

November 30, 1995

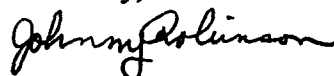
Rand Carroll
General Counsel
EMNRD
2040 S Pacheco
Santa Fe NM 87505

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

JR\sh

xc: well files
Aetna Casualty & Surety
Ralph Abbott

BEFORE EXAMINER	
OIL CONSERVATION DIVISION	
<u>OC</u>	EXHIBIT NO. <u>1</u>
CASE NO.	<u>11449</u>



GARY E. JOHNSON
GOVERNOR

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

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 Carrol

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 1991

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.

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,

Frank T. Chavez
District Supervisor

FTC/dj

xc: Well file ✓
Operator File

5



BRUCE KING
GOVERNOR

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE

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.

7

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

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

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"/> Dry Gas <input type="checkbox"/>
Change in Ownership <input type="checkbox"/>	Casinghead 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 NE Hogback State NM	Well No. 1	Pool Name, Including Formation 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 <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)					
Gary Energy Corp. 115 Inverness Dr. East	Englewood, CO 80112-5116					
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 A	Sec. 16	Twp. 30N	Rge. 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 <input checked="" type="checkbox"/>	Gas Well	New Well <input checked="" type="checkbox"/>	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
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 1/4"	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	OH-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 M. J. [Signature] 1985
BY [Signature]
TITLE SUPERVISOR

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

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

1a. Indicate Type of Lease
State <input checked="" type="checkbox"/> <input type="checkbox"/>
1b. State Oil & Gas Lease No.
V-606

1a. TYPE OF WELL		OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>		1b. TYPE OF COMPLETION	
NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>		Re-entry		2. Name of Operator	
ABBOTT VENTURES		3. Address of Operator		10. Field and Pool, or Wildcat	
1601 Yucca Ave. Farmington, New Mexico 87401		4. Location of Well		Horseshoe Gallup	
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	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead	
5/6/59 11-1-84	6/1/59 1-2-84	12/28/84 1-25-85	5319' GR	5321'	
20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
1406'	1401'			0-1406'	
24. Producing Interval(s), of this completion - Top, Bottom, Name				25. Was Directional Survey Made	
1200' - 1222', Upper Gallup 1236' - 1250' Lower Gallup				No	
26. Type Electric and Other Logs Run				27. Was Well Cored	
GR (1959)				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			30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	PACKER SET
				2 3/8"	1237'
31. Perforation Record (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
1200' - 1222' 4JPF			DEPTH INTERVAL		
1236' - 1250' 4JPF			AMOUNT AND KIND MATERIAL USED		
			1200' 1250' 50# 38,000 gal oil		
			18,000 # sand (1959)		
33. PRODUCTION					
Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)			Well Status (Prod. or Shut-in)	
1-25-85	Pumping (1 1/2" X 8')			Shut in	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF
2/10/85	7 Day			8	TSTM
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.
			1.14		0.8
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		TITLE		DATE	
Ralph Abbott		Operator		2-20-85	

9

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.)

1. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER-		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 Whelan Horseshoe Gallup
15. Elevation (Show whether DF, RT, GR, etc.) 5319' GF		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 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 JOBS <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: MTRU
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 State Engineer DATE 12/18/84
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

NO. OF COPIES RECEIVED	2
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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
Name of Operator	8. Farm or Lease Name
Abbott Ventures	NE Hogback State NM
Address of Operator	9. Well No.
1808 Knudsen Av. Farmington, NM 87401	1
Location of Well	10. Field and Pool, or Wildcat
UNIT LETTER A 330 FEET FROM THE East LINE AND 365 FEET FROM THE North LINE, SECTION 16 TOWNSHIP 30N RANGE 16W	Horseshoe Gallup
11. Elevation (Show whether DF, RT, GR, etc.)	12. County
5301' D.F. 5310 GR.	San Juan

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

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

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

SIGNED <u>Paul Abbott</u>	TITLE <u>OWNER / OPERATOR</u>	DATE <u>8-30-84</u>
APPROVED BY <u>[Signature]</u>	TITLE _____	DATE _____

