

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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SANTA FE	
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LAND OFFICE	
OPERATOR	

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

Form C-103
Revised 10-1-78

5a. Indicate Type of Lease	
State ☐	Fee ☐
5. State Oil & Gas Lease No.	
Federal LC-059152	

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL ☐ GAS WELL ☐ OTHER- WIW		7. Unit Agreement Name	
2. Name of Operator Brothers Production Company		8. Farm or Lease Name Johns "B" DE	
3. Address of Operator P.O. Box 7515 Midland, Texas 79708		9. Well No. 2	
4. Location of Well UNIT LETTER <u>L</u> , <u>1980</u> FEET FROM THE <u>South</u> LINE AND <u>620</u> FEET FROM THE <u>West</u> LINE, SECTION <u>24</u> TOWNSHIP <u>17S</u> RANGE <u>32E</u> NMPM.		10. Field and Pool, or Wildcat Maljamar	
15. Elevation (Show whether DF, RT, GR, etc.) 4047' DF		12. County Lea	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☒ Move Packer	CASING TEST AND CEMENT JOBS ☐	OTHER ☐

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Pressure has appeared on the tbg/csg annulus of the subject injection well. The packer and tbg were tested to 3500 psi with no leaks. We believe the 4½ liner top at 3670' is leaking. We would like to set a 7" packer at 3665' above the liner to isolate the leak. The injection fluid should then go below the 7" shoe at 3758' into the Grayburg formation and thru the existing perms at 4070-4100 and 4141-4155.

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

SIGNED Scott M. Law TITLE Production Engineer DATE 2/26/90

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:



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

5 AM 10 27

GARREY CARRUTHERS
GOVERNOR

February 27, 1990

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 393-6161

Scott McGraw
Brothers Production Company
P. O. Box 7515
Midland, Texas 79708

Re: Johns B #2, Sec. 24, T17S, R32E

Dear Mr McGraw:

In reference to your request to move the packer up the hole from the approved depth in the above referenced well, it will be necessary to obtain approval from the Santa Fe office.

You may contact David Catanach at the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87504-2088, with your request.

If you wish to consult with Mr. Catanach prior to submitting your request, he may be reached at (505) 827-5807.

Very truly yours

OIL CONSERVATION DIVISION

Jerry Sexton

Jerry Sexton
Supervisor, District I

JS:bp

File

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

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SUNDRY NOTICES AND REPORTS ON WELLS

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15. Elevation (Show whether DF, RT, GR, etc.) 4047' DF	12. County Lea

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

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

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Pressure has appeared on the tbg/csg annulus of the subject injection well. The packer and tbg were tested to 3500 psi with no leaks. We believe the 4 1/2" liner top at 3670' is leaking. We would like to set a 7" packer at 3665' above the liner to isolate the leak. The injection fluid should then go below the 7" shoe at 3758' into the Grayburg formation and thru the existing perms at 4070-4100 and 4141-4155.

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

SIGNED Scott M. Shaw TITLE Production Engineer DATE 2/26/90

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLO
(Other Instructions
verse side)

E-
re-

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐ Sinclair Oil Corporation Merged into Atlantic Richfield Company		5. LEASE DESIGNATION AND SERIAL NO. LC 059152 (b)
2. NAME OF OPERATOR Sinclair Oil & Gas Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 1920, Hobbs, New Mexico		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1980' from the South line and 620' from the West line		8. FARM OR LEASE NAME Johns "B" DE
14. PERMIT NO.		9. WELL NO. 2
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4047' DF		10. FIELD AND POOL, OR WILDCAT Maljamar
		11. SEC. T. R. M. OR BLK. AND SURVEY OR AREA 24-T17S-R32E
		12. COUNTY OR PARISH Lea
		13. STATE New Mex.

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐
WATER SHUT-OFF	☐	RETAINING WELL	☐
FRACURE TREAT	☐	FRACURE TREATMENT	☐
SHOOT OR ACIDIZE	☐	ALTERING CASING	☐
REPAIR WELL	☐	ABANDONMENT	☐
(Other)	☐	(Other) Run 4-1/2" csg. log, perf. & X acidize	☒

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

9-13-66 Spot 1800 gals. Xylene 3750-4300', soaked 2 hrs. reversed out.

9-14-66 Spot 150 sks. Incor Class C Cement w/1% Halad 9 plus 1% Ca. Chl. 3600-4300' to Ran 628' 4-1/2"OD liner, liner stopped @ 3900', worked down to 4020', could not get lower, pulled liner and drilled cement out to 4300'.

