

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: 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		38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	3018'				
Fruitland	3343'				
Picture Cliffs	3529'				
Cliff House	5280'				
Point Lookout	5800'				

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 <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	Other _____		
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other _____
2. NAME OF OPERATOR Southland Royalty Company						5. LEASE DESIGNATION AND SERIAL NO. NM-0558140	
3. ADDRESS OF OPERATOR P.O. Drawer 570, Farmington, NM 87401						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 980' FNL & 955' FWL At top prod. interval reported below At total depth						7. UNIT AGREEMENT NAME	
14. PERMIT NO. U. S. GEOLOGICAL SURVEY						8. FARM OR LEASE NAME La Jara Canyon	
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6719' GR						9. WELL NO. #1A	
12. COUNTY OR PARISH Rio Arriba						13. STATE NM	
15. DATE SPUDDED 12-5-80		16. DATE T.D. REACHED 12-14-80		17. DATE COMPL. (Ready to prod.) 1-12-81		19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 6242'		21. PLUG, BACK T.D., MD & TVD 6179'		22. IF MULTIPLE COMPL., HOW MANY* 2		23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS 0'-6242'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* MV: 5706'-5957'						25. WAS DIRECTIONAL SURVEY MADE Deviation	
26. TYPE ELECTRIC AND OTHER LOGS RUN IES, GR-Induction, GR-Density						27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)							
CASINO SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
9-5/8"		36#		314'		12-1/4"	
7"		23#		3890'		8-3/4"	
29. LINER RECORD		30. TUBING RECORD		31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
SIZE		TOP (MD)		BOTTOM (MD)		DEPTH INTERVAL (MD)	
4-1/2"		3698'		6222'		5706'-5957'	
SACKS CEMENT*		SCREEN (MD)		SIZE		AMOUNT AND KIND OF MATERIAL USED	
350 SX				2-3/8"		100,200 gals water & 89,000# 20/40 sd	
33.* PRODUCTION						WELL STATUS (Producing or shut-in)	
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				Shut-in	
1-21-81		Flowing					
HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD		OIL—BBL.	
3 hrs.		3/4"		→		GAS—MCF.	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		WATER—BBL.	
132				→		OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	
Sold						Don Thompson	
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 District Production Manager DATE 2-24-81

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

BY RB

NM0000

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NO. OF COPIES RECEIVED		
DISTRIBUTION		
SANTA FE		
FILE		
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. Operator
Southland Royalty Company
Address
P.O. Drawer 570, Farmington, NM 87401
Reason(s) for filing (Check proper box)
New Well ☒ Change in Transporter of:
Recompletion ☐ Oil ☐ Dry Gas ☐
Change in Ownership ☐ Casinghead Gas ☐ Condensate ☐
Other (Please explain)

If change of ownership give name
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name La Jara Canyon	Well No. #1A	Pool Name, Including Formation Blanco Mesa Verde	Kind of Lease State, Federal or Fee Federal	Lease No. NM-0558140
Location Unit Letter D : 980 Feet From The North Line and 955 Feet From The West Line of Section 10 Township 29N Range 5W , NMPM, Rio Arriba County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/> Permian Corporation	Address (Give address to which approved copy of this form is to be sent) P.O. Box 3119, Midland, TX 79702					
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/> Northwest Pipeline Corp.	Address (Give address to which approved copy of this form is to be sent) P.O. Box 90, Farmington, NM 87401					
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Pge.	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)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
		X	X					
Date Spudded 12-5-80	Date Compl. Ready to Prod. 1-12-81		Total Depth 6242'		P.B.T.D. 6179'			
Elevations (DF, RKB, RT, GR, etc.) 6719' GR	Name of Producing Formation Mesa Verde		Top Oil/Gas Pay 5706'		Tubing Depth 5956'			
Perforations MV: 5706'-5957'					Depth Casing Shoe 6222'			
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
12-1/4"	9-5/8", 36#		314'		160 sx			
8-3/4"	7", 23#		3890'		170 sx			
6-1/4"	4-1/2", 10.5#		3698'-6222'		350 sx			
	2-3/8", 4.7#		5956'					

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 Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size MAR 3 1981
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	OIL CON. COM. DIST. 3

GAS WELL

Actual Prod. Test - MCF/D 1677 MCF	Length of Test 3 hrs	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.) Back Pressure	Tubing Pressure (Shut-in) 998	Casing Pressure (Shut-in)	Choke Size 3/4"

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.


(Signature)

District Production Manager
(Title)

2-24-81
(Date)

OIL CONSERVATION COMMISSION

APPROVED  , 19
Original Signed by FRANK T. CHAVEZ
BY
SUPERVISOR DISTRICT # 3
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 only Sections I, II, III, and VI 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.

