GW - 19

GENERAL CORRESPONDENCE

YEAR(S):

1959-1958

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Revised 7/1/55

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

R.L.G.E. 1167 F
DEC 8 1959
CL. C. C.
ARTESIA, OFFICE

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Company or Operator Arrow Gas Company Lease # BL - 96

Well No. 1-2-3 Storage for LPG Unit Letter 22 S 17S T 29 ER Pool

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

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

Authorized Transporter of Oil or Condensate

Address Box 1294, Roswell, N. M.

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

Authorized Transporter of Gas

Address Date Connected

(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:

Under Ground Storage for Liquefied Petroleum Gas.

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

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

Change in Ownership (XX) Other ( )

Remarks: (Give explanation below)

Change in ownership from Sacra Brothers Co. to Arrow Gas Company
$10,000 Blanket Plugging Bond # 17196

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

Executed this the 7th day of December 1959

By T. J. Murray T J Murray

Title Secretary

Company Arrow Gas Company

Address Box 1294, Roswell, N. M.

Approved DEC 8 1959 19

OIL CONSERVATION COMMISSION

By M L Armstrong

Title OIL AND GAS INSPECTOR

N.

AREA 640 ACRES
LOCATE WELL CORRECTLY

L. P. G. Storage well

RECEIVED
JUN 23 1953
Oil Cons. Comm.
Artesia Office

Checked 7/1/52
(Form C-105)

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.

Sacra Brothers Co. (Company or Operator) Leonard-State (Lease)

Well No. 1, in NW ¼ of SW ¼, of Sec. 22, T. 17S, R. 29E, NMPM.

Pool, Eddy County.

Well is 1193 feet from west line and 2069 feet from south line of Section 22. If State Land the Oil and Gas Lease No. is

Drilling Commenced May, 1952. Drilling was Completed May, 1952.

Name of Drilling Contractor Olen P. Featherstone

Address Booker Building Artesia, N. M.

Elevation above sea level at Top of Tubing Head 3544.40 The information given is to be kept confidential until , 19

OIL SANDS OR ZONES

No. 1, from to No. 4, from to

No. 2, from to 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.

OIL CONSERVATION COMMISSION
NOV 1 6 1953

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
7"OD	20#	New	439	Texas Pat.			

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 5/8	7"OD	439	75	Halliburton		

RECORD OF PRODUCTION AND STIMULATION

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

Result of Production Stimulation

Depth Cleaned Out

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 6577'7" 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	
T. San Andres		T. Granite		T. Dakota	
T. Glorieta		T.		T. Morrison	
T. Drinkard		T.		T. Penn	
T. Tubbs		T.		T.	
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	70	70	Sandstone				
70	350	280	Gypsum and Selenite				
350	410	60	Halite-SomePolyhalite				
410	439	29	No samples				
439	441	2	Halite-some brown clay				
441	442	1	Anhydrite				
442	443	1	Brown clay				
442	459	7	Halite-very little clay				
459	461	2	Polyhalite				
461	488	17	Halite				
488	502	14	Halite-some polyhalite				
502	514	12	Anhydrite				
514	516	2	Gray caly				
516	669	153	Halite				
669	672	3	Anhydrite-Polyhalite				
672	673	1	Brown clay-Halite				
673	676	3	Polyhalite-Anhydrite				

OIL CONSERVATION COMMISSION
ARTESIA DISTRICT OFFICE
No. Copies Received 6
DISTRIBUTION

	No. Furnished	
Operator		
Santa Fe	1	✓
Proration Office		
State Land Office	1	
U. S. G. S.	2	
Transporter		
File		
B. of Mines	1	

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.

June 10, 1953 (Date)

Company or Operator Sacra Brothers Co. Address 402 North First Artesia, N. M.

Name [signature] Position or Title Gen. Mgr.

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

Oil Cons. Com. Artesia, N. M. 1953

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	
REPORT ON RESULT OF PLUGGING WELL		REPORT ON RECOMPLETION OPERATION		REPORT ON (Other)	x

June 10, 1953 (Date) Artesia, N. M. (Place)

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

Sacra Brothers Co. (Company or Operator) (Lease)

Olen F. Featherstone (Contractor), Well No. 1 in the NW ¼ SW ¼ of Sec. 22,

T. 17S, R. 29E, NMPM., Pool, Eddy County.

The Dates of this work were as folows: May, 1952

Notice of intention to do the work ~~(was)~~ (was not) submitted on Form C-102 on (Cross out incorrect words), 19,

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

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Drilled into Cowden Anhydrite and set 7" OD casing just above lower salt section. Circulated cement to to p. Drilled to bottom of lower salt section, and ran 3" tubing. Circulated fresh water in lower salt section to create cavity of 500,000 gallons. Cavity was loaded with 483,000 gallons of propane in October and unloaded in February and March. Beginning in August will be washed again until capacity reaches 1,000,000 gallons.

OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO. NOV 16 1953

Witnessed by B. N. Muncy, Jr. (Name) Sacra Brothers Co. (Company) Gen. Mgr. (Title)

Approved: OIL CONSERVATION COMMISSION

L. A. Hanson (Name)

OIL AND GAS INSPECTOR (Title) (Date)

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

Name [signature]

Position Gen. Mgr.

Representing Sacra Brothers Co.

Address 402 North First Artesia, N. M.

RECEIVED
JUL 7 1953
Oil Cons. Comm.
Artesia, Ofc.

Company Sacra Bros

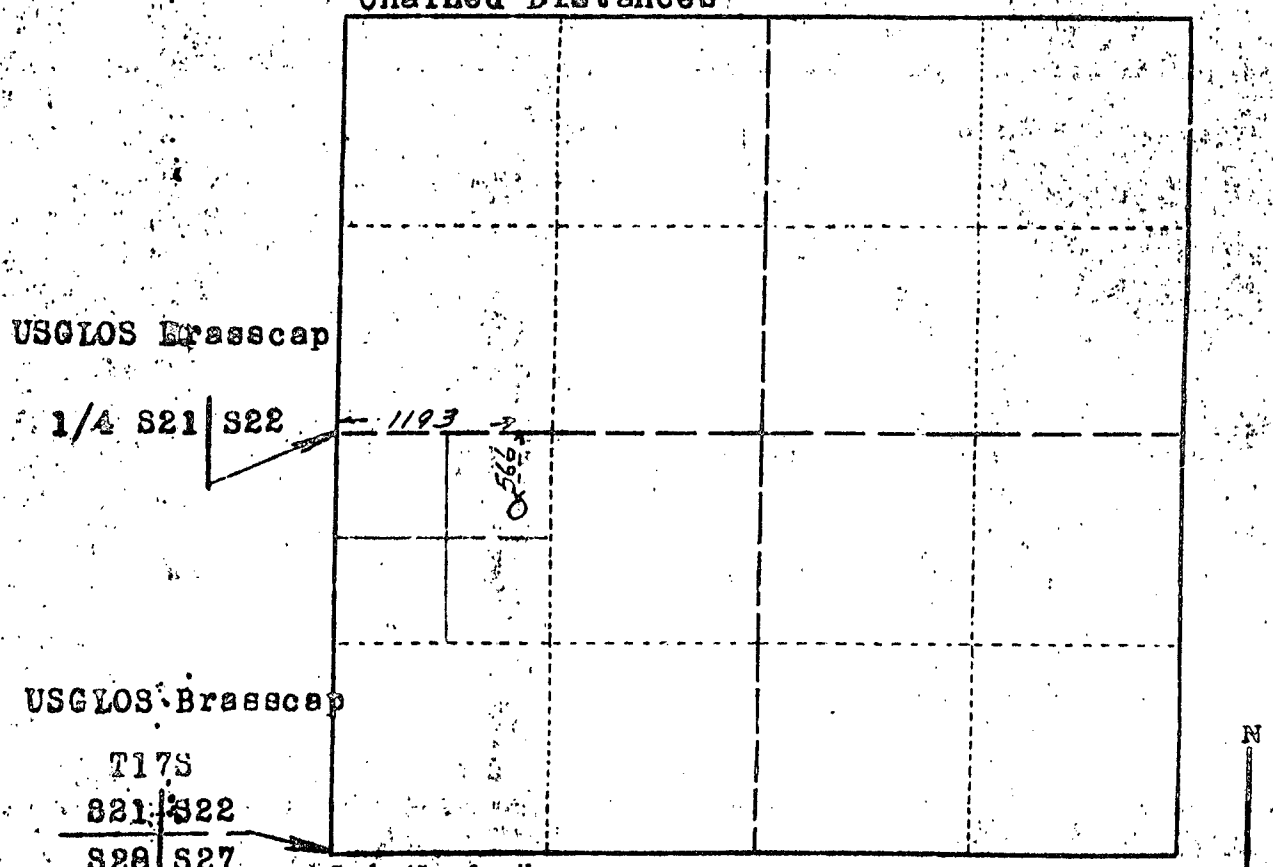
Lease Leonard-State Well No. 1

Sec. 22 T. 17 S., R. ~~28~~ 29 E., N.M.P.M.

Location NE¼NW¼SW¼ (1193' fr WL & 2069' fr SL)

County Eddy, New Mexico

Chained Distances



Scale 4" = 1 mile.

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

John A. Mustain Jr.
Registered Professional Engineer and Land Surveyor.

Seal:

Artesia, New Mexico

Surveyed June 1, 1953

17582 Advocate Print

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

NOV 16 1953

STATE OF NEW MEXICO)
: SS.
COUNTY OF BERNALILLO)

I, ADA DEARNLEY, hereby certify that the above and foregoing transcript of proceedings in Case No. 523, taken before the Oil Conservation Commission on March 17, 1953, at Santa Fe, New Mexico, is a true and correct record.

Dated in Albuquerque, New Mexico, this 25th day of March, 1953.

Ada Dearnley
Notary Public

My Commission Expires:
June 19, 1955.

SUBJECT: STORAGE OF LIQUEFIED PETROLEUM GAS NOVEMBER 10, 1953

APPLICATION OF SACRA BROTHERS COMPANY FOR PERMISSION TO DRILL A WELL FOR THE STORAGE OF LIQUEFIED PETROLEUM GAS IN NW/4 SW/4 SECTION 22, TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM, EDDY COUNTY, NEW MEXICO.

ORDER NO. LPG-5

ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION COMMISSION

Under the provisions of Order No. R-313 in Case 523, and Rule 705 of the Commission's Rules and Regulations established thereunder, Sacra Brothers Company made application to the Commission on October 29, 1953, for authority to drill an LPG-storage well in NW/4 SW/4 Section 22, Township 17 South, Range 29 East, NMPM, Eddy County, New Mexico, and

The Secretary - Director Finds:

(1) That application has been duly filed in proper form under the provisions of Rule 705;

(2) That satisfactory information has been provided that all operators of offset acreage within a one-half mile radius of the proposed well have been notified of the operators intention; and

(3) That no objections have been received within the ten-day waiting period as prescribed by said rule.

IT IS THEREFORE ORDERED:

That the applicant herein, Sacra Brothers Company, be and it hereby is authorized to complete its projected LPG storage well in NW/4 SW/4 Section 22, Township 17 South, Range 29 East, NMPM, Eddy County, New Mexico, as a storage well for liquefied petroleum gas;

That the effectiveness of this order is conditional upon the stipulation that the well be drilled to an approximate depth of 675', as set forth in operator's application, at which point a storage cavity will be washed out in the salt section for the specified use; further, that the Commission's approval be secured through Form C-101, Notice of Intention to Drill, and subsequent actual inspections of the casing operations on said well.

No part of this order shall be construed as relieving Sacra Brothers Company from liability to any person, firm or corporation as a result of the drilling or operation of such storage project.

By authority granted under provisions of Rule 705 of the Commission's Rules and Regulations, this order is issued and approved this 10th day of November, 1953.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

R. R. Spurrier, Secretary-Director

S E A L

12

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Form C-116
Revised 7/1/55

RECEIVED
DEC 8 1959
O. C. C.
ARTESIA, OFFICE

(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 Arrow Gas Company Lease # BL - 96

Well No. [redacted]-3 Storage for LPG Unit Letter 22 S 17S T 29 ER Pool

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

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

Authorized Transporter of Oil or Condensate

Address Box 1294, Roswell, N. M.
(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas

Address Date Connected
(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:
Under Ground Storage for Liquefied Petroleum Gas.

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

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

Change in Ownership (XX) Other ( )

Remarks: (Give explanation below)

Change in ownership from Sacra Brothers Co. to Arrow Gas Company
$10,000 Blanket Plugging Bond # 17196

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

Executed this the 7th day of December 1959

By T. J. Murray T J Murray

Title Secretary

Company Arrow Gas Company

Address Box 1294, Roswell, N. M.

Approved DEC 8 1959 19

OIL CONSERVATION COMMISSION

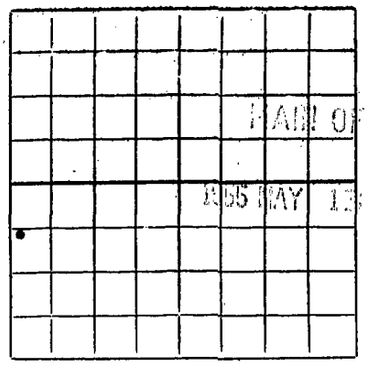
By M L Armstrong

Title OIL AND GAS INSPECTOR

(Revised 7/1/52)
(Form C-105)

RECEIVED
MAY 7 1955
Oil Cons. Comm.
ARTESIA OFFICE

N.



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.

Sacra Broth ers Co. (Company or Operator) Leonard State (Lease)

Well No. 3, in NW ¼ of SW ¼, of Sec. 22, T. 17, R. 29, NMPM.

Pool, Eddy County.

Well is 560 feet from West line and 1975 feet from South line of Section 22. If State Land the Oil and Gas Lease No. is

Drilling Commenced October 10, 1953, 19 Drilling was Completed October 31, 19 53

Name of Drilling Contractor A. F. Smith

Address Artesia, N. M.

Elevation above sea level at Top of Tubing Head 3549.60 The information given is to be kept confidential until , 19

OIL SANDS OR ZONES

No. 1, from to No. 4, from to

No. 2, from to 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 100 to 105 feet.

No. 2, from 115 to 120 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
8 5/8 od	27	New	130' 7"	none		none	water
7 OD	20	New	505' 7"	Texas Pat.		none	

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 5/8	7	505' 7"	398	Halliburton		

RECORD OF PRODUCTION AND STIMULATION

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

Result of Production Stimulation

Depth Cleaned Out

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 0 feet to 680 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
T. San Andres	T. Granite	T. Dakota
T. Glorieta	T.	T. Morrison
T. Drinkard	T.	T. Penn
T. Tubbs	T.	T.
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	5	5	Sand				
5	60	55	Red Beds				
60	80	20	Anhydrite				
80	115	35	Anhydrite				
115	120	5	Blue Clay				
120	135	15	Anhydrite				
135	250	115	Red Bed				
250	260	10	Anhydrite				
260	265	5	Red Bed				
265	275	10	Salt				
275	280	5	Anhydrite				
280	445	165	Salt				
445	452	7	Anhydrite				
452	497	45	Salt				
497	525	28	Anhydrite				
525	675	150	Salt				
675	677	2	Polyhalite				
677	680	3	Anhydrite				

OIL CONSERVATION COMMISSION
ARTESIA DISTRICT OFFICE
No. Copies Received 6
DISTRIBUTION
Operator 1
Santa Fe
Proration Office
State Land Office 1
U.S.G.S. 2
Transporter
File 1
B. of Mines 1

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.

May 6, 1955
(Date)

Company or Operator Sacra Brothers Co. Address 402 North First St.

Name B. N. Muncy, Jr. Position or Title Manager

B. N. Muncy Jr.

RECEIVED
OCT 13 1953
Oil Cons. Comm.
Artesia Office

Company Sacra Bros.