17

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

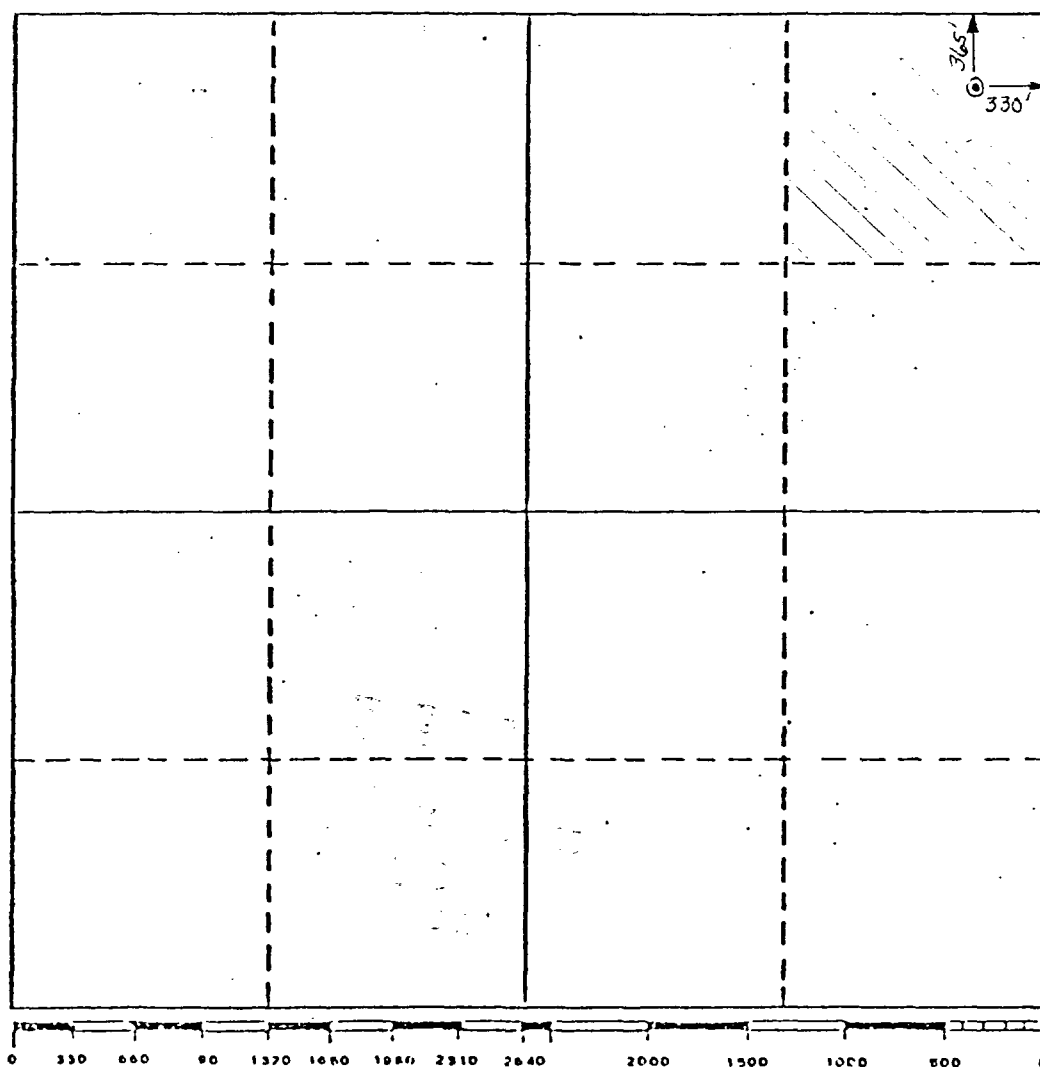
Operator Abbott Ventures			Lease NE Hogback State of New Mexico		Well No. 1
Unit Letter A	Section 16	Township 30 North	Range 16 West	County San Juan	
Actual Footage Location of Well: 365 feet from the North line and 330 feet from the East line					
Ground Level Elev. 5319'	Producing Formation Gallup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

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

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

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

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.



CERTIFICATION

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

Carolyn J. Taplin
Name

Carolyn J. Taplin

Position
Petroleum Engineer

Company
Manzano Resources

Date
January 18, 1985

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

Date Surveyed

Registered Professional Engineer
and/or Land Surveyor

Certificate No.

