

370-0292

November 30, 1995

Rand Carroll
General Counsel
EMNRD
2040 S Pacheco
Santa Fe NM 87505

Re: Ralph Abbott Palmer #1 (1735'FNL & 1695'FEL)G-17-29N-13W
API 30-045-24691
Abbott Ventures NE Hogback State NM #1 (365'FNL & 330'FEL)A-16-30N-16W
API 30-045-09592

Dear Rand:

Please docket a case calling Ralph Abbott and all interested parties to appear and show cause why the above mentioned wells should not be Plugged and Abandoned in accordance with a Division Approved Plugging Procedure.

Sincerely,

Johnny Robinson
Deputy Oil & Gas Inspector

90-day

JR\sh

xc: well files
Aetna Casualty & Surety
Ralph Abbott

BEFORE EXAMINER	
OIL CONSERVATION DIVISION	
OGD	EXHIBIT NO: 1
CASE NO.	11449

1



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE



GARY E. JOHNSON
GOVERNOR

JENNIFER A. SALISBURY
CABINET SECRETARY

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

January 19, 1995

Abbott Ventures
Ralph Abbott
3013 N 100 West
Provo UT 84604

RE: NE Hogback State of NM #1, A-16-30N-16W, 30-045-09581
Palmer #1, G-17-29N-13W, 30-045-24691

Dear Ralph:

I received your C-103's concerning the above referenced wells. Due to the length of time these have been inactive, you are directed to TA both wells and bring them in compliance with Rule #201 and #203.

Sincerely,

Johnny Robinson
Deputy Oil & Gas Inspector

JR/sh

enc.

cc: well files

(2)



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT



OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE

Certified: P-987-892-086

December 19, 1994

Ralph Abbott
3013 N 100 West
Provo UT 84604

San Juan

Re: NE Hogback State of New Mexico #1, A-16-30N-16W, API # 30-045-09581

Dear Mr. Abbott:

The referenced well is in violation of Rule 101 & Rule 201.

You are hereby directed to plug and abandon this well or bring it into compliance with Rule 203 for temporary abandonment within 30 days. Before any remedial work is performed on the well a bond must be in place.

If you fail to bring this well into compliance we will schedule a show cause hearing to plug this well using the bond.

Sincerely,

Frank T. Chavez
District Supervisor

FTC\sh

~~CC: Rand Carr~~

3

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- Addressee's Address
- Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

RALPH ABBOTT
3013 N 100 WEST
PROVO UT 84604

4a. Article Number
P-987-892-087

4b. Service Type

Registered Insured
 Certified COD
 Express Mail Return Receipt for Merchandise

7. Date of Delivery **DEC 20**

5. Signature (Addressee)

6. Signature (Agent)

8. Addressee's Address (Only if requested and fee is paid)

PS Form 3811, December 1991 U.S. GPO: 1993-352-714

DOMESTIC RETURN RECEIPT

Thank you for using Return Receipt

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- Addressee's Address
- Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

RALPH ABBOTT
3013 N 100 WEST
PROVO UT 84604

4a. Article Number
P-987-892-086

4b. Service Type

Registered Insured
 Certified COD
 Express Mail Return Receipt for Merchandise

7. Date of Delivery **DEC 27 1994**

5. Signature (Addressee)

6. Signature (Agent)

8. Addressee's Address (Only if requested and fee is paid)

PS Form 3811, December 1991 U.S. GPO: 1993-352-714

DOMESTIC RETURN RECEIPT

Thank you for using Return Receipt Service

4



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE

TONY ANAYA
GOVERNOR

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

January 11, 1984

Mr. Jeff Taylor
Oil Conservation Div.
P.O. Box 2088
Santa Fe, NM 87501

Re: Abbott Ventures

Dear Jeff:

I recommend that we file suit against the referenced operator to collect fines for the following violations.

- 1) Rule 101. The operator has reentered a well on state land without the required bond.
- 2) Rule 1101. The operator reentered the well without the required permit.

The well in question is the Northeast Hogback State of N.M. #1, A-16-30N-16W.

Sincerely,

A handwritten signature in cursive script, appearing to read "Frank T. Chavez".

Frank T. Chavez
District Supervisor

FTC/dj

xc: Well file ✓
Operator File

(5)

OPERATOR

ABBOTT VENTURES

PROPERTY NAME

NE HOGBACK STATE N.M.

WELL NO.

1

DATE
12-13-94

LOCATION (ULSTR)
A-16-30N-16W

FOOTAGE
365 FNL & 330 FEL

API NO.
30-045-09581

POOL
HORSESHOE GALLUP

Tops

Gallup 1200'

Mancos

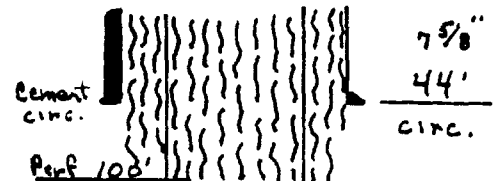
Point Lookout

Menefee

Cliffhouse

Picture Cliffs

Ojo Alomo



CASING RECORD:

7 5/8 24# 44' 8 3/4 hole

10 sxs, Class B calc. Top Surface

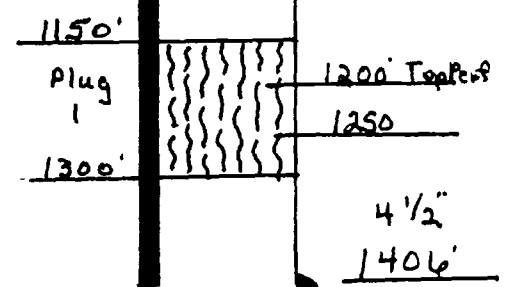
4 1/2 9.5 1406' 6 1/4 hole

50 SXS. CALC. TOP 1004'

TOP PERF 1200' BOTTEM PERF 1250'

2 3/8 TBG. 1237'

Calc.
T.O.C.
1004'



6



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT



OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE

BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

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

Abbott Ventures
NE Hogback State N.M. #1
365 ' FNL, 330' FEL
A-16-30N-16W
30-045-09581

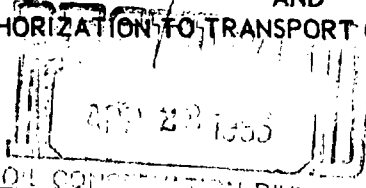
Downhole Equipment
Unknown

1. Check anchors & prepare location.
2. R.U. Service unit. Kill well if necessary. Nipple down well head. Nipple up BOP & stripper head.
3. Pull & lay down production equipment.
4. Go in hole with work string to 1300 ' & spot cement plug up to 1150 ' to cover perfs & top of Gallup. WOC 4 Hrs. & tag cement . If plug is in place go to step 5, if not fill to 1150 '.
5. Roll hole with 8.4 lb. 40 visc. mud.
6. Test casing.
7. Perforate at 100 ' & establish circulation up the B.H.
9. Pump cement down 4&1/2 csg. & circulate to surface.
10. Set dryhole marker, level & restore location to OCD requirements.

DISTRIBUTION		
SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
TRANSPORTER	OIL	
	GAS	
OPERATOR		
PRORATION OFFICE		

**NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS**

Fbrn C-104
Supersedes Old C-104 and C-110
Effective 1-1-65



11

I. OPERATOR

Operator: Abbott Ventures

Address: 1808 Knudsen Av. Farmington, NM 87401

Reason(s) for filing (Check proper box):

New Well	<input checked="" type="checkbox"/>	Change in Transporter of:	
Recompletion	<input type="checkbox"/>	Oil	<input type="checkbox"/>
Change in Ownership	<input type="checkbox"/>	Casinghead Gas	<input type="checkbox"/>
		Dry Gas	<input type="checkbox"/>
		Condensate	<input type="checkbox"/>

Other (Please explain):

If change of ownership give name and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

Lease Name <u>NE Hogback State NM</u>	Well No. <u>1</u>	Pool Name, Including Formation <u>Horseshoe Gallup</u>	Kind of Lease <u>State, Federal or Fee State</u>	Lease No. <u>V-606</u>
Location				
Unit Letter <u>A</u>	<u>330</u> Feet From The <u>East</u> Line and <u>365</u> Feet From The <u>North</u>			
Line of Section <u>16</u>	Township <u>30 North</u>	Range <u>16 West</u>	, NMPM, <u>San Juan</u> County	

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
<u>Gary Energy</u>	<u>115 Inverness Dr. East Englewood, CO 80112-5116</u>
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
If well produces oil or liquids, give location of tanks.	Unit <u>A</u> Sec. <u>16</u> Twp. <u>30N</u> Rge. <u>16W</u> Is gas actually connected? <u>No</u> When _____

If this production is commingled with that from any other lease or pool, give commingling order number: _____

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well <input checked="" type="checkbox"/>	Gas Well	New Well <input checked="" type="checkbox"/>	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
Date Spudded <u>11/1/84</u>	Date Compl. Ready to Prod. <u>1/25/85</u>	Total Depth <u>1406'</u>	P.B.T.D. <u>1401'</u>					
Elevations (DF, RKB, RT, GR, etc.) <u>5319' GR</u>	Name of Producing Formation <u>Horseshoe Gallup</u>	Top Oil/Gas Pay <u>1200'</u>	Tubing Depth <u>1237'</u>					
Perforations <u>1200'-1222' 4JSPF, 1236'-1250' 4JSPF</u>							Depth Casing Shoe <u>1406'</u>	
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT					
<u>8 3/4"</u>	<u>7 5/8"</u>	<u>44'</u>	<u>10</u>					
<u>6 1/4"</u>	<u>4 1/2"</u>	<u>1406'</u>	<u>50</u>					
	<u>2 3/8"</u>	<u>1237'</u>						

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks <u>1/25/85</u>	Date of Test <u>2/10/85</u>	Producing Method (Flow, pump, gas lift, etc.) <u>Pumping</u>	
Length of Test <u>7 days</u>	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test <u>13.5 BBL</u>	Oil-Bbls. <u>8</u>	Water-Bbls. <u>5.5</u>	Gas-MCF <u>TSTM</u>