THE APPLICATION OF
SOUTHLAND ROYALTY COMPANY
FOR A DUAL COMPLETION.

ORDER NO. MC-2784

ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION DIVISION

Under the provisions of Rule 112-A, Southland Royalty Company made application to the New Mexico Oil Conservation Division on March 6, 1980, for permission to dually complete its La Jara Canyon No. 1A located in Unit D of Section 10, Township 29 North, Range 5 West, NMPM, Rio Arriba County, New Mexico, in such a manner as to permit production of gas from the Gobernador Pictured Cliffs Pool and the Blanco Mesaverde Pool.

Now, on this 22nd day of April, 1981, the Division Director finds:

- (1) That application has been filed under the provisions of Rule 112-A of the Division's Rules and Regulations;
- (2) That satisfactory information has been provided that all operators of offset acreage have been duly notified;
- (3) That no objections have been received within the waiting period as prescribed by said rule.
- (4) That the proposed dual completion will not cause waste nor impair correlative rights.
- (5) That the mechanics of the proposed dual completion are feasible and consonant with good conservation practices.

IT IS THEREFORE ORDERED:

That the applicant herein, Southland Royalty Company, be and the same is hereby authorized to dually complete its La Jara Canyon Well No. 1A located in Unit D of Section 10, Township 29 North, Range 5 West, NMPM, Rio Arriba County, New Mexico, in such a manner as to permit production of gas from the Gobernador Pictured Cliffs Pool and the Blanco Mesaverde Pool through parallel strings of tubing.

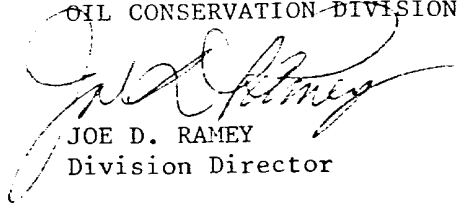
PROVIDED HOWEVER, That applicant shall complete, operate, and produce said well in accordance with the provisions of Rule 112-A.

PROVIDED HOWEVER, That applicant shall take packer-leakage tests upon completion and annually thereafter.

IT IS FURTHER ORDERED: That jurisdiction of this cause is hereby retained for the entry of such further orders as the Division may deem necessary.

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

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


JOE D. RAMEY
Division Director

SEAL



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE

1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178

OIL CONSERVATION DIVISION
BOX 2088
SANTA FE, NEW MEXICO 87501

DATE 3-18-81

RE: Proposed MC 2
Proposed DHC _____
Proposed NSL _____
Proposed SWD _____
Proposed WFX _____
Proposed PMX _____

Gentlemen:

I have examined the application dated 3-4-81
for the Southland Royalty La Jara Canyon #1A D-10-29N-5W
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve

Yours truly,

Frank J. Long

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
APPLICATION FOR MULTIPLE COMPLETION

Form C-107
5-1-61

Operator Southland Royalty Company		County Rio Arriba		Date 2-24-81
Address P. O. Drawer 570, Farmington, NM 87401		Lease La Jara Canyon		Well No. #1A
Location of Well	Unit D	Section 10	Township 29N	Range 5W

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES X NO
2. If answer is yes, identify one such instance: Order No. MC-2285; Operator Lease, and Well No.: Dugan Production Corp. Sherman Edward #2

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Gobernador Pict. Cliffs		Blanco Mesa Verde
b. Top and Bottom of Pay Section (Perforations)	3556' - 3734'		5706' - 5957'
c. Type of production (Oil or Gas)	Gas		Gas
d. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing

4. The following are attached. (Please check YES or NO)

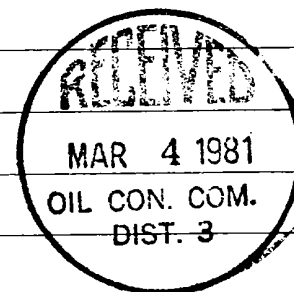
Yes	No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.*
<input checked="" type="checkbox"/>	<input type="checkbox"/>	d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.)

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

Dugan Production Corp., P. O. Box 234, Farmington, NM 87401

El Paso Natural Gas Company, P. O. Box 990, Farmington, NM 87401

Northwest Pipeline Corp., P. O. Box 990, Farmington, NM 87401



6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES X NO. If answer is yes, give date of such notification 2-24-81.

