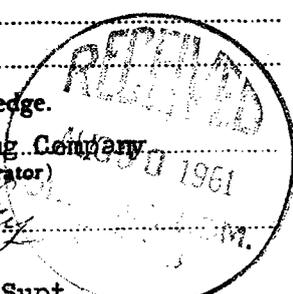
Title District Production Supt.

Title Supervisor Dist. # 3

Send Communications regarding well to:

Name B. M. Bradley

Box 3082, Durango, Colorado



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TRANSPORTER	OIL
	GAS
PROGRATION OFFICE	
OPERATOR	

FORM C-128  
Revised 5/1/57

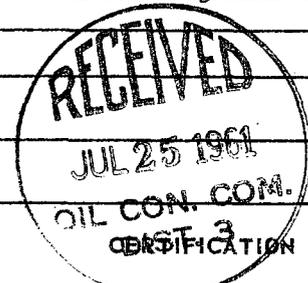
**NEW MEXICO OIL CONSERVATION COMMISSION**  
**WELL LOCATION AND ACREAGE DEDICATION PLAT**  
**SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE**

**SECTION A**

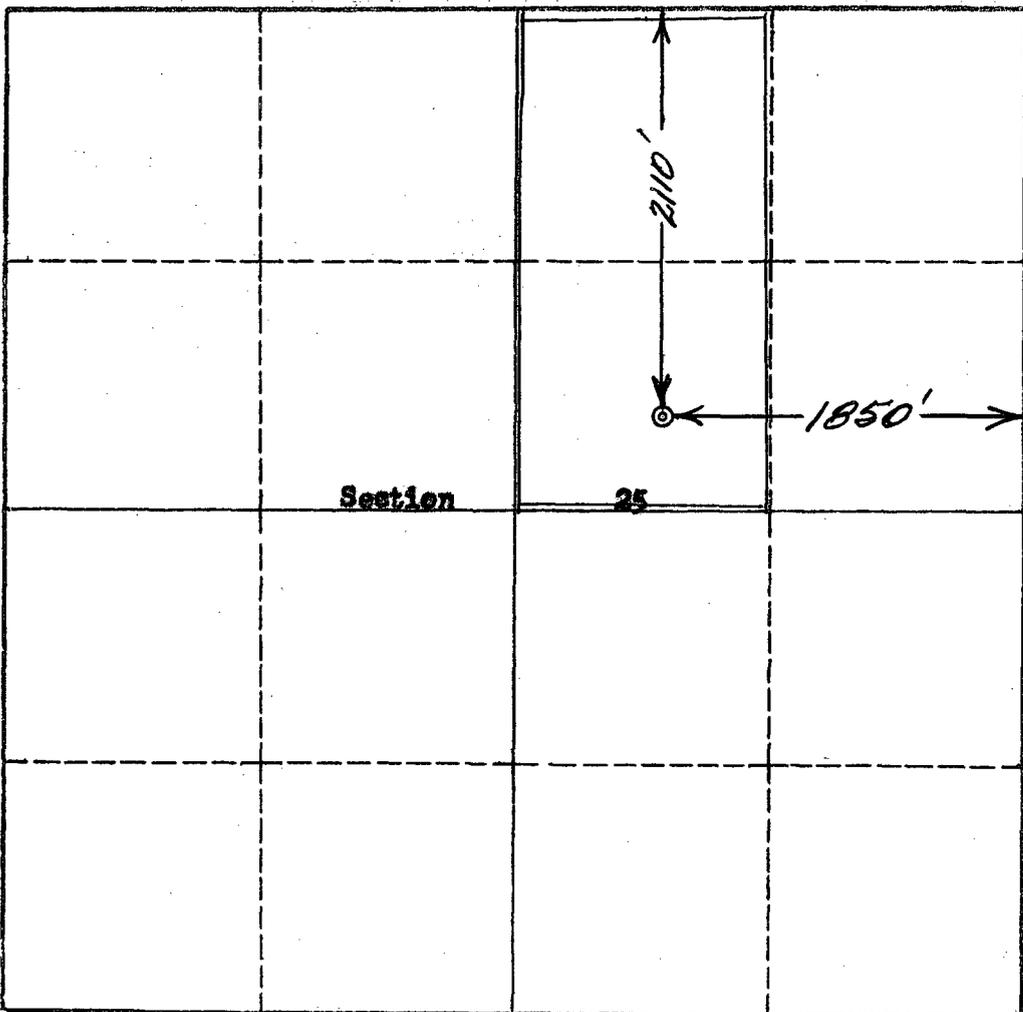
Operator <b>HUMBLE OIL &amp; REFINING COMPANY</b>		Lease <b>NAVAJO TRIBE OF INDIANS "L" LEASE</b>		Well No. <b>15</b>
Unit Letter <b>0</b>	Section <b>25</b>	Township <b>29 North</b>	Range <b>14 West</b>	County <b>San Juan</b>
Actual Footage Location of Well: <b>2110</b> feet from the <b>North</b> line and <b>1850</b> feet from the <b>East</b> line				
Ground Level Elev. <b>5637' ungraded</b>	Producing Formation <b>Gallup</b>	Pool <b>Cha Cha Gallup</b>	Dedicated Acreage: <b>80</b> Acres	

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES **XX** 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. (65-3-29 (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**

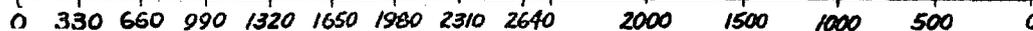


I hereby certify that the information in SECTION A above is true and complete to the best of my knowledge and belief.