13

NEW MEXICO OIL CONSERVATION COMMISSION
MISCELLANEOUS REPORTS ON WELLS

FORM C-103
(Rev 3-55)

1980 AUG 11
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>Emory C. Arnold</i>				Name <i>A. F. Roberts, Jr.</i>	
Title Supervisor Dist. # 3				Position A. F. Roberts, Jr., Agent	
Date AUG 11 1960				Company Carter & Mandel Co.	

(14)

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)

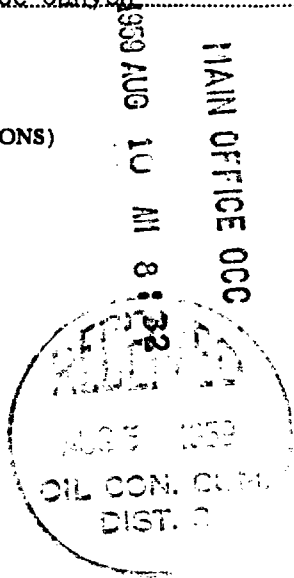
Gentlemen:

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) Lease (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.

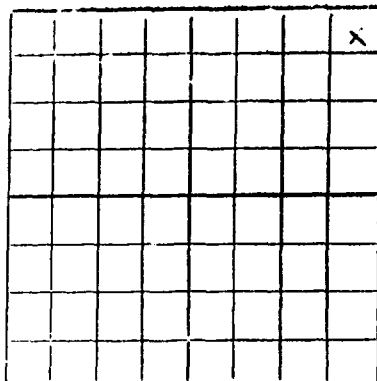


Approved..... AUG 5 1959....., 19.....
Except as follows:

Approved
OIL CONSERVATION COMMISSION
By.....
Title..... # 3

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

15



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 1/4 of NE 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 6, 1959

Name of Drilling Contractor Greystone Drilling Co.

Address Dallas, Texas

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

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

2 barrels per day and decreased further to negligible amounts.

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. Tubbs	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	
AZULC DISTRICT OFFICE	
NUMBER OF COPIES RECEIVED	
SANTA FE	FILE
U.S.G.S	FILE
LAND OFFICE	FILE
TRANSPORTER	FILE
PRODUCTION OFFICE	FILE
OPERATOR	FILE

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 410 Lubbock National Building
Name Lubbock, Texas
Date July 29, 1960

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.

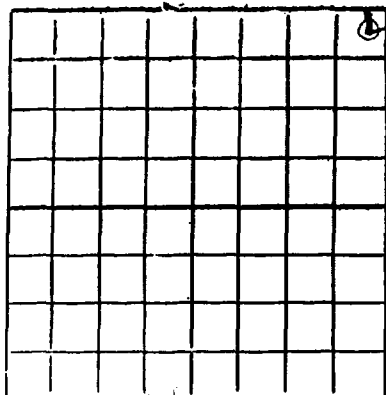
Approved AUG 1 1960 8-4 1960
except at follows:

Carter & Mandel Co.
Company or Operator
By A. F. Roberts, Jr. Agent

07 6 W 7 90V 339 Position
Send communications regarding well to

OIL CONSERVATION COMMISSION
By _____
Title _____

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



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 Company NE Hogback - State
(Company or Operator) (Lease)

Well No. 318, in NE 1/4 of NE 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 # 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 1959.

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 N to feet.
No. 3, from N E 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 3/8	24#	New	44	Baker			Surface
4-1/2	9.50	"	1406	"			oil String

MUDDING AND CEMENTING RECORD

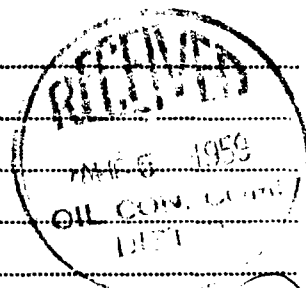
SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
8-3/4	7/5/8	44'	10	Cir.		None
6 1/2	4 1/2	1406	175	Circulated	None	None

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 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	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.

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

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. 5/4/59
(Place) (Date)

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Gentlemen:

You are hereby notified that it is our intention to commence the Drilling of a well to be known as
~~Charles S. Garber Et Al~~ *Carter + Mandell Co*
(Company or Operator)
NE Hogback State Of New Mex, Well No. 1, in ~~40 acre~~ *1* (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

D	C	B	A 330'
E	F	G	H
L	K	J	I
M	N	O	P

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.