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Royce Abbott
(Signature)
Operator
(Title)
Feb 26, 1985
(Date)

OIL CONSERVATION COMMISSION

3-7-85
APPROVED MAR 7 1985, 19____

BY [Signature]

TITLE SUPERVISOR DISTRICT 20-7

This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely for allowable on new and recompleted wells.
Fill out only Sections I, II, III, and VI for changes of owner well name or number, or transporter, or other such change of condition. Separate Forms C-104 must be filed for each pool in multiple

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

MAR 07 1985

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SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

1. Indicate Type of Lease
State
2. State Oil & Gas Lease No.
V-606

10. TYPE OF WELL
OIL WELL GAS WELL DRY OTHER
11. TYPE OF COMPLETION
NEW WELL WORK OVER DEEPEN PLUG BACK DIFF. RES. OTHER Re-entry

7. Well Agreement Name
8. Farm or Lease Name
N.E. Hogback State NM.

2. Name of Operator
ABBOTT VENTURES

9. Well No.
1

3. Address of Operator
1601 Yucca Ave. Farmington, New Mexico 87401

10. Field and Pool, or Acreage
Horseshoe Gallup

4. Location of Well
UNIT LETTER A LOCATED 330 FEET FROM THE East LINE AND 365 FEET FROM
THE North LINE OF SEC. 16 TWP. 30N RGE. 16W NMPM

12. County
San Juan

15. Date Spudded 5/6/59 16. Date T.D. Reached 6/1/59 17. Date Compl. (Ready to Prod.) 12/28/84 18. Elevations (DF, RKB, RT, GR, etc.) 5319' GR 19. Elev. Casinghead 5321'

20. Total Depth 1406' 21. Plug Back T.D. 1401' 22. If Multiple Compl., How Many 1 23. Intervals Drilled By Rotary Tools 0-1406' Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name
1200' - 1222', Upper Gallup 1236' - 1250' Lower Gallup 25. Was Directional Survey Made No

26. Type Electric and Other Logs Run GR (1959) 27. Was Well Cored No

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

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
7 5/8"	24#	44'	8 3/4"	10 sx.	
4 1/2"	9.50#	1406'	6 1/4"	50 sx.	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8"	1237'	None

31. Perforation Record (Interval, size and number)

1200' - 1222' 4JPF
1236' - 1250' 4JPF

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
1200' - 1250'	S.O.F. 38,000 gal oil 18,000 # sand (1959)

33. PRODUCTION

Date First Production 1-25-85 Production Method Pumping (1 1/2" X 8') Well Status Shut in

Date of Test <u>2/10/85</u>	Hours Tested <u>7 Day</u>	Choke Size	Prod'n. For Test Period <u>1.14</u>	Oil - Bbl. <u>8</u>	Gas - MCF <u>TSTM</u>	Water - Bbl. <u>5.5</u>	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl. <u>0.8</u>	Oil Gravity - API (Corr.) <u>41°</u>	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)
Test Witnessed By C.J. Taplin

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 Ralph Abbott TITLE Operator DATE 2-20-85

(9)

This form is to be filled with the appropriate chart letters of the Division not later than 30 days after the completion of any newly-drilled or reopened well. It shall be accompanied by one copy of all geophysical and stratigraphic logs run in 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. Log readings by log letters, from 1 through 14 shall be reported for each zone. The form is to be filed in quadruplicate except on state land, where six quadruples are required. (See rule 14.5.)

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. Salt _____ | 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 _____ | Base Greenhorn _____ | T. Granite _____ |
| T. Paddock _____ | T. Ellenburger _____ | T. Dakota _____ | T. _____ |
| T. Blinebry _____ | T. Gr. Wash _____ | T. Morrison _____ | T. _____ |
| T. Tubb _____ | T. Granite _____ | T. Todilto _____ | 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. _____ |

OIL OR GAS SANDS OR ZONES

- No. 1, from 1200' to 1222' No. 4, from _____ to _____
- No. 2, from 1236 to 1250' 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

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1200	1200	Shale and sandy shale				
1200	1222	22	Sand (oil)				
1222	1236	14	Sandy shale				
1236	1250	14	Sand (oil)				
1250	1406	156	Sandy shale & shale				

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LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.
V-606

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 checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator Abbott Ventures	8. Farm or Lease Name NE Hogback State NM
3. Address of Operator 1808 Knudsen Av. Farmington, NM 87401	9. Well No. 1
4. Location of well UNIT LETTER <u>A</u> <u>330</u> FEET FROM THE <u>East</u> LINE AND <u>365</u> FEET FROM THE <u>North</u> LINE, SECTION <u>16</u> TOWNSHIP <u>30N</u> RANGE <u>16W</u> NMPM.	10. Field and Pool, or Wharff Horseshoe Gallup
15. Elevation (Show whether DF, RT, GR, etc.) 5319' GF	12. County San Juan

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

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

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.

- 10/31/84: MINU
- 11/1/84 : Remove steel marker, drill out 10' surface plug, tag cement at 1187'.
- 11/2/84 : Drill out cement plug 1187' - 1406'. Bailed well.
- 11/3/84 : Released rig.

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

SIGNED Ross Abbott TITLE Owner/Operator DATE 12/18/84

APPROVED BY [Signature] TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

(11)

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

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DISTRIBUTION	
SANTA FE	
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LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.
V-606

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.)

OIL WELL GAS WELL OTHER

7. Unit Agreement Name

8. Farm or Lease Name
NE Hogback State NM

9. Well No.
1

10. Field and Pool, or Wildcat
Horseshoe Gallup

11. Elevation (Show whether DF, RT, GR, etc.)
5301' D.F. 33" GR.

12. County
San Juan

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK PLUG AND ABANDON

TEMPORARILY ABANDON CHANGE PLANS

PULL OR ALTER CASING

OTHER Re-enter

SUBSEQUENT REPORT OF:

REMEDIAL WORK ALTERING CASING

COMMENCE DRILLING OPERATIONS PLUG AND ABANDONMENT

CASING TEST AND CEMENT JOB

OTHER

7. 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 intended to re-enter the above captioned well in the following manner:

1. MIRU
2. Drill out surface plug and plug at 1190' to approximately 1300'.
3. Perforate new zone.
4. Spot mud acid across perfs.
5. Swab well.
6. If well proves commercial set production equipment.
7. Move rig off and clean location.

RECEIVED
JAN 10 1985
OIL CON. DIV.
DIST. 3

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

SIGNED Paul Aslett TITLE OWNER / OPERATOR DATE 8-30-84

APPROVED BY [Signature] TITLE _____ DATE _____

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

Operator Abbott Ventures		Lease NE Hogback State of New Mexico			Well No. 1
Unit Letter A	Section .16	Township 30 North	Range 16 West	County San Juan	
Actual Footage Location of Well: 365 feet from the North line and 330 feet from the East line					
Ground Level Elev. 5319'	Producing Formation Gallup	Pool Horseshoe Gallup		Dedicated Acreage: 40 Acres	

- 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 Division

	CERTIFICATION
	<p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Carolyn J. Taplin</i> Name Carolyn J. Taplin Position Petroleum Engineer Company Manzano Resources Date January 18, 1985</p> <p>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.</p> <p>Date Surveyed _____ Registered Professional Engineer and/or Land Surveyor _____ Certificate No. _____</p>

13

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 Carter & Mandel Co.		Address 410 Lubbock National Building Lubbock, Texas				
Lease Northeast Hogback State	Well No. 1	Unit Letter A	Section 16	Township T30N	Range R16W	
Date Work Performed 8/7/60	Pool Undes. Gallup	County San Juan				

THIS IS A REPORT OF: (Check appropriate block)

<input type="checkbox"/> Beginning Drilling Operations	<input type="checkbox"/> Casing Test and Cement Job	<input type="checkbox"/> Other (Explain):
<input checked="" type="checkbox"/> Plugging	<input type="checkbox"/> Remedial Work	

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

The above named well was plugged in the following manner:

A cement plug was set from 1190' to 1403' with 20 sacks of Type I cement.

A cement plug was set from surface to 10' with 1 sack of Type I cement.

A 4' steel marker was set in the surface plug.

The location was cleaned and leveled.

Witnessed by	Position	Company
--------------	----------	---------

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev.	T D	P B T D	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval			Producing Formation(s)	

RESULTS OF WORKOVER

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

OIL CONSERVATION COMMISSION		I hereby certify that the information given above is true and complete to the best of my knowledge.	
Approved by <i>Emergency Council</i>	Name <i>A. F. Roberts, Jr.</i>		
Title Supervisor Dist. # 3	Position A. F. Roberts, Jr., Agent		
Date August 10, 1960	Company Carter & Mandel Co.		

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

MISCELLANEOUS NOTICES

Submit this notice in TRIPLICATE to the District Office, Oil Conservation Commission, before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Notice by Checking Below

NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO TEMPORARILY ABANDON WELL	X	NOTICE OF INTENTION TO DRILL DEEPER	
NOTICE OF INTENTION TO PLUG WELL		NOTICE OF INTENTION TO PLUG BACK		NOTICE OF INTENTION TO SET LINER	
NOTICE OF INTENTION TO SQUEEZE		NOTICE OF INTENTION TO ACIDIZE		NOTICE OF INTENTION TO SHOOT (Nitro)	
NOTICE OF INTENTION TO GUN PERFORATE		NOTICE OF INTENTION (OTHER)		NOTICE OF INTENTION (OTHER)	

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Aztec New Mexico
(Place)

8/4/59
(Date)

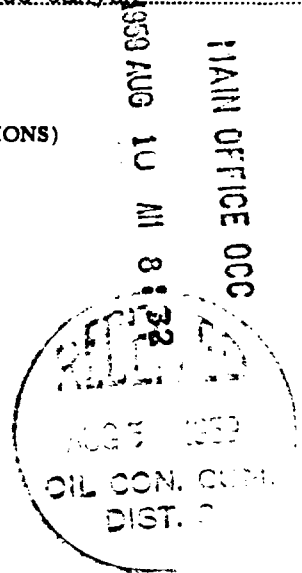
Gentlemen:

Following is a Notice of Intention to do certain work as described below at the.....

