

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

JAN 1 1938

MISCELLANEOUS NOTICES

20
DEC 30 1937

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 its 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	X
NOTICE OF INTENTION TO REPAIR WELL	NOTICE OF INTENTION TO PLUG WELL	
NOTICE OF INTENTION TO DEEPEN WELL		

Bueyeros, New Mexico

as soon as
permission is
granted.

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 Head and Miller Well

Head and Miller, F. C. Debaca Lease Well No. 1 in _____
Company or Operator Lease
of Sec. 31, T. 31 E., R. 20 N., N. M. P. M., Bueyeros Field,
Harding County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION.
The above well was finished on October 6th, 1937, and capped in accordance with the rules and regulations of the Conservation Commission of New Mexico, six inch casing being set at 1916 feet and cemented with thirty-five sacks of cement, the work being done by the Halliburton Oil Well Cementing Company of Borger, Texas, under the supervision of a representative from the Conservation Commission. The cement was forced back up behind the six and five-eighths casing by the circulating method used to approximately 1700 feet which included the lower portion of the eight inch casing which was set at 1719 feet, the eight and one-quarter inch casing, not being set to cut off water but to prevent caving. Before setting the eight and one-quarter casing, having in mind to pull the portion of eight inch casing, the driller run a ripper or a collarbuster down inside the eight inch casing to a depth of 1018 feet and proceeded to rip or burst a collar on the eight and one-quarter casing without interfering with the other 700 feet which is partly cemented. I also desire to pull the entire string of ten inch which was set at approximately 900 feet; also, the 12½ inch which was set at approximately 475 feet, there being 76 feet of 15½ inch casing in the top of the well which represents the surface string, which is cemented with 41 sacks of cement. It is my desire to leave the surface string,

Approved Jan 3 1938

except as follows:

Company or Operator

By _____

Position _____

Send communications regarding well to

Name _____

Address _____

OIL CONSERVATION COMMISSION,

By Arthur St. JohnTitle Arthur St. John

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS NOTICES

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NOTICE OF INTENTION TO REPAIR WELL	NOTICE OF INTENTION TO PLUG WELL
NOTICE OF INTENTION TO DEEPEN WELL	

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 _____

_____ Well No. 2 in _____
 _____ Company or Operator _____ Lease _____
 of Sec. 2, T. 2, R. 2, N. M. P. M., _____ Field,
 _____ County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION which is required by the Conservation Commission to be left in the well, in the well. It is my desire to work with and under the instructions of the Conservation Commission at all times while pulling the casing above referred to. If it be permissible to pull these three strings of casing it is my purpose and intention, after pulling that portion of the 8 $\frac{1}{4}$ inch that I may be able to pull, to cement or mud the hole with adobe mud, which I am told may be used in place of cement, up to the bottom of the ten inch string; then proceed to pull the ten inch and mud or cement the hole up to the bottom of the 12 $\frac{1}{2}$ inch; then proceed to pull the 12 $\frac{1}{2}$ inch and when that is finished, to mud or cement the hole to the bottom of the cellar, which will be the top of the 15 $\frac{1}{2}$ inch or the surface string of casing. This matter, I had up with Mr. Levine, the attorney for the Conservation Commission while in Santa Fe Monday morning, and asked him in turn when the application came in, if he would be kind enough to explain my purpose and intention to the Conservation Commission ~~and~~ secure ^{ing} my permit for pulling the above mentioned casing.

Approved Jan 3 1937
 except as follows:

HEAD AND MILLER

By J. W. Head Company or Operator
 Position Partner

Send communications regarding well to

Name J. W. Head, M. D.
 Address 115 East Fifth Street
Borger, Texas

OIL CONSERVATION COMMISSION,

By _____
 Title Secretary

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth Set _____
 Adapters—Material _____ Size _____

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT

Results of shooting or chemical treatment _____

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 _____ feet, and from _____ feet to _____ feet.
 Cable tools were used from **2041** feet to **2142** feet, and from _____ feet to _____ feet.