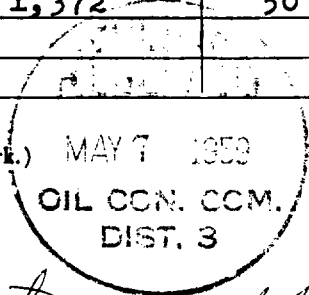
CASING PROGRAM

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.)



Approved _____, 19____
Except as follows:

OIL CONSERVATION COMMISSION

By *A. R. Kenfick*

Sincerely yours, *Carter + Mandell Co.*

~~Charles S. Garber~~
(Company or Operator)
By *A. R. Kenfick*
Position Agent
Send Communications regarding well to
Name
Address

20

NEW MEXICO OIL CONSERVATION COMMISSION
Well Location and Acreage Dedication Plat

Section A. Cartwright Mandel Co.

Date May 5, 1959

Operator ~~Charles S. Carter~~ Lease Northeast Hogback State of New Mexico
Well No. 1 Unit Letter A Section 16 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 80 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:

Owner

Land Description

Section B

D	C	B	A Well No. 1-330 365
F	F	G	H
I	K	J	<div>RECEIVED MAY 7 1959 OIL CON. COM. DIST. 3</div>
M	N	O	

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)

R. F. Schubert Jr.

(Representative)

907 Hallett Creek

Address

Harlingen well med.

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. Potat

Registered Professional Engineer and Land Surveyor

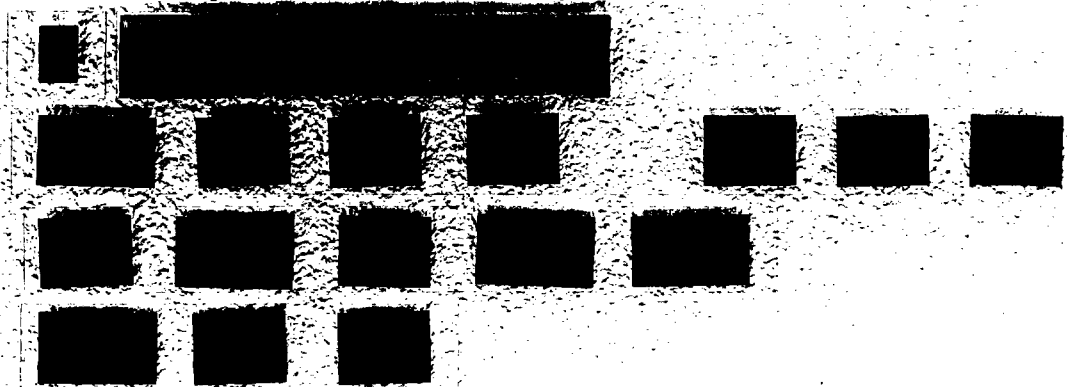
Certificate No. 21

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 QUINTUPPLICATE. 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 S. Carter No. 11~~
(Company or Operator)

Carter + Mandel Co.

NE Hogback State Of New Mex
(Lease)

Well No. 1, in 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. E-9991

If patented land the owner is

Address

We propose to drill well with drilling equipment as follows: Drill and Complete With Filling, 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.

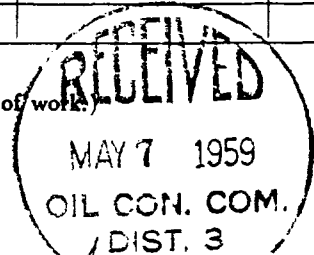
CASING PROGRAM

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)



Approved MAY 3 1959
Except as follows:

Sincerely yours,

Carter + Mandel

~~Charles S. Carter~~
(Company or Operator)

By Robert J.

Position Agent

Send Communications regarding well to

Name

Address

OIL CONSERVATION COMMISSION

By A. R. Hendrick

P1

NEW MEXICO OIL CONSERVATION COMMISSION
Well Location and Acreage Dedication Plat

Section A. Carter + Mendel Co.