Carter Mandel Co. NE Hogback State Well No. 1 in
(Company or Operator) Lessee (Unit)
NE 1/4 NE 1/4 of Sec. 16, T. 30 N., R. 16 W. NMPM, Horseshoe Canyon Pool
(40-acre subdivision)
San Juan County, County.

FULL DETAILS OF PROPOSED PLAN OF WORK
(FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS)

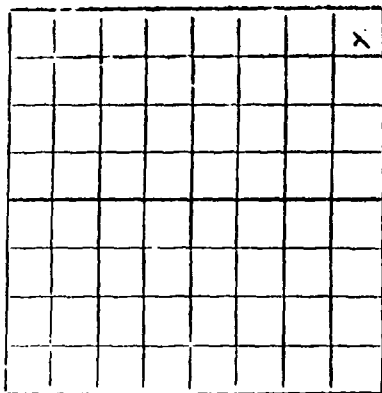
Well capped with swage and valve.



Approved..... 1959
Except as follows:

Approved
OIL CONSERVATION COMMISSION
By: *Ernest C. ...*
Title: # 3

Carter Mandel Company
Company or Operator
By: *A.F. Roberts Jr.*
Position: *agent.*
Send Communications regarding well to:
Name: A.F. Roberts Jr
Address: 907 Hallett Circle, Farmington New Mex.



AREA 640 ACRES
LOCATE WELL CORRECTLY

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

..... Carter & Mandel Co. Northeast Hogback State
(Company or Operator) (Lease)

Well No. 1, in NE $\frac{1}{4}$ of NE $\frac{1}{4}$, of Sec. 16, T. 30N, R. 16W, NMPM.
Undes. Gallup Pool, San Juan County.

Well is 365' feet from North line and 330' feet from East line
of Section 16. If State Land the Oil and Gas Lease No. is

Drilling Commenced May 6, 1959 Drilling was Completed June 24, 1959

Name of Drilling Contractor Greystones Drilling Co.

Address Dallas, Texas

Elevation above sea level at Top of Tubing Head 5324. The information given is to be kept confidential until, 19.....

1959 AUG 24 PM 4:45
MAIN OFFICE OCG

OIL SANDS OR ZONES

No. 1, from 1200 to 1222 No. 4, from to

No. 2, from 1236 to 1250 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 None 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
7 5/8"	24	New	44	Baker			Surface casing
4 1/2"	9.5	New	1406	Baker		88/1200-1222 56/1236-1250	Production casing

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
8 3/4"	7 5/8"	44	10	Pumped		
6 1/2"	4 1/2"	1406	50	Pumped		

RECORD OF PRODUCTION AND STIMULATION

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

Sand-Oil Fractured through 2 1/2" tubing with 38,000 gallons of crude oil and 12,000 pounds of sand. Formation broke down at 1300 p.s.i. and took treatment at 1150 p.s.i. Injection rate 13.2 barrels per minute. Shut in for 12 hours with 100 p.s.i. pressure.

Result of Production Stimulation Flowed back 508 barrels of load oil during first 24 hours open.

Swabbed 265 barrels of load oil. Installed pump and pumped 75 barrels of load oil during first 24 hours. Well decreased immediately to Depth Cleaned Out.

(16)

RECORD OF DRILL-STEM AND SPECIAL TESTS

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

TOOLS USED

Rotary tools were used from 0 feet to 1406 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
 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. Anhy.....	T. Devonian.....	T. Ojo Alamo.....	
T. Salt.....	T. Silurian.....	T. Kirtland-Fruitland.....	
B. Salt.....	T. Montoya.....	T. Farmington.....	
T. Yates.....	T. Simpson.....	T. Pictured Cliffs.....	
T. 7 Rivers.....	T. McKee.....	T. Menefee.....	
T. Queen.....	T. Ellenburger.....	T. Point Lookout.....	
T. Grayburg.....	T. Gr. Wash.....	T. Mancos...On Surface.....	
T. San Andres.....	T. Granite.....	T. Dakota.....	
T. Glorieta.....	T.	T. Morrison.....	
T. Drinkard.....	T.	T. Penn.....	
T. Tubbs.....	T.	T. Gallup 1200.....	
T. Abo.....	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 to	1200	1200	Mancos shale; Black silty shale with thin fine grained sandstone beds.				
1200	1386	186	Gallup formation; Lt. gray, fine-grained sandstone beds with black silty shale beds.				
1386	1406	20	Black silty Mancos shale.				

STATE OF NEW MEXICO	
OIL CONSERVATION COMMISSION	
AZULCO DISTRICT OFFICE	
NUMBER OF COPIES RECEIVED	5
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
PRODUCTION OFFICE	G.S.
OPERATOR	

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.

July 29, 1960

Company or Operator Carter & Mandel Co.

Address 410 Lubbock National Building
Lubbock, Texas

17

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

MISCELLANEOUS NOTICES

Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of notice by checking below:

NOTICE OF INTENTION TO TEST CASING SHUT-OFF		NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL	
NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING	
NOTICE OF INTENTION TO REPAIR WELL		NOTICE OF INTENTION TO PLUG WELL	X
NOTICE OF INTENTION TO DEEPEN WELL			

Farmington, N. M.

July 29, 1960

Place

Date

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico

Gentlemen:

Following is a notice of intention to do certain work as described below at the
Carter & Mandel Co. Northeast Hogback State Well No. 1 in NE NE
Company or Operator Lease
of Sec. 16, T. 30N, R. 16W, N. M. P. M. Undes. Gallup Field.
San Juan County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

It is intended to plug the above well in the following manner:

(The 4 1/2", 9.5 lb. casing which is from the surface to T.D. of 1406' is cemented from top to bottom and will not be pulled.)

Set a cement plug from 1190' to 1403 (P.B.T.D.) with 20 sacks of type I cement.

Set a cement plug from surface to 10' with 1 sack of type I cement.

Set a 4' steel marker in the surface plug.

Clean and level the location.

Approved AUG 1 1960 8-4 1960
except at follows:

Carter & Mandel Co.
Company or Operator

By *A. F. Roberts, Jr.*
A. F. Roberts, Jr. Agent

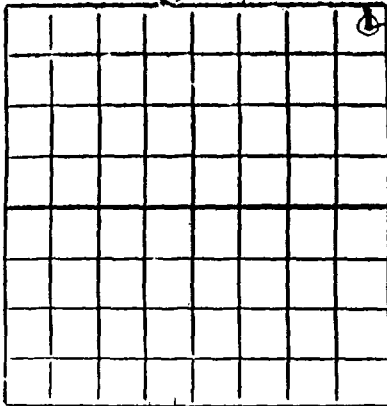
07 6 NY 8 NOV 1960

Send communications regarding well to

OIL CONSERVATION COMMISSION

By *Louise...*
Title *Sup. Dist. III*

Name A. F. Roberts, Jr.
Address 705 Citizens National Bank Building
Abilene, Texas



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

AREA 640 ACRES
LOCATE WELL CORRECTLY

Carter & Mandel Company NE Hogback - State
(Company or Operator) (Lease)

Well No. 18, in NE $\frac{1}{4}$ of NE $\frac{1}{4}$, of Sec. 16, T. 30 N, R. 16 W, NMPM.
Horseshoe Canyon Pool, San Juan County.

Well is 330 feet from East line and 365 feet from North line
of Section 16. If State Land the Oil and Gas Lease No. is E-9991 (Gulf # B-00019-00).

Drilling Commenced May 6th, 1959. Drilling was Completed June 1, 1959.

Name of Drilling Contractor Graystone Drilling Co.
Address Dallas Texas

Elevation above sea level at Top of Tubing Head 5324. The information given is to be kept confidential until
19 .

OIL SANDS ZONES

No. 1, from 1200 to 1222 No. 4, from to
No. 2, from 1236 to 1250 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. N
No. 2, from to feet. O
No. 3, from to feet. N E
No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
7 3/8	24#	New	44	Baker			Surface
4-1/2	9.50	"	1406	"			oil string

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
8-3/4	7/5/8	44#	10	Cir.		None
6 1/2	4 1/2	1406	175	Circulated	None	None

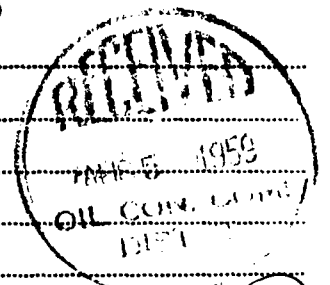
RECORD OF PRODUCTION AND STIMULATION

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

Sand oil Fract. with 38,000 Gallons Oil 18,000 Lbs. of sand.

Result of Production Stimulation After recovery of fract oil - 5 bbls. per day.

Depth Cleaned Out 1403



18

RECORD OF DRILL-STEM AND SPECIAL TESTS

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

TOOLS USED

Rotary tools were used from.....0.....feet to.....1406.....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.....5.....barrels of liquid of which.....100.....% was
 was oil;no.....% was emulsion;no.....% water; and.....none.....% was sediment. A.P.I.
 Gravity.....42.....

