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NEW MEXICO OIL CONSERVATION COMMISSION

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

5a. Indicate Type of Lease	State ☒ Fee ☐
5. State Oil & Gas Lease No.	B-4118

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐	7. Unit Agreement Name
2. Name of Operator SONIO PETROLEUM COMPANY	8. Name of Lease Owner Phillips-Lea
3. Address of Operator P.O. Box 3167, Midland, Texas 79701	9. Well No. 3
4. Location of Well UNIT LETTER <u>J</u> <u>2310</u> FEET FROM THE <u>South</u> LINE AND <u>1650</u> FEET FROM THE <u>East</u> LINE, SECTION <u>31</u> TOWNSHIP <u>175</u> RANGE <u>34E</u> N.M.P.M.	10. Field and Pool, or Willing Vacuum, Crayburg-San Andre
15. Elevation (Show whether DF, RT, GR, etc.) 4084.5 G.L., 4087 D.F.	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 ☐	CASING TEST AND CEMENT JOBS ☒	OTHER ☒ Re-enter

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.

- Moved in pulling unit and began re-entry of previously plugged and abandoned well 4-20-70.
- Successfully drilled out plugs, washed down, & re-entered shot-off 7" casing @ 3290' w/5-3/4" bit. on 4-29-70. Used reverse unit and pulling unit in washing down & drilling plugs; C.O. to original T.D. of 4752'.
- Ran 4-1/2" OD, 15.1 used casing. Set 4-1/2" casg. (186 Jts.), 8R, @ 4748 w/75 sks. Incor 4% gel cement and 75 sks. Incor cement. Job complete @ 6 P.M., 5-1-70. W.O.C. 18 Hrs.
- Ran tbg., C.O. to 4745', tested casing w/1500 psi for 30 Min. O.K.
- On 5-4-70 ran Gamma Ray-Neutron tie-in log from 4741 to 4200'; Perforated w/1 jet shot each (3/8") @ 4657, 67, 69, 74, 76, 82, 90, 94, 98, 4707, & 4722.
- Fracture treated w/1000 gal. 15% NE acid, BDP 1800 psi. Balled out w/18 balls @ 6500 psi, used 10,000 gal. of refined oil pad and 20,000 gal. of refined oil w/16,250# of 20/40 sand & 800# rock salt. Max. frac pressure 5900 psi; Min. 5300, Av. injection rate 11.3 BPM. ISIP 3300 psi; 15 min. SIP 3000 psi. Job complete @ 1 P.M. 5-5-70. Ran & set 154 jts. 2-5/8" tubing to 4700'.

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

SIGNED <u>A.K. Hood</u>	TITLE <u>District Superintendent</u>	DATE <u>5/12/70</u>
APPROVED BY <u>[Signature]</u>	TITLE <u>SUPERVISOR DISTRICT</u>	DATE <u>MAY 11 1970</u>
CONDITIONS OF APPROVAL, IF ANY:		

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MAY 13 1970
OIL CONSERVATION COMM.
HOBBS, N. M.



LTR



Job separation sheet

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-131
Revised 1-1-65

5A. Indicate Type of Lease	
STATE ☒	FEE ☐
5. State Oil & Gas Lease No.	
B-4118	

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

1A. Type of Work ☒ Re-enter and C.O. to T.D.		7. Unit Agreement Name	
B. Type of Well ☐ DRILL ☐ DEEPEN ☐ PLUG BACK ☐		8. Farm or Lease Name	
C. Nature of Casing ☐ OIL ☐ GAS ☐ OTHER ☒ SINGLE ZONE ☐ MULTIPLE ZONE ☐		Phillips Lea	
2. Name of Operator		9. Well No.	
SONIO PETROLEUM COMPANY		3	
3. Address of Operator		10. Field and Pool, or Wildcat	
P. O. Box 3167, Midland, Texas 79701		Vacuum (Grayburg-S. Andre	
4. Location of Well		12. County	
UNIT LETTER J LOCATED 2310 FEET FROM THE South LINE		Lea	
AND 1650 FEET FROM THE East LINE OF SEC. 31 TWP. 17-S RGE. 34-E NMPM			
18. Proposed Depth		19A. Formation	20. Rotary or C.T.
4752 (C.O.)		San Andres	Reverse Unit
21. Elevations (Show whether DR, RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start
4084.5 G.L.	\$10,000 Blanket	Reverse Unit	April 13, 1970

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
(Set) 11"	8-5/8	28	1557	500	Circulated
6"	4-1/2 Used	15.1	4750	200	3700

Subject well was completed 1-15-52 in San Andres by N. G. Penrose, Inc. Well was P & A June 2, 1957 with surface casing and 7" stub left in the well (4637' back to ?).

It is proposed to re-enter, drill out cement plugs and wash down to T.D. of 4752'. Run 4-1/2", 15.1#, used casing (T.D. to surface) tested to 8000 psi. Cement as above, WOC min. of 18 hours. Test with 1500 psi for 30 minutes. Run tie-in log and perforate approximately 4675-4735 with 12 holes. Sandfrac with 30,000 gals. refined oil and 20,000# of 20/40 sand. Place on pump, recover load oil, potential test.

7-10-70

IN ADDITIONAL SPACE DESCRIBE PROPOSED PROGRAM IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. IF BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed A. K. HOOD Title District Superintendent Date April 6, 1970

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT DATE 1970

CONDITIONS OF APPROVAL, IF ANY:

NEW OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

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

LESSOR SONIO PETROLEUM COMPANY			LEASE Phillips Lea		Well No. 3
Unit Number N	Section 31	Township 17-S	Range 34-E	County Lea	
Actual Wellbore Location of Well: 2310 feet north of South line and 1650 feet from the East line					
Ground Level Elev. 4034.5	Producing Formation San Andres	Pool Vacuum Grayburg- San Andres		Dedicated Acreage: 40 Acres	

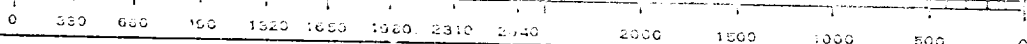
1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is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

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

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

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

CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Name: <u>C. P. Shoffstall</u> Position: <u>C. P. Shoffstall</u> Asst. District Supt. Company: <u>SONIO PETROLEUM COMPANY</u> Date: <u>April 8, 1970</u> I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief. Date Surveyed: _____ Registered Professional Engineer and/or Land Surveyor: _____ Certificate No.: _____			
c 2 Kincaid & Watson Hale-State c 1	c 3 Lea c 1	Phillips (J.F. Morse) 1 2 Sohio c 2 Hale State Sohio Hale State	20 1 c
50 c 6	Sohio 3 2 Phillips Lea 40 Acres 2310'	1650' 1 c Texaco	AO 2 c
c 4 SWD			



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APR 9 1970

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STATE OF NEW YORK