

Submit 5 Copies
Appropriate District Office
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Aztec, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Bureau of Geology, Minerals and Natural Resources Department

Form C-104
Revised 1-1-89
See Instructions
at Bottom of Page

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I. Operator Southland Royalty Company Well API No. 30-025-3083 6

Address 21 Desta Drive Midland, Texas 79705

Reason(s) for Filing (Check proper box)

New Well ☒ Change in Transporter of:
Recompletion ☐ Oil ☐ Dry Gas ☐
Change in Operator ☐ Casinghead Gas ☐ Condensate ☐

☐ Other (Please explain)

Approval to flare casinghead gas from
this well must be obtained from the
BUREAU OF LAND MANAGEMENT (BLM)

If change of operator give name
and address of previous operator

THIS WELL HAS BEEN PLACED IN THE POOL
DESIGNATED BELOW. IF YOU DO NOT CONCUR
IFY THIS OFFICE.

II. DESCRIPTION OF WELL AND LEASE

Lease Name Uncle ~~Gen.~~ Federal *Com* Well No. 3 Pool Name, including Formation *R-9271*
South Corbin (Wolfcamp) *9/11/90* Kind of Lease *State, Federal-lease* Lease No. NM-0997

Location
Unit Letter *G* : *1874* Feet From The *North* Line and *2086* Feet From The *East* Line
Section *28* Township *18 South* Range *33 East* , *NMPM*, *Lea* County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☒ or Condensate ☐ Address (Give address to which approved copy of this form is to be sent)
Pride Pipeline P.O. Box 2436, Abilene, TX 79604

Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☐ 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 *G* Sec. *28* Twp. *18S* Rgn. *33E* Is gas actually connected? *No* When ?

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

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
	☒		☒					
Date Spudded <i>4/7/90</i>	Date Compl. Ready to Prod. <i>7/5/90</i>		Total Depth <i>11,640'</i>		P.B.T.D. <i>11,594'</i>			
Elevations (DF, RKB, RT, GR, etc.) <i>3817' GR.</i>	Name of Producing Formation <i>Wolfcamp</i>		Top Oil/Gas Pay <i>11,114'</i>		Tubing Depth <i>11,447'</i>			
Perforations <i>11,522 - 553' ; 11,123 - 264'</i>					Depth Casing Shoes <i>11,640'</i>			

TUBING, CASING AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
<i>17 1/2"</i>	<i>13 3/8"</i>	<i>350'</i>	<i>370 sx - circ.</i>
<i>12 1/4"</i>	<i>8 5/8"</i>	<i>2,885'</i>	<i>1275 sx - circ.</i>
<i>7 7/8"</i>	<i>5 1/2"</i>	<i>11,640'</i>	<i>200 sx - TOC 10,556'</i>
	<i>2 7/8" TBG</i>	<i>11,447' KB</i>	

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 New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
<i>7/05/90</i>	<i>7/08/90</i>	<i>Flow</i>	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
<i>24 HRS.</i>	<i>230</i>	<i>-0-</i>	<i>26/64"</i>
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF
	<i>372</i>	<i>0</i>	<i>200</i>

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. OPERATOR CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Robert L. Bradshaw
Signature
R. L. Bradshaw, Sr. Staff Env/Reg. Spec.
Printed Name
7/11/90
Date
915-686-5678
Telephone No.

OIL CONSERVATION DIVISION

Date Approved *JUL 16 1990*

By *ORIGINAL SIGNED BY JERRY SEXTON*
DISTRICT I SUPERVISOR

Title

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
N. M. OIL OFFICE FOR NEW MEXICO
CONTACT RECORD ON OFFICE FOR INSTRUCTIONS ON REVERSE SIDE

BLM Roswell District
Modified Form No.
NM-3160-3

RECEIVED

5. LEASE DESIGNATION AND SERIAL NO.

NM - 0997

6. INDIAN ALLOTTEE SURVEY NAME

JUL 12 10 29 AM '90

7. UNIT AGREEMENT NAME

CARLSBAD NEW MEXICO

AREA BEHIND TERS

8. FARM OR LEASE NAME

Uncle Sam Federal Com

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

South Corbin (Wolfcamp)

11. SEC. T. R. M. OR BLOCK AND SURVEY

OR AREA

Sec. 28, T18S, R33E

12. COUNTY OR PARISH

Lea

13. STATE

NM

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 ☐

2. NAME OF OPERATOR

Southland Royalty Company

3a. Area Code & Phone No.

915-686-5600

3. ADDRESS OF OPERATOR

21 Desta Drive, Midland, Texas 79705

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1874' FNL 2086' FEL

At top prod. interval reported below

At total depth

9a. API Well No.

30-025-30836

14. PERMIT NO.

DATE ISSUED

3/15/90

15. DATE SPUDDED

4/7/90

16. DATE T.D. REACHED

5/5/90

17. DATE COMPL. (Ready to prod.)

7/5/90

18. ELEVATION (DF, RKR, RT, GB, ETC.)*

3817' GR

19. ELEV. CASINGHEAD

3817'

20. TOTAL DEPTH, MD & TVD

11,640'

21. PLUG BACK T.D., MD & TVD

11,594'

22. IF MULTIPLE COMPL. HOW MANY*

23. INTERVALS DRILLED BY

0 - TD

ROTARY TOOLS

CABLE TOOLS

24. PRODUCING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

11,522' - 11,553', 11,123' - 11,264'

ACCEPTED FOR RECORD
South Corbin (Wolfcamp)

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNT/LDT ; DLL/MSFL ; LSS ; Waveforms ; FMS

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	AMOUNT PULLED
13 3/8"	48	350'	17 1/2"	370 sx - circ. 50 sx
8 5/8"	24	2,885'	12 1/4"	1275 sx - circ. 150 sx
5 1/2"	17	11,640'	7 7/8"	200 sx - TOC. 10,556'

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8"	11,447' KB	11,455' KB

31. PERFORATION RECORD (Interval, size and number)

11,522' - 11,553' 1 JSPF 46 Holes

11,123' - 11,264' 2 SPF 174 Holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
11,522 - 553'	2 M Gal 15% NEFe HCl
11,123 - 264'	8.3 M Gal 15% NEFe HCl

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
7/5/90		Flowing					Shut - In	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
7/8/90	24	26/64"	→	372	200	0	537	
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
230	-0-	→				40		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

To be sold

TEST WITNESSED BY

Rusty Hess

35. LIST OF ATTACHMENTS

C-104, Plat, Inclination Survey, Logs

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Robert L. Bradshaw

TITLE Sr. Staff Env./Reg. Spec.

DATE 11 July 1990

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

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Rustler	1420'	
				Yates	3100'	
				Queen	4222'	
				San Andres	4846'	
				Delaware	5200'	
				Bone Spring	7350'	
				1st B.S. Sand	8706'	
				2nd B.S. Sand	9288'	
				3rd B.S. Sand	10,212'	
				Leonard	10,464'	
				Wolfcamp	10,836'	

RECEIVED
JUL 18 1990
HOLLYWOOD