

Stogner, Michael

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

New Operator

Signature: Mark R. Pelay
Printed Name: MARK R. PELAY
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

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

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

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 recompletable 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 recompletable 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 recompletable 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

Charles H. Williams

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
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000**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.**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other: INJECTION		5. Lease Serial No. 14206032172
2. Name of Operator RICHARDSON OPERATING CO		6. If Indian, Allottee or Tribe Name SHIP ROCK
3a. Address 3100 LA PLATA HWY FARMINGTON, NM 87401		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 505.564.3100 Fx: 505.564.3100		8. Well Name and No. NW CHA CHA 43
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 25 T29N R14W SWNE 2110FNL 1850FEL 36.69894 N Lat, 108.25816 W Lon		9. API Well No. 30-045-07864-00-S1
		10. Field and Pool, or Exploratory CHA CHA
		11. County or Parish, and State SAN JUAN COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Change Plans
	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Well Integrity
	<input type="checkbox"/> Plug and Abandon
	<input checked="" type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Other
	<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 recompleat 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 recompleat 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 Formation in December 2000. And all pertinent information, including Bond logs and pressure charts, were submitted at that time. Richardson Operating Co. plans to recompleat the well in the Pictured Cliffs and Fruitland Coal Formations, however getting approvals for pipelines for this well have taken longer than expected. Richardson Operating Co. requests for this well to be classified as a Temporary Abandonment until the required permits are acquired to move gas from the location. This is expected to occur in late 2003.

14. I hereby certify that the foregoing is true and correct. Electronic Submission #18710 verified by the BLM Well Information System For RICHARDSON OPERATING CO, sent to the Farmington Committed to AFMSS for processing by Steve Mason on 02/25/2003 (03SXM0386SE)	
Name (Printed/Typed) DREW CARNES	Title MANAGER
Signature (Electronic Submission)	Date 02/19/2003

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By STEPHEN MASON	Title PETROLEUM ENGINEER	Date 02/25/2003
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 Farmington

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.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ******NMOCD**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse 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

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' PNL (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

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

SHOOTING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE PLANS

(Other)

(Other) Convert to Water Injection

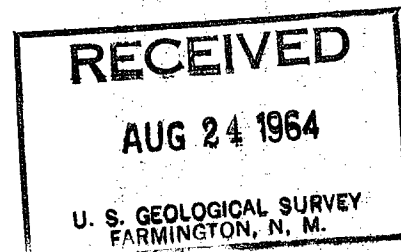
(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

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 Horseshoe 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

NUMBER OF COPIES RECEIVED	
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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
		Township 29N	Range 11W
Date Work Performed 8-19-64	Pool Cha Cha Gallup	County San Juan	

THIS IS A REPORT OF: (Check appropriate block)

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

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
------------------------------	---------------------------	--

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev.	T D	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)		

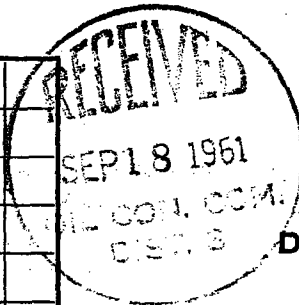
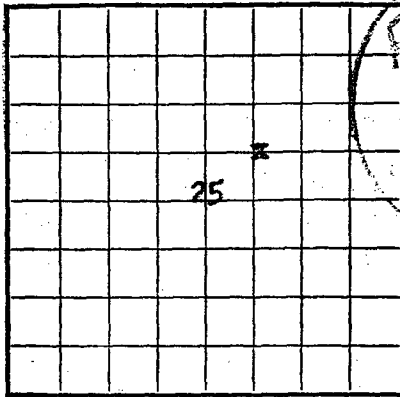
RESULTS OF WORKOVER

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>Ernest Chavez</i>	Name <i>Don 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

RECEIVED
SEP 15 1961

U. S. GEOLOGICAL SURVEY
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 flow 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 Title Dist. Supt.
Date September 13, 1961

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

PRODUCED 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 5365' to 5375' No. 5, from 5375' to 5380'
No. 3, from 5380' to 5385' No. 6, from 5385' to 5390'

IMPORTANT WATER SANDS

No. 1, from 5385' to 5390' No. 3, from 5390' to 5395'
No. 2, from 5395' to 5400' No. 4, from 5400' to 5405'

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
<u>8-5/8"</u>	<u>21.1</u>	<u>8</u>	<u>Halliburton</u>	<u>21.1</u>	<u>21.1</u>	<u>5360'</u>	<u>5365'</u>	<u>5370'</u>	<u>Production</u>
<u>4-1/2"</u>	<u>11.1</u>	<u>8</u>	<u>Halliburton</u>	<u>11.1</u>	<u>11.1</u>	<u>5370'</u>	<u>5375'</u>	<u>5380'</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>8-5/8"</u>	<u>229'</u>	<u>220</u>	<u>Halliburton</u>		
<u>4-1/2"</u>	<u>511'</u>	<u>125</u>	<u>Halliburton</u>		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