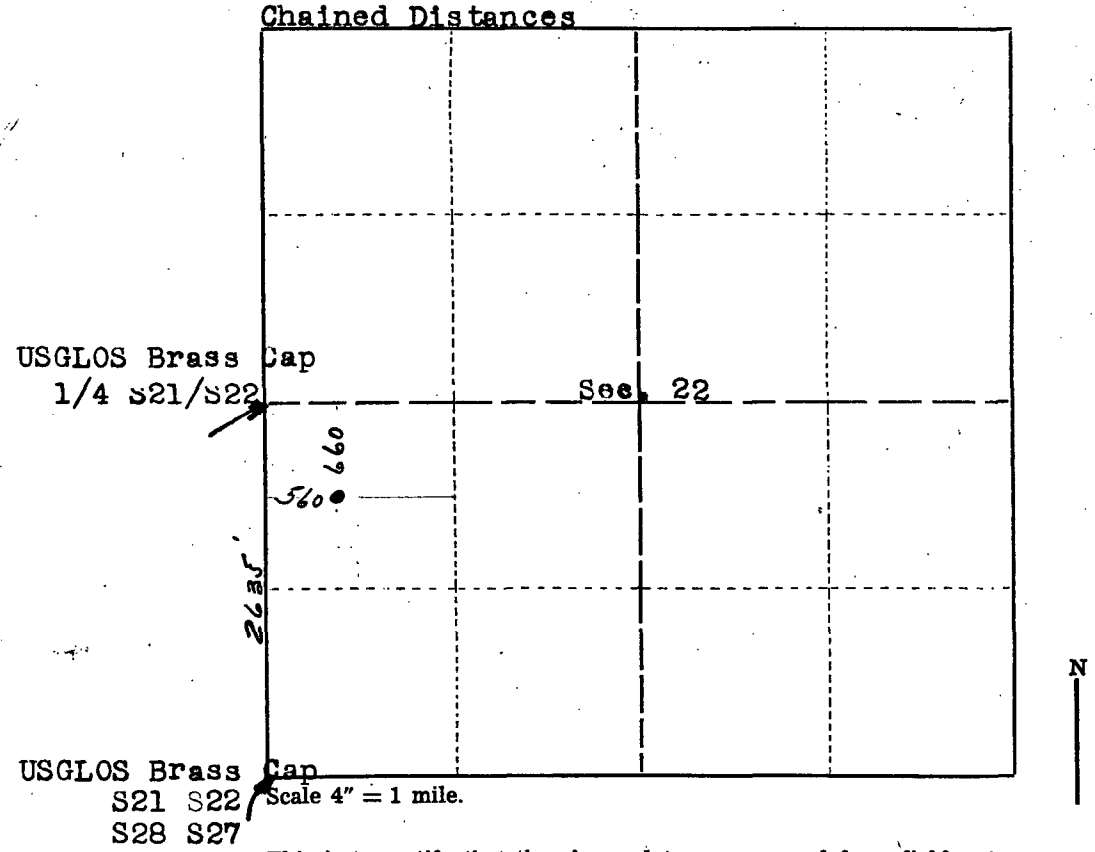
Lease Leonard-State Well No. 3

Sec. 22 T. 17 S., R. 29 E., N.M.P.M.

Location 560 ft. fr WL & 1975 ft. fr SL

County Eddy, New Mexico

Chained Distances



Scale 4" = 1 mile.

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

John A Mathis Jr

Registered ~~Professional Engineer and~~ Land Surveyor.

Seal:

Artesia, New Mexico

Surveyed October 8, 19 53

17532 Advocate Print

(Form C-103)
(Revised 7/1/52)

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

RECEIVED
MAY 7 1955
Oil Cons. C
ARTESIA OFFICE

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	
REPORT ON RESULT OF PLUGGING WELL		REPORT ON RECOMPLETION OPERATION		REPORT ON (Other)	x

May 6, 1955 (Date) Artesia, N. M. (Place)

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

Sacra Brothers Co. (Company or Operator) Leonard State (Lease)

A. F. Smith (Contractor), Well No. 3 in the NW ¼ SW ¼ of Sec. 22,

T. 17, R. 29, NMPM., Pool, Eddy County.

The Dates of this work were as folows: October 10, 1953 November 15, 1953

Notice of intention to do the work (was) (~~was not~~) submitted on Form C-102 on October 5 (Cross out incorrect words), 19 53,

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

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Drilled 8 5/8 hole into Cowden anhydrite and set & 7" OD casing at 505' 7" and circulated cement to top. Drilled to bottom of salt section at 675 ' , ran 3" tubing.

Witnessed by B. N. Muncy, Jr. (Name) Sacra Bros. Co. (Company) Manager (Title)

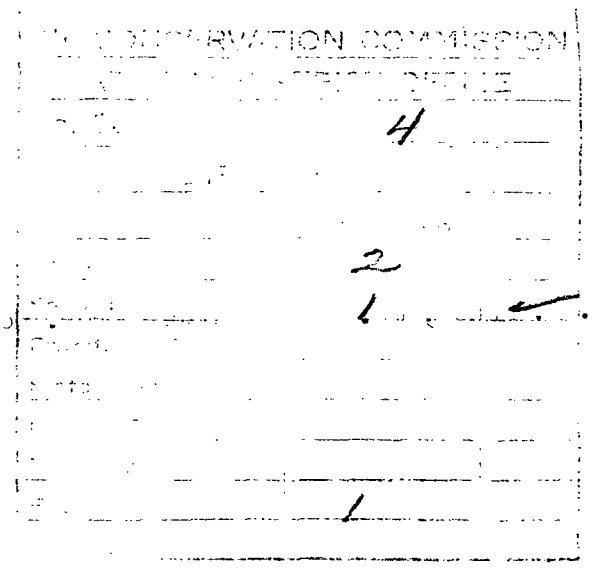
Approved: OIL CONSERVATION COMMISSION

E. A. Lenson (Name)

OIL AND GAS INSPECTOR (Title) MAY 11 1955 (Date)

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

Name B. N. Muncy Jr.
Position Pen. mgr.
Representing Sacra Brothers Co.
Address P.O. Box 1194 Roswell, N.M.


CONSERVATION COMMISSION
4
2
1
1

(Form C-101)
(Revised 7/1/52)

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

NOTICE OF INTENTION TO DRILL OR RECOMPLETE

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. 6)

Artesia N. M. (Place) October 5, 1953 (Date)

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Gentlemen:

You are hereby notified that it is our intention to commence the (Drilling) (Recompletion) of a well to be known as Sacra Brothers Co. (Company or Operator)

State (Lease), Well No. 3, in (Unit). The well is located 560 feet from the West line and 1975 feet from the South line of Section 22, T. 17, R. 29, NMPM.

(GIVE LOCATION FROM SECTION LINE) Pool, Eddy County

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

If State Land the Oil and Gas Lease is No.

If patented land the owner is

Address

We propose to drill well with drilling equipment as follows: Cable tools.

The status of plugging bond is

Drilling Contractor A. F. Smith

We intend to complete this well in the Salt formation at an approximate depth of 700 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 5/8	7"OD	20#	New	500'	75

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.)

This well to be drilled for the purpose of creating underground storage in the salt section for LPG.

Approved NOV 1 0 1953, 19
Except as follows:

By OCC Order No. LPG-5

OIL CONSERVATION COMMISSION

By L. A. Lanson

Title OIL AND GAS INSPECTOR

Sincerely yours,

Sacra Brothers Co.
(Company or Operator)

By B. N. Muncy Jr.

Position Manager

Send Communications regarding well to

Name B. N. Muncy, Jr.

Address 402 North First Artesia, N. M.

OIL CONSERVATION COMMISSION		
ARTESIA DISTRICT OFFICE		
No. Copies Received 6		
DISTRIBUTION		
	NO. FURNISHED	
Operator	1	
Santa Fe	1	✓
Proration Office		
State Land Office	1	
U. S. G. S.	2	
Transporter		
File	1	

SUBJECT: STORAGE OF LIQUEFIED PETROLEUM GAS NOVEMBER 10, 1953

APPLICATION OF SACRA BROTHERS COMPANY FOR PERMISSION TO DRILL A WELL FOR THE STORAGE OF LIQUEFIED PETROLEUM GAS IN NW/4 SW/4 SECTION 22, TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM, EDDY COUNTY, NEW MEXICO.

ORDER NO. LPG-5

ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION COMMISSION

Under the provisions of Order No. R-313 in Case 523, and Rule 705 of the Commission's Rules and Regulations established thereunder, Sacra Brothers Company made application to the Commission on October 29, 1953, for authority to drill an LPG-storage well in NW/4 SW/4 Section 22, Township 17 South, Range 29 East, NMPM, Eddy County, New Mexico, and

The Secretary - Director Finds:

(1) That application has been duly filed in proper form under the provisions of Rule 705;

(2) That satisfactory information has been provided that all operators of offset acreage within a one-half mile radius of the proposed well have been notified of the operators intention; and

(3) That no objections have been received within the ten-day waiting period as prescribed by said rule.

IT IS THEREFORE ORDERED:

That the applicant herein, Sacra Brothers Company, be and it hereby is authorized to complete its projected LPG storage well in NW/4 SW/4 Section 22, Township 17 South, Range 29 East, NMPM, Eddy County, New Mexico, as a storage well for liquefied petroleum gas;

That the effectiveness of this order is conditional upon the stipulation that the well be drilled to an approximate depth of 675', as set forth in operator's application, at which point a storage cavity will be washed out in the salt section for the specified use; further, that the Commission's approval be secured through Form C-101, Notice of Intention to Drill, and subsequent actual inspections of the casing operations on said well.

No part of this order shall be construed as relieving Sacra Brothers Company from liability to any person, firm or corporation as a result of the drilling or operation of such storage project.

By authority granted under provisions of Rule 705 of the Commission's Rules and Regulations, this order is issued and approved this 10th day of November, 1953.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

R. R. Spurrier, Secretary-Director

S E A L

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Revised 7/1/55

RECEIVED
DEC 8 1959
O. C. C.
ARTESIA, OFFICE

(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 Arrow Gas Company Lease # BL - 96

Well No. 1-2-3 Storage for LPG Unit Letter 22 S 17S T 29 ER Pool

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

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

Authorized Transporter of Oil or Condensate

Address Box 1294, Roswell, N. M.
(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas

Address Date Connected
(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:
Under Ground Storage for Liquefied Petroleum Gas.

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

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

Change in Ownership (XX) Other ( )

Remarks: (Give explanation below)

Change in ownership from Sacra Brothers Co. to Arrow Gas Company
$10,000 Blanket Plugging Bond # 17196

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

Executed this the 7th day of December 1959

By T. J. Murray T J Murray

Approved DEC 8 1959 19

Title Secretary

OIL CONSERVATION COMMISSION

Company Arrow Gas Company

By M L Armstrong
OIL AND GAS INSPECTOR

Address Box 1294, Roswell, N. M.

Title

N.

AREA 640 ACRES
LOCATE WELL CORRECTLY

L. P. G. Storage well

Corrected 10-1-52
(Form C-105)

RECEIVED
JUN 23 1953
Oil Cons. Comm.
Artesia Office

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.

Sacra Brothers Co. (Company or Operator) Leonard-State (Lease)

Well No. 1, in NW ¼ of SW ¼, of Sec. 22, T. 17S, R. 29E, NMPM.

Pool, Eddy County.

Well is 1193 feet from west line and 2069 feet from south line of Section 22. If State Land the Oil and Gas Lease No. is

Drilling Commenced May, 1952 Drilling was Completed May, 1952

Name of Drilling Contractor Olen E. Featherstone

Address Booker Building Artesia, N. M.

Elevation above sea level at Top of Tubing Head 3544.40 The information given is to be kept confidential until , 19

OIL SANDS OR ZONES

No. 1, from to No. 4, from to

No. 2, from to 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.

OIL CONSERVATION COMMISSION
RECEIVED
NOV 1 6 1953

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
7"OD	20#	New	439	Texas Pat.			

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 5/8	7"OD	439	75	Halliburton		

RECORD OF PRODUCTION AND STIMULATION

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

Result of Production Stimulation

Depth Cleaned Out

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 657'7" 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
T. San Andres	T. Granite	T. Dakota
T. Glorieta	T.	T. Morrison
T. Drinkard	T.	T. Penn
T. Tubbs	T.	T.
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	70	70	Sandstone				
70	350	280	Gypsum and Selenite				
350	410	60	Halite-SomePolyhalite				
410	439	29	No samples				
439	441	2	Halite-some brown clay				
441	442	1	Anhydrite				
442	443	1	Brown clay				
442	459	7	Halite-very little clay				
459	461	2	Polyhalite				
461	488	17	Halite				
488	502	14	Halite-some polyhalite				
502	514	12	Anhydrite				
514	516	2	Gray caly				
516	669	153	Halite				
669	672	3	Anhydrite-Polyhalite				
672	673	1	Brown clay-Halite				
673	676	3	Polyhalite-Anhydrite				

OIL CONSERVATION COMMISSION
ARTESIA DISTRICT OFFICE
No. Copies Received 6

DISTRIBUTION	No. FURNISHED	
Operator		
Santa Fe	1	✓
Proration Office		
State Land Office	1	
U. S. G. S.	2	
Transporter		
File		
B. of Mines	1	

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.

June 10, 1953 (Date)

Company or Operator Sacra Brothers Co. Address 402 North First Artesia, N. M.

Name [signature] Position or Title Gen. Mgr.

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

Oil Cons. Com. Artesia, N.M. 1953

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	
REPORT ON RESULT OF PLUGGING WELL		REPORT ON RECOMPLETION OPERATION		REPORT ON (Other)	x

June 10, 1953 (Date) Artesia, N. M. (Place)

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

Sacra Brothers Co. (Company or Operator) (Lease)

Olen F. Featherstone (Contractor), Well No. 1 in the NW ¼ SW ¼ of Sec. 22,

T. 17S, R. 29E, NMPM., Pool, Eddy County.

The Dates of this work were as folows: May, 1952

Notice of intention to do the work ~~(was)~~ (was not) submitted on Form C-102 on (Cross out incorrect words), 19,

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

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Drilled into Cowden Anhydrite and set 7" OD casing just above lower salt section. Circulated cement to to p. Drilled to bottom of lower salt section, and ran 3" tubing. Circulated fresh water in lower salt section to create cavity of 500,000 gallons. Cavity was loaded with 483,000 gallons of propane in October and unloaded in February and March. Beginning in August will be washed again until capacity reaches 1,000,000 gallons.

OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO NOV 16 1953

Witnessed by B. N. Muncy, Jr. (Name) Sacra Brothers Co. (Company) Gen. Mgr. (Title)

Approved: OIL CONSERVATION COMMISSION

L. A. Hanson (Name)

OIL AND GAS INSPECTOR (Title) NOV (Date)

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

Name C. J. Hummer

Position Gen. Mgr.

Representing Sacra Brothers Co.

Address 402 North First Artesia, N. M.

Company Sacra Bros

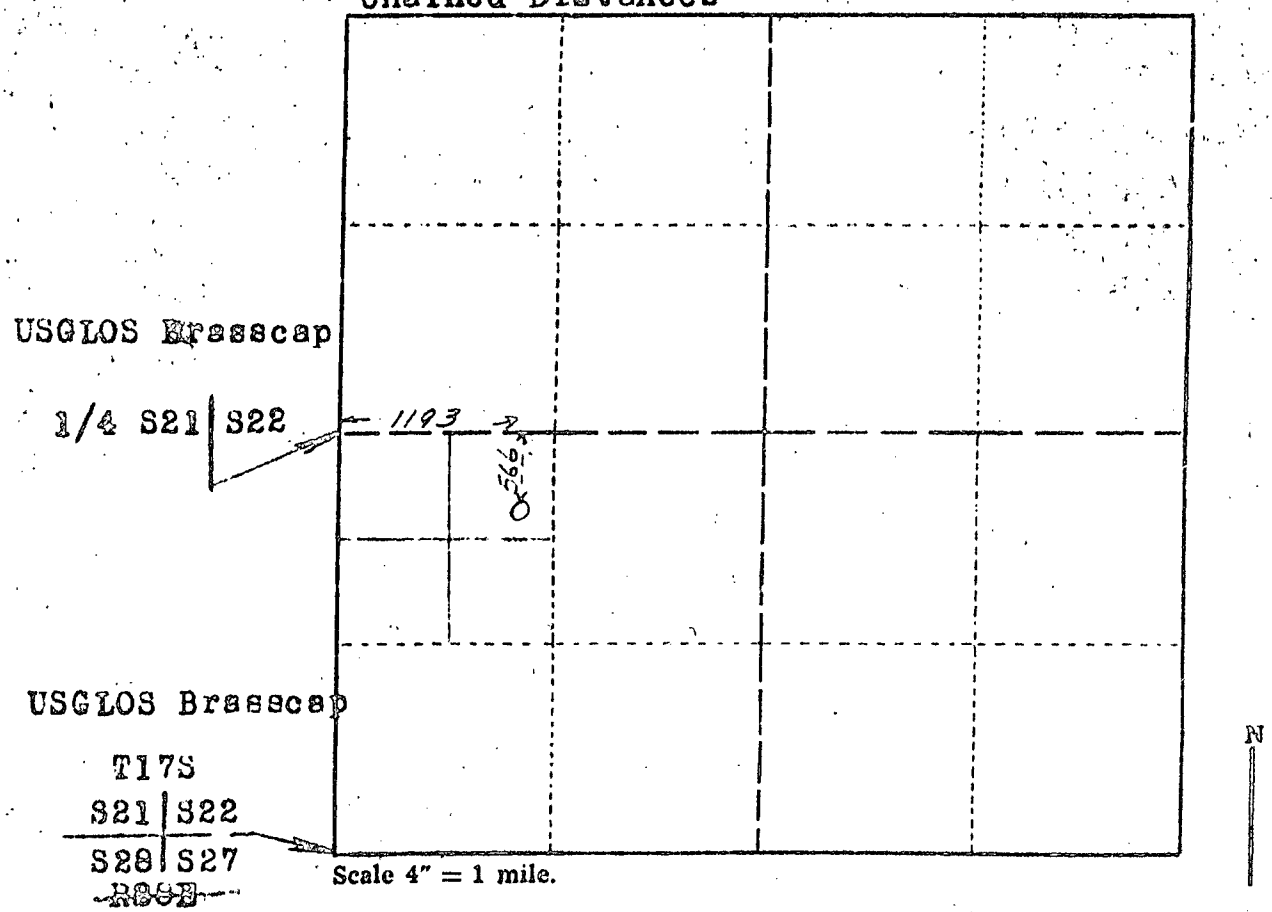
Lease Leonard-State Well No. 1

Sec. 22 T. 17 S., R. ~~28~~ 29 E., N.M.P.M.