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

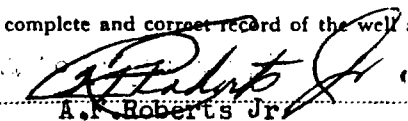
- | | | |
|--------------------|---------------------|----------------------------|
| T. Anly..... | T. Devonian..... | T. Ojo Alamo..... |
| T. Salt..... | T. Silurian..... | T. Kirtland-Fruitland..... |
| B. Salt..... | T. Montoya..... | T. Farmington..... |
| T. Yates..... | T. Simpson..... | T. Pictured Cliffs..... |
| T. 7 Rivers..... | T. McKee..... | T. Menefee..... |
| T. Queen..... | T. Ellenburger..... | T. Point Lookout..... |
| T. Grayburg..... | T. Gr. Wash..... | T. Mancos..... |
| T. San Andres..... | T. Granite..... | T. Dakota..... |
| T. Glorieta..... | T. | T. Morrison..... |
| T. Drinkard..... | T. | T. Penn..... |
| T. Tubbs..... | T. | T. Gallup----- 1200' |
| T. Abo..... | 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	120	120	Shale & Sandy shale				
120	420	300	Shale				
420	750	330	Sandy Shale				
750	990	240	Shale				
990	1200	210	Sandy shale				
1200	1222	22	Sand (oil or Gas)				
1222	1236	14	Sandy shale				
1236	1250	14	Sand (oil or Gas)				
1250	1345	95	Sandy shale				
1345	1385	40	sandy shale				
1385	1406	21	Shale.				

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.


 A. K. Roberts Jr.
 (Date)

Company or Operator.....Carter & Mandel Co..... Address.....907 Hallett Circle-- Farmington New Mex.

Agent.....

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

Form G-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 additional instructions in Rules and Regulations of the Commission. If State Land submit 6 Copies Attach Form G- 128 in triplicate to first 3 copies of form G-101

San Juan County New Mex. (Place)

5/4/59 (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

~~Charles S. Carter Et Al~~ Carter + Mandell Co
 (Company or Operator)

NE Hogback State Of New Mex (Lease)

Well No. 1, in 1.9 Acre (Unit)

located 330' feet from the East line and 365' feet from the North line of Section 16, T 30N, R 16 W, NMPM.

(GIVE LOCATION FROM SECTION LINE) Horseshoe Gallup Ext. Pool, San Juan County County

If State Land the Oil and Gas Lease is No. E-9991

If patented land the owner is.....

Address.....

We propose to drill well with drilling equipment as follows: Drill and Complete With Failing, Using air as circulating Medium

The status of plugging bond is.....

Drilling Contractor Graystone Drilling Co
Dallas Texas

We intend to complete this well in the Gallup formation at an approximate depth of 1400 feet.

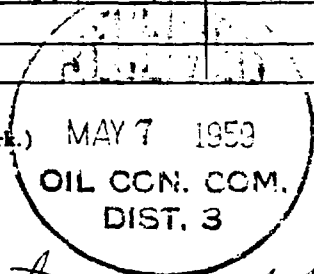
CASING PROGRAM

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
8 3/4	7 5/8	24#	New	44'	Circulate
6 1/2	4 1/2	9.5#	New	1,372	50 Sacks

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.)



MAY 4 1959

Approved....., 19.....
 Except as follows:

Sincerely yours, Carter + Mandell Co.

Charles S. Carter
 (Company or Operator)

By [Signature]

Position Agent
 Send Communications regarding well to

Name.....
 Address.....

OIL CONSERVATION COMMISSION

By [Signature]

30

NEW MEXICO OIL CONSERVATION COMMISSION

Well Location and Acreage Dedication Plat

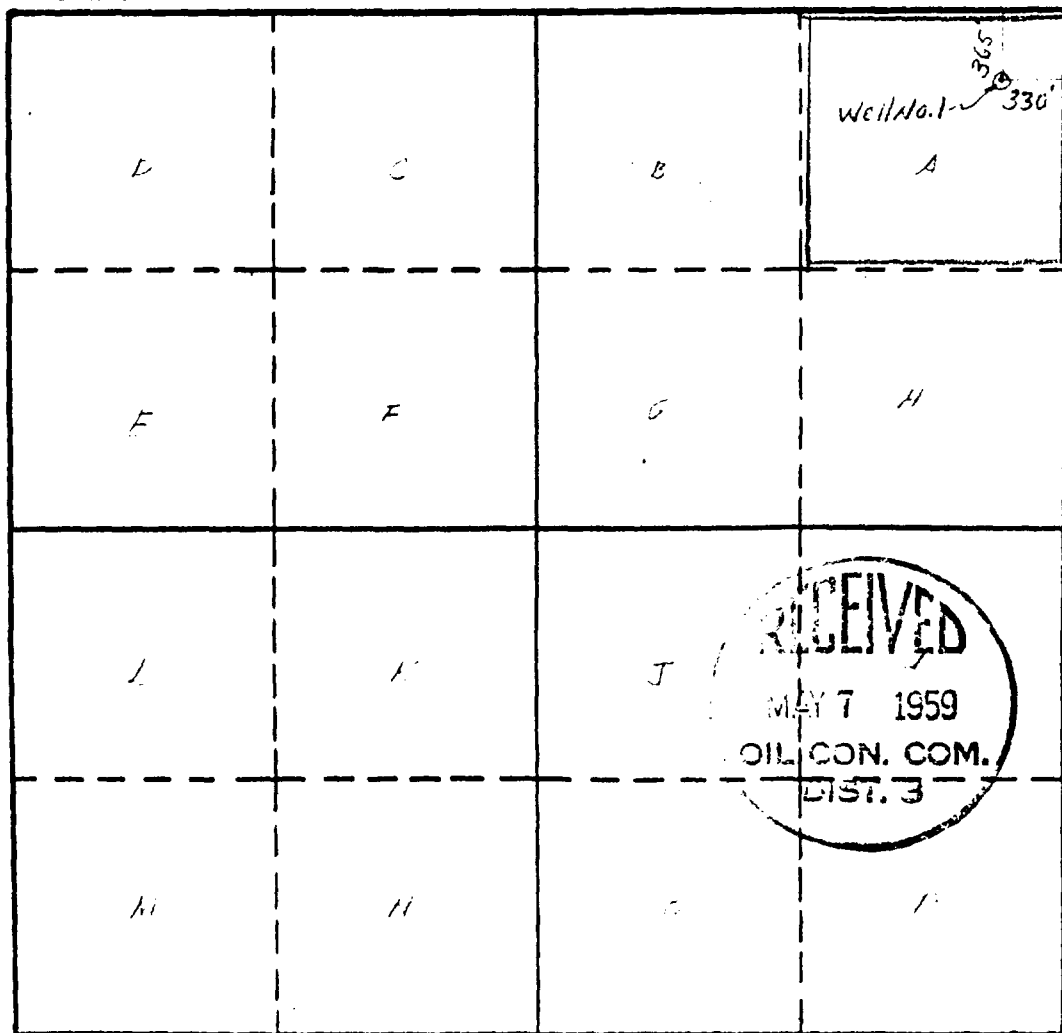
Section A. Carters Mandel Co. Date May 5, 1959

Operator ~~Charles S. Carter~~ Lease Northeast Hogback State of New Mexico
 Well No. 1 Unit Letter A Section 10 Township 30 N Range 10 W NMFM
 Located 365 Feet From North Line, 330 Feet From East Line
 County San Juan G. L. Elevation 5319 Dedicated Acreage 30 Acres
 Name of Producing Formation Gallup Pool Horseshoe Gallup

1. Is the Operator the only owner* in the dedicated acreage outlined on the plat below?
 Yes No
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:

<u>Owner</u>	<u>Land Description</u>

Section B



This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

Charles S. Carter
(Operator)

Robert J. ...
(Representative)

Govt Hallett Creek
Address
Armington well well

This is to 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 April 10, 1959
C. L. Post
Registered Professional Engineer and Land Surveyor

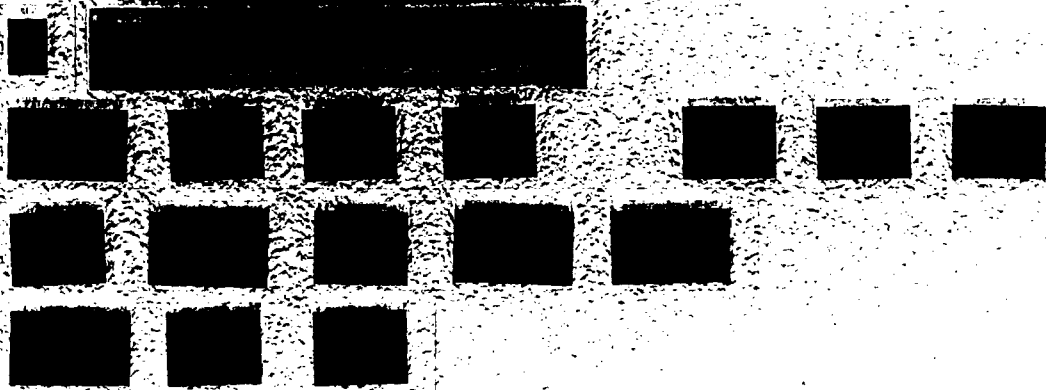
(21)

Petroleum Information
Corporation
GEO-FICHE™

30N-16W-16- 01 (NE NE)
NEW MEXICO NM

WELL: ST OF NM HOGSBACK 1
OPER: CARTER & MANDEL
CNTY: SAN JUAN

API: 30-045-09592
ISSUE: A07/86
CARD: 1



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 additional 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**

San Juan County New Mex.

(Place)

5/4/59

(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

~~Charles E. Carter et al~~ Carter + Mandel Co.

(Company or Operator)

NE Hogback State Of New Mex

(Lease)

Well No. 1

A
 (Unit)

The well is

located 330' feet from the East line and 365' feet from the

North

line of Section 16, T. 30N, R. 16 W, NMPM.

(GIVE LOCATION FROM SECTION LINE) Horseshoe Gallup Ext. Pool, San Juan County County

If State Land the Oil and Gas Lease is No. X-9991

If patented land the owner is

Address

We propose to drill well with drilling equipment as follows: Drill and Complete With Failing, Using air as circulating medium

The status of plugging bond is

Drilling Contractor Graystone Drilling Co.
Dallas Texas

We intend to complete this well in the Gallup

formation at an approximate depth of 1400 feet.