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'	2184'	736	Lewis
2184'	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

16-4809

[illegible]

WEDDING AND GEMELLING RECORD

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

STATUS	DEL DATE	POST	DATE	ADDRESS	NAME OF PROD	ORG AND BIRTH DATE	MOON—	DO—	Purpose
TO	5/1/61	1/1/61					Preliminary		

CY21MC RECORD

Core No. 1 - 5272-5307' - Cut and received 31' 25½' shale; 8½' sand, good show, porosity from Lower Horseshoe.

Core No. 2 - 5307-5362' - Cut and received 55' 51' shale and 1' sand, tight shaley.

IMPORTANT WATER SANDS

No Drill Stem Tests were made.

Perf 5360-65' w/2 shots per ft. Pressured to 6000# information would not break down. Spot 250 gals 15% reg acid on perfs. Press to 3500#, broke down to 2000#. Pump acid in formation. Swab 3 hrs for 2h bbls load oil & 6 bbls acid water. Spot 250 gals HSA on perf. Pump into form w/20 bbls oil @ 2950#. Treat perfs with 14,650 gals crude oil, 8000# 20-40 wtr wet sand, 12,650# 20-40 wet sand, 212 gals Humblefrac. Break down w/1550 gals crude oil @ 1425# press. Max treating press 3900# min 2250#. Load oil to recover - 551 bbls. Clean out sand, swab & flow to recover all load oil. Set bridge plug at 5330'. Perf 5305-15' w/2 holes per ft. Treat perf 5305-15' w/11,443 gal oil and 12,587# 20-40 wtr wet sand and 126 gal Humblefrac. Breakdown press 1600#, max press 2900#, min 2150#. While treating sanding out after 7,813 gal oil and 7,813# 20-40 wtr wet sand in formation. Clean out sand. Swab and flow to recover all load oil. Kill well and retrieve bridge plug which was at 5330'. Well completed 7-8-81 as flowing oil well, thru 1/2" choke at rate of 317 BO and 0 BW per day on 24 hour test. Net pay 5', Lower Horseshoe zone, Perf 5305-15'; 2' in Gallup zone (Cha Cha), Perf 5360-65'.

Agent No. 266 L. B. McLaughlin County San Luis
 Person of Interest John Edgar Hoover Field San Francisco State California
 Community San Francisco Address 2000 Franklin Ave. S.F. 11

ГОСУ.ЛЕ МЕГЪ СЪВМЕСИГА

FOC OF OIG OK CAG METT

GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

UNITED STATES

FEVER OF TERNIT TO PROSECS

2017 2 01 0000

0' 2' 1770 DESIGN

75000-1-2002 13-31-00
100000-1-2002 13-31-00

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 ~~drill~~ or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> WATER INJECTION WELL	5. LEASE DESIGNATION AND SERIAL NO. 11-20-603-2172
2. NAME OF OPERATOR Humble Oil & Refining Company	6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo
3. ADDRESS OF OPERATOR P. O. Box 3082, Durango, Colorado	7. UNIT AGREEMENT NAME NW Cha Cha Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2110' FHL & 1850' FEL (SW NE)	8. FARM OR LEASE NAME NW Cha Cha Unit
	9. WELL NO. 12-25
	10. FIELD AND POOL, OR WILDCAT Cha Cha Gallup
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 25-29N-11W
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5637' Ungraded Ground
	12. COUNTY OR PARISH San Juan
	13. STATE New Mexico

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
(Other) ☐

PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
ABANDON* ☐
CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

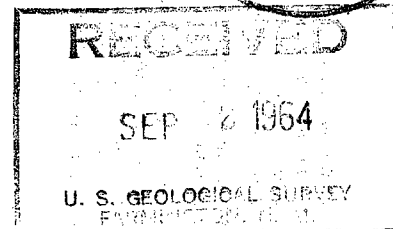
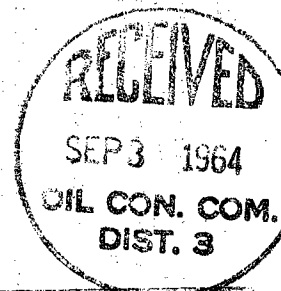
WATER SHUT-OFF ☐
FRACTURE TREATMENT ☐
SHOOTING OR ACIDIZING ☐
(Other) ☒

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.)*

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 _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

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

SUBMIT IN TRIPLICATE

1. Type of Well

☒ 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

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☒ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Surface Casing/Cementing
☐ Other: see below

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

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

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.