PRODUCTION

Put to producing **Closed in 12-11-38.**, 19____
 The production of the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ %
 emulsion; _____ % water; and _____ % sediment. Gravity, Be _____
C. O. 2, If gas well, cu. ft. per 24 hours **1,056,000** Gallons gasoline per 1,000 cu. ft. of gas _____
 Rock pressure, lbs. per sq. in. **500**

EMPLOYEES

H. L. Dennelly

_____, Driller _____, Driller
 _____, Driller _____, Driller

FORMATION RECORD ON OTHER SIDE

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.

Subscribed and sworn to before me this **30**
 day of **December, 1938.**, 19____

Sara B. Hughes
 Notary Public

My Commission expires **June 28, 1941**

Canon City, Colorado. Dec. 30, 1938

Place _____ Date _____
 Name *H. L. Dennelly*
 Position **Contractor**
 Representing **Cole-Mex. Gas Co.**
 Company or Operator.
 Address **Canon City, Colorado.**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
2041	2056	15	Red Shale
2056	2064	8	Granite Wash
2064	2070	6	Red Shale
2070	2075	5	Red Shale
2075	2079	4	Red Shale
2079	2081	2	Red Shale
2081	2086	5	Red Shale
2086	2094	8	Red Shale
2094	2100	6	Granite Wash
2100	2104	4	Granite Wash
2104	2109	5	Granite Wash
2109	2113	4	Granite Wash
2113	2117	4	Granite Wash
2117	2121	4	Granite Wash
2121	2125	4	Granite Wash
2125	2127	2	Granite Wash
2127	2130	3	Granite Wash
2130	2133	3	Granite Wash
2133	2139	6	Granite Wash
2139	2140	1	Granite Wash
2140	2142	2	Granite Wash

Drilling was stopped at this point and the
well closed in after measuring.

Measurement showing 1,056,000 CW. Ft. CO₂ Gas.

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

MISCELLANEOUS NOTICES

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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	X
NOTICE OF INTENTION TO REPAIR WELL		NOTICE OF INTENTION TO PLUG WELL	
NOTICE OF INTENTION TO DEEPEN WELL			

Tucumcari N. M.

11/28/49

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 _____

ICECO, INC., _____ De Baco _____ Well No. 2 in _____
Company of Operator _____ Lease

of Sec. 31, T. 20, R. 31, N. M. P. M., _____ Harding county Co. 2 _____ Field.
Harding county _____ County.

FULL DETAILS OF PROPOSED PLAN OF WORK**FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION**

The six inch casing has rusted out allowing water to fill up the hole. It is our intention to run a string of casing inside the six inch and correct this seepage of water.

The work on this well will be done with cable tools by the J. R. Watson Drilling contractor.

As soon as this work is completed the commission will be notified accordingly.

Approved _____, 19____
except as follows:

OIL CONSERVATION COMMISSION,

By R. R. Goussier

Title _____

Iceco Inc.
Company or Operator

By R. R. GoussierPosition Pres.

Send communications regarding well to

Name Iceco Inc.Address Marion BldgTucumcari New Mex

OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	X
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL			

January 19, 1950

Date

Tucumcari, New Mexico

Place

OIL CONSERVATION COMMISSION,
SANTA FE, NEW MEXICO
Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the _____

ICECO, INC.

DEBACA

Well No. 2 in the

Company or Operator

Lease

of Sec. 31, T. 20, R. 31, N. M. P. M.,

Harding County CO₂ Field, Harding County.

The dates of this work were as follows: 11/28/49 to 1/18/50

Notice of intention to do the work was ~~(was not)~~ submitted on Form C-102 on 11/28 1948

and approval of the proposed plan was ~~(was not)~~ obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

5 3/16" casing run to a depth of 1989, cemented by Halliburton Co. with 150 sacks cement. Cement job did not hold; was re-cemented by Halliburton Co. with 144 sacks; cement job held. Well came in dry of water with good flow of gas and with its usual pressure. All surface leaks at well have been eliminated.

Witnessed by C. W. Tudor Iceco, Inc. President
Name Company Title

Subscribed and sworn before me this _____

19th day of January 1950

[Signature]
Notary Public

I hereby swear or affirm that the information given above is true and correct.

Name C. W. Tudor

Position President

Representing Iceco, Inc.

Company or Operator

My commission expires January 18, 1951

Address Tucumcari, New Mexico

Remarks:

Name

Title

OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	X
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL			

January 19, 1950

Date

Tucumcari, New Mexico

Place

OIL CONSERVATION COMMISSION,
SANTA FE, NEW MEXICO

Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the _____

ICECO, INC.

