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U.S.G.S.
LAND OFFICE
TRANSPORTER
OIL
GAS
OPERATOR
PRORATION OFFICE

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

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

I. **Lone Star Producing Company**
Box 4815, Midland, Texas 79701
Reason(s) for filing (Check proper box) (Other (Please explain))
New Well ☐ Change in Transporter of: Oil ☐ Dry Gas ☐
Re-entry ☒ Casinghead Gas ☐ Condensate ☐
Re-Entry

If change of ownership give name and address of previous owner

II. DESCRIPTION OF WELL AND LEASE
Well Name: **N. M. "B" Federal** Well No. Pool Name, including Formation: **3 South Prairie Cisco** Kind of Lease: **Federal**
Location: Unit Letter: **C** **660** Feet From The **North** Line and **1980** Feet From The **West** Line of Section **28**, Township **8-S** Range **36-E**, NMPM, **Roosevelt** County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS
Name of Authorized Transporter of Oil ☒ or Condensate ☐Mobil Pipe Line Company Address (Give address to which approved copy of this form is to be sent): **Tatum, New Mexico**
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☐None Address (Give address to which approved copy of this form is to be sent):
If well produces oil or liquids, give location of tanks: Unit **M** Sec. **21** Twp. **8-S** Rge. **36-E** Is gas actually connected? **No** When:

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA
Designate Type of Completion - (X) **X** **Re-Entry**
Date Spudded: **September 9, 1969** Date Compl. Ready to Prod.: **October 1, 1969** Total Depth: **9758'** P.B.T.D.: **9727'**
Pool: **South Prairie Cisco** Name of Producing Formation: **Bough "C"** Top Oil/Gas Pay: **9687'** Tubing Depth: **9660'**
Perforations: **9696'-9709' & 9713'-15', 2 holes per foot** Depth Casing Shoe: **9758'**
TUBING, CASING, AND CEMENTING RECORD
HOLE SIZE CASING & TUBING SIZE DEPTH SET SACKS CEMENT
17-1/4" **13-3/8"** **417'** **400 sacks**
12-1/4" **8-5/8"** **4333'** **1781 sacks**
7-7/8" **5-1/2" (original)** **9758'** **700 sacks**
7-7/8" **5-1/2" (re-entry tie back)** **4830'** **100 sacks**
2-3/8" casing **9660'**

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)
Date First Flow Test Run To Tank: **October 1, 1969** Date of Test: **October 2, 1969** Producing Method (Flow, pump, gas lift, etc.): **Kobe casing pump**
Length of Test: **24 hours** Tubing Pressure: **1750#** Casing Pressure: **300#** Choke Size: **None**
Actual Prod. During Test: **292 barrels** Oil-Bbls.: **292** Water-Bbls.: **210** Gas-MCF: **300**

GAS WELL
Actual Prod. Test-MCF/D: Length of Test: Bbls. Condensate/MCF: Gravity of Condensate:
Testing Method (pitot, back p.): Tubing Pressure: Casing Pressure: Choke Size:

VI. CERTIFICATE OF COMPLIANCE
I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.
R. Ramsey
District Production Superintendent
October 6, 1969