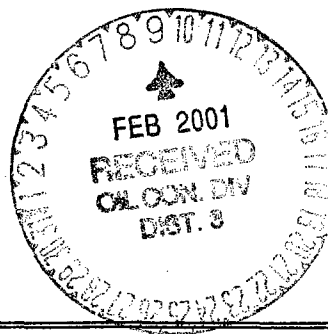
In accordance with plan to plug and abandon Gallup formation, casing integrity test scheduled.

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

(This space for Federal or State office use)

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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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
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 PBTD 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 Choke

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" Choke

GAS WELL TEST -

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

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

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

Choke Size Method of Testing:

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

Title District Production Supt.

Send Communications regarding well to:

Name B. M. Bradley

Box 3082, Durango, Colorado

OIL CONSERVATION COMMISSION

By: [Signature]

Title Supervisor Dist. # 3

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	GAS
PROGRATION OFFICE	
OPERATOR	

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

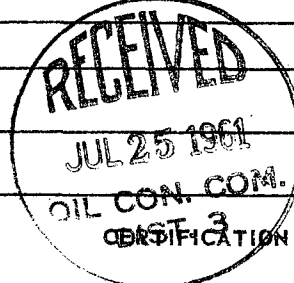
FORM C-128
Revised 5/1/57

SECTION A

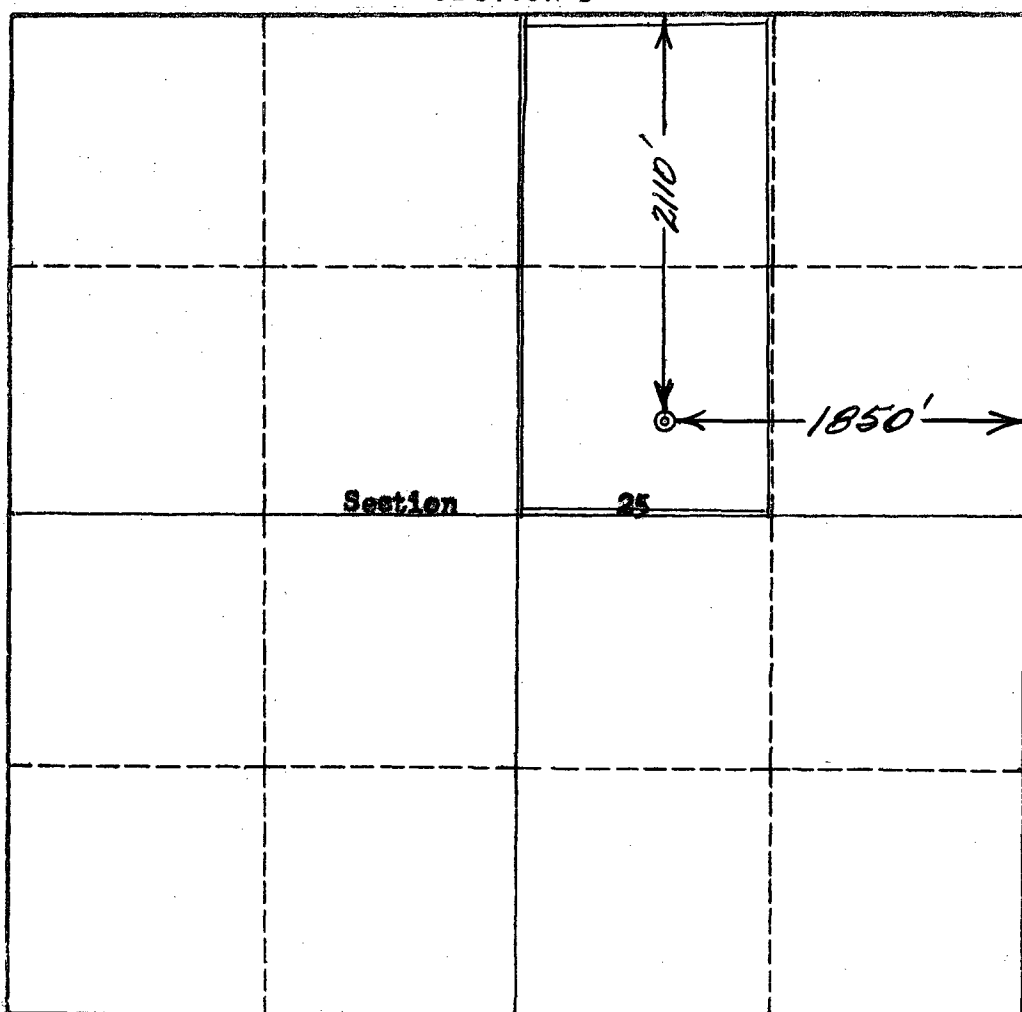
Operator HUMBLE OIL & REFINING COMPANY			Lease NAVAJO TRIBE OF INDIANS "L" LEASE		Well No. 15
Unit Letter G	Section 25	Township 29 North	Range 14 West	County San Juan	
Actual Footage Location of Well: 2110 feet from the North line and 1850 feet from the East line					
Ground Level Elev. 5637' ungraded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

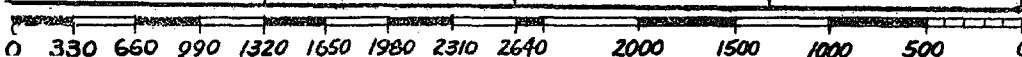


I hereby certify that the information in SECTION A above is true and complete to the best of my knowledge and belief.