DEBACA

Well No. 2 in the

Company or Operator

Lease

of Sec. 31

T. 20

R. 31, N. M. P. M.,

Harding County CO₂ Field,

Harding County.

The dates of this work were as follows: 11/28/49 to 1/18/50

Notice of intention to do the work was ~~(was not)~~ submitted on Form C-102 on 11/28 1948and approval of the proposed plan was ~~(was not)~~ obtained. (Cross out incorrect words.)

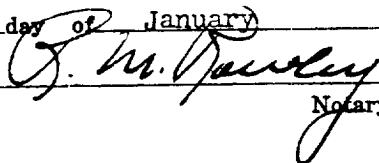
DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

5 3/16" casing run to a depth of 1989, cemented by Halliburton Co. with 150 sacks cement. Cement job did not hold; was re-cemented by Halliburton Co. with 144 sacks; cement job held. Well came in dry of water with good flow of gas and with its usual pressure. All surface leaks at well have been eliminated.

Witnessed by C. W. Tudor Iceco, Inc. President
Name Company Title

Subscribed and sworn before me this _____

19th day of January 1950



Notary Public

I hereby swear or affirm that the information given above is true and correct.

Name

Position

Representing

Company or Operator

My commission expires January 18, 1951.

Address

Tucumcari, New Mexico

Remarks:

Name

Title

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MAIN OFFICE OCC

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		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	X	NOTICE OF INTENTION (OTHER)		NOTICE OF INTENTION (OTHER)	X

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Bueyeros, New Mexico
(Place)

March 22, 1954
(Date)

Gentlemen:

Following is a Notice of Intention to do certain work as described below at the Iceco, Incorporated plant

Iceco, Incorporated De Baca Well No. 2 in _____ (Unit)
(Company or Operator)
NW-NE 1/4 1/4 of Sec. 31, T. 20, R. 31, NMPM, _____ Pool
(40-acre Subdivision)
Harding County.

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

It is our opinion that no cementing whatso-ever should be necessary on this well. However if examination reveals otherwise we shall do what is necessary to put it in good condition.

We also propose to introduce two inch "bleeder strings" in this well at approximately 1989 feet.

Approved APR 2 1954, 19____

Except as follows:

Approval is tentative as program subject to change as well's condition warrants. Notify the O.C.C. of definite plan when decided & Approved dates of work to be done.

OIL CONSERVATION COMMISSION

By Eugene A. Chavez
Eugene A. Chavez
Title Oil & Gas Inspector - Dist. #4

Iceco, Incorporated
Company or Operator
By George L. Secord
Position President
Send Communications regarding well to:
Name George L. Secord
Address 2330 Lawrence Avenue, Chicago 25, Ill.

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MAIN OFFICE OCC

MISCELLANEOUS REPORTS ON WELLS

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON REPAIRING WELL	X
REPORT ON RESULT OF PLUGGING WELL		REPORT ON RECOMPLETION OPERATION		REPORT ON (Other)	

September 23, 1954

(Date)

Bueyeros, N. Mex.

(Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Iceco Inc.

(Company or Operator)

Norman Libby

(Lease)

Cox Drilling Co.

(Contractor)

De Baca

2

Well No. in the NW 1/4 NE 1/4 of Sec. 31

T. 20 N, R. 31 E, NMPM, Bueyeros Co., Pool, Harding County.

The Dates of this work were as follows: September 8, 1954 to September 12, 1954

Notice of intention to do the work (was) (was not) submitted on Form C-102 on _____, 19____.

(Cross out incorrect words)

and approval of the proposed plan (was) (was not) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Detail of work in Following page

Witnessed by _____ (Name) _____ (Company) _____ (Title)

Approved:

OIL CONSERVATION COMMISSION

Eugene A. Chaves (Name)

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

Name

Position

Representing

Address Box 141, Mosquero, New Mexico

Repairs on De Baca #2

Results of work done in the period from September 8, 1954 to September 12, 1954.

All Rig work which was a (Walker Neer) cable tool, contractor Cox Drilling Co. of Borger, Texas, Mr. Bob Cox Manager.

Opened Well found a bridge below production string. Drilled out bridge which was shutting off some of the gas flow. Very little mud and water in well.