9-20-66 Spot 125 sks. Class C (Incor) Cement w/4% Gel and .8% Halad 9, .8% CFR to 3670-4300', ran 628' of 4-1/2"OD 9.5# J-55 8r casing F/liner and hung liner

9-23-66 3670-4298'. Estimated top cement 3320'. WOC 72 hrs.

9-24-66 Pressure tested top of liner @ 3670' to 3000# for 30 mins. Tested O.K.

9-25-66 Ran Gamma Neutron log. Jet perforated Grayburg 4070-75-4089-92, 4097-4100, 4141-43-4148-55' w/40 3/8" holes.

9-27-66 Acidized perfs. (Grayburg) 4141-4155' w/750 gals. BDA Max. Press. 3400#, Min. Press. 1600# @ 1 BPM, Inst. SIP 2000#, 10 mins. SIP 1200#. Acidized perfs. 4070-4100' w/250 gals. MA Max. Press. 2500#, Min. Press. 1700# @ 1.4 BPM. Inst. SIP 2000#, 10 mins. SIP 1200#.

9-28-66 Ran 2-3/8"OD LUE 4.7# internally coated tubing and Lok-Set Packer set @ 3885'. Seat Nipple @ 3880'. Injected 423 BFW into Grayburg thru perfs. 4070-4155' in 12 hours. @ Max. Press. 2000#. Completed as Water Injection Well in Sinclair Maljamar Johns Waterflood Project, eff 9-28-66.

APPROVED

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE Superintendent DATE 9-29-66

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side Orig&2cc:USGS Hobbs
cc: Regional Office
cc: file

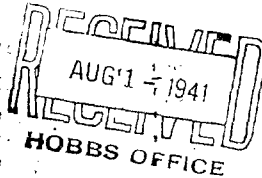
ILLEGIBLE

N

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico



WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Drilling & Exploration Co., Inc. P.O. Box 1575 Hobbs, New Mexico
Company or Operator Address

RUTH DAY JOHNS "B" Well No. 2-BX in NW/SE of Sec. 24 T-17S
Lease

R-32E N. M. P. M. Baish Field, Lea County.

Well is 330 feet south of the North line and 4660 feet west of the East line of Section 24

If State land the oil and gas lease is No. Assignment No.

If patented land the owner is Address

If Government land the permittee is RUTH DAY JOHNS Address Las Cruces, New Mexico

The Lessee is Address

Drilling commenced April 29 1941 Drilling was completed July 24 1941

Name of drilling contractor Van S. Welch Address Artesia, New Mexico

Elevation above sea level at top of casing 4040 feet.

The information given is to be kept confidential until Notconfidential 19

OIL SANDS OR ZONES

No. 1, from 3855 to 3922 No. 4, from 4219 to 4232

No. 2, from 4015 to 4059 No. 5, from 4284 to 4307

No. 3, from 4145 to 4168 No. 6, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from None to feet.

No. 2, from to feet.

No. 3, from to feet.

No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THICKNESS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
10-3/4	40.5#	10	S.H.	153-671	Larkin	-	-	-	-
8-5/8	28#	10	S.H.	1048	"	-	-	-	-
7"	22#	8	Wheeling	3755	"	-	-	-	-

MUDDING AND CEMENTING RECORD

ILLEGIBLE

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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15. Elevation (Show whether DF, RT, GR, etc.) 4047' DF		12. County Lea

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NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐	COMMENCE DRILLING OPERATIONS ☐
PULL OR ALTER CASING ☐	CASING TEST AND CEMENT JOBS ☐
OTHER <u>Move Packer</u> ☒	OTHER ☐
PLUG AND ABANDON ☐	ALTERING CASING ☐
CHANGE PLANS ☐	PLUG AND ABANDONMENT ☐

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Pressure has appeared on the tbg/csg annulus of the subject injection well. The packer and tbg were tested to 3500 psi with no leaks. We believe the 4 1/2" liner top at 3670' is leaking. We would like to set a 7" packer at 3665' above the liner to isolate the leak. The injection fluid should then go below the 7" shoe at 3758' into the Grayburg formation and thru the existing perfs at 4070-4100 and 4141-4155.

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APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

SUNDRY NOTICES AND REPORTS ON WELLS
(Do not use this form for proposals to drill or in development of a mineral interest. Use "APPLICATION FOR PERMIT" for such proposal.)