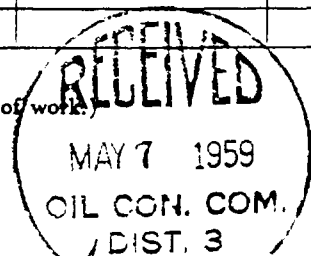
CASING PROGRAM

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
<u>8 3/4</u>	<u>7 5/8</u>	<u>24#</u>	<u>New</u>	<u>44'</u>	<u>Circulate</u>
<u>6 1/2</u>	<u>4 1/2</u>	<u>9.5#</u>	<u>New</u>	<u>1,372</u>	<u>50 Sacks</u>

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)



MAY 3 1959

Approved....., 19.....
 Except as follows:

Sincerely yours, Carter + Mandel

~~Charles E. Carter et al~~
 (Company or Operator)

By [Signature]

Position Agent
 Send Communications regarding well to

Name

Address

OIL CONSERVATION COMMISSION

By A. R. Hendrick

73

NEW MEXICO OIL CONSERVATION COMMISSION
Well Location and Acreage Dedication Plat

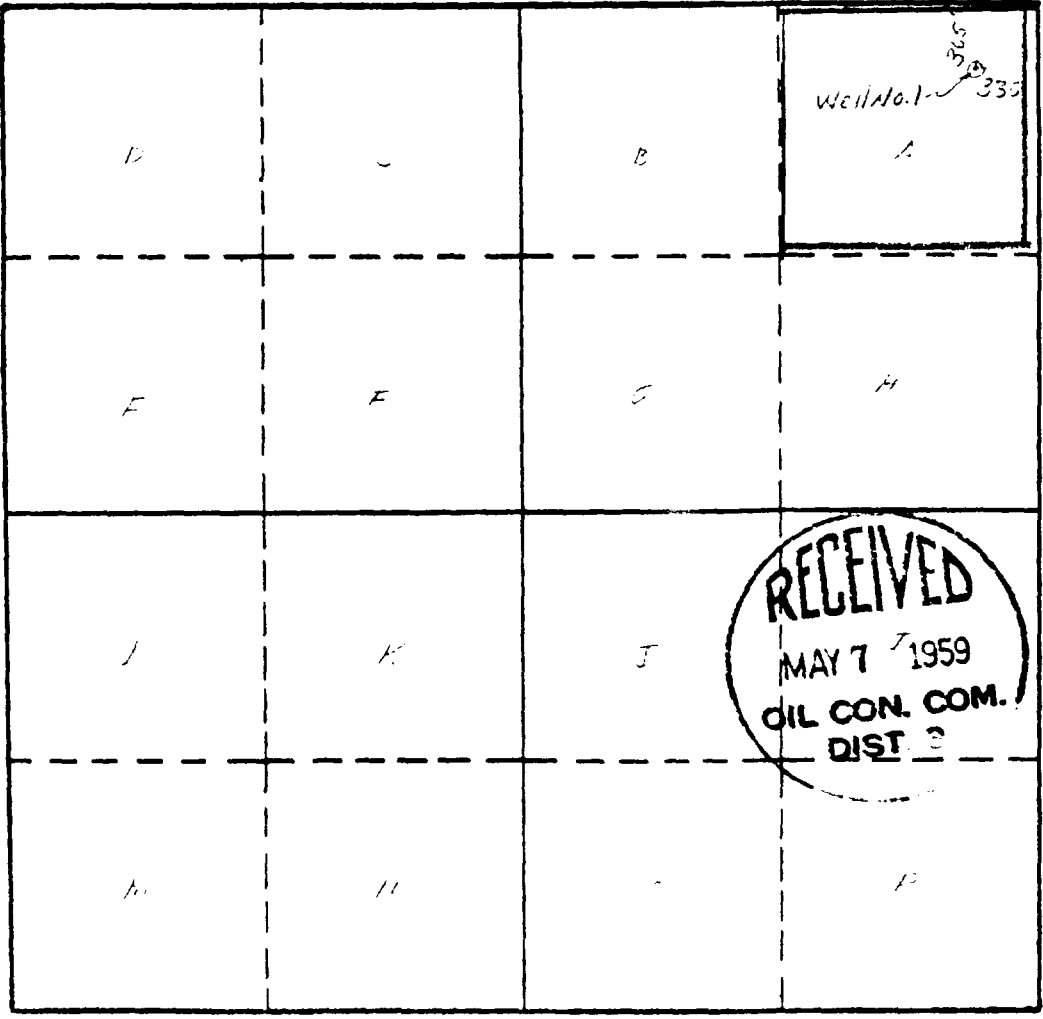
Section A. Carter + Mendel Co. Date May 5, 1959

Operator ~~Carter + Mendel Co.~~ Lease Northeast Hogback State of New Mexico
Well No. 1 Unit Letter A Section 10 Township 30 N Range 10 W NMPM
Located 365 Feet From North Line, 330 Feet From East Line
County San Juan G. L. Elevation 5319 Dedicated Acreage 40 Acres
Name of Producing Formation Gallup Pool Horseshoe Gallup

1. Is the Operator the only owner* in the dedicated acreage outlined on the plat below?
Yes No
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:

<u>Owner</u>	<u>Land Description</u>

Section B



This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

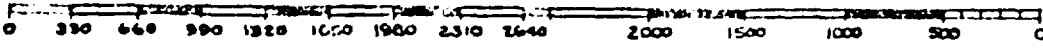
Charles S. Carter
(Operator)

[Signature]
(Representative)

9077 Hallett Creek, Farmington, N.M.
Address

This is to 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 April 1, 1959
C. L. Potat
Registered Professional Engineer and Land Surveyor



						X

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

AREA 640 ACRES
LOCATE WELL CORRECTLY

Carter & Mandel Co. Northeast Hogback State
(Company or Operator) (State)
Well No. 1, in NE ¼ of NE ¼, of Sec. 16, T. 50N, R. 16W, NMPM.
Unders. Gallup Pool, San Juan County.
Well is 365' feet from North line and 330' feet from East line
of Section 16. If State Land the Oil and Gas Lease No. is _____
Drilling Commenced May 6, 1959 Drilling was Completed June 1, 1959
Name of Drilling Contractor Graystone Drilling Co.
Address Dallas, Texas
Elevation above sea level at Top of Tubing Head 5324. The information given is to be kept confidential until _____, 19____.

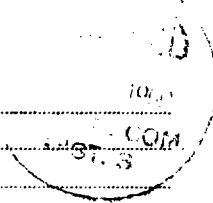
OIL SANDS OR ZONES

No. 1, from 1200 to 1222 No. 4, from _____ to _____
No. 2, from 1236 to 1250 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 None to _____ feet.
No. 2, from _____ to _____ feet.
No. 3, from _____ to _____ feet.
No. 4, from _____ to _____ feet.



CASING RECORDED

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
7 5/8"	24	New	44	Baker			Surface casing
4 1/2"	9.5	New	1406	Baker		86/1200-1222 56/1236-1250	Production casing

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
8 3/4"	7 5/8"	44	10	Pumped		
6 1/2"	4 1/2"	1406	80	Pumped		

RECORD OF PRODUCTION AND STIMULATION

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

Sand-Oil Fractured through 2 1/2" tubing with 38,000 gallons of crude oil and 12,000 pounds of sand. Formation broke down at 1500 p.s.i. and took treatment at 1150 p.s.i. Injection rate 13.2 barrels per minute. Shut in for 12 hours with 100 p.s.i. pressure.
Result of Production Stimulation... Flowed back 508 barrels of load oil during first 24 hours open. Swabbed 265 barrels of load oil. Installed pump and pumped 75 barrels of load oil during first 24 hours. Well decreased immediately to 2 barrels per day and decreased further to negligible amounts. Depth Cleaned Out _____

25

RECORD OF DRILL-STEM AND SPECIAL TESTS

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

TOOLS USED

Rotary tools were used from.....feet to **1400** 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
 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. Anhy.....	T. Devonian.....	T. Ojo Alamo.....	
T. Salt.....	T. Silurian.....	T. Kirtland-Fruitland.....	
B. Salt.....	T. Montoya.....	T. Farmington.....	
T. Yates.....	T. Simpson.....	T. Pictured Cliffs.....	
T. 7 Rivers.....	T. McKee.....	T. Menefee.....	
T. Queen.....	T. Ellenburger.....	T. Point Lookout.....	
T. Grayburg.....	T. Gr. Wash.....	T. Mancos. On Surface	
T. San Andres.....	T. Granite.....	T. Dakota.....	
T. Glorieta.....	T.	T. Morrison.....	
T. Drinkard.....	T.	T. Penn.....	
T. Tubbs.....	T.	T. Gallup 1200	
T. Abo.....	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 to	1200	1200	Mancos shale; black silty shale with thin fine grained sandstone beds.				
1200	1386	186	Gallup formation; ls. gray, fine-grained sandstone beds with black silty shale beds.				
1386	1406	20	Black silty Mancos shale.				

STATE OF NEW MEXICO	
OIL CONS. DIVISION	
AZTEC DISTRICT OFFICE	
NUMBER OF COPIES REFERRED TO	DATE
SANTA FE	
FILE	
DATE	
OPERATOR	

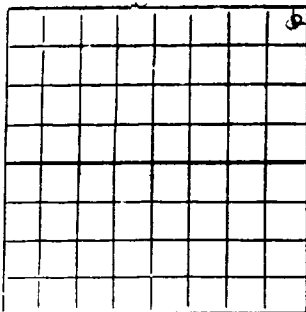
ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

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.

July 29, 1960

Company or Operator Carter & Mandel Co. Address 410 Lubbock National Building
 Name A. P. Roberts, Jr. Agent Lubbock, Texas

(26)



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

AREA 640 ACRES
LOCATE WELL CORRECTLY

Carter & Mandel Company **NE Hogback - State**
(Company or Operator) (Lease)

Well No. 1, in **NE** $\frac{1}{4}$ of **NE** $\frac{1}{4}$, of Sec. 16, T. 30 N, R. 16 W, NMPM.
Horseshoe Canyon Pool, **San Juan** County.