Location NE¼NW¼SW¼ (1193' fr WL & 2069' fr SL)

County Eddy New Mexico

Chained Distances



Scale 4" = 1 mile.

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Seal:

Registered Professional Engineer and Land Surveyor.

Artesia, New Mexico

Surveyed June 1, 19 53

17088 Advocate Print

SUBJECT: STORAGE OF LIQUEFIED PETROLEUM GAS NOVEMBER 10, 1953

APPLICATION OF SACRA BROTHERS COMPANY FOR PERMISSION TO DRILL A WELL FOR THE STORAGE OF LIQUEFIED PETROLEUM GAS IN NW/4 SW/4 SECTION 22, TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM, EDDY COUNTY, NEW MEXICO.

ORDER NO. LPG-5

ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION COMMISSION

Under the provisions of Order No. R-313 in Case 523, and Rule 705 of the Commission's Rules and Regulations established thereunder, Sacra Brothers Company made application to the Commission on October 29, 1953, for authority to drill an LPG-storage well in NW/4 SW/4 Section 22, Township 17 South, Range 29 East, NMPM, Eddy County, New Mexico, and

The Secretary - Director Finds:

(1) That application has been duly filed in proper form under the provisions of Rule 705;

(2) That satisfactory information has been provided that all operators of offset acreage within a one-half mile radius of the proposed well have been notified of the operators intention; and

(3) That no objections have been received within the ten-day waiting period as prescribed by said rule.

IT IS THEREFORE ORDERED:

That the applicant herein, Sacra Brothers Company, be and it hereby is authorized to complete its projected LPG storage well in NW/4 SW/4 Section 22, Township 17 South, Range 29 East, NMPM, Eddy County, New Mexico, as a storage well for liquefied petroleum gas;

That the effectiveness of this order is conditional upon the stipulation that the well be drilled to an approximate depth of 675', as set forth in operator's application, at which point a storage cavity will be washed out in the salt section for the specified use; further, that the Commission's approval be secured through Form C-101, Notice of Intention to Drill, and subsequent actual inspections of the casing operations on said well.

No part of this order shall be construed as relieving Sacra Brothers Company from liability to any person, firm or corporation as a result of the drilling or operation of such storage project.

By authority granted under provisions of Rule 705 of the Commission's Rules and Regulations, this order is issued and approved this 10th day of November, 1953.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

R. R. Spurrier, Secretary-Director

S E A L

(12)

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Form C-116
Revised 7/1/55

RECEIVED
DEC 8 1959
O. C. C.
ARTESIA, OFFICE

(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 Arrow Gas Company Lease # BL - 96

Well No. 1-2-1 Storage for LPG Unit Letter 22 S 17S T 29 ER Pool

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

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

Authorized Transporter of Oil or Condensate

Address Box 1294, Roswell, N. M.
(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas

Address Date Connected
(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:
Under Ground Storage for Liquefied Petroleum Gas.

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

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

Change in Ownership (XX) Other ( )

Remarks: (Give explanation below)

Change in ownership from Sacra Brothers Co. to Arrow Gas Company
$10,000 Blanket Plugging Bond # 17196

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

Executed this the 7th day of December 1959

By T. J. Murray T J Murray

Title Secretary

Company Arrow Gas Company

Address Box 1294, Roswell, N. M.

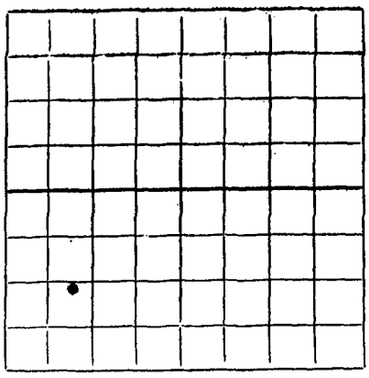
Approved DEC 8 1959 19

OIL CONSERVATION COMMISSION

By M L Armstrong
OIL AND GAS INSPECTOR

Title

N.



AREA 640 ACRES
LOCATE WELL CORRECTLY

(Revised 7/1/52)
(Form C-105)

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

RECEIVED JUN 29 1953 Oil Cons. Com. Artesia, N.M.

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.

Sacra Brothers Co. (Company or Operator) Leonard State (Lease)

Well No. 2, in NW ¼ of SW ¼, of Sec. 22, T. 17S, R. 28E, NMPM.

Pool, Eddy County.

Well is 908 feet from west line and 1892 feet from South line of Section 22. If State Land the Oil and Gas Lease No. is

Drilling Commenced October 16, 19 52 Drilling was Completed October 23, 19 52

Name of Drilling Contractor A. F. Smi th

Address 306 West Chisholm Artesia, N. M.

Elevation above sea level at Top of Tubing Head 3548.45 The information given is to be kept confidential until , 19

OIL SANDS OR ZONES

No. 1, from to No. 4, from to

No. 2, from to 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 102 to 107 feet. Rose to 37 ft.

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
8 5/8 OD	24#	New	130'	TexasPat.			Shut off Water
7 OD	20#	New	507'	Texas Pat.			

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 5/8	7 OD	507	85	Halliburton		

RECORD OF PRODUCTION AND STIMULATION

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

Result of Production Stimulation

Depth Cleaned Out

RECORD OF DRILL-STEM AND SPECIAL TEST

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 0 feet to 663 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 40	T. Devonian	T. Ojo Alamo
T. Salt 260	T. Silurian	T. Kirtland-Fruitland
B. Salt 660	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.
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	40	40	Red beds				
40	80	40	Anhydrite				
80	85	5	Red beds				
85	102	17 7	Anhydrite				
102	107	5	Red shale				
107	112	5	Anhydrite				
112	120	8	Red beds				
120	130	10	Anhydrite				
130	180	50	Red beds-Anhydrite shells				
180	225	45	Red beds-Anhydrite shells				
225	260	35	Shale				
260	280	20	Salt				
280	340	60	Anhydrite shells				
340	390	50	Salt-Anhydrite shells				
390	440	50	Salt				
440	497	57	Salt				
497	509	10	Anhydrite				
509	660	151	Salt				
660	660.5	.5	Polyhalite				
660.5	663	2.5	Anhydrite				

OIL CONSERVATION COMMISSION
ARTESIA DISTRICT OFFICE
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DISTRIBUTION

	No. Furnished	
Operator		
Santa Fe	1	✓
Proration Office		
State Land Office	1	
U. S. G. S.	2	
Transporter		
File	1	
B. of Mines	1	

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.

June 10, 1953
(Date)

Company or Operator Sacra Brothers Co. Address 402 North First St. Artesia, N. M.

Name [signature] Position or Title Gen. Mgr.

(Form C-103)
(Revised 7/1/52)

RECEIVED
JUN 23 1953

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

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	
REPORT ON RESULT OF PLUGGING WELL		REPORT ON RECOMPLETION OPERATION		REPORT ON (Other)	x

June 10, 1953 (Date) Artesia, N. M. (Place)

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

Sacra Brothers Co. (Company or Operator) (Lease)

A. F. Smith (Contractor), Well No. 2 in the NW ¼ SW ¼ of Sec. 22

T. 17S, R. 29E, NMPM., Pool, Eddy County.

The Dates of this work were as folows: October 16- Octob er 23,1952

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

Drilled into Cowden Anhydrite and set & 7" OD casing just above lower salt section. Circulated cement to top. Drilled to bottom of lower salt section, and ran 3" tubing. Circulated fresh water in lower salt section to create cavity. As of June 1, cavity was 7 50,000 gallons in capacity, with washing to continue until cavity reaches 1,000,000 gallons capacity.

Witnessed by B. N. Muncy, Jr. (Name) Sacra Brothers Co. (Company) Gen. Mgr. (Title)

Approved: OIL CONSERVATION COMMISSION

L. G. Hanson (Name)

OIL CONSERVATION COMMISSION NOV 1 2 '95

(Title) (Date)

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

Name B. N. Muncy Jr.

Position Gen. Mgr.

Representing Sacra Brothers Co.

Address 402 North First-Artesia, N. M.

RECEIVED
JUL 7 1953
Oil Cons. Comm.
Artesia Office

Company Sacra Bros

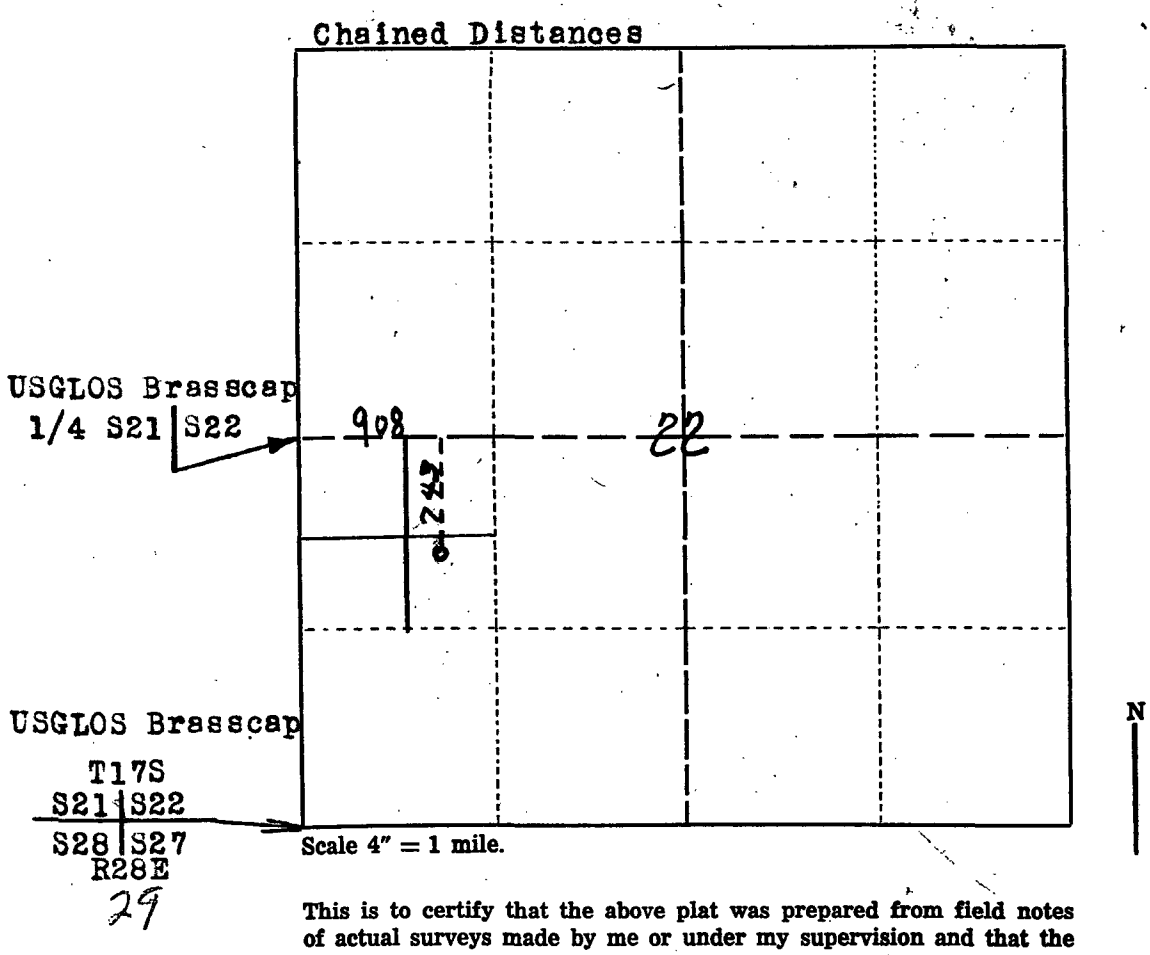
Lease Leonard State Well No. 2

Sec. 22 T. 17 S., R 29 ~~28~~ E., N.M.P.M.

Location SE¼NW¼SW¼(908' fr WL & 1892' fr SL)

County Eddy, New Mexico

Chained Distances



Scale 4" = 1 mile.

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

John A. Mecham Jr.
Registered ~~Professional~~ ~~Engineer and~~ Land Surveyor.

Seal:

Artesia, New Mexico

Surveyed June 1, 19 53

17522 Advocate Print

RECEIVED
NOV 16 1953

SUBJECT: STORAGE OF LIQUEFIED PETROLEUM GAS NOVEMBER 10, 1953

APPLICATION OF SACRA BROTHERS COMPANY FOR PERMISSION TO DRILL A WELL FOR THE STORAGE OF LIQUEFIED PETROLEUM GAS IN NW/4 SW/4 SECTION 22, TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM, EDDY COUNTY, NEW MEXICO.

ORDER NO. LPG-5

ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION COMMISSION

Under the provisions of Order No. R-313 in Case 523, and Rule 705 of the Commission's Rules and Regulations established thereunder, Sacra Brothers Company made application to the Commission on October 29, 1953, for authority to drill an LPG-storage well in NW/4 SW/4 Section 22, Township 17 South, Range 29 East, NMPM, Eddy County, New Mexico, and

The Secretary - Director Finds:

(1) That application has been duly filed in proper form under the provisions of Rule 705;

(2) That satisfactory information has been provided that all operators of offset acreage within a one-half mile radius of the proposed well have been notified of the operators intention; and

(3) That no objections have been received within the ten-day waiting period as prescribed by said rule.

IT IS THEREFORE ORDERED:

That the applicant herein, Sacra Brothers Company, be and it hereby is authorized to complete its projected LPG storage well in NW/4 SW/4 Section 22, Township 17 South, Range 29 East, NMPM, Eddy County, New Mexico, as a storage well for liquefied petroleum gas;

That the effectiveness of this order is conditional upon the stipulation that the well be drilled to an approximate depth of 675', as set forth in operator's application, at which point a storage cavity will be washed out in the salt section for the specified use; further, that the Commission's approval be secured through Form C-101, Notice of Intention to Drill, and subsequent actual inspections of the casing operations on said well.

No part of this order shall be construed as relieving Sacra Brothers Company from liability to any person, firm or corporation as a result of the drilling or operation of such storage project.

By authority granted under provisions of Rule 705 of the Commission's Rules and Regulations, this order is issued and approved this 10th day of November, 1953.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

R. R. Spurrier, Secretary-Director

S E A L

12

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Form C-116
Revised 7/1/55

RECEIVED
DEC 8 1959
O. C. C.
ARTESIA, OFFICE

(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 Arrow Gas Company Lease # BL - 96

Well No. [redacted]-3 Storage for LPG Unit Letter 22 S 17S T 29 ER Pool

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

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

Authorized Transporter of Oil or Condensate

Address Box 1294, Roswell, N. M.
(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas

Address Date Connected
(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:
Under Ground Storage for Liquefied Petroleum Gas.

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

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

Change in Ownership (XX) Other ( )

Remarks: (Give explanation below)

Change in ownership from Sacra Brothers Co. to Arrow Gas Company
$10,000 Blanket Plugging Bond # 17196

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

Executed this the 7th day of December 1959

By T. J. Murray T. J. Murray

Title Secretary

Company Arrow Gas Company

Address Box 1294, Roswell, N. M.

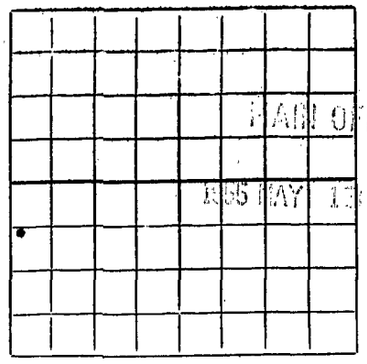
Approved DEC 8 1959 19

OIL CONSERVATION COMMISSION

By M L Armstrong

Title OIL AND GAS INSPECTOR

N.



AREA 640 ACRES
LOCATE WELL CORRECTLY

(Revised 7/1/52)
(Form C-105)

RECEIVED
MAY 7 1955
Oil Cons. Comm.
ARTESIA OFFICE

MAIN OFFICE OCC
1955 MAY 13 AM 9:25

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.

Sacra Broth ers Co. (Company or Operator) Leonard State (Lease)

Well No. 3, in NW ¼ of SW ¼, of Sec. 22, T. 17, R. 29, NMPM.

Pool, Eddy County.

Well is 560 feet from West line and 1975 feet from South line of Section 22. If State Land the Oil and Gas Lease No. is

Drilling Commenced October 10, 1953, 19 Drilling was Completed October 31, 19 53

Name of Drilling Contractor A. F. Smith

Address Artesia, N. M.

Elevation above sea level at Top of Tubing Head 3549.60 The information given is to be kept confidential until , 19

OIL SANDS OR ZONES

No. 1, from to No. 4, from to

No. 2, from to 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 100 to 105 feet.