Date May 5, 1959

Operator ~~Charles S. Carter~~ Lease Northeast Hogback State of New Mexico
Well No. 1 Unit Letter A Section 16 Township 30 N Range 10 W N.M.P.M.
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:

Owner

Land Description

Section B

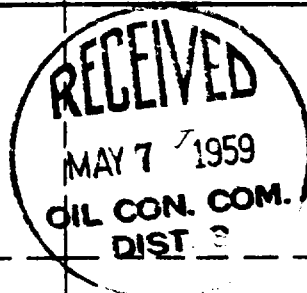
D	C	B	A <i>Well No. 1 - 330</i>
F	E	G	H
I	K	J	
M	L	N	P

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. [Signature]
(Representative)

907 Hillside Circle, 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 18, 1959

C. L. Paton
Registered Professional Engineer and/or Land Surveyor

Certificate No. 24

(See instructions for completing this form on the reverse side.)

WELL RECORD

AREA 640 ACRES
LOCATE WELL CORRECTLY

OIL SANDS OR ZONES

IMPORTANT WATER SANDS

CASING RECORD

MUDDING AND CEMENTING RECORD

RECORD OF PRODUCTION AND STIMULATION

Result of Production Stimulation..... Flowed back 508 barrels of load oil during first 24 hours open.
Swabbed 285 barrels of load oil. Installed pump and pumped 75 barrels of load oil
during first 24 hours. Well decreased immediately to Depth Cleaned Out.....
2 Barrels per day and decreased further to negligible amounts.

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 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; lt. gray, fine-grained sandstone beds with black silty shale beds.				
1386	1406	20	Black silty Mancos shale.				

STATE OF NEW MEXICO	
OIL CONSERVATION DEPARTMENT	
AZTEC DISTRICT OFFICE	
NUMBER OF COPIES RECEIVED	2
DATE	7/26/60
SANTA FE	FILE
FILE	FILE
TRANS-PORT	OIL
OPERATION	FILE

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.

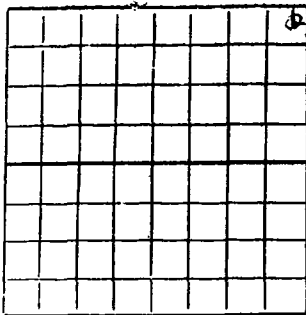
July 26, 1960

Company or Operator: Carter A. Mandel Co.

Address: 410 Lubbock National Building
Lubbock, Texas

Name: R. E. Roberts, Jr. Agent

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
(Company or Operator)

NE Hogback - State
(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
<u>7 5/8</u>	<u>24.8</u>	<u>New</u>	<u>44</u>	<u>Baker</u>			<u>Surface</u>
<u>4-1/2</u>	<u>9.50</u>	<u>"</u>	<u>1406</u>	<u>"</u>			<u>oil String</u>

MUDDING AND CEMENTING RECORD

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

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.
1403
Depth Cleaned Out _____

(27)

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
no % was oil; no % was emulsion; no % water; and none % was sediment. A.P.I.
42 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.
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 Agent.
Position Title

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
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

29

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

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

1a. TYPE OF WELL	OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/>
b. TYPE OF COMPLETION	NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFFERENTIAL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> Re-entry

7. Unit Agreement Name
8. Farm or Lease Name
N.E. Hogback State NM.
9. Well No.
1

2. Name of Operator
ABBOTT VENTURES
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	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)
5/6/59 11-84	6/11/59 11-2-84	12/28/84 1-25-85	5319' GR
20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By
1406'	1401'		Rotary Tools 0-1406'

19. Elev. Casinghead
5321'
25. Was Directional Survey Made
No

24. Producing Interval(s), of this completion - Top, Bottom, Name
1200' - 1222', Upper Gallup 1236' - 1250' Lower Gallup
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	30. TUBING RECORD
SIZE	SIZE
TOP	DEPTH SET
BOTTOM	PACKER SET
SACKS CEMENT	
SCREEN	
	2 3/8"
	1237'
	None

31. Perforation Record (Interval, size and number)	ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
1200' - 1222' 43 PF	DEPTH INTERVAL
1236' - 1250' 43 PF	AMOUNT AND KIND MATERIAL USED
	1200' 1250' SOF: 38,000 gal oil
	18,000 # sand (1959)

33. PRODUCTION		
Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. or Shut-in)
1-25-85	Pumping (1 1/2" X 8')	Shut in
Date of Test	Hours Tested	Choke Size
2/10/85	7 Day	
Prod'n. For Test Period	Oil - Bbl.	Gas - MCF
	8	TSTM
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate
		1.14
Oil - Bbl.	Gas - MCF	Water - Bbl.
		0.8
Oil Gravity - API (Corr.)		41°