Hole was cleared to 2118 feet where there was still a part of a pipe liner which was put in well some time ago. Some of the liner was apparently pulled, and some of it was left in well.

A perforated liner of 4 inch of 140 feet was put in well.

Also a bleeder string was put in well of 140 feet of 1 inch pipe. 1955 feet of 2 inch upset tubing, making a total of 2095 feet of bleeder string.

Well is again in production.

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Form C-110
Revised 7/1/55

(File the original and 4 copies with the appropriate district office)

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator SCHWARTZ CARBONIC COMPANY Lease NORMAN W. & ESTER LIBBY
DE BACA
Well No. #2 Unit Letter B S 31 T 20 R 31 Pool Lower Permian

County Harding Kind of Lease (State, Fed. or Patented) _____

If well produces oil or condensate, give location of tanks: Unit S T R

Authorized Transporter of Oil or Condensate _____

Address _____

(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas _____

Address _____

(Give address to which approved copy of this form is to be sent)

If Gas is not being sold, give reasons and also explain its present disposition:

Gas is being converted to solid form from CO2 wells.

Reasons for Filing: (Please check proper box) New Well ()

Change in Transporter of (Check One): Oil () Dry Gas () C'head () Condensate ()

Change in Ownership (X) Other ()

Remarks: (Give explanation below)

Purchased from Richard Rex Parkin, Trustee in Bankruptcy, Iceco, Inc.

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 17 day of October 19 56

By J. T. CROW

Title Plants Manager

Approved MAR 29 1957 19 57

OIL CONSERVATION COMMISSION

Company Schwartz Carbonic Co.

By DANIEL S. NUTTER
Title Petroleum Engineer

Address P. O. Box 1702

El Paso, Texas

NO. OF COPIES RECEIVED

DISTRIBUTION

SANTA FE

FILE

U.S.G.S.

LAND OFFICE

OPERATOR

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease

State ☐Fee ☒

5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1.

OIL
WELL ☐GAS
WELL ☒

OTHER-

(CO₂ Gas)

7. Unit Agreement Name

2. Name of Operator

Schwartz Carbonic Company

8. Farm or Lease Name

Norman W. & Ester Libby

3. Address of Operator

P. O. Box 9737, El Paso, Texas 79987

9. Well No.

De Baca #2

4. Location of Well

UNIT LETTER B 610 FEET FROM THE North LINE AND 1940 FEET FROMTHE East LINE, SECTION 31 TOWNSHIP 20N RANGE 31E NMPM.

10. Field and Pool, or Wildcat

Bueyeros CO₂

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

12. County

Harding

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐PLUG AND ABANDON ☐REMEDIAL WORK ☐ALTERING CASING ☐TEMPORARILY ABANDON ☐COMMENCE DRILLING OPNS. ☐PLUG AND ABANDONMENT ☐PULL OR ALTER CASING ☐CHANGE PLANS ☐CASING TEST AND CEMENT JOBS ☒OTHER ☐OTHER ☐

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.

On May 10, 1968 ran 2 3/8" E.U.E. tubing inside old 5 1/2" casing to 1958' and cemented string in to surface with 425 cu. ft. pozmix in effort to seal leaks in old casing. Found cement in the 2" and cleaned out to bottom of string, then milled below on junk and cement to 1979'. Ran GR-N log to bottom and perforated w/20 shots from 1961-68'. Log tops - Abo sand 1961', Anhydrite Marker 1928'. Well produced only a non-commercial amount of CO₂. S.I.

(Old Data: T.D. 2142', 7" casing set to ?, 5 1/2" casing set at 1987' and cemented with 148 sags and another 144 sags, 4 1/2" liner from 1978-2118')

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

SIGNED

TITLE Manager-ProductionDATE 2/1/75

APPROVED BY

TITLE SENIOR PETROLEUM GEOLOGISTDATE 2/20/75

CONDITIONS OF APPROVAL, IF ANY:

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

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

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

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. ☐ OIL WELL ☒ GAS WELL ☐ OTHER- (CO ₂ Gas)		7. Unit Agreement Name
2. Name of Operator Schwartz Carbonic Company		8. Farm or Lease Name Norman W. & Ester Libby
3. Address of Operator P. O. Box 9737, El Paso, Texas 79987		9. Well No. De Baca #2
4. Location of Well UNIT LETTER <u>B</u> <u>610</u> FEET FROM THE <u>North</u> LINE AND <u>1940</u> FEET FROM THE <u>East</u> LINE, SECTION <u>31</u> TOWNSHIP <u>20N</u> RANGE <u>31E</u> NMPM.		10. Field and Pool, or Wildcat Bueyeros CO ₂
15. Elevation (Show whether DF, RT, GR, etc.)		12. County Harding

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data			
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOB ☒	OTHER ☐

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.