No. 2, from 115 to 120 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
8 5/8 od	27	New	130' 7"	none		none	water
7 OD	20	New	505' 7"	Texas Pat.		none	

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 5/8	7	505' 7"	398	Halliburton		

RECORD OF PRODUCTION AND STIMULATION

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

Result of Production Stimulation

Depth Cleaned Out

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 0 feet to 680 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
T. San Andres	T. Granite	T. Dakota
T. Glorieta	T.	T. Morrison
T. Drinkard	T.	T. Penn
T. Tubbs	T.	T.
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	5	5	Sand				
5	60	55	Red Beds				
60	80	20	Anhydrite				
80	115	35	Anhydrite				
115	120	5	Blue Clay				
120	135	15	Anhydrite				
135	250	115	Red Bed				
250	260	10	Anhydrite				
260	265	5	Red Bed				
265	275	10	Salt				
275	280	5	Anhydrite				
280	445	165	Salt				
445	452	7	Anhydrite				
452	497	45	Salt				
497	525	28	Anhydrite				
525	675	150	Salt				
675	677	2	Polyhalite				
677	680	3	Anhydrite				

OIL CONSERVATION COMMISSION
ARTESIA DISTRICT OFFICE
No. Copies Received 6
DISTRIBUTION
Operator 1
Santa Fe
Proration Office
State Land Office 1
U.S.G.S. 2
Transporter
File 1
B. of Mines 1

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.

May 6, 1955
(Date)

Company or Operator: Sacra Brothers Co. Address: 402 North First St.

Name: B. N. Muncy, Jr. Position or Title: Manager

B. N. Muncy Jr.

RECEIVED
OCT 13 1953
Oil Cons. Comm.
Artesia Office

Company Sacra Bros.

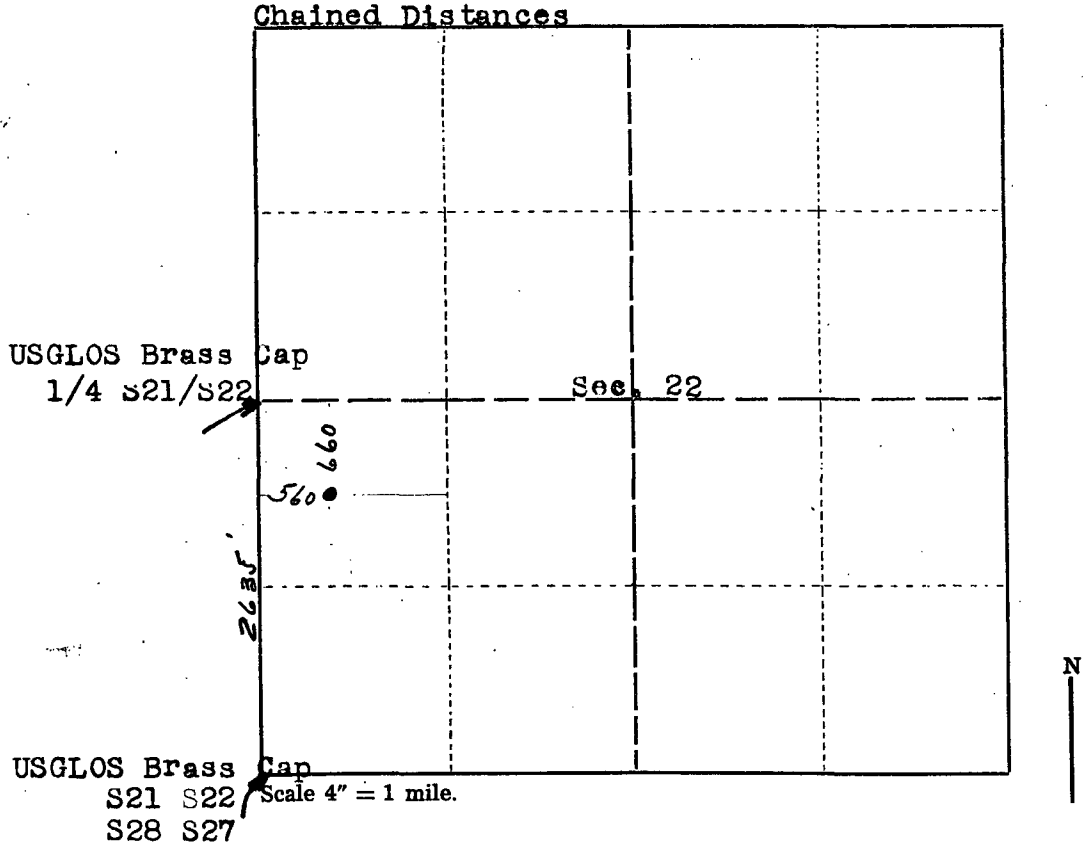
Lease Leonard-State Well No. 3

Sec. 22 T. 17 S., R. 29 E., N.M.P.M.

Location 560 ft. fr WL & 1975 ft. fr SL

County Eddy, New Mexico

Chained Distances



Scale 4" = 1 mile.

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

John A Mathis Jr
Registered Professional Engineer and Land Surveyor.

Seal:

Artesia, New Mexico

Surveyed October 8, 1953

17532 Advocate Print

(Form C-103)
(Revised 7/1/52)

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

RECEIVED
MAY 7 1955
Oil Cons. Com.
ARTESIA, OFFICE

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	
REPORT ON RESULT OF PLUGGING WELL		REPORT ON RECOMPLETION OPERATION		REPORT ON (Other)	X

May 6, 1955 (Date) Artesia, N. M. (Place)

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

Sacra Brothers Co. (Company or Operator) Leonard State (Lease)

A. F. Smith (Contractor), Well No. 3 in the NW ¼ SW ¼ of Sec. 22,

T. 17, R. 29, NMPM., Pool, Eddy County.

The Dates of this work were as folows: October 10, 1953 November 15, 1953

Notice of intention to do the work (was) (~~was not~~) submitted on Form C-102 on October 5 (Cross out incorrect words), 19 53,

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

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Drilled 8 5/8 hole into Cowden anhydrite and set & 7" OD casing at 505' 7" and circulated cement to top. Drilled to bottom of salt section at 675 ' , ran 3" tubing.

Witnessed by B. N. Muncy, Jr. (Name) Sacra Bros. Co. (Company) Manager (Title)

Approved: OIL CONSERVATION COMMISSION

L. A. Lenstra (Name)

OIL AND GAS INSPECTOR (Title) MAY 11 1955 (Date)

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

Name B. N. Muncy Jr.
Position Pen. mgr.
Representing Sacra Brothers Co.
Address P.O. Box 1194 Roswell, N.M.

(Form C-101)
(Revised 7/1/52)

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

NOTICE OF INTENTION TO DRILL OR RECOMPLETE

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.

Artesia N. M. (Place) October 5, 1953 (Date)

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Gentlemen:

You are hereby notified that it is our intention to commence the (Drilling) (Recompletion) of a well to be known as Sacra Brothers Co. (Company or Operator) State (Lease), Well No. 3, in (Unit). The well is located 560 feet from the West line and 1975 feet from the South line of Section 22, T. 17, R. 29, NMPM.

(GIVE LOCATION FROM SECTION LINE) Pool, Eddy County

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

If State Land the Oil and Gas Lease is No.

If patented land the owner is

Address

We propose to drill well with drilling equipment as follows: Cable tools.

The status of plugging bond is

Drilling Contractor A. F. Smith

We intend to complete this well in the Salt formation at an approximate depth of 700 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 5/8	7"OD	20#	New	500'	75

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.)

This well to be drilled for the purpose of creating underground storage in the salt section for LPG.

Approved NOV 10 1953, 19
Except as follows:

By OCC Order No. LPG-5

OIL CONSERVATION COMMISSION

By L. A. Lanson

Title OIL AND GAS INSPECTOR

Sincerely yours,

Sacra Brothers Co.
(Company or Operator)

By B. N. Muncy Jr.

Position Manager

Send Communications regarding well to

Name B. N. Muncy, Jr.

Address 402 North First Artesia, N. M.

SUBJECT: STORAGE OF LIQUEFIED PETROLEUM GAS NOVEMBER 10, 1953

APPLICATION OF SACRA BROTHERS COMPANY FOR PERMISSION TO DRILL A WELL FOR THE STORAGE OF LIQUEFIED PETROLEUM GAS IN NW/4 SW/4 SECTION 22, TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM, EDDY COUNTY, NEW MEXICO.

ORDER NO. LPG-5

ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION COMMISSION

Under the provisions of Order No. R-313 in Case 523, and Rule 705 of the Commission's Rules and Regulations established thereunder, Sacra Brothers Company made application to the Commission on October 29, 1953, for authority to drill an LPG-storage well in NW/4 SW/4 Section 22, Township 17 South, Range 29 East, NMPM, Eddy County, New Mexico, and

The Secretary - Director Finds:

(1) That application has been duly filed in proper form under the provisions of Rule 705;

(2) That satisfactory information has been provided that all operators of offset acreage within a one-half mile radius of the proposed well have been notified of the operators intention; and

(3) That no objections have been received within the ten-day waiting period as prescribed by said rule.

IT IS THEREFORE ORDERED:

That the applicant herein, Sacra Brothers Company, be and it hereby is authorized to complete its projected LPG storage well in NW/4 SW/4 Section 22, Township 17 South, Range 29 East, NMPM, Eddy County, New Mexico, as a storage well for liquefied petroleum gas;

That the effectiveness of this order is conditional upon the stipulation that the well be drilled to an approximate depth of 675', as set forth in operator's application, at which point a storage cavity will be washed out in the salt section for the specified use; further, that the Commission's approval be secured through Form C-101, Notice of Intention to Drill, and subsequent actual inspections of the casing operations on said well.

No part of this order shall be construed as relieving Sacra Brothers Company from liability to any person, firm or corporation as a result of the drilling or operation of such storage project.

By authority granted under provisions of Rule 705 of the Commission's Rules and Regulations, this order is issued and approved this 10th day of November, 1953.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

R. R. Spurrier, Secretary-Director

S E A L

SUBJECT: STORAGE OF LIQUEFIED PETROLEUM GAS NOVEMBER 10, 1953

APPLICATION OF SACRA BROTHERS COMPANY FOR PERMISSION TO DRILL A WELL FOR THE STORAGE OF LIQUEFIED PETROLEUM GAS IN NW/4 SW/4 SECTION 22, TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM, EDDY COUNTY, NEW MEXICO.

ORDER NO. LPG-5

ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION COMMISSION

Under the provisions of Order No. R-313 in Case 523, and Rule 705 of the Commission's Rules and Regulations established thereunder, Sacra Brothers Company made application to the Commission on October 29, 1953, for authority to drill an LPG-storage well in NW/4 SW/4 Section 22, Township 17 South, Range 29 East, NMPM, Eddy County, New Mexico, and

The Secretary - Director Finds:

(1) That application has been duly filed in proper form under the provisions of Rule 705;

(2) That satisfactory information has been provided that all operators of offset acreage within a one-half mile radius of the proposed well have been notified of the operators intention; and

(3) That no objections have been received within the ten-day waiting period as prescribed by said rule.

IT IS THEREFORE ORDERED:

That the applicant herein, Sacra Brothers Company, be and it hereby is authorized to complete its projected LPG storage well in NW/4 SW/4 Section 22, Township 17 South, Range 29 East, NMPM, Eddy County, New Mexico, as a storage well for liquefied petroleum gas;

That the effectiveness of this order is conditional upon the stipulation that the well be drilled to an approximate depth of 675', as set forth in operator's application, at which point a storage cavity will be washed out in the salt section for the specified use; further, that the Commission's approval be secured through Form C-101, Notice of Intention to Drill, and subsequent actual inspections of the casing operations on said well.

No part of this order shall be construed as relieving Sacra Brothers Company from liability to any person, firm or corporation as a result of the drilling or operation of such storage project.

By authority granted under provisions of Rule 705 of the Commission's Rules and Regulations, this order is issued and approved this 10th day of November, 1953.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

R. R. Spurrier, Secretary-Director

S E A L

12

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Form C-116
Revised 7/1/55

RECEIVED
DEC 8 1959
O. C. C.
ARTESIA, OFFICE

(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 Arrow Gas Company Lease # BL - 96

Well No. 2-2-Storage for LPG Unit Letter 22 S 17S T 29 ER Pool

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

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

Authorized Transporter of Oil or Condensate

Address Box 1294, Roswell, N. M.
(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas

Address Date Connected
(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:
Under Ground Storage for Liquefied Petroleum Gas.

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

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

Change in Ownership (XX) Other ( )
(Give explanation below)

Remarks:
Change in ownership from Sacra Brothers Co. to Arrow Gas Company
$10,000 Blanket Plugging Bond # 17196

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

Executed this the 7th day of December 1959

By T. J. Murray T J Murray

Title Secretary

Company Arrow Gas Company

Address Box 1294, Roswell, N. M.

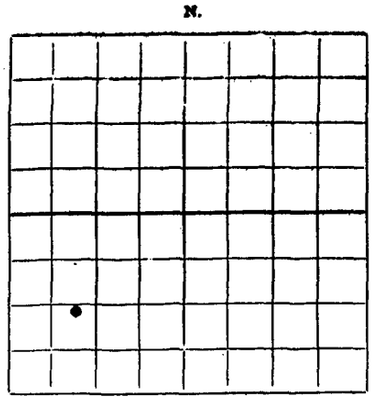
Approved DEC 8 1959 19

OIL CONSERVATION COMMISSION

By M L Armstrong
OIL AND GAS INSPECTOR

Title

(Revised 7/1/52)
(Form C-105)



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

RECEIVED
JUN 23 1953
Oil Cons. Com.
Artesia, N. M.

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.

Sacra Brothers Co. (Company or Operator) Leonard State (Lease)

Well No. 2, in NW ¼ of SW ¼, of Sec. 22, T. 17S, R. ~~28E~~ 27E, NMPM.

Pool, Eddy County.

Well is 908 feet from west line and 1892 feet from South line of Section 22. If State Land the Oil and Gas Lease No. is

Drilling Commenced October 16, 1952 Drilling was Completed October 23, 1952

Name of Drilling Contractor A. F. Smith

Address 306 West Chisholm Artesia, N. M.

Elevation above sea level at Top of Tubing Head 3548.45 The information given is to be kept confidential until , 19

OIL SANDS OR ZONES

No. 1, from to No. 4, from to

No. 2, from to 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 102 to 107 feet. Rose to 37 ft.

No. 2, from to feet.

No. 3, from to feet.

No. 4, from to feet.

JUL 1 1953

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8 5/8 OD	24#	New	130'	TexasPat.			Shut off Water
7 OD	20#	New	507'	Texas Pat.			

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 5/8	7 OD	507	85	Halliburton		

RECORD OF PRODUCTION AND STIMULATION

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

Result of Production Stimulation

Depth Cleaned Out

RECORD OF DRILL-STEM AND SPECIAL TEST

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 0 feet to 663 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 40	T. Devonian	T. Ojo Alamo
T. Salt 260	T. Silurian	T. Kirtland-Fruitland
B. Salt 660	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.
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	40	40	Red beds				
40	80	40	Anhydrite				
80	85	5	Red beds				
85	102	17 7	Anhydrite				
102	107	5	Red shale				
107	112	5	Anhydrite				
112	120	8	Red beds				
120	130	10	Anhydrite				
130	180	50	Red beds-Anhydrite shells				
180	225	45	Red beds-Anhydrite shells				
225	260	35	Shale				
260	280	20	Salt				
280	340	60	Anhydrite shells				
340	390	50	Salt-Anhydrite shells				
390	440	50	Salt				
440	497	57	Salt				
497	509	10	Anhydrite				
509	660	151	Salt				
660	660.5	.5	Polyhalite				
660.5	663	2.5	Anhydrite				

OIL CONSERVATION COMMISSION
ARTESIA DISTRICT OFFICE
No. Copies Received 6
DISTRIBUTION

	No. Furnished	
Operator		
Santa Fe	1	✓
Proration Office		
State Land Office	1	
U. S. G. S.	2	
Transporter		
File	1	
B. of Mines	1	

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.

June 10, 1953
(Date)

Company or Operator Sacra Brothers Co. Address 402 North First St. Artesia, N. M.

Name [signature] Position or Title Gen. Mgr.

(Form C-103)
(Revised 7/1/52)

RECEIVED
JUN 23 1953

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

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	
REPORT ON RESULT OF PLUGGING WELL		REPORT ON RECOMPLETION OPERATION		REPORT ON (Other)	x

June 10, 1953 (Date) Artesia, N. M. (Place)

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

Sacra Brothers Co. (Company or Operator) (Lease)

A. F. Smith (Contractor), Well No. 2 in the NW ¼ SW ¼ of Sec. 22,

T. 17S, R. 29E, NMPM., Pool, Eddy County.

The Dates of this work were as folows: October 16- Octob er 23,1952

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

Drilled into Cowden Anhydrite and set & 7" OD casing just above lower salt section. Circulated cement to top. Drilled to bottom of lower salt section, and ran 3" tubing. Circulated fresh water in lower salt section to create cavity. As of June 1, cavity was 7 50,000 gallons in capacity, with washing to continue until cavity reaches 1,000,000 gallons capacity.

Witnessed by B. N. Muncy, Jr. (Name) Sacra Brothers Co. (Company) Gen. Mgr. (Title)

Approved: OIL CONSERVATION COMMISSION

L. G. Hanson (Name)

NOV 12 1953

(Title) (Date)

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

Name B. N. Muncy Jr.