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 <u>Raph Abbott</u> TITLE <u>Operator</u> DATE <u>2-20-85</u>

30



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

January 22, 1985

TONEY ANAYA
GOVERNOR

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

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

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JAN 24 1985

OIL CON. DIV.
DIST. 3

(31)

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U.S.G.S.	
LAND OFFICE	
OPERATOR	

3a. 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 UP 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 A 330 FEET FROM THE East 365 THE North LINE, SECTION 16 TOWNSHIP 30N RANGE 16W NMPM.	10. Field and Pool, or Wildcat Horseshoe Gallup
15. Elevation (Show whether DF, RT, GR, etc.) 5319' 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"/>	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 LOG <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 1193.

10/31/84: MIPU
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.

RECEIVED
OIL CON. DIV.
DIST. 3

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.		
SIGNED: <u>Frank Abbott</u>	TITLE: <u>Owner/Operator</u>	DATE: <u>12/18/84</u>
APPROVED BY: <u>Original Signed by FRANK J. CHAVEZ</u>	TITLE: <u>SUPERVISOR DISTRICT # 3</u>	DATE: <u>JAN 29 1985</u>
CONDITIONS OF APPROVAL, IF ANY:		

37

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	
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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
Name of Operator Abbott Ventures	8. Farm or Lease Name NE Hogback State NM
Address of Operator 1808 Knudsen Av. Farmington, NM 87401	9. Well No. 1
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.	10. Field and Pool, or Wildcat Horseshoe Gallup
11. 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 <input checked="" type="checkbox"/> Re-enter	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <input type="checkbox"/>

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 perms.
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 Abbott TITLE OWNER / OPERATOR DATE 8-30-84

APPROVED BY Original Signed by FRANK T. CHAVEZ TITLE SUPERVISOR DISTRICT # 3 DATE 10-11-10

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.

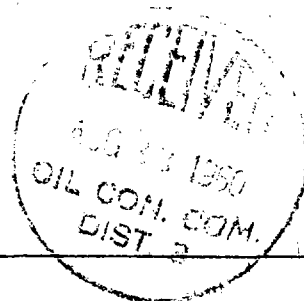
The above named well was plugged in the following manner:

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

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 **Original Signed Emery C. Arnold**

Name

Title
Supervisor Dist. # 3Position **A. P. Roberts, Jr., Agent**Date
AUG 8 3 1960Company
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 4 1960 8-4, 1960
except at follows:

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

Carter & Mandel Co.
Company or Operator
By [Signature]
A. F. Roberts, Jr., Agent
Position Send communications regarding well to
Name A. F. Roberts, Jr.
Address 705 Citizens National Bank Building
Abilene, Texas

35

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	<input checked="" type="checkbox"/>	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 (Unit)
(Company or Operator) Lease
~~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..... AUG 5 1959
Except as follows:....., 19.....

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

~~Carter Mandel Co.~~
By.....
Position.....
Send Communications regarding well to:
Name A.F. Roberts Jr
Address 907 Hallett Circle, Farmington New Mex.

(36)

DISTRIBUTION	
SANTA FE	
FILE	
J.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PRODUCTION 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

RECEIVED
FEB 27 1985
OIL CON. DIV
DIST. 3

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: Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>
Recompletion <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>
Change in Ownership <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 NE Hogback State NM	Well No. 1	Pool Name, including Formation 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	NMFM, San Juan	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"/> Gary Energy, 115 Inverness Dr. East	Address (Give address to which approved copy of this form is to be sent) Englewood, CO 80112-5116	
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 A	Sec. 16
	Twp. 30N	Rge. 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 <input checked="" type="checkbox"/>	Gas Well <input type="checkbox"/>	New Well <input checked="" type="checkbox"/>	Workover <input type="checkbox"/>	Deepen <input type="checkbox"/>	Plug Back <input type="checkbox"/>	Same Res'v. <input type="checkbox"/>	Diff. Res'v. <input type="checkbox"/>
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' 4JSPP, 1236'-1250' 4JSPP					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.