1. ☒ WELL ☐ OIL ☐ OTHER

2. NAME OF OPERATOR

Sinclair Oil & Gas Company

3. ADDRESS OF OPERATOR

P. O. Box 1927, Hobbs, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. If any space is below, it is for the operator's use.)

1980 feet from the oil line and 620 feet from the west line of Section 24-T17S-R32E

11. PERMIT NO.

12. ELEVATIONS (Show whether by, ft., or etc.)

4047 DF

7. UNIT AGREEMENT NAME

8. NAME OF LEASE NAME

Johns "B" DE

9. WELL NO.

2

10. FIELD AND POOL, OR VICINITY

Maljamar

11. SEC., T., R. N., OR BLM. AND NUMBER OF AREA

24-T17S-R32E

12. COUNTY OR PARISH

Lea

13. STATE

New Mex

14.

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEMP WATER SHUT-OFF
PERMANENT TREAT
ABANDON ON ACIDIZING
OIL WELL

--	--	--	--	--

PULL OR ALTER CASING
MULTIPLE COMPLETERS
ABANDON
CHANGE PLANS

--	--	--	--	--

WATER SHUT-OFF
FRACTURE TREATMENT
ABANDON ON ACIDIZING
(Other)

--	--	--	--	--

REPAIRING WELL
ALTERING CASING
ABANDONING

--	--	--	--	--

15. OTHER COMMENTS OR COMMENTS ON OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated dates of starting and completion of work. If well is directionally drilled, give substantial headings and measured and true vertical depths for all matters and curves in well to the work.)

4300', Well Presently completed in Grayburg San Andres 3751-4300' open hole.
7"CD 20# casing set @ 3675'.

PROPOSE TO: Run 4-1/2"CD 11.60# J-55 casing to TD 4300' and cement w/approx.
300 sacks and tie into 7"CD casing @ 3500'. Log and perforate approx.
3800-4200'. Acidize w/approx. 250 gals., test and run tubing and
packer. Convert from oilwell to water injection well in Sinclair
Maljamar Johns Waterflood Project.

ILLEGIBLE

14. PERMIT NO.

15. ELEVATION (Show whether ft., m., etc.)

24-T17S-R32E

16. COUNTY OR PARISH
LOLA

17. STATE
New Mex.

40471 DE

18. Check Appropriate Notice of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

THAT WATER SHUT-OFF
PACED OR TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other)

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON
CHANGE PLANS

WATER SHUT-OFF
PACED OR TREAT
SHOOT OR ACIDIZING
(Other)

REPAIRING WELL
ALTERING CASING
ABANDONMENT
X acidize

(Notes: Report results of multiple completion on well to convert to completion or recompletion Report and Log form.)

17. SPECIFIC PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and also pertinent data, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all surfaces and bottom profile next to this work.)

- 9-13-66 Spot 1800 gals. Xylene 3750-4300', soaked 2 hrs. reversed out.
- 9-14-66 Spot 150 sks. Incon Class C Cement w/1/2 Haled 9 plus 1/2 Oz. Oil. 3600-4300'
- 9-20-66 Not get lower, pull 1/2" and drilled cement out to 4300'.
- 9-21-66 Spot 125 sks. Class C (Incon) Cement w/4/8 Gel and .8% Haled 9, .8% CFR 2
- 9-21-66 3670-4300', ran 628' of 4-1/2"OD 9.5# J-55 br casing F/liner and hung liner
- 9-21-66 3670-4298'. Estimated top cement 3320'. WUC 72 hrs.
- 9-21-66 Pressure tested top of liner @ 3670' to 3000# for 30 mins. Tested O.K.
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- 9-28-66 Ran 2-3/8"OD SUE 4.7# internally coated tubing and Lok-Set Packer set @ 3885'. Seat Nipple @ 3880'. Injected 423 BW 1-into Grayburg thru perfs. 4070-4155' in 12 hours. @ Max. Press. 2000#. Completed as Water Injection Well in 81-gal.
- Maljamar Johns Waterflood Project, eff 9-28-66.