Position Gen. Mgr.

Representing Sacra Brothers Co.

Address 402 North First-Artesia, N. M.

RECEIVED
JUL 7 1953
Oil Cons. Comm.
Artesia Office

Company Sacra Bros

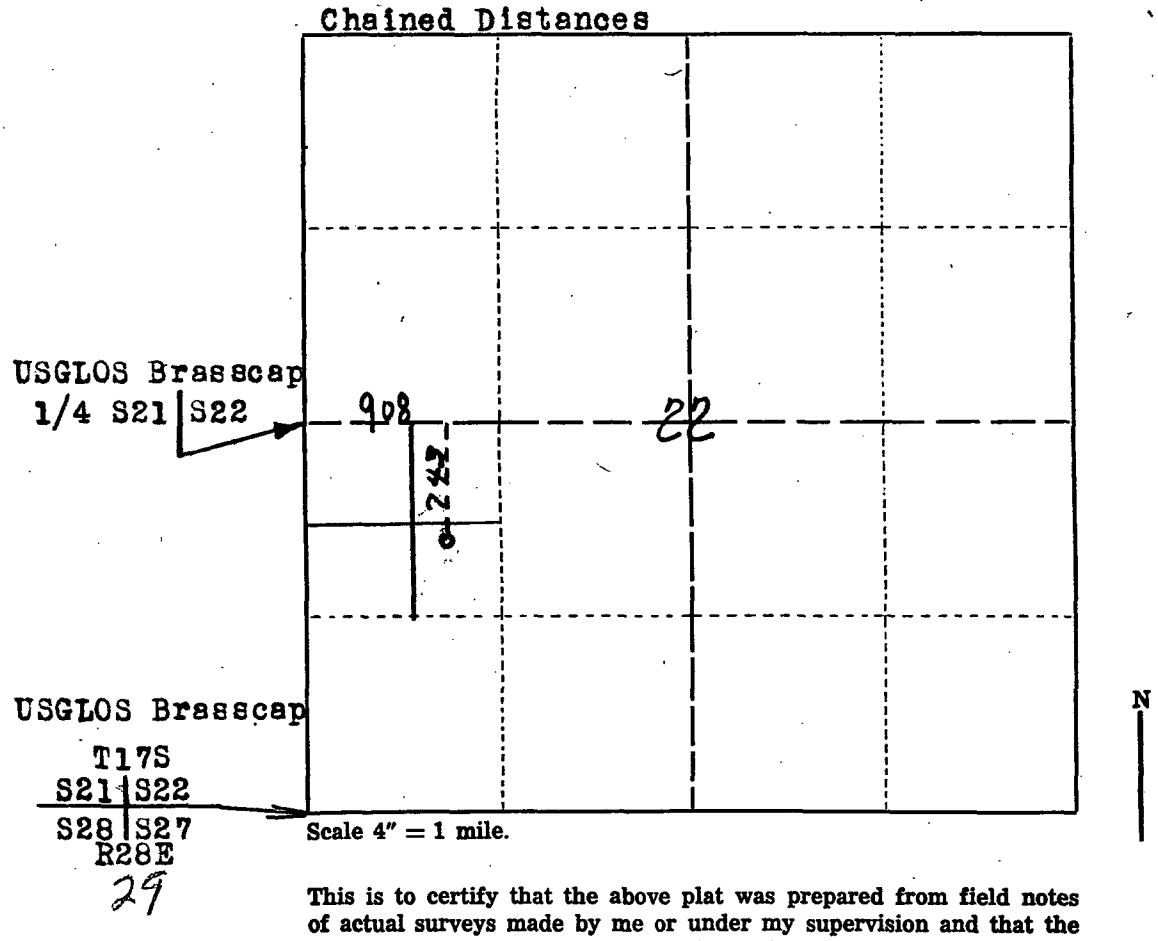
Lease Leonard State Well No. 2

Sec. 22 T. 17 S., R. 29 ~~28~~ E., N.M.P.M.

Location SE¼NW¼SW¼(908' fr WL & 1892' fr SL)

County Eddy, New Mexico

Chained Distances



Scale 4" = 1 mile.

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

John A. Maltby Jr.
Registered ~~Professional~~ ~~Engineer and~~ Land Surveyor.

Seal:

Artesia, New Mexico

Surveyed June 1, 19 53

17532 Advocate Print

RECEIVED
NOV 16 1953

2. Upon completion of the proposed well, operator shall submit Form C-105, Well Log, plus a diagrammatic sketch of the finished installation, together with an estimate of the storage capacity of the cavity.

Applicants shall furnish all operators within a half-mile radius of the proposed well with a copy of the application to the Commission, and applicant shall include with his application a written stipulation that all operators within a half-mile radius of the proposed well have been properly notified. The Secretary of the Commission shall wait at least ten (10) days before approving any such application, and shall approve any such application only in the absence of objection from any notified operator. In the event that an operator objects to the application, the Commission shall consider the matter only after proper notice and hearing.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

EDWIN L. MECHEM, Chairman

E. S. WALKER, Member

R. R. SPURRIER, Secretary

S E A L

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:

CASE No. 523
Order No. R-313

THE APPLICATION OF THE NEW MEXICO OIL CONSERVATION COMMISSION, UPON ITS OWN MOTION, FOR AN ORDER REVISING RULE 701 OF THE OIL CONSERVATION COMMISSION'S RULES AND REGULATIONS TO ALLOW THE SECRETARY OF THE COMMISSION TO APPROVE THE DRILLING OF LPG STORAGE WELLS PROVIDED CERTAIN CONDITIONS ARE MET BY THE OPERATOR.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on March 17, 1953, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on the 10th day of April, 1953, the Commission, a quorum being present, having considered the testimony adduced and the exhibits received at the hearing, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That there is need for a revision of Section I - Secondary Recovery and Pressure Maintenance, of the Commission's Rules and Regulations, in order to provide for the approval by the Secretary of the Commission of wells to be drilled for the purpose of storing liquefied petroleum gases.

IT IS THEREFORE ORDERED:

(1) That the application of the Oil Conservation Commission be and the same hereby is approved as follows.

(2) That Section I - Secondary Recovery and Pressure Maintenance, should be amended to provide for the addition of Rule 705, as follows:

RULE 705. LPG (STORAGE WELLS)

2. Upon completion of the proposed well, operator shall submit Form C-105, Well Log, plus a diagrammatic sketch of the finished installation, together with an estimate of the storage capacity of the cavity.

Applicants shall furnish all operators within a half-mile radius of the proposed well with a copy of the application to the Commission, and applicant shall include with his application a written stipulation that all operators within a half-mile radius of the proposed well have been properly notified. The Secretary of the Commission shall wait at least ten (10) days before approving any such application, and shall approve any such application only in the absence of objection from any notified operator. In the event that an operator objects to the application, the Commission shall consider the matter only after proper notice and hearing.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

EDWIN L. MECHEM, Chairman

E. S. WALKER, Member

R. R. SPURRIER, Secretary

S E A L

Ex 1

CASE 523

SUGGESTED RULE FOR APPLICATIONS TO DRILL LPG STORAGE WELLS:

RULE 705:

Applications to drill storage wells for the purpose of storing Liquified Petroleum Gases shall be submitted to the Director of the Commission for approval. In addition to Form C-101-Notice of Intention to Drill, the operator shall submit the following information:

1. Certified plat of area Notice to Operators within 1/2 mile of proposed well showing thereon the location of the proposed well and the location of any oil, or gas wells and dry holes, and lease ownership. 10 days

2. Upon completion of the proposed well, operator shall submit Well Log Form C-105 plus a diagrammatic sketch of the finished installation together with an estimate of the storage capacity of the cavity.

BEFORE THE
OIL CONSERVATION COMMISSION
STATE OF NEW MEXICO

Santa Fe, New Mexico
March 17, 1953

TRANSCRIPT OF HEARING

CASE NO. 523

ADA DEARNLEY & ASSOCIATES
COURT REPORTERS
ROOM 12, CROMWELL BLDG.
PHONES 7-9645 AND 5-9546
ALBUQUERQUE, NEW MEXICO

BEFORE THE
OIL CONSERVATION COMMISSION
STATE OF NEW MEXICO

Santa Fe, New Mexico
March 17, 1953.

In the Matter of: Application of the Oil Conservation Commission upon its own motion for an order revising rule 701 of the Oil Conservation Commission's Rules and Regulations to allow the Secretary of the Commission to approve the drilling of LPG storage wells provided certain conditions are met by the operator.	)	Case No. 523

TRANSCRIPT OF HEARING

(Notice of Publication read by Mr. Graham.)

MR. GRAHAM: I presume everyone has a copy of the blue sheets which contains the suggested changes?

MR. SPURRIER: Any comment on this proposed Rule 705?

MR. SMITH: May it please the Commission. J. K. Smith from Stanolind. We should like to suggest that the operators within the area described in Paragraph No. 1 be given notice simultaneously with the filing of the application of the admitted Rule 705, so that they will be apprized of what is being done in that area, and that if it interferes, of course, sufficient time will elapse, I presume, so that such operators who are notified may file appropriate protest with the Commission.

MR. MACEY: Ten days sufficient?

MR. SMITH: I would imagine so.

MR. COLLISTON: Paul Colliston, representing Continental.

I would like to concur with Continental and have added to the Rule provision for the notice to offset operators with sufficient time to protest, if they so desire.

MR. SPURRIER: Anyone else?

MR. SCOTT: Mr. Scott with Shell. I would like to concur with the statements of Stanolind.

MR. SPURRIER: Anyone else?

MR. SMITH: Do I understand that your suggestion of ten days will be from the time the Commission receives it?

MR. SPURRIER: No, the applicants.

MR. SMITH: I mean the offset operators received their copy of the notice. There may be some delay in the mails, of three or four days.

MR. MACEY: I was thinking of ten days after the Commission received the request of the application. They would wait for at least ten days, and I suppose they would want a verification there from the operators that he had submitted it to everybody, too.

MR. SPURRIER: Anyone else? If not the case will be taken under advisement. Without objection we will include this blue sheet to the transcript of the record at this time.

(Form C-101)
(Revised 7/1/52)

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

NOTICE OF INTENTION TO DRILL OR RECOMPLETE

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.

Artesia N. M. (Place) October 5, 1953 (Date)

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Gentlemen:

You are hereby notified that it is our intention to commence the (Drilling) (Recompletion) of a well to be known as Sacra Brothers Co. (Company or Operator), State (Lease), Well No. 3, in (Unit). The well is located 560 feet from the West line and 1975 feet from the South line of Section 22, T. 17, R. 29, NMPM, Pool, Eddy County.

(GIVE LOCATION FROM SECTION LINE)

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

If State Land the Oil and Gas Lease is No.

If patented land the owner is

Address

We propose to drill well with drilling equipment as follows: Cable tools.

The status of plugging bond is

Drilling Contractor A. F. Smith

We intend to complete this well in the Salt formation at an approximate depth of 700 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 5/8	7"OD	20#	New	500'	75

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.)

This well to be drilled for the purpose of creating underground storage in the salt section for LPG.

Approved NOV 10 1953, 19
Except as follows:

By OCC Order No. LPG-5

OIL CONSERVATION COMMISSION

By L. A. Sanders

Title

Sincerely yours,

Sacra Brothers Co.
(Company or Operator)

By B. N. Muncy Jr.

Position Manager

Send Communications regarding well to

Name B. N. Muncy, Jr.

Address 402 North First Artesia, N. M.

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Form C-116
Revised 7/1/55

RECEIVED
DEC 8 1959
O. C. C.
ARTESIA, OFFICE

(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 Arrow Gas Company Lease # BL - 96

Well No. 1-2-3 Storage for LPG Unit Letter 22 S 17S T 29 ER Pool

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

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

Authorized Transporter of Oil or Condensate

Address Box 1294, Roswell, N. M.
(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas

Address Date Connected
(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:

Under Ground Storage for Liquefied Petroleum Gas.

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

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

Change in Ownership (XX) Other ( )

Remarks: (Give explanation below)

Change in ownership from Sacra Brothers Co. to Arrow Gas Company
$10,000 Blanket Plugging Bond # 17196

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

Executed this the 7th day of December 1959

By T. J. Murray *T J Murray*

Title Secretary

Company Arrow Gas Company

Address Box 1294, Roswell, N. M.

Approved DEC 8 1959 19

OIL CONSERVATION COMMISSION

By *M L Armstrong*

Title OIL AND GAS INSPECTOR

SUBJECT: STORAGE OF LIQUEFIED PETROLEUM GAS November 10, 1953

APPLICATION OF SACRA BROTHERS COMPANY FOR PERMISSION TO DRILL A WELL FOR THE STORAGE OF LIQUEFIED PETROLEUM GAS IN NW/4 SW/4 SECTION 22, TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM, EDDY COUNTY, NEW MEXICO.

ORDER NO. LPG-5

ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION COMMISSION

Under the provisions of Order No. R-313 in Case 523, and Rule 705 of the Commission's Rules and Regulations established thereunder, Sacra Brothers Company made application to the Commission on October 29, 1953, for authority to drill an LPG-storage well in NW/4 SW/4 Section 22, Township 17 South, Range 29 East, NMPM, Eddy County, New Mexico, and

The Secretary - Director Finds:

(1) That application has been duly filed in proper form under the provisions of Rule 705;

(2) That satisfactory information has been provided that all operators of offset acreage within a one-half mile radius of the proposed well have been notified of the operators intention; and

(3) That no objections have been received within the ten-day waiting period as prescribed by said rule.

IT IS THEREFORE ORDERED:

That the applicant herein, Sacra Brothers Company, be and it hereby is authorized to complete its projected LPG storage well in NW/4 SW/4 Section 22, Township 17 South, Range 29 East, NMPM, Eddy County, New Mexico, as a storage well for liquefied petroleum gas;

That the effectiveness of this order is conditional upon the stipulation that the well be drilled to an approximate depth of 675', as set forth in operator's application, at which point a storage cavity will be washed out in the salt section for the specified use; further, that the Commission's approval be secured through Form C-101, Notice of Intention to Drill, and subsequent actual inspections of the casing operations on said well.

No part of this order shall be construed as relieving Sacra Brothers Company from liability to any person, firm or corporation as a result of the drilling or operation of such storage project.

By authority granted under provisions of Rule 705 of the Commission's Rules and Regulations, this order is issued and approved this 10th day of November, 1953.

State of New Mexico
Oil Conservation Commission

S E A L

R. R. Spurrier, Secretary-Director

(Revised 7/1/52)
(Form C-105)

N.

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.

Sacra Brothers Co. (Company or Operator) Leonard-State (Lease)

Well No. 1, in NW ¼ of SW ¼, of Sec. 22, T. 17S, R. 29E, NMPM.

Pool, Eddy County.

Well is 1193 feet from west line and 2069 feet from south line of Section 22. If State Land the Oil and Gas Lease No. is

Drilling Commenced May, 1952 Drilling was Completed May, 1952

Name of Drilling Contractor Olen F. Featherstone

Address Booker Building Artesia, N. M.

Elevation above sea level at Top of Tubing Head 3544.40 The information given is to be kept confidential until , 19

OIL SANDS OR ZONES

No. 1, from to No. 4, from to

No. 2, from to 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.

OIL CONSERVATION COMMISSION
ARTESIA, N. M.
NOV 1 6 1953

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
7"OD	20#	New	439	Texas Pat.			

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 5/8	7"OD	439	75	Halliburton		

RECORD OF PRODUCTION AND STIMULATION

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

Result of Production Stimulation

Depth Cleaned Out

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 657'7" 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
T. San Andres	T. Granite	T. Dakota
T. Glorieta	T.	T. Morrison
T. Drinkard	T.	T. Penn
T. Tubbs	T.	T.
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	70	70	Sandstone				
70	350	280	Gypsum and Selenite				
350	410	60	Halite-SomePolyhalite				
410	439	29	No samples				
439	441	2	Halite-some brown clay				
441	442	1	Anhydrite				
442	443	1	Brown clay				
442	459	7	Halite-very little clay				
459	461	2	Polyhalite				
461	488	17	Halite				
488	502	14	Halite-some polyhalite				
502	514	12	Anhydrite				
514	516	2	Gray caly				
516	669	153	Halite				
669	672	3	Anhydrite-Polyhalite				
672	673	1	Brown clay-Halite				
673	676	3	Polyhalite-Anhydrite				

OIL CONSERVATION COMMISSION
ARTESIA, NEW MEXICO
No. Copies Rec. 6
Operator 1
Production Office
State Land Office 1
U.S.G.S. 2
Transporter
File 1
B. of Mines 1

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.

June 10, 1953
(Date)

Company or Operator Sacra Brothers Co. Address 402 North First Artesia, N. M.

Name [signature] Position or Title Gen. Mgr.