Well is 330 feet from **East** line and 365 feet from **North** line
of Section 16. If State Land the Oil and Gas Lease No. is **R-9991 (Gulf # 8-00019-00)**

Drilling Commenced May 6th, 1959. Drilling was Completed June 1, 1959

Name of Drilling Contractor **Graystone Drilling Co.**
Address **Dallas Texas**

Elevation above sea level at Top of Tubing Head 5324. The information given is to be kept confidential until _____, 19____.

OIL SANDS OR ZONES

No. 1, from 1200 to 1222 No. 4, from _____ to _____
No. 2, from 1236 to 1250 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
7 5/8	24.7	New	44	Baker			Surface
4-1/2	9.50	"	1406	"			oil string

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
8-3/4	7 5/8	44'	10	Cir.		None
6 1/2	4 1/2	1406	175	Circulated	None	None

RECORD OF PRODUCTION AND STIMULATION

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

Sand oil Fract with 38,000 Gallons Oil 18,000 Lbs of sand.

Result of Production Stimulation **After recovery of fract oil - 5 bbls per day.**

Depth Cleaned Out _____

(37)

RECORD OF DRILL-STEM AND SPECIAL TESTS

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

TOOLS USED

Rotary tools were used from **0** feet to **1406** 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 **5** barrels of liquid of which **100** % was
 was oil: **no** % was emulsion; **no** % water; and **none** % was sediment. A.P.I
 Gravity **42**

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. Anhy.....	T. Devonian.....	T. Ojo Alamo.....	
T. Salt.....	T. Silurian.....	T. Kirtland-Fruitland.....	
B. Salt.....	T. Montoya.....	T. Farmington.....	
T. Yates.....	T. Simpson.....	T. Pictured Cliffs.....	
T. 7 Rivers.....	T. McKee.....	T. Menefee.....	
T. Queen.....	T. Ellenburger.....	T. Point Lookout.....	
T. Grayburg.....	T. Gr. Wash.....	T. Mancos.....	
T. San Andres.....	T. Granite.....	T. Dakota.....	
T. Glorieta.....	T.	T. Morrison.....	
T. Drinkard.....	T.	T. Penn.....	
T. Tubbs.....	T.	T. Gallup 1200'	
T. Abo.....	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	120	120	Shale & Sandy shale				
120	420	300	Shale				
420	750	330	Sandy Shale				
750	990	240	Shale				
990	1200	210	Sandy shale				
1200	1222	22	Sand (oil or Gas)				
1222	1236	14	Sandy shale				
1236	1250	14	Sand (oil or Gas)				
1250	1345	95	Sandy shale				
1345	1388	40	sandy shale				
1385	1406	21	Shale.				

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.

Company or Operator: **Carter & Mandel Co.** Address: **907 Hallett Circle- Farmington New Mex.**
 Name: _____ Position: **Agent.**

28



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

March 8, 1985

TONY ANAYA
GOVERNOR

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-5800

Bankrupt *No Bond*

Allied Fidelity Insurance Co.
P. O. Box 3549
Littleton, Colorado 80161

Attention: Karen Walsh

Re: \$5,000 One-Well Plugging Bond
Ralph Abbott dba Abbott Ventures, Principal
State of New Mexico No. 1, NE/4 NE/4 of
A Sec. 16, T-30-N, R-16-W, San Juan County
Bond No. FS136035

Dear Ms. Walsh:

The Oil Conservation Division hereby acknowledges receipt of and approves the rider giving the well location as follows:

330' FEL and 365' FNL of said
Section 16.

Sincerely,

R. L. STAMETS,
Director

dr/

cc: Oil Conservation Division - Aztec

Abbott Ventures
1601 Yucca Avenue
Farmington, New Mexico 87401

RECEIVED

MAR 11 1985

OIL CON. DIV.
DIST. 3

(79)

OIL CONSERVATION DIVISION

P O BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

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

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.
V-606

1a. TYPE OF WELL
OIL WELL GAS WELL OTHER

b. TYPE OF COMPLETION
NEW WELL WORK OVER DEEPEN PLUG BACK DIPPED OTHER Re-entry

7. Unit Agreement Name

8. Farm or Lease Name
N.E. Hogback State NM

2. Name of Operator
ABBOTT VENTURES

9. Well No.
1

3. Address of Operator
1601 Yucca Ave. Farmington, New Mexico 87401

10. Field and Pool, or Wildcat
Horseshoe Gallup

4. Location of Well
UNIT LETTER A LOCATED 330 FEET FROM THE East LINE AND 365 FEET FROM THE North LINE OF SEC. 16 TWP. 30N RGE. 16W NMPM

12. County
San Juan

15. Date Spudded 5/6/59 11-84 16. Date T.D. Reached 6/1/59 11-284 17. Date Compl. (Ready to Prod.) ~~12/28/84~~ 1-25-85 18. Elevations (DF, RKB, RT, GR, etc.) 5319' GR 19. Elev. Casinghead 5321'

20. Total Depth 1406' 21. Plug Back T.D. 1401' 22. If Multiple Compl., How Many

23. Intervals Drilled By: Rotary Tools 0-1406' Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name
1200' - 1222', Upper Gallup 1236' - 1250' Lower Gallup

25. Was Directional Surv Made
No

26. Type Electric and Other Logs Run
GR (1959)

27. Was Well Cored
No

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

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	MOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
7 5/8"	24#	44'	8 3/4"	10 sx.	
4 1/2"	9.50#	1406'	6 1/4"	50 sx.	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8"	1237'	None

31. Perforation Record (Interval, size and number)

1200' - 1222' 43PF
1236' - 1250' 43PF

ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
1200' 1250'	S.O.F. 38,000 gal O.H.
	18,000 # sand (1959)

33. PRODUCTION

Date First Production 1-25-85 Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping (1 1/2" X 8') Well Status (Prod. or Shut-in) Shut in

Date of Test <u>2/10/85</u>	Hours Tested <u>7 Day</u>	Choke Size	Prod'n. For Test Period	Oil - Bbl. <u>8</u>	Gas - MCF <u>TSTM</u>	Water - Bbl. <u>5.5</u>	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. <u>1.14</u>	Gas - MCF	Water - Bbl. <u>0.8</u>	Oil Gravity - API (Corr.) <u>41°</u>	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)

Test Witnessed By
C.J. Taplin

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 Rayl Abbott TITLE Operator DATE 2-20-85



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

January 22, 1985

TONY ANAYA
GOVERNOR

*NE Hogback State NM
A-16-30N-16W #1*

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-5800

Abbott Ventures
1601 Yucca Avenue
Farmington, New Mexico 87401

Re: \$5,000 One-Well Plugging Bond
Ralph Abbott dba Abbott Ventures,
Principal; State of New Mexico No. 1
NE/4 NE/4 of Sec. 16, T-30-N, R-16-W,
San Juan County; Depth: 1406 feet
Bond No. FS136035

Gentlemen:

The Oil Conservation Division hereby approves the
above-captioned one-well plugging bond effective this
date.

We would appreciate your having your insurance company
issue a rider to this bond giving us the exact footage
location; example: 660 feet from the South line and
660 feet from the West line.

Thank you.

Sincerely,

R. L. STAMETS,
Director

dr/

cc: Oil Conservation Division
Aztec, New Mexico

RECEIVED

JAN 24 1985

OIL CON. DIV.
DIST. 3

(31)

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-73

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

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.
V-606

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
Abbott Ventures

3. Address of Operator
1808 Knudsen Av. Farmington, NM 87401

4. Location of Well
UNIT LETTER A 330 FEET FROM THE East LINE AND 365 FEET FROM THE North LINE, SECTION 16 TOWNSHIP 30N RANGE 16W NMPM.

7. Unit Agreement Name

8. Farm or Lease Name
NE Hogback State NM

9. Well No.
1

10. Field and Pool, or Wildcat
Horseshoe Gallup

11. Elevation (Show whether DF, RT, GR, etc.)
5319' GR

12. County
San Juan

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"/>	PLUS 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"/>	PLUS AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <input checked="" type="checkbox"/>
		Re-entry	

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.

- 10/31/84: MIRU
- 11/1/84 : Remove steel marker, drill out 10' surface plug, tag cement at 1187'.
- 11/2/84 : Drill out cement plug 1187' - 1406'. Bailed well.
- 11/3/84 : Released rig.

33
JAN 10 1985
OIL CON. DIV.
DIS. 3

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

SIGNED: Frank Abbott TITLE Owner/Operator DATE 12/18/84

APPROVED BY: Original Signed By FRANK J. CHAVEZ TITLE SUPERVISOR DISTRICT # 3 DATE JAN 09 1985

CONDITIONS OF APPROVAL, IF ANY:

33

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

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

5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. V-606

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.

OIL WELL GAS WELL OTHER

7. Unit Agreement Name

8. Form or Lease Name
NE Hogback State NM

9. Well No.
1

10. Field and Pool, or Wharff
Horseshoe Gallup

Name of Operator
Abbott Ventures

Address of Operator
1808 Knudsen Av. Farmington, NM 87401

Location of Well
UNIT LETTER A 330 FEET FROM THE East LINE AND 365 FEET FROM
THE North LINE, SECTION 16 TOWNSHIP 30N RANGE 16W NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)
5301' D.F. 330 GR.

12. County
San Juan

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 type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <u>Re-enter</u> <input checked="" type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <input type="checkbox"/>

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 intended to re-enter the above captioned well in the following manner:

- MIRU
- Drill out surface plug and plug at 1190' to approximately 1300'.
- Perforate new zone.
- Spot mud acid across perms.
- Swab well.
- If well proves commercial set production equipment.
- Move rig off and clean location.