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

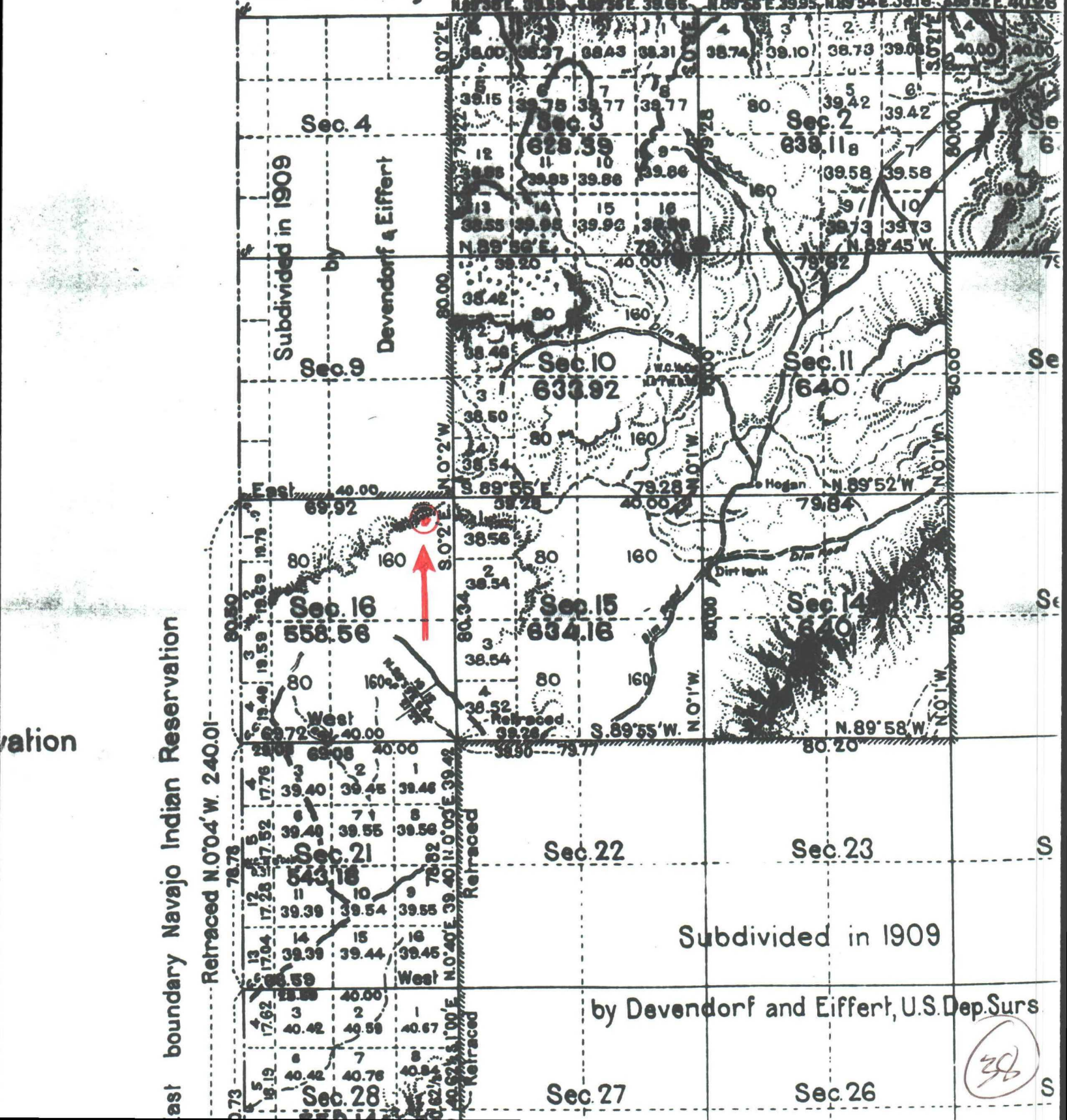
OIL CONSERVATION COMMISSION
3-7-85
APPROVED
MAR - 7 1985
BY
Original Signed by FRANK T. CHAVEZ
SUPERVISOR DISTRICT # 3

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

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Abbott Ventures
NE Hogback State NM #1 (4-675b) A-16-30N-16W

NORTH RANGE NO 16 WEST OF THE NEW MEXICO PR South Bdy. Southern Ute Indian Reservation