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

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	
REPORT ON RESULT OF PLUGGING WELL		REPORT ON RECOMPLETION OPERATION		REPORT ON (Other)	x

June 10, 1953 (Date) Artesia, N. M. (Place)

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

Sacra Brothers Co. (Company or Operator) (Lease)

Olen F. Featherstone (Contractor), Well No. 1 in the NW ¼ SW ¼ of Sec. 22,

T. 17S, R. 29E, NMPM., Pool, Eddy County.

The Dates of this work were as folows: May, 1952

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

Drilled into Cowden Anhydrite and set 7" OD casing just above lower salt section. Circulated cement to to p. Drilled to bottom of lower salt section, and ran 3" tubing. Circulated fresh water in lower salt section to create cavity of 500,000 gallons. Cavity was loaded with 483,000 gallons of propane in October and unloaded in February and March. Beginning in August will be washed again until capacity reaches 1,000,000 gallons.

OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO. RECEIVED NOV 16 1953

Witnessed by B. N. Muncy, Jr. (Name) Sacra Brothers Co. (Company) Gen. Mgr. (Title)

Approved: OIL CONSERVATION COMMISSION

L. A. Stenson (Name)

OIL AND GAS INSPECTOR (Title) NOV 12 1953 (Date)

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

Name B. N. Muncy Jr.

Position Gen. Mgr.

Representing Sacra Brothers Co.

Address 402 North First Artesia, N. M.

RECEIVED
JUL 7 1953
Oil Cons. Comm.
Artesia Office

Company Sacra Bros

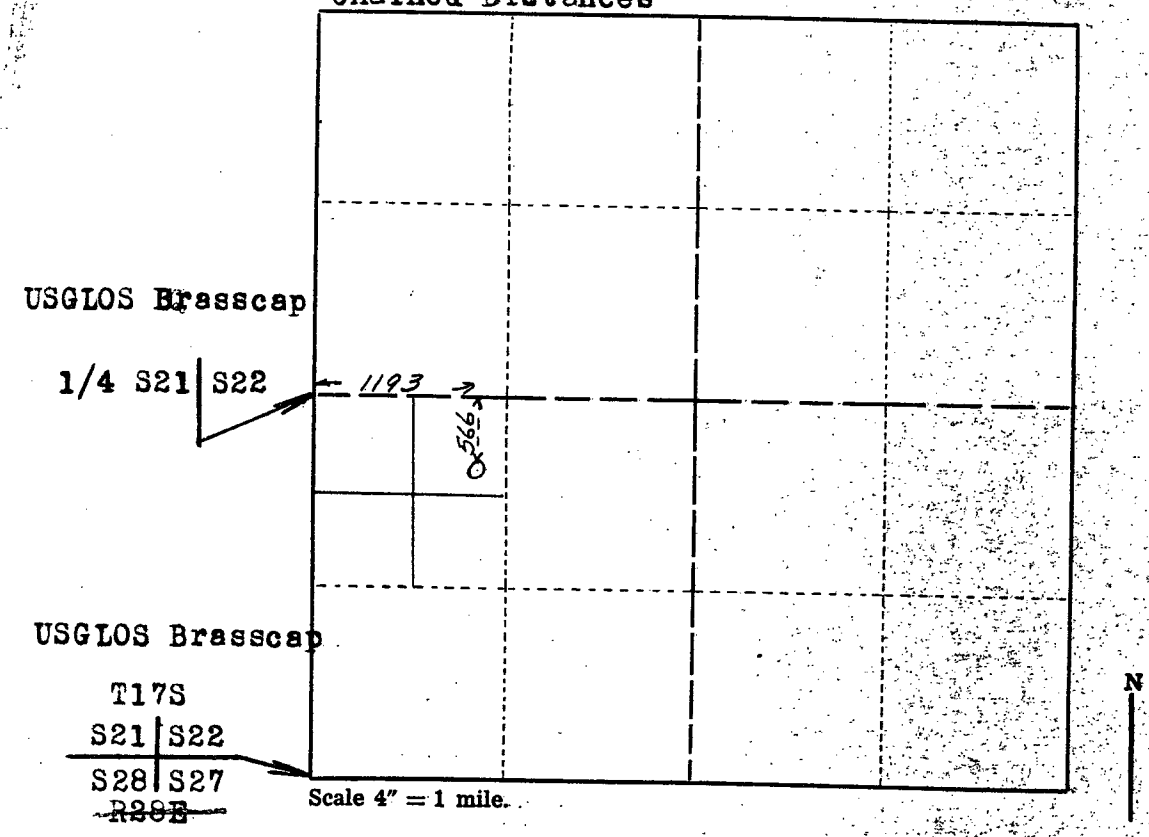
Lease Leonard-State Well No. 1

Sec. 22 T. 17 S., R. ~~28~~ 29 E., N.M.P.M.

Location NE¼NW¼SW¼ (1193' fr WL & 2069' fr SL)

County Eddy New Mexico

Chained Distances



Scale 4" = 1 mile.

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

John A. Mackey Jr.
Registered ~~Professional Engineer and~~ Land Surveyor

Seal:

Artesia, New Mexico

Surveyed June 1, 19 53

17532 Advocate Print

RECEIVED
NOV 16 1953
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

R.L.G.E. 116
Revised 7/1/55
DEC 8 1959
O. C. C.
ARTESIA, OFFICE

(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 Arrow Gas Company Lease # BL - 96

Well No. 1-2-3 Storage for gas Unit Letter 22 S 17S T 29 ER Pool

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

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

Authorized Transporter of Oil or Condensate

Address Box 1294, Roswell, N. M.
(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas

Address Date Connected
(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:
Under Ground Storage for Liquefied Petroleum Gas.

Reasons for Filing: (Please check proper box) New Well ( )
Change in Transporter of (Check One): Oil ( ) Dry Gas ( ) C'head ( ) Condensate ( )

Change in Ownership (XX) Other ( )
Remarks: (Give explanation below)

Change in ownership from Sacra Brothers Co. to Arrow Gas Company
$10,000 Blanket Plugging Bond # 17196

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

Executed this the 7th day of December 1959

By T. J. Murray T J Murray

Approved DEC 8 1959 19

Title Secretary

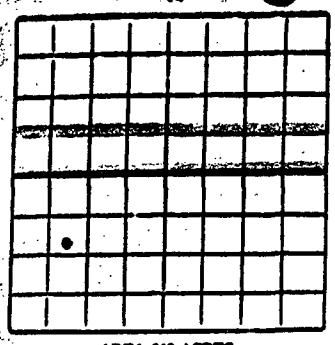
OIL CONSERVATION COMMISSION

Company Arrow Gas Company

By M L Armstrong
OIL AND GAS INSPECTOR

Address Box 1294, Roswell, N. M.

Title



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

J. P. G. Storage well

RECEIVED
JUN 29 1953
Oil Cons. Comm.
Artesia Office

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.

Sacra Brothers Co. (Company or Operator) Leased-State (Lease)

Well No. 1, in NW ¼ of SW ¼, of Sec. 22, T. 17S, R. 29E, NMPM

Pool, Eddy County.

Well is 1193 feet from west line and 2069 feet from south line of Section 22. If State Land the Oil and Gas Lease No. is

Drilling Commenced May, 1952. Drilling was Completed May, 1952

Name of Drilling Contractor Olen F. Featherstone

Address Booker Building Artesia, N. M.

Elevation above sea level at Top of Tubing Head 3544.40 The information given is to be kept confidential until, 19

OIL SANDS OR ZONES

No. 1, from to No. 4, from to

No. 2, from to 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.

OIL CONSERVATION COMMISSION
RECEIVED
NOV 16 1953

No. 1, from to feet.

No. 2, from to feet.

No. 3, from to feet.

No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
7"OD	20#	New	439	Texas Pat.			

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 5/8	7"OD	439	75	Halliburton		

RECORD OF PRODUCTION AND STIMULATION

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

Result of Production Stimulation

Depth Cleaned Out

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 657'7" 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	
T. San Andres	T. Granite	T. Dakota	
T. Glorieta	T.	T. Morrison	
T. Drinkard	T.	T. Penn	
T. Tubbs	T.	T.	
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	70	70	Sandstone				
70	350	280	Gypsum and Selenite				
350	410	60	Halite-SomePolyhalite				
410	439	29	No samples				
439	441	2	Halite-some brown clay				
441	442	1	Anhydrite				
442	443	1	Brown clay				
442	459	7	Halite-very little clay				
459	461	2	Polyhalite				
461	488	17	Halite				
488	502	14	Halite-some polyhalite				
502	514	12	Anhydrite				
514	516	2	Gray caly				
516	669	153	Halite				
669	672	3	Anhydrite-Polyhalite				
672	673	1	Brown clay-Halite				
673	676	3	Polyhalite-Anhydrite				

OIL CONSERVATION COMMISSION
ARTESIA DISTRICT OFFICE
No. Copies Received 6

DISTRIBUTION	NO. FURNISHED
Operator	
Santa Fe	1
Production Office	
State Land Office	1
U. S. G. S.	2
Transporter	
File	1
B. of Mines	1

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.

June 10, 1953
(Date)

Company or Operator Sacra Brothers Co. Address 402 North First Artesia, N. M.

Name [signature] Position or Title Gen. Mgr.

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

Oil Conservation Commission 1953 Artesia, N. M.

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	
REPORT ON RESULT OF PLUGGING WELL		REPORT ON RECOMPLETION OPERATION		REPORT ON (Other)	x

June 10, 1953 (Date) Artesia, N. M. (Place)

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

Sacra Brothers Co. (Company or Operator) (Lease)

Olen F. Featherstone (Contractor), Well No. 1 in the NW ¼ SW ¼ of Sec. 22,

T. 17S, R. 29E, NMPM., Pool, Eddy County.

The Dates of this work were as folows: May, 1952

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

Drilled into Cowden Anhydrite and set 7" OD casing just above lower salt section. Circulated cement to to p. Drilled to bottom of lower salt section, and ran 3" tubing. Circulated fresh water in lower salt section to create cavity of 500,000 gallons. Cavity was loaded with 483,000 gallons of propane in October and unloaded in February and March. Beginning in August will be washed again until capacity reaches 1,000,000 gallons.

OIL CONSERVATION COMMISSION NOV 16 1953

Witnessed by B. N. Muncy, Jr. (Name) Sacra Brothers Co. (Company) Gen. Mgr. (Title)

Approved: OIL CONSERVATION COMMISSION

L. A. Hanson (Name)

OIL CONSERVATION COMMISSION

(Title) (Date)

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

Name [illegible]

Position Gen. Mgr.

Representing Sacra Brothers Co.

Address 402 North First Artesia, N. M.

Company Sacra Bros

Lease Leonard-State Well No. 1

Sec. 22 T. 17 S., R. ~~28~~ 29 E., N.M.P.M.

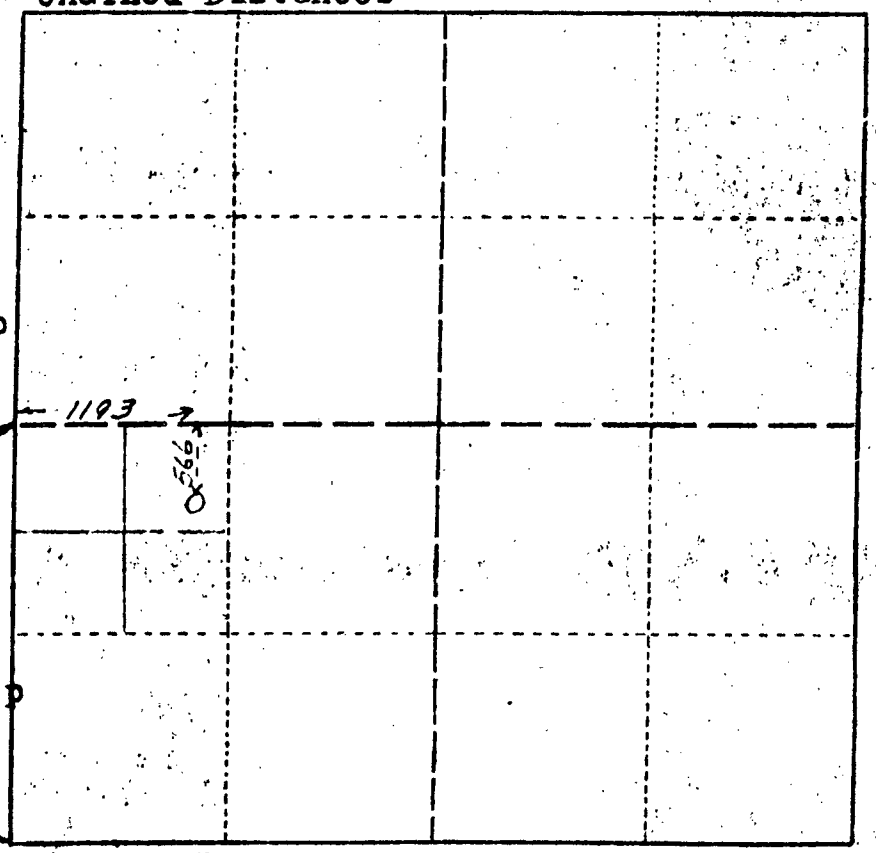
Location NE¼NW¼SW¼ (1193' fr WL & 2069' fr SL)

County Eddy New Mexico

Chained Distances

USGLOS Brasscap

1/4 S21 | S22



USGLOS Brasscap

T17S

S21 | S22

S28 | S27

~~R28E~~

R29E

N

Scale 4" = 1 mile.

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

John A. Mullins Jr.

Registered ~~Professional Engineer and~~ Land Surveyor.

Seal:

Artesia, New Mexico

Surveyed June 1, 19 53

17532 Advocate Print

SUBJECT: STORAGE OF LIQUEFIED PETROLEUM GAS NOVEMBER 10, 1953

APPLICATION OF SACRA BROTHERS COMPANY FOR PERMISSION TO DRILL A WELL FOR THE STORAGE OF LIQUEFIED PETROLEUM GAS IN NW/4 SW/4 SECTION 22, TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM, EDDY COUNTY, NEW MEXICO.

ORDER NO. LPG-5

ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION COMMISSION

Under the provisions of Order No. R-313 in Case 523, and Rule 705 of the Commission's Rules and Regulations established thereunder, Sacra Brothers Company made application to the Commission on October 29, 1953, for authority to drill an LPG-storage well in NW/4 SW/4 Section 22, Township 17 South, Range 29 East, NMPM, Eddy County, New Mexico, and

The Secretary - Director Finds:

(1) That application has been duly filed in proper form under the provisions of Rule 705;

(2) That satisfactory information has been provided that all operators of offset acreage within a one-half mile radius of the proposed well have been notified of the operators intention; and

(3) That no objections have been received within the ten-day waiting period as prescribed by said rule.

IT IS THEREFORE ORDERED:

That the applicant herein, Sacra Brothers Company, be and it hereby is authorized to complete its projected LPG storage well in NW/4 SW/4 Section 22, Township 17 South, Range 29 East, NMPM, Eddy County, New Mexico, as a storage well for liquefied petroleum gas;

That the effectiveness of this order is conditional upon the stipulation that the well be drilled to an approximate depth of 675', as set forth in operator's application, at which point a storage cavity will be washed out in the salt section for the specified use; further, that the Commission's approval be secured through Form C-101, Notice of Intention to Drill, and subsequent actual inspections of the casing operations on said well.

No part of this order shall be construed as relieving Sacra Brothers Company from liability to any person, firm or corporation as a result of the drilling or operation of such storage project.

By authority granted under provisions of Rule 705 of the Commission's Rules and Regulations, this order is issued and approved this 10th day of November, 1953.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

R. R. Spurrier, Secretary-Director

S E A L

12

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Form C-110
Revised 7/1/55

RECEIVED
DEC 8 1959
O. C. C.
ARTESIA, OFFICE

(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 Arrow Gas Company Lease # BL - 96

Well No. #-2-# Storage for LPG Unit Letter 22 S 17S T 29 ER Pool

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

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

Authorized Transporter of Oil or Condensate

Address Box 1294, Roswell, N. M.
(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas

Address Date Connected
(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:
Under Ground Storage for Liquefied Petroleum Gas.

Reasons for Filing: (Please check proper box) New Well ( )
Change in Transporter of (Check One): Oil ( ) Dry Gas ( ) C'head ( ) Condensate ( )

Change in Ownership (XX) Other ( )
(Give explanation below)

Remarks:
Change in ownership from Sacra Brothers Co. to Arrow Gas Company
$10,000 Blanket Plugging Bond # 17196

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

Executed this the 7th day of December 1959

By T. J. Murray T J Murray

Title Secretary

Company Arrow Gas Company

Address Box 1294, Roswell, N. M.

Approved DEC 8 1959 19

OIL CONSERVATION COMMISSION

By M L Armstrong
OIL AND GAS INSPECTOR

Title

(Revised 7/1/52)
(Form C-105)

N.

AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

L.P.G. well

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.

Sacra Brothers Co. (Company or Operator) Leonard State (Lease)

Well No. 2, in NW ¼ of SW ¼, of Sec. 22, T. 17S, R. ~~28E~~ 27E, NMPM.

Pool, Eddy County.

Well is 908 feet from west line and 1892 feet from South line of Section 22. If State Land the Oil and Gas Lease No. is

Drilling Commenced October 16, 19 52 Drilling was Completed October 23, 19 52

Name of Drilling Contractor A. F. Smith

Address 306 West Chisholm Artesia, N. M.

Elevation above sea level at Top of Tubing Head 3548.45 The information given is to be kept confidential until ....., 19.....