RECEIVED
JAN 10 1985
OIL CON. DIV.
DIST. 3

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

SIGNED Frank Abbott TITLE OWNER / OPERATOR DATE 8-30-84

Original Signed by FRANK T. CHAVEZ

SUPERVISOR DISTRICT # 3

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 Carter & Mandel Co.		Address 410 Lubbock National Building Lubbock, Texas			
Lease Northeast Hogback State	Well No. 1	Unit Letter	Section 16	Township T30N	Range R16W
Date Work Performed 8/7/60	Pool Undes. Gallup	County San Juan			

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.

The above named well was plugged in the following manner:

A cement plug was set from 1190' to 1403' with 20 sacks of Type I cement.

A cement plug was set from surface to 10' with 1 sack of Type I cement.

A 4' steel marker was set in the surface plug.

The location was cleaned and leveled.



Witnessed by	Position	Company
--------------	----------	---------

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 Original Signed Emery C. Arnold	Name <i>A. P. Roberts, Jr.</i>		
Title Supervisor Dist. # 3	Position A. P. Roberts, Jr., Agent		
Date AUG 25 1960	Company Carter & Mandel Co.		

(34)

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

MISCELLANEOUS NOTICES

Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of notice by checking below:

NOTICE OF INTENTION TO TEST CASING SHUT-OFF		NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL	
NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING	
NOTICE OF INTENTION TO REPAIR WELL		NOTICE OF INTENTION TO PLUG WELL	X
NOTICE OF INTENTION TO DEEPEN WELL			

Farmington, N. M.

July 29, 1960

Place

Date

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico

Gentlemen:

Following is a notice of intention to do certain work as described below at the
Carter & Mandel Co. Northeast Hogback State Well No. 1 in NE NE
Company or Operator Lease
of Sec. 16, T. 30N, R. 16W, N. M. P. M., Undes. Gallup Field.
San Juan County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

It is intended to plug the above well in the following manner:

(The 4 1/2", 9.5 lb. casing which is from the surface to T.D. of 1406' is cemented from top to bottom and will not be pulled.)

Set a cement plug from 1190' to 1403 (P.B.T.D.) with 20 sacks of type I cement.

Set a cement plug from surface to 10' with 1 sack of type I cement.

Set a 4' steel marker in the surface plug.

Clean and level the location.

Approved AUG 1 1960 P. F., 1960
except at follows:

Carter & Mandel Co.
Company or Operator

By A. F. Roberts, Jr.
A. F. Roberts, Jr., Agent

Position Send communications regarding well to

Name A. F. Roberts, Jr.

Address 705 Citizens National Bank Building
Abilene, Texas

OIL CONSERVATION COMMISSION,
By [Signature]
Title [Signature]

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NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

MISCELLANEOUS NOTICES

Submit this notice in TRIPPLICATE to the District Office, Oil Conservation Commission, before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Notice by Checking Below

NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO TEMPORARILY ABANDON WELL	X	NOTICE OF INTENTION TO DRILL DEEPER	
NOTICE OF INTENTION TO PLUG WELL		NOTICE OF INTENTION TO PLUG BACK		NOTICE OF INTENTION TO SET LINER	
NOTICE OF INTENTION TO SQUEEZE		NOTICE OF INTENTION TO ACIDIZE		NOTICE OF INTENTION TO SHOOT (Nitro)	
NOTICE OF INTENTION TO GUN PERFORATE		NOTICE OF INTENTION (OTHER)		NOTICE OF INTENTION (OTHER)	

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Astec New Mexico
(Place)

8/4/59
(Date)

Gentlemen:

Following is a Notice of Intention to do certain work as described below at the.....

Carter Mandel Co. NE Hogback State Well No. 1 in.....
(Company or Operator) Lease (Unit)
NE $\frac{1}{4}$ NE $\frac{1}{4}$ of Sec. 16, T. 30 N, R. 16 W, NMPM, Horseshoe Canyon Pool
San Juan County County.

FULL DETAILS OF PROPOSED PLAN OF WORK
(FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS)

Well capped with swage and valve.



Approved..... AUG 5 1959 19.....
Except as follows:

Approved
OIL CONSERVATION COMMISSION
By Original Signed Emery C. Arnold
Title..... Supervisor Dist. # 3

Carter Mandel Company
By [Signature] agent.
Position.....
Send Communications regarding well to:
Name..... A.F. Roberts Jr
Address..... 907 Hallett Circle, Farmington New Mex.

310

DISTRIBUTION	
YANTRA FE	
FILE	
J.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PROVATION OFFICE	

NEW MEXICO OIL CONSERVATION COMMISSION
 REQUEST FOR ALLOWABLE
 AND
 AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
 Supersedes Old C-104 and C-110
 Effective 1-1-65

3054/W
 4-3-85

I. OPERATOR
 Operator: Abbott Ventures
 Address: 1808 Knudsen Av. Farmington, NM 87401

Reason(s) for filing (Check proper box):
 New Well Change in Transporter of:
 Recompletion Oil Dry Gas
 Change in Ownership Casinghead Gas Condensate

Other (Please explain): FEB 27 1985
 OIL CON. DIV
 DIST. 3

If change of ownership give name and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name: NE Hogback State NM Well No.: 1 Pool Name: Horseshoe Gallup Kind of Lease: State, Federal or Fee State Lease No.: V-606

Location: Unit Letter: A 330 Feet From The East Line and 365 Feet From The North

Line of Section: 16 Township: 30 North Range: 16 West, NMPM, San Juan County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil or Condensate : Gary Energy, 115 Inverness Dr. East Englewood, CO 80112-5116
 Address (Give address to which approved copy of this form is to be sent)

Name of Authorized Transporter of Casinghead Gas or Dry Gas : _____
 Address (Give address to which approved copy of this form is to be sent)

If well produces oil or liquids, give location of tanks. Unit: A Sec: 16 Twp: 30N Rng: 16W Is gas actually connected? No When: _____

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X) Oil Well Gas Well _____ New Well Workover _____ Deepen _____ Plug Back _____ Same Restv. _____ Diff. Restv. _____

Date Spudded: 11/1/84 Date Compl. Ready to Prod.: 1/25/85 Total Depth: 1406' P.B.T.D.: 1401'

Elevations (DF, RKB, RT, GR, etc.): 5319' GR Name of Producing Formation: Horseshoe Gallup Top Oil/Gas Pay: 1200' Tubing Depth: 1237'

Perforations: 1200'-1222' 4JSPF, 1236'-1250' 4JSPF Depth Casing Shoe: 1406'

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
8 3/4"	7 5/8"	44'	10
6 1/2"	4 1/2"	1406'	50
	2 3/8"	1237'	

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks: 1/25/85 Date of Test: 2/10/85 Producing Method (Flow, pump, gas lift, etc.): Pumping

Length of Test: 7 days Tubing Pressure _____ Casing Pressure _____ Choke Size _____

Actual Prod. During Test: 13.5 BBL Oil-Bbls.: 8 Water-Bbls.: 5.5 Gas-MCF: TSTM

GAS WELL

Actual Prod. Test-MCF/D _____ Length of Test _____ Bbls. Condensate/MMCF _____ Gravity of Condensate _____

Testing Method (pitot, back pr.) _____ Tubing Pressure (shut-in) _____ Casing Pressure (shut-in) _____ Choke Size _____

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Rayl Abbott
 (Signature)
Operator
 (Title)
Feb 26, 1985
 (Date)

OIL CONSERVATION COMMISSION
 3-7-85 APPROVED MAR - 7 1985
 BY: Original Signed by FRANK T. CHAVEZ
 SUPERVISOR DISTRICT # 1

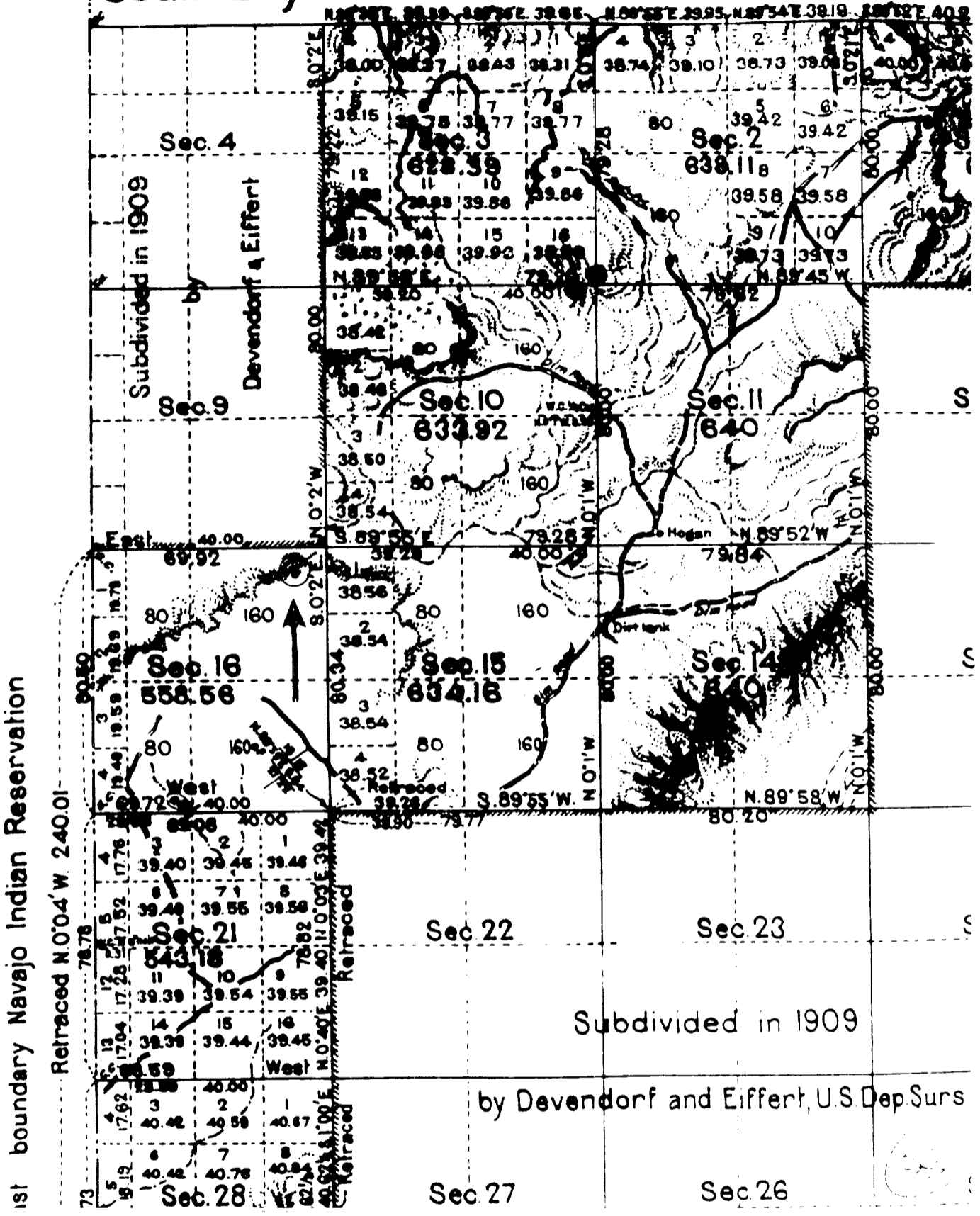
This form is to be filed in compliance with RULE 1104.
 If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.
 All sections of this form must be filled out completely for allowable on new and recompleted wells.
 Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.
 Separate Forms C-104 must be filed for each pool in multiple