30045 9592

PRINCIPAL: ABBOTT VENTURES 135

SURETY: Allied Fidelity Insurance Co. 26114

BOND NO.: FS136035 40 N 50 S 23

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



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

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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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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

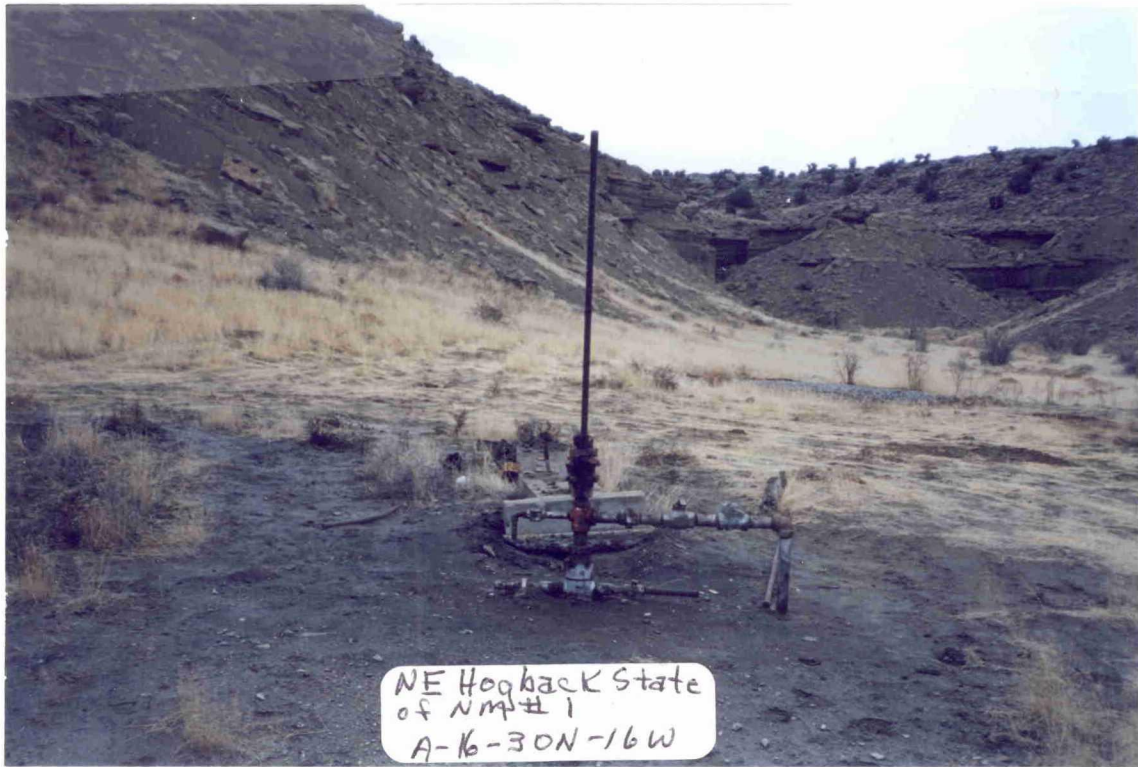
	U/L	Sec	Township	Range	North/South	East/West	Lot	Idn
	---	---	-----	-----	-----	-----	-----	-----
Surface Locn :	A	16	30N	16W	FTG	365 F N	FTG	330 F E
API County :	45	San Juan						

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



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

Z 765 962 528



**Receipt for
Certified Mail**

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

PS Form 3800, March 1993

Sent to ABBOTT VENTURES	
Street and No. C/O RALPH ABBOTT	
P.O., State and ZIP Code 3013 N. 100 WEST	
Postage PROVO UT 84604 \$	
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	

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

SECTION 1: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.
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. (Extra charge) 2. ☐ Restricted Delivery (Extra charge)

3. Article Addressed to: ABBOTT VENTURES C/O RALPH ABBOTT 3013 N. 100 WEST PROVO, UT 84604	4. Article Number Z 765 962 528 Type of Service: <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise Always obtain signature of addressee or agent and DATE DELIVERED.
5. Signature — Address X	8. Addressee's Address (ONLY if requested and fee paid)
6. Signature — Agent X <i>Paul Abbott</i>	
7. Date of Delivery DEC 26 1993	

PS Form 3811, Mar. 1988

* U.S.G.P.O. 1988-212-865

DOMESTIC RETURN RECEIPT