Name	<b>COPY (ORIGINAL SIGNED) B. M. BRADLEY</b>
Position	<b>B. M. Bradley Dist. Supt.</b>
Company	<b>Humble Oil &amp; Refining Co.</b>
Date	<b>July 21, 1961</b>

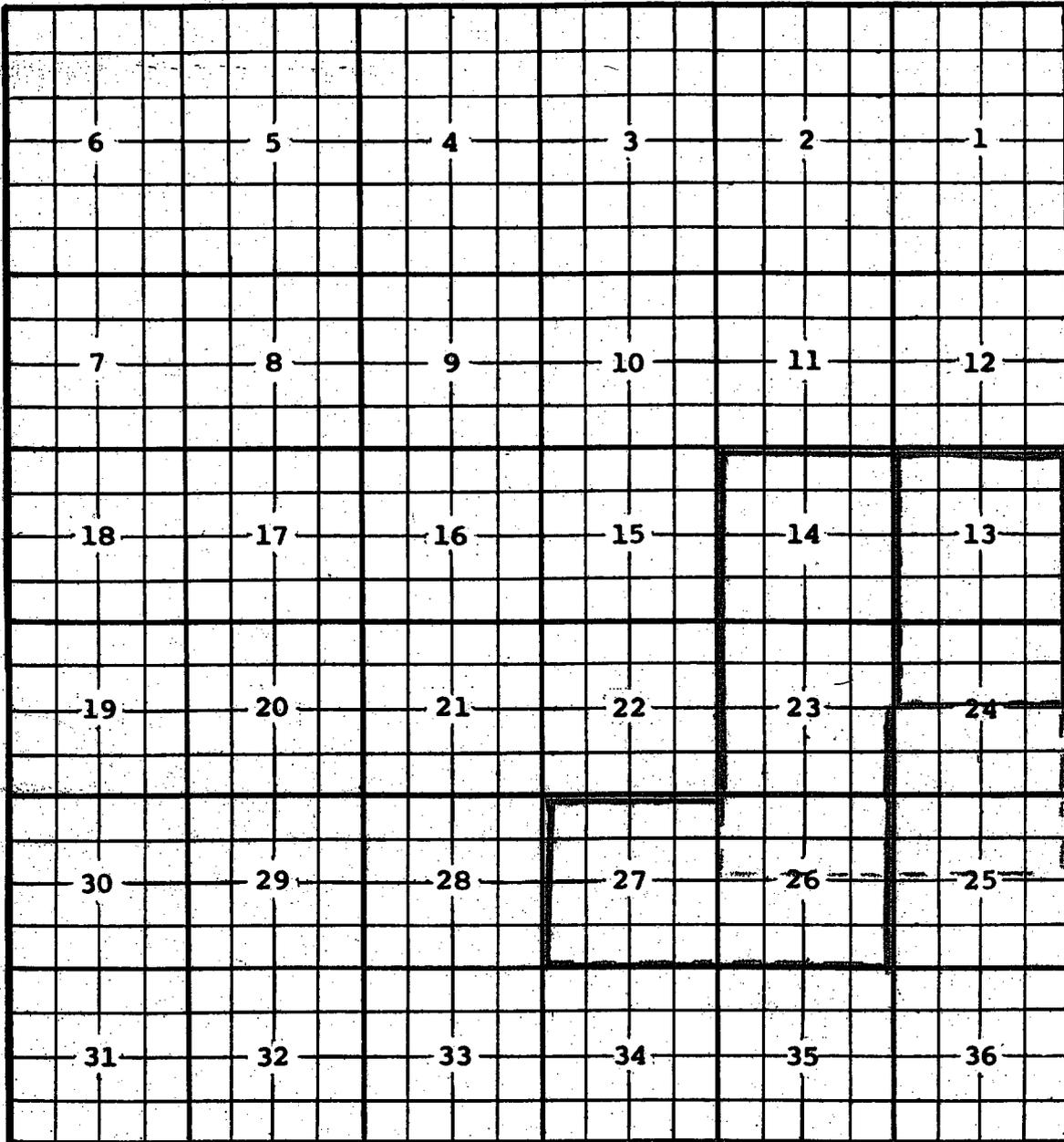
I hereby certify that the well location shown on the plat in SECTION B was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed	<b>20 July 1961</b>
Registered Professional Engineer and/or Land Surveyor	<b>Robert H. Frost</b>
Company	<b>State Bar Engineering Co.</b>
Certificate No.	<b>20 A 70 2162</b>



COUNTY San Juan POOL West Kutz - Pictured Cliffs

TOWNSHIP 29 North RANGE 14 West NMPM



Ext: All sec. 13,  $\frac{1}{2}$  sec 24 (R-6886, 1-22-82)

Ext: All Sec. 14, All Sec. 23, All Secs. 26 and 27 (A-11540, 2-26-01)

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