On May 10, 1968 ran 2 3/8" E.U.E. tubing inside old 5 1/2" casing to 1958' and cemented string in to surface with 425 cu. ft. pozmix in effort to seal leaks in old casing. Found cement in the 2" and cleaned out to bottom of string, then milled below on junk and cement to 1979'. Ran GR-N log to bottom and perforated w/20 shots from 1961-68'. Log tops - Abo sand 1961', Anhydrite Marker 1928'. Well produced only a non-commercial amount of CO₂. S.I.

(Old Data: T.D. 2142', 7" casing set to ?, 5 1/2" casing set at 1987' and cemented with 148 sags and another 144 sags, 4 1/2" liner from 1978-2118')

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

SIGNED <u>J. T. Cress</u>	TITLE <u>Manager-Production</u>	DATE <u>2/1/75</u>
APPROVED BY <u>Carl Ulvog</u>	TITLE <u>SENIOR PETROLEUM GEOLOGIST</u>	DATE <u>2/20/75</u>
CONDITIONS OF APPROVAL, IF ANY:		

NEW MEXICO SCHOOL OF MINES
STATE BUREAU OF MINES AND MINERAL RESOURCES
SOCORRO, NEW MEXICO

NEW MEXICO WELL LOG DIVISION

COUNTY **Harding**
FIELD **Bueyeros**
COMPANY **Head and Miller**
LEASE **De Baca** No. 1 Well
LOCATION (¼) **NE NW**
SEC. **31** T. **20 N.** R. **31 E.**

CASING RECORD		ELEVATION		FEET		feet from		line and	
Diam., in.	Bottom	INITIAL DAILY PRODUCTION:				feet from		line of Section	
15½"	76'	Open	Reported 36,000,000	bbls. Oil	COMMENCED	4-1-37			
12½"	460'	Open		cu. ft. Gas	COMPLETED	9-4-37			
10"	888'	Tbg.		bbls. Oil	ABANDONED				
8½"	1718'	Tbg.		cu. ft. Gas	REMARKS:				
6" Csg.	1945'								

FORMATION	BOTTOM, FEET	FORMATION	BOTTOM, FEET
Wash	30	White sand	1105
Gravel, water sand	33	Gray lime	1190
Mud, red	53	Gray lime	1210
Red shale	76	Brown lime	1265
Red pink shale	87	Red sand	1280
Gray shale	125	Lime sandy	1305
Brown shale	205	Red shale	1315
Red sand	225	Sandy lime	1337
Gray water sand	247	Lime shale water	1402
Red shale	255	Sandy lime brown	1415
Blue shale	275	Blue shale	1438
Hard sand	304	Sandy shale	1446
Red shale	330	White lime	1455
Blue shale	340	Sand brown water	1470
Pink shale	385	White sand	1545
Brown shale	405	Hard lime	1560
Blue shale	450	Sand water	1570
Blue shale	475	Brown lime	1590
Red shale	516	Sandy gray lime	1650
Gray sand	558	Gray lime	1675
Red shale	565	Gray lime	1703
Sandy shale	585	Gas---red sand	1710
Gas---gas sand	590	Water	
Sand broken	630	Red sandy shale	1908
Blue shale	640	Red sand	1945
Gray lime	680	Gas---lime gas	1960
Red shale	710	Gas---red shale	1970
Red shale	795	Sandy shale	1993
White shale	805	Gas	2000
Lime	820	Red sandy shale	2027
Water	860	Gas	2041
Gray shale	865		
Gas---red sand	875		
Hard white sand	888		
Hard white sand	940		
Gray shale	945		
Blue shale	965		
White sand	990		
Water sand	1060		
Blue shale	1065		
Sandy lime hard	1070		