5-7-85

Abbott Ventures

NE Hogback State NM #1 (4-6754) A-16-30N-16W

ORTH RANGE N° 16 WEST OF THE NEW MEXICO P South Bdy. Southern Ute Indian Reservation



ation

ist boundary Navajo Indian Reservation

Retraced N 0° 04' W 240.01

Subdivided in 1909 by Devendorf and Eiffert, U.S. Dep Surs

30045 9592

PRINCIPAL: ABBOTT VENTURES 135

SURETY: Allied Fidelity Insurance Co. 26114

BOND NO.: FS136035 40 IN 50523

TYPE: \$5,000 One-Well

APPROVED: January 22, 1985

CANCELLED:

WELL LOCATION: NE/4 NE/4 of Sec. 16, T-30-N,
R-16-W, San Juan County
330" FEL and 365' FNL

Unit A

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CMD :
OG6CLOG

ONGARD
C105-WELL COMPLETION OR RECOMP CASING LOG

01/24/95 21:39:55
OGOMES -EMFZ

OGRID Identifier : 135 ABBOTT VENTURES
Prop Identifier : 11542 NE HOGBACK STATE NM
API Well Identifier : 30 45 9592 Well No : 001
Surface Locn - UL : A Sec : 16 Twp : 30N Range : 16W Lot Idn :
Multiple comp (S/M/C) : S TVD Depth (Feet) : 99999 MVD Depth (Feet):
Spud Date : P/A Date :
Casing/Linear Record:

S Size Grade Weight Depth(ft) Depth(ft) Hole Size Cement ---- TOC ----
(inches) (lb/ft) Top-Liner Bot-Liner (inches) (Sacks) (feet) Code

99.000 99.0 99999.0 99999.0 99.000 9999 99999 C

E0043:Record found; Authority denied to MODIFY/ADD

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
PF07 PF08 PF09 COMMENT PF10 TLOG PF11 PF12

(40)

API Well No : 30 45 9592 Eff Date : 04-01-1985 WC Status : A
Pool Idn : 32870 HORSESHOE GALLUP
OGRID Idn : 135 ABBOTT VENTURES
Prop Idn : 11542 NE HOGBACK STATE NM

Well No : 001
GL Elevation: 99999

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
B.H. Locn	: A	16	30N	16W	FTG 365 F N	FTG 330 F E	P

Lot Identifier:
Dedicated Acre: 40.00

Lease Type : S
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

M0025:Enter PF keys to scroll

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06
PF07	PF08	PF09	PF10 NEXT-WC	PF11 HISTORY	PF12 NXTREC

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CMD :
OG6WELL

ONGARD
INQUIRE WELL DETAILS

01/24/95 21:44:21
OGOMES -EMFZ

API Well No: 30 45 9592 Eff Date : 04-01-1985 APD Status : A
OGRID Idn : 135 ABBOTT VENTURES
Prop Idn : 11542 NE HOGBACK STATE NM
Well No : 001

	U/L	Sec	Township	Range	North/South	East/West	Lot	Idn
	---	---	-----	-----	-----	-----	-----	-----
Surface Locn :	A	16	30N	16W	FTG 365 F N	FTG 330 F E		
API County :	45	San Juan						

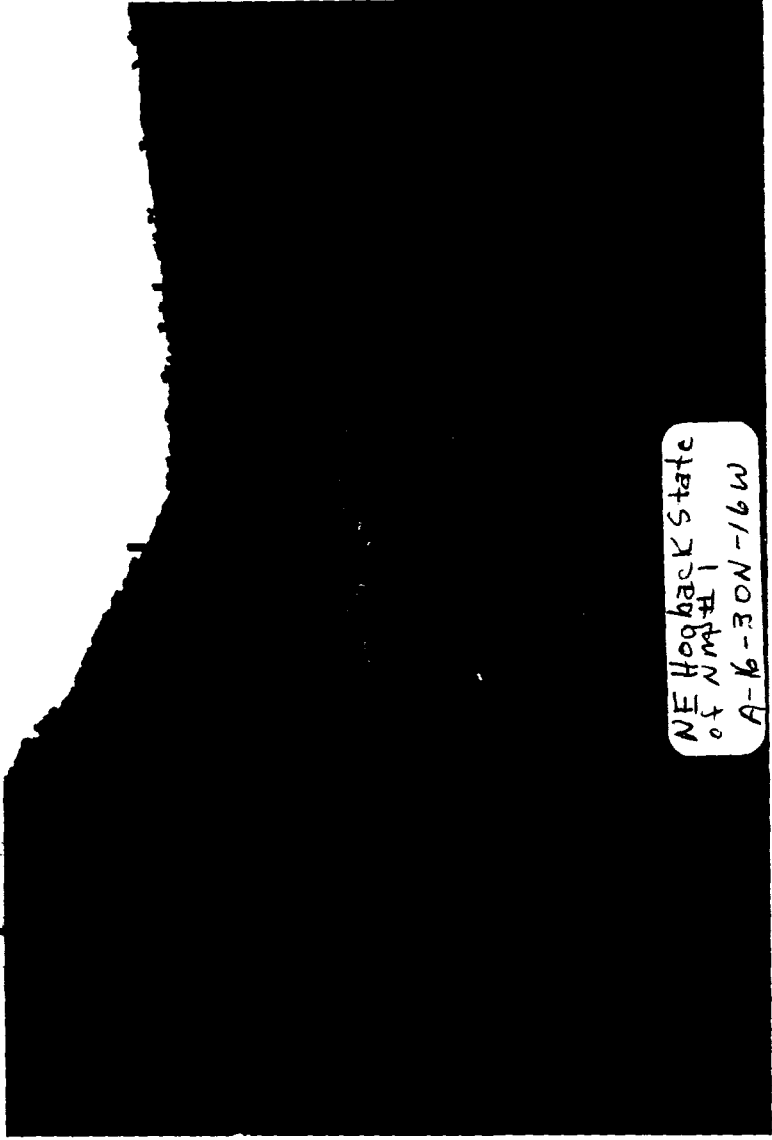
Well type : O Ground Level Elevn : 99999 Cable/Rotary : R
Lease type : S State Lease Number :

Prpsd Depth : Prpsd Formation :

M0025:Enter PF keys to scroll

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06
PF07	PF08	PF09	PF10 IWCM	PF11 HISTORY	PF12 NXTREC

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NE Hogback State
of NM #1
A-6-30N-16W

ILLEGIBLE

**CERTIFIED - RETURN
RECEIPT REQUESTED**

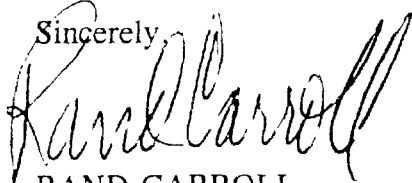
Abbott Ventures
c/o Ralph Abbott
3013 N. 100 West
Provo, Ut 84604

Re: NE Hogback State of New Mexico Well No. 1, located in Unit A,
Section 16, Township 30 North, Range 16 West, San Juan County,
New Mexico

Gentlemen:

Enclosed are copies of the application for, and advertisement of, the Examiner Hearing to be held on Thursday, January 11, 1996, at 8:15 a.m. in the Oil Conservation Division Hearing Room, 2040 S. Pacheco, Santa Fe, New Mexico. Case 11449 concerns the above-captioned subject matter.

Sincerely,



RAND CARROLL
Legal Counsel

RC/dr
enclosure

BEFORE EXAMINER	
OIL CONSERVATION DIVISION	
<u>OOD</u>	EXHIBIT NO. <u>2</u>
CASE NO.	<u>11449</u>

Z 765 962 528

Receipt for Certified Mail

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)



Sent to	ABBOTT VENTURES
Street and No.	C/O RALPH ABBOTT
P.O., State and ZIP Code	3013 N. 100 WEST PROVO UT 84604
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800, March 1993

Fold at line over top of envelope to the right of the return address

Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. Show to whom delivered, date, and addressee's address. 2. Restricted Delivery (Extra charge)

3 and 4. **SENDER:** Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

3. Article Addressed to: ABBOTT VENTURES
C/O RALPH ABBOTT
3013 N. 100 WEST
PROVO, UT 84604

Always obtain signature of addressee or agent and DATE DELIVERED.

8. Addressee's Address (ONLY if requested and fee paid)

6. Signature - Agent *[Signature]*

7. Date of Delivery DEC 26 1995

4. Article Number Z 765 962 528

Type of Service:
 Insured
 Registered
 Certified
 Express Mail
 Return Receipt for Merchandise