APPROVED

19. I hereby certify that the foregoing is true and correct.

SIGNED

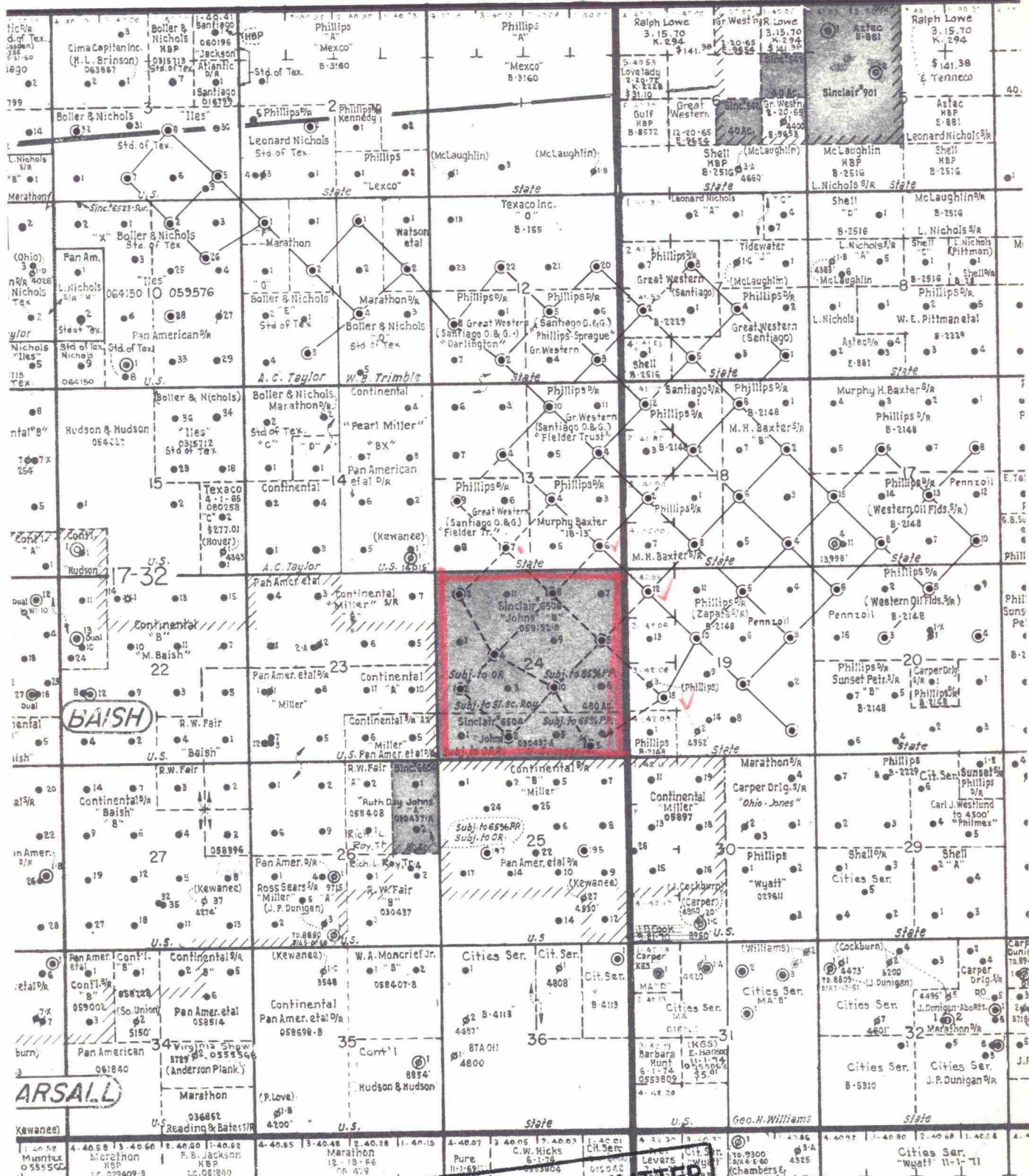
TITLE

Superintendent

DATE

9-29-66

ILLEGIBLE



BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION

LEGEND *Sine* EXHIBIT NO. 1 **SINCLAIR OIL & GAS CO.**
CASE NO. 3346 MIDLAND, TEXAS

• Grayburg - San Andres Well
 • Grayburg - San Andres Present Water Injection Well
 • Grayburg - San Andres Proposed Water Injection Well

Sinclair Oil & Gas Co.
 Exhibit No. 1

PART OF MALJAMAR (GRAYBURG - SAN ANDRES) POOL
 LEA COUNTY, NEW MEXICO

DRAWN BY AVP CHECKED BY JWH DATE 10-19-65
 SCALE - 1" = 4000' REVISED _____