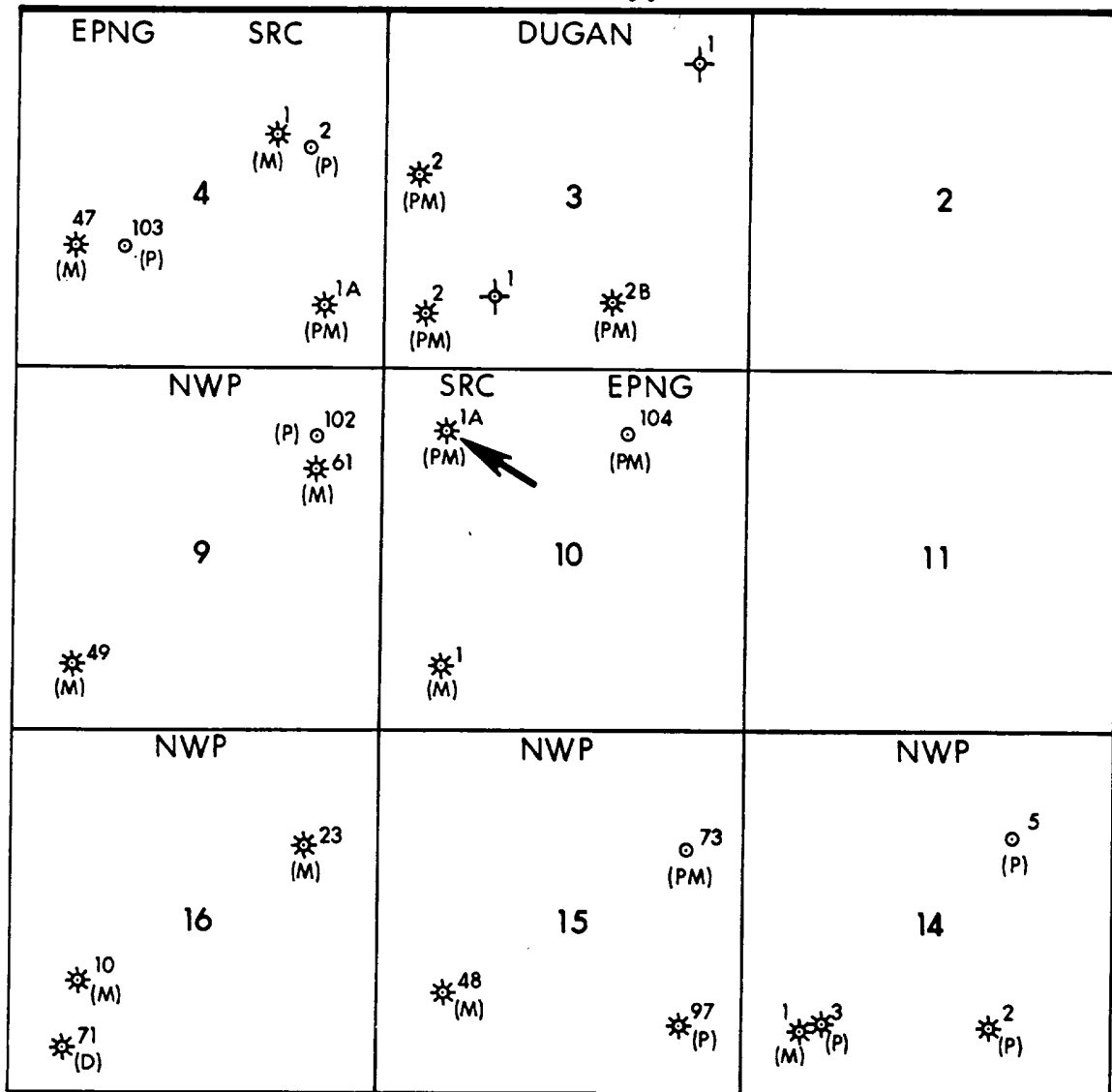
CERTIFICATE: I, the undersigned, state that I am the District Production Mgr of the Southland Royalty Co. (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Signature

*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard perforation unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

R 5 W



T
29
N



Southland Royalty Company
FARMINGTON DISTRICT
FARMINGTON, NEW MEXICO

2-27-1981
DATE
Bob Fielder
PREPARED BY
San Juan Basin
PROJECT AREA
C.I. HORIZON
2" = 1 mile
SCALE
REVISED DATE
NM-FF-0072
FILE NUMBER

RIO ARRIBA CO., NEW MEXICO
OFFSET OPERATORS'
PERMISSION FOR DUAL COMPLETION
(PICTURED CLIFFS & MESAVERDE FM)

SRC
La Jara Canyon #1A
980' FNL-955' FWL
Sec. 10-T29N-R5W N.M.P.M.