OIL SANDS OR ZONES

No. 1, from ..... to ..... No. 4, from ..... to .....

No. 2, from ..... to ..... 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 102 to 107 feet Rose to 37 ft.

No. 2, from ..... to ..... feet.

No. 3, from ..... to ..... feet.

No. 4, from ..... to ..... feet.

OIL CONSERVATION COMMISSION
NOV 1 6 1953

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8 5/8 OD	24#	New	130'	TexasPat.			Shut off Water
7 OD	20#	New	507'	Texas Pat.		–	
						–	

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 5/8	7 OD	507	85	Halliburton		

RECORD OF PRODUCTION AND STIMULATION

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

.....

.....

.....

.....

Result of Production Stimulation.....

.....

.....

.....Depth Cleaned Out.....

RECORD OF DRILL-STEM AND SPECIAL TEST

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.....0.....feet to....663.....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....40....	T. Devonian.....	T. Ojo Alamo.....
T. Salt....260....	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt....660....	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. .....
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	40	40	Red beds				
40	80	40	Anhydrite				
80	85	5	Red beds				
85	102	17 7	Anhydrite				
102	107	5	Red shale				
107	112	5	Anhydrite				
112	120	8	Red beds				
120	130	10	Anhydrite				
130	180	50	Red beds-Anhydrite shells				
180	225	45	Red beds-Anhydrite shells				
225	260	35	Shale				
260	280	20	Salt				
280	340	60	Anhydrite shells				
340	390	50	Salt-Anhydrite shells				
390	440	50	Salt				
440	497	57	Salt				
497	509	10	Anhydrite				
509	660	151	Salt				
660	660.5	.5	Polyhalite				
660.5	663	2.5	Anhydrite				

OIL CONSERVATION COMMISSION
ARTESIA, NEW MEXICO OFFICE
6
1
1
2
1
B. of Mines 1

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.

June 10, 1953
(Date)

Company or Operator....Sacra Brothers Co.....

Address....402 North First St. Artesia, N. M.....

Name....[signature]....

Position or Title....Gen. Mgr.....

(Form C-103)
(Revised 7/1/52)

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

RECEIVED JUN 23 1953

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	
REPORT ON RESULT OF PLUGGING WELL		REPORT ON RECOMPLETION OPERATION		REPORT ON (Other)	x

June 10, 1953 (Date) Artesia, N. M. (Place)

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

Sacra Brothers Co. (Company or Operator) (Lease)

A. F. Smith (Contractor), Well No. 2 in the NW ¼ SW ¼ of Sec. 22,

T. 17S, R. 29E, NMPM., Pool, Eddy County.

The Dates of this work were as folows: October 16- Octob er 23,1952

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

Drilled into Cowden Anhydrite and set & 7" OD casing just above lower salt section. Circulated cement to top. Drilled to bottom of lower salt section, and ran 3" tubing. Circulated fresh water in lower salt section to create cavity. As of June 1, cavity was 7 50,000 gallons in capacity, with washing to continue until cavity reaches 1,000,000 gallons capacity.

OIL CONSERVATION COMMISSION RECEIVED NOV 16 1953

Witnessed by B. N. Muncy, Jr. (Name) Sacra Brothers Co. (Company) Gen. Mgr. (Title)

Approved: OIL CONSERVATION COMMISSION

L. C. Lamson (Name)

OIL AND GAS INSPECTOR (Title) NOV 12 1953 (Date)

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

Name B. N. Muncy Jr.

Position Gen. Mgr.

Representing Sacra Brothers Co.

Address 402 North First-Artesia, N. M.

RECEIVED
JUL 7 1953
Oil Cons. Comm.
Artesia Office

Company Sacra Bros

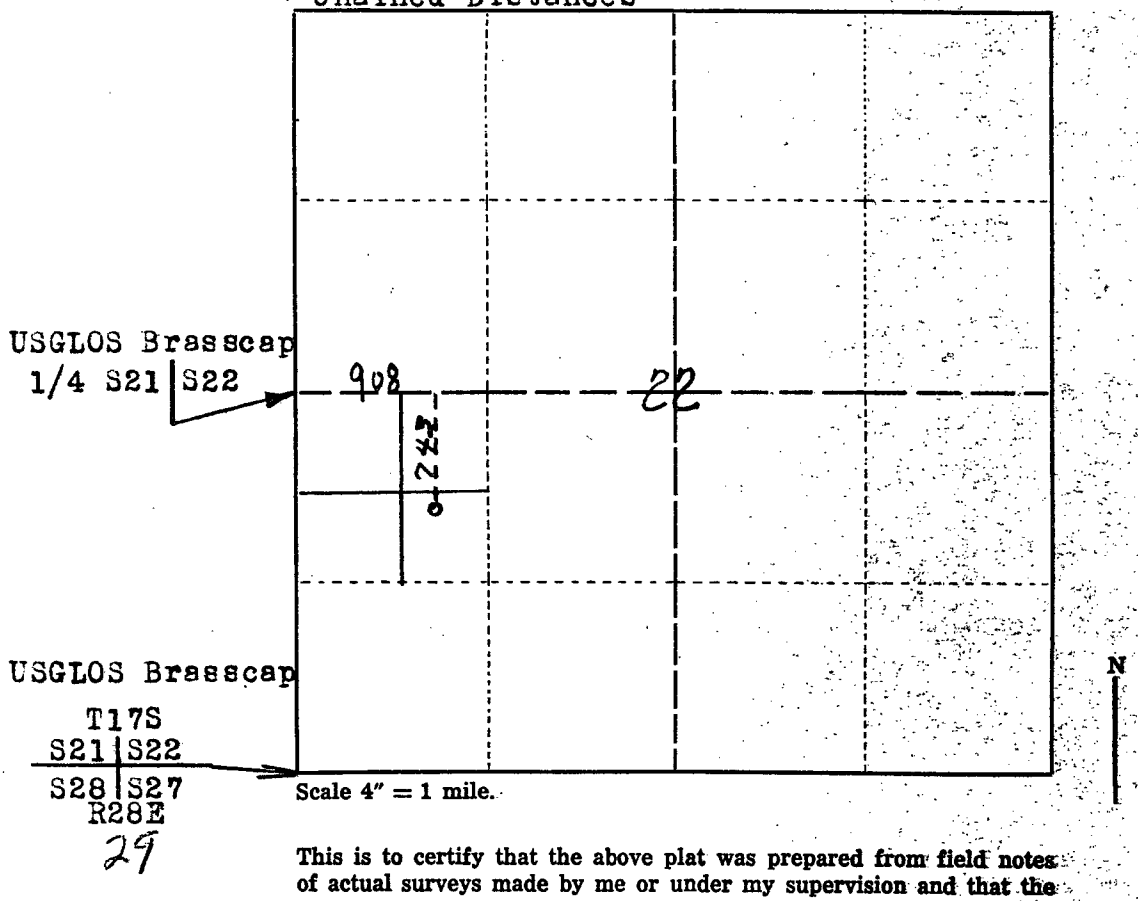
Lease Leonard State Well No. 2

Sec. 22 T. 17 S., R. 29 ~~28~~ E., N.M.P.M.

Location SE¼NW¼SW¼(908' fr WL & 1892' fr SL)

County Eddy, New Mexico

Chained Distances



Scale 4" = 1 mile.

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

John A. Mecham Jr.

Registered ~~Professional Engineer and~~ Land Surveyor

Seal:

Artesia, New Mexico

Surveyed June 1, 1953

17532 Advocate Print

RECEIVED
NOV 16 1953
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

SUBJECT: STORAGE OF LIQUEFIED PETROLEUM GAS NOVEMBER 10, 1953

APPLICATION OF SACRA BROTHERS COMPANY FOR PERMISSION TO DRILL A WELL FOR THE STORAGE OF LIQUEFIED PETROLEUM GAS IN NW/4 SW/4 SECTION 22, TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM, EDDY COUNTY, NEW MEXICO.

ORDER NO. LPG-5

ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION COMMISSION

Under the provisions of Order No. R-313 in Case 523, and Rule 705 of the Commission's Rules and Regulations established thereunder, Sacra Brothers Company made application to the Commission on October 29, 1953, for authority to drill an LPG-storage well in NW/4 SW/4 Section 22, Township 17 South, Range 29 East, NMPM, Eddy County, New Mexico, and

The Secretary - Director Finds:

(1) That application has been duly filed in proper form under the provisions of Rule 705;

(2) That satisfactory information has been provided that all operators of offset acreage within a one-half mile radius of the proposed well have been notified of the operators intention; and

(3) That no objections have been received within the ten-day waiting period as prescribed by said rule.

IT IS THEREFORE ORDERED:

That the applicant herein, Sacra Brothers Company, be and it hereby is authorized to complete its projected LPG storage well in NW/4 SW/4 Section 22, Township 17 South, Range 29 East, NMPM, Eddy County, New Mexico, as a storage well for liquefied petroleum gas;

That the effectiveness of this order is conditional upon the stipulation that the well be drilled to an approximate depth of 675', as set forth in operator's application, at which point a storage cavity will be washed out in the salt section for the specified use; further, that the Commission's approval be secured through Form C-101, Notice of Intention to Drill, and subsequent actual inspections of the casing operations on said well.

No part of this order shall be construed as relieving Sacra Brothers Company from liability to any person, firm or corporation as a result of the drilling or operation of such storage project.

By authority granted under provisions of Rule 705 of the Commission's Rules and Regulations, this order is issued and approved this 10th day of November, 1953.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

R. R. Spurrier, Secretary-Director

S E A L

OIL CONSERVATION COMMISSION
P. O. BOX 871
SANTA FE, NEW MEXICO

November 10, 1953

Mr. T. A. Sacra, President
Sacra Brothers Company
Box 1294
ROSWELL N M

Dear Sir:

We enclose signed copy of Order LPG-5 issued to cover the drilling of your projected LPG storage well in NW/4 SW/4 Section 28, Township 17 South, Range 29 East, NMPM, Eddy County.

Very truly yours,

W. B. Macey,
Chief Engineer

WBM:mr

COPY

cc: Oil Conservation Commission:
Artesia
Hobbs

N. M. Oil & Gas Engineering Committee
Hobbs N M

SUBJECT: STORAGE OF LIQUEFIED PETROLEUM GAS NOVEMBER 10, 1953

APPLICATION OF SACRA BROTHERS COMPANY FOR PERMISSION TO DRILL A WELL FOR THE STORAGE OF LIQUEFIED PETROLEUM GAS IN NW/4 SW/4 SECTION 22, TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM, EDDY COUNTY, NEW MEXICO.

ORDER NO. LPG-5

ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION COMMISSION

Under the provisions of Order No. R-313 in Case 523, and Rule 705 of the Commission's Rules and Regulations established thereunder, Sacra Brothers Company made application to the Commission on October 29, 1953, for authority to drill an LPG-storage well in NW/4 SW/4 Section 22, Township 17 South, Range 29 East, NMPM, Eddy County, New Mexico, and

The Secretary - Director Finds:

(1) That application has been duly filed in proper form under the provisions of Rule 705;

(2) That satisfactory information has been provided that all operators of offset acreage within a one-half mile radius of the proposed well have been notified of the operators intention; and

(3) That no objections have been received within the ten-day waiting period as prescribed by said rule.

IT IS THEREFORE ORDERED:

That the applicant herein, Sacra Brothers Company, be and it hereby is authorized to complete its projected LPG storage well in NW/4 SW/4 Section 22, Township 17 South, Range 29 East, NMPM, Eddy County, New Mexico, as a storage well for liquefied petroleum gas;

That the effectiveness of this order is conditional upon the stipulation that the well be drilled to an approximate depth of 675', as set forth in operator's application, at which point a storage cavity will be washed out in the salt section for the specified use; further, that the Commission's approval be secured through Form C-101, Notice of Intention to Drill, and subsequent actual inspections of the casing operations on said well.

No part of this order shall be construed as relieving Sacra Brothers Company from liability to any person, firm or corporation as a result of the drilling or operation of such storage project.

By authority granted under provisions of Rule 705 of the Commission's Rules and Regulations, this order is issued and approved this 10th day of November, 1953.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

R. R. Spurrier

R. R. Spurrier, Secretary-Director

SEAL

Sacra Brothers Co.

P. O. BOX 1294 — ROSWELL, NEW MEXICO

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
OCT 27 1953

October 27, 1953

Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Attention: Mr. R. R. Spurier

Gentlemen:

In accordance with our instructions, we are advising your office that all operators within one half miles of our proposed salt storage cavity, located in the NW¼ of the SW¼ of Section 22, T17S, R29E, have been notified.

Very truly yours,

SACRA BROTHERS COMPANY

T. A. Sacra
President

TAS/dh

LIQUIFIED PETROLEUM GASES

Sacra Brothers Co.

BUTANE - PROPANE OPERATORS & SUPPLIERS

P. O. BOX 1294 — ROSWELL, NEW MEXICO

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
RECEIVED
OCT 29 1953

October 27, 1953

Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Attention: Mr. R. R. Spurier

Gentlemen:

This letter is to ask the permission of the Oil Conservation Commission to drill and wash a salt storage cavity for the purpose of storing Liquiefied Petroleum Gases.

This well would be located in the NW¼ of the SW¼ of Section 22, T17S, R29E. As we have stated under separate heading, all operators within one half miles of the location have been notified. The well will probably be drilled to a depth of 675 feet.

Thanking you for your consideration, we remain

Yours very truly,

SACRA BROTHERS COMPANY

T. A. Sacra
President

TAS/dh

Sacra Brothers Co.

SUBJECT: STORAGE OF LIQUEFIED PETROLEUM GAS

November 10, 1953

APPLICATION OF SACRA BROTHERS COMPANY FOR PERMISSION TO DRILL A WELL FOR THE STORAGE OF LIQUEFIED PETROLEUM GAS IN NW/4 SW/4 SECTION 22, TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM, EDDY COUNTY, NEW MEXICO.

ORDER NO. LPG-5

ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION COMMISSION

Under the provisions of Order No. R-313 in Case 523, and Rule 705 of the Commission's Rules and Regulations established thereunder, Sacra Brothers Company made application to the Commission on October 29, 1953, for authority to drill an LPG-storage well in NW/4 SW/4 Section 22, Township 17 South, Range 29 East, NMPM, Eddy County, New Mexico, and

The Secretary - Director Finds:

(1) That application has been duly filed in proper form under the provisions of Rule 705;

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IT IS THEREFORE ORDERED:

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That the effectiveness of this order is conditional upon the stipulation that the well be drilled to an approximate depth of 675', as set forth in operator's application, at which point a storage cavity will be washed out in the salt section for the specified use; further, that the Commission's approval be secured through Form C-101, Notice of Intention to Drill, and subsequent actual inspections of the casing operations on said well.

No part of this order shall be construed as relieving Sacra Brothers Company from liability to any person, firm or corporation as a result of the drilling or operation of such storage project.

By authority granted under provisions of Rule 705 of the Commission's Rules and Regulations, this order is issued and approved this 10th day of November, 1953.