OIL CONSERVATION COMMISSION
APPROVED _____, 19____
BY _____
TITLE _____
This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely for allowable on new and recompleted wells.
Fill out Sections I, II, III, and VI only for changes of owner, well name or number, or transporter, or other such change of condition.
Separate Forms C-104 must be filed for each pool in multiply completed wells.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL ☒	GAS WELL ☐	DRY ☐	Other _____		
b. TYPE OF COMPLETION:		NEW WELL ☐	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other <u>Re-entry</u>
2. NAME OF OPERATOR <u>Lone Star Producing Company</u>						7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR <u>Box 4815, Midland, Texas 79701</u>						8. FARM OR LEASE NAME <u>U.S. "B" Federal</u>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements): At surface <u>660' from the North Line, 190' from the West Line of Section 28, T-8-S, R-36-E, Roosevelt County, New Mexico</u> At top prod. interval reported below <u>Same</u> At total depth <u>Same</u>						9. WELL NO. <u>3</u>	
14. PERMIT NO.						10. FIELD AND POOL, OR WILDCAT <u>South Prairie Cisco</u>	
DATE ISSUED						11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA <u>Sec. 28, T-8-S, R-36-E</u>	
15. DATE SPUDDED <u>6-9-69</u>						12. COUNTY OR PARISH <u>Roosevelt</u>	
16. DATE T.D. REACHED <u>7-8-69</u>						13. STATE <u>New Mexico</u>	
17. DATE COMPL. (Ready to prod.) <u>10-1-69</u>						18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* <u>1107' Ground</u>	
19. ELEV. CASINGHEAD <u>1107'</u>						20. TOTAL DEPTH, MD & TVD <u>9758'</u>	
21. PLUG, BACK T.D., MD & TVD <u>9727'</u>						22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY <u>Rotary</u>						24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* <u>9696' to 9715' South "B"</u>	
25. WAS DIRECTIONAL SURVEY MADE <u>No</u>						26. TYPE ELECTRIC AND OTHER LOGS RUN <u>Filed when well was originally drilled in February, 1961.</u>	
27. WAS WELL CORED						28. CASING RECORD (Report all strings set in well)	
CASING SIZE		WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED	
<u>13-3/8"</u>	<u>40</u>	<u>117'</u>	<u>17-1/4"</u>	<u>100 ex. (Already in hole)</u>			
<u>5-5/8"</u>	<u>21.5</u>	<u>23'</u>	<u>13-1/4"</u>	<u>1751 ex. (Already in hole)</u>			
<u>5-1/2"</u>	<u>15.5</u>	<u>17'</u>	<u>7-7/8"</u>	<u>700 ex. (Already in hole)</u>			
<u>5-1/2"</u>	<u>15.5</u>	<u>1330' (Tied in)</u>	<u>7-7/8"</u>	<u>100 ex.</u>		<u>1800' (In 1961)</u>	
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	
					<u>7-3/8"</u>	<u>9660'</u>	
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
<u>9696'-9709', 2 holes per foot, 1/2" holes</u> <u>9713'-9715', 2 holes per foot, 1/4" holes</u>				DEPTH INTERVAL (MD) <u>1545'</u> <u>9696'-9715'</u>			
				AMOUNT AND KIND OF MATERIAL USED <u>100 ex. Incon (cement squeeze)</u> <u>750 gals. 15% HCl acid</u>			
33. PRODUCTION							
DATE FIRST PRODUCTION <u>10-1-69</u>		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) <u>none casing pump 1 1/2" x 2-3/8" x 10'</u>			WELL STATUS (Producing or shut-in) <u>Producing</u>		
DATE OF TEST <u>10-7-69</u>	HOURS TESTED <u>21</u>	CHOKE SIZE <u>None</u>	PROD'N. FOR TEST PERIOD <u>→</u>	OIL—BBL. <u>292</u>	GAS—MCF. <u>300</u>	WATER—BBL. <u>210</u>	
FLOW, TUBING PRESS. <u>310</u>		CASING PRESSURE <u>310</u>	CALCULATED 24-HOUR RATE <u>→</u>	OIL—BBL. <u>292</u>	GAS—MCF. <u>300</u>	WATER—BBL. <u>210</u>	
DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) <u>Used for fuel (lease operations) and vented</u>		TEST WITNESSED BY <u>K. H. Hardy</u>		OIL GRAVITY-API (CORR.) <u>15.3</u>			
35. LIST OF ATTACHMENTS							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							

SIGNED _____

TITLE _____

Dist. Prod. Supt.

DATE _____

October 6, 1969

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:		38. GEOLOGIC MARKERS	
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		NAME	MEAS. DEPTH
FORMATION	DESCRIPTION, CONTENTS, ETC.		
TOP	BOTTOM		TRUE VERT. DEPTH
		Anhydrite	1991'
		Tates	2309'
		San Andres	4042'
		Glorietta	5500'
		Tubbs	6936'
		Abco	7761'
		Wolfcamp	8960'
		J Brothers	9443'
		Pough "A"	9621'
		Pough "B"	9652'
		Pough "C"	9687'