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

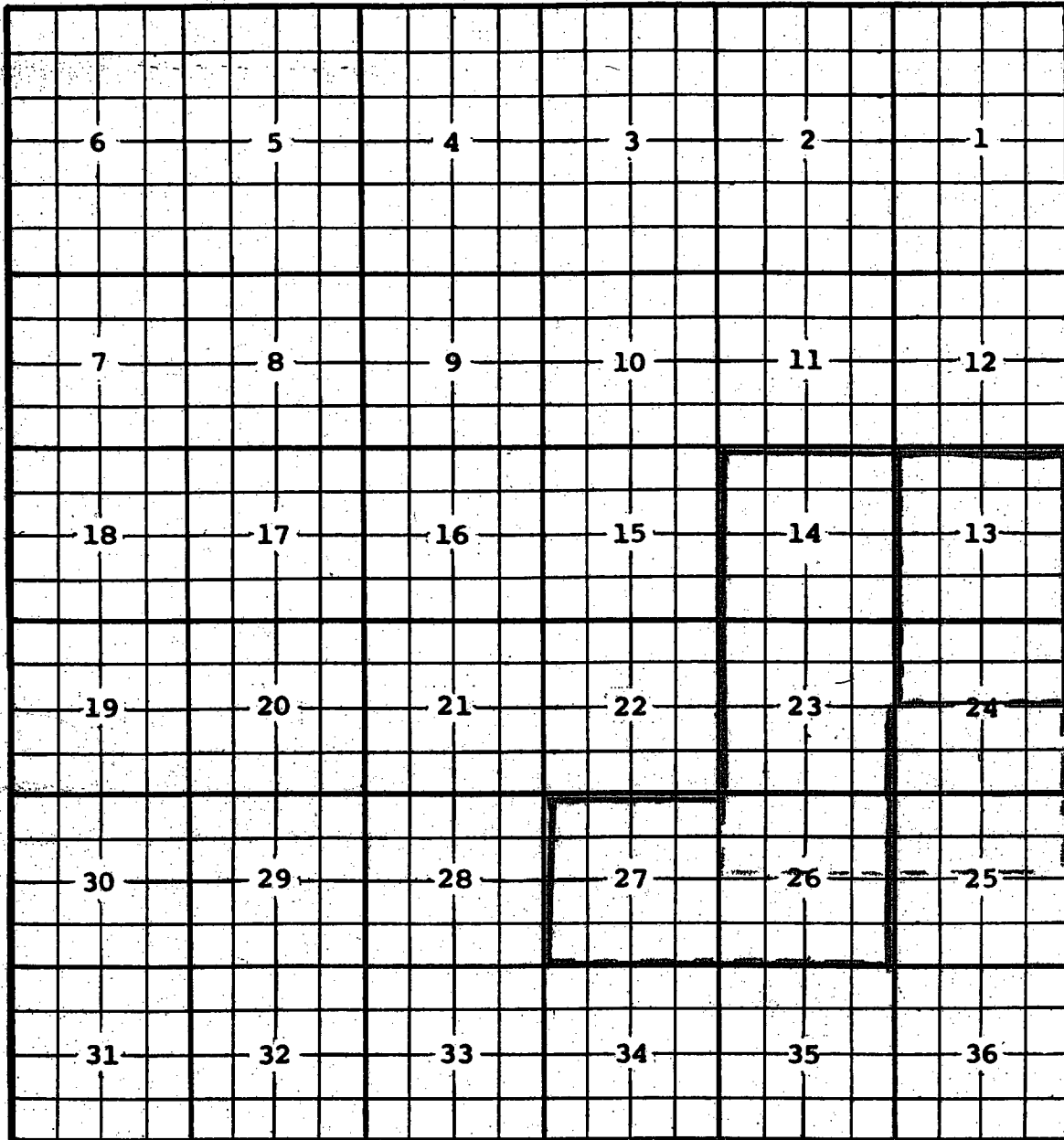
I hereby certify that the well location shown on the plat in SECTION B was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed	20 July 1961
Registered Professional Engineer and/or Land Surveyor	Robert H. Frost
	San Juan Engineering Co.
Certificate No.	DE A 78 2162



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)