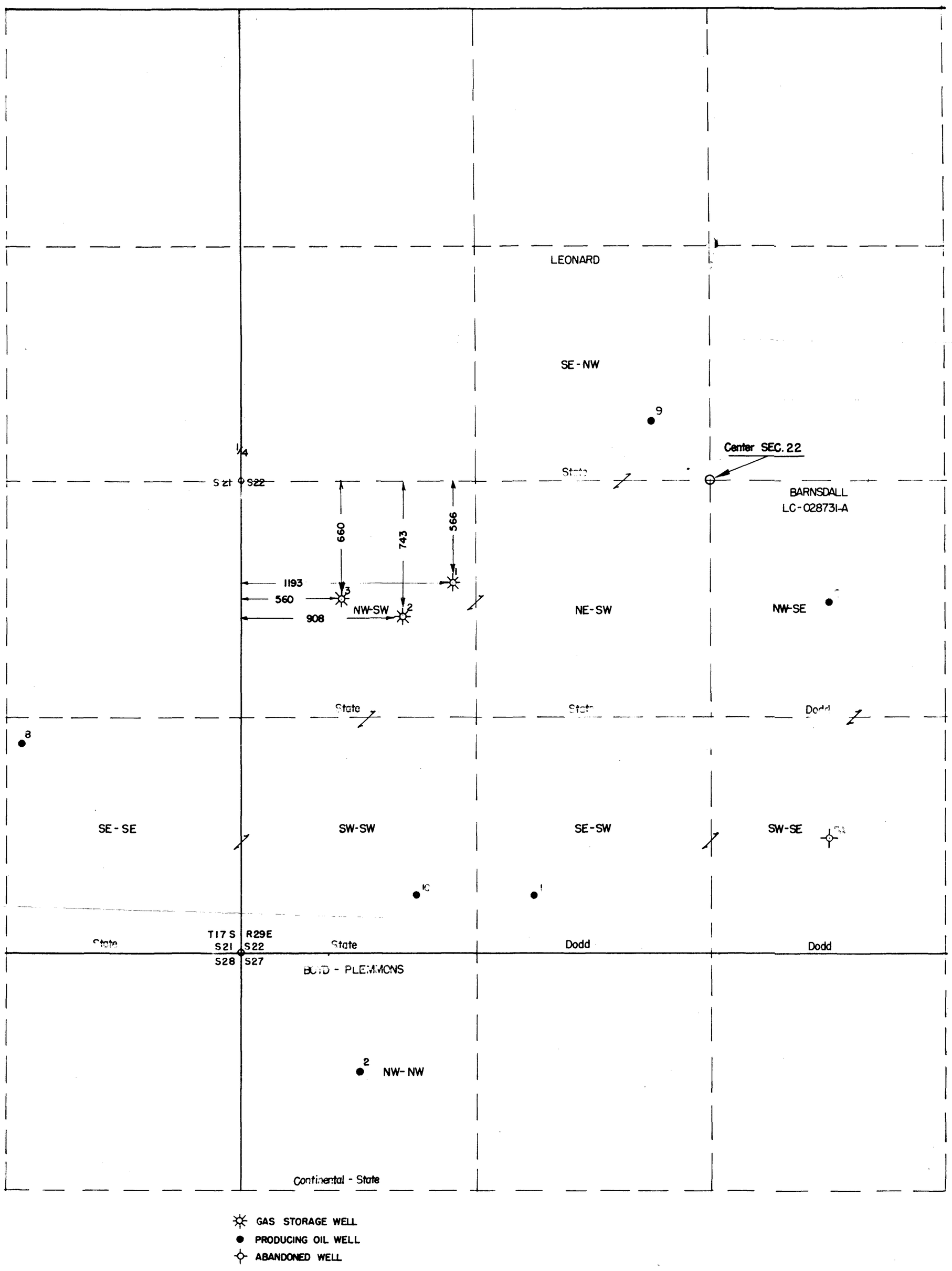
State of New Mexico
Oil Conservation Commission

S E A L

R. R. Spurrier, Secretary-Director

PLAT

SHOWING LOCATION OF WELLS ADJACENT TO GAS STORAGE WELLS
SACRA BROS. LOCO HILLS UNDERGROUND STORAGE

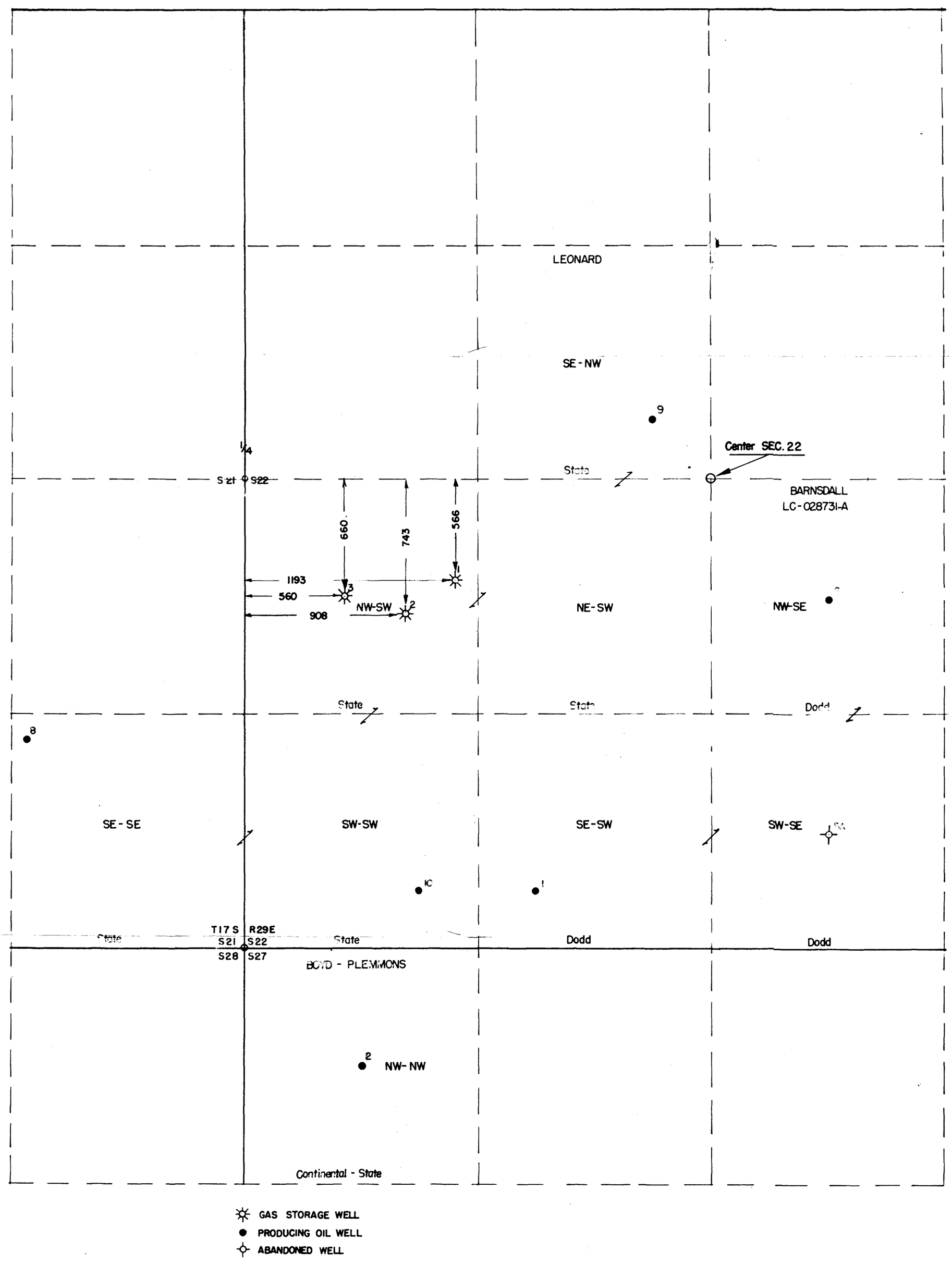


GAS STORAGE WELL
PRODUCING OIL WELL
ABANDONED WELL

SCALE 1" = 400'

PLAT

SHOWING LOCATION OF WELLS ADJACENT TO GAS STORAGE WELLS
SACRA BROS. LOCO HILLS UNDERGROUND STORAGE



SCALE 1" = 400'

Company Sacra Bros

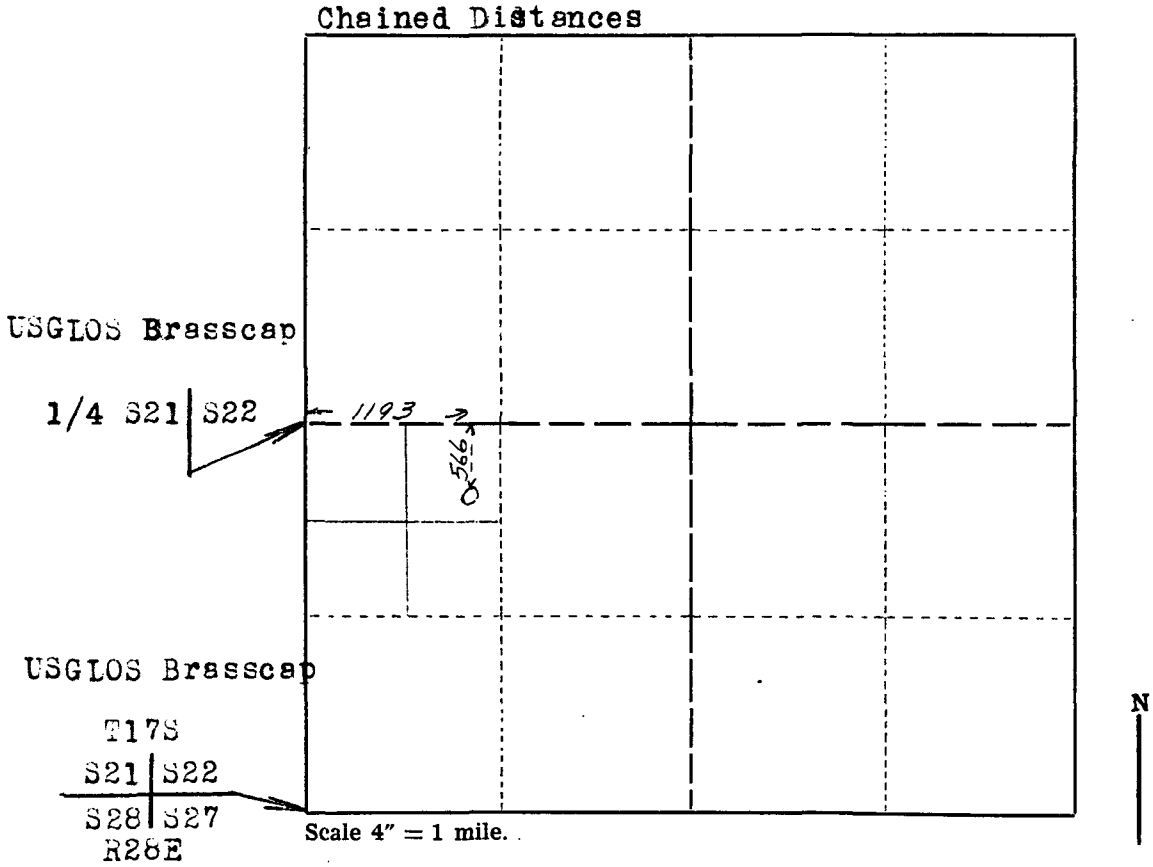
Lease Leonard-State Well No. 1

Sec. 22 T. 17 S., R. 28 E., N.M.P.M.

Location NE¼NW¼SW¼ (1193' fr WL & 2069' fr SL)

County Eddy, New Mexico

Chained Distances



Scale 4" = 1 mile.

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

John A. Mackey Jr.

Registered ~~Professional Engineer and~~ Land Surveyor.

Seal:

Artesia, New Mexico

Surveyed June 1, 19 53

17532 Advocate Print

Company Sacra Bros

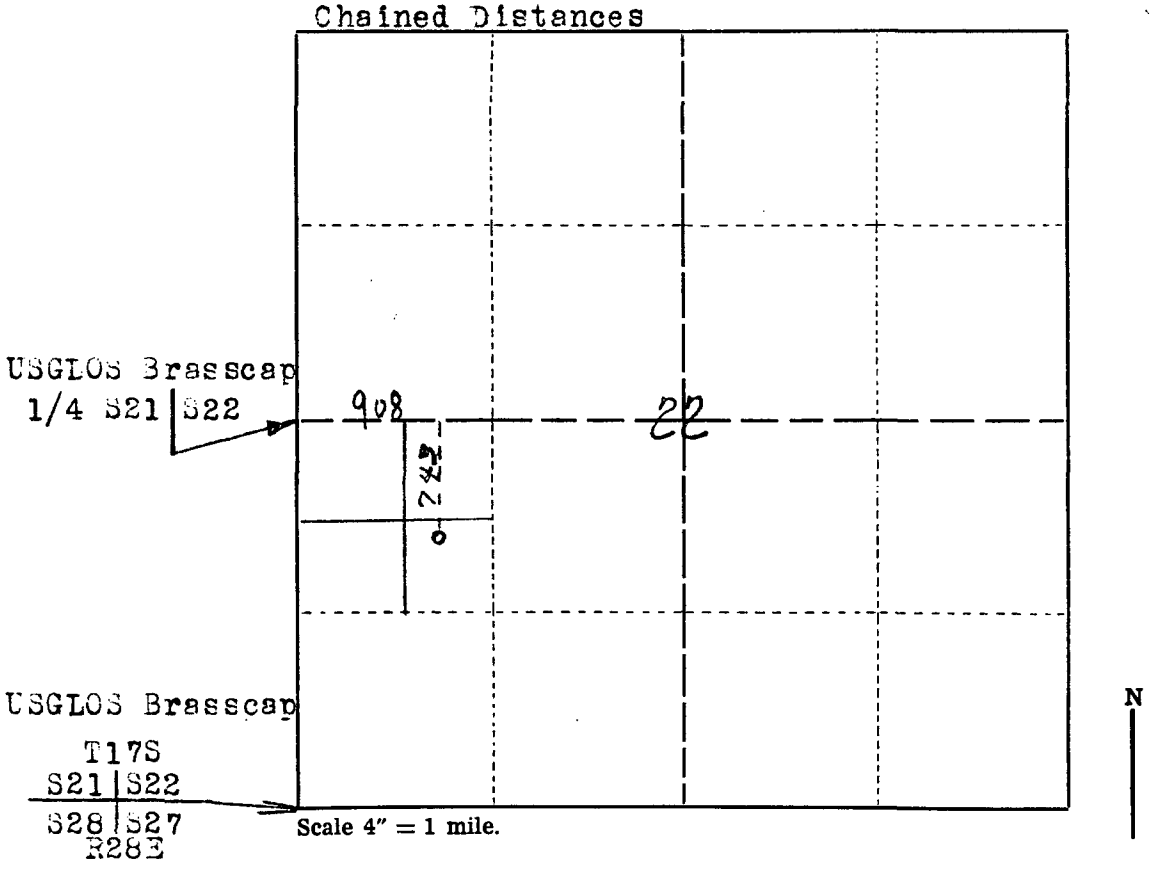
Lease Leonard State Well No. 2

Sec. 22 T. 17 S., R. 28 E., N.M.P.M.

Location SE¼NW¼SW¼ (908' fr WL & 1892' fr SL)

County Eddy, New Mexico

Chained Distances



Scale 4" = 1 mile.

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

John A Mathis Jr

Seal:

Registered ~~Professional~~ ~~Engineer and~~ Land Surveyor.

Artesia, New Mexico

Surveyed June 1, 19 53

17532 Advocate Print

Company Sacra Bros.

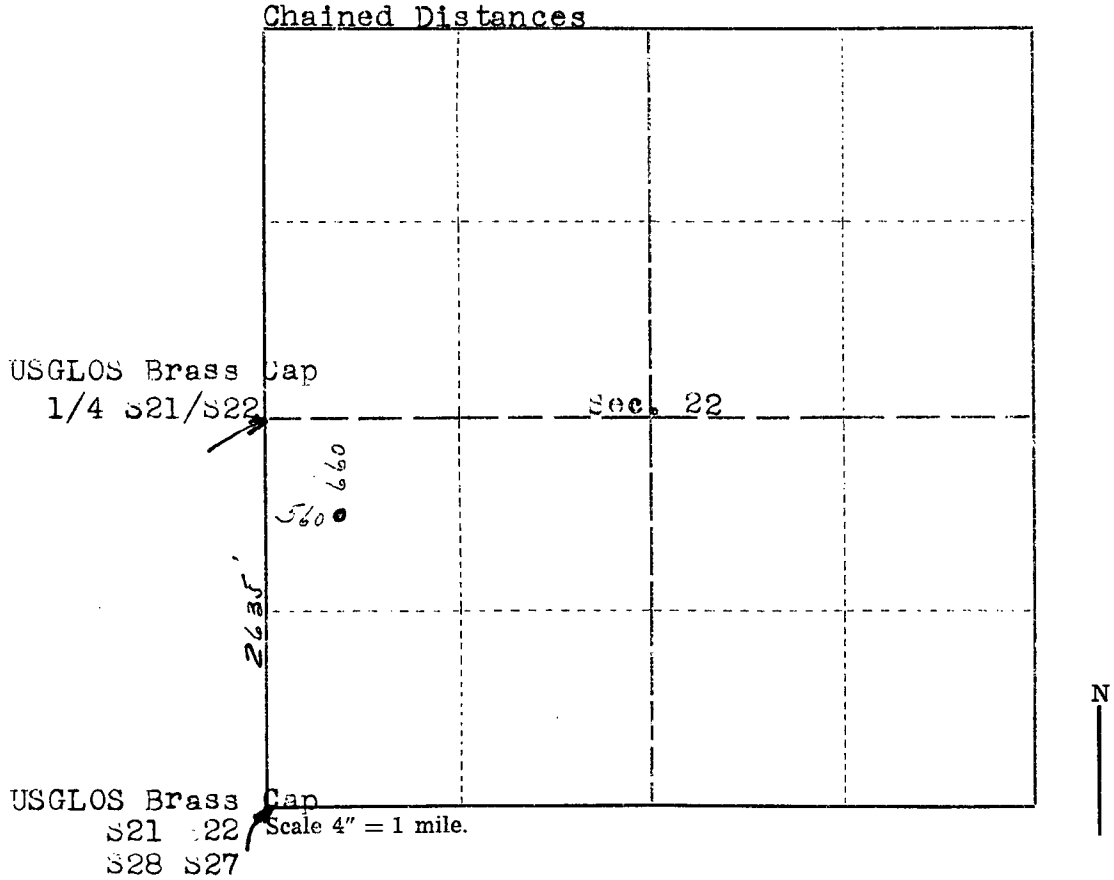
Lease Leonard-State Well No. 5

Sec. 22 T. 17 S., R. 29 E., N.M.P.M.

Location 560 ft. fr WL & 1975 ft. fr SL

County Eddy, New Mexico

Chained Distances



Scale 4" = 1 mile.

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

John A Mathis Jr

Registered ~~Professional Engineer and~~ Land Surveyor.

Seal:

Artesia, New Mexico

Surveyed October 8, 1953

17532 Advocate Print