

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil ☐ gas ☒ other ☐
well well

2. NAME OF OPERATOR
Southland Royalty Company

3. ADDRESS OF OPERATOR
P.O. Drawer 570, Farmington, NM 87401

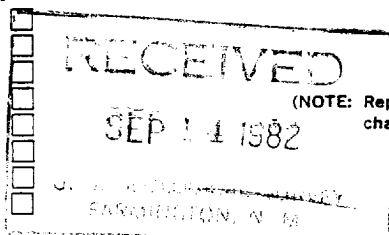
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: *1820' FSL & 1185' FEL*
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☒
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:



(NOTE: Report results of multiple completion or zone change on Form 9-330C)



5. LEASE
Jicarilla Contract 101
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Jicarilla 101
9. WELL NO.
1A
10. FIELD OR WILDCAT NAME
Basin Dakota/Blanco Mesaverde
11. SEC., T., R., N., OR BLK. AND SURVEY OR AREA
Section 1, T26N, R4W
12. COUNTY OR PARISH
Rio Arriba 13. STATE
New Mexico
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)
7139' GR

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.)*

SOUTHLAND ROYALTY COMPANY proposes to insolate Mesaverde and Dakota intervals by setting a cement retainer at 6235'. Dakota production tubing will be landed in the retainer and the Dakota zone flow tested.

- 1) *If commercial flow is established we will run Mesaverde production tubing and return to production.*
- 2) *If commercial flow is not established we propose to plug and abandon in one of the following methods.*

- a) *If injection can be established through the junk in the hole we plan to squeeze through the retainer with 250 sacks of Class "B" cement. (Volume is sufficient to fill casing to bottom Dakota perforations plus 20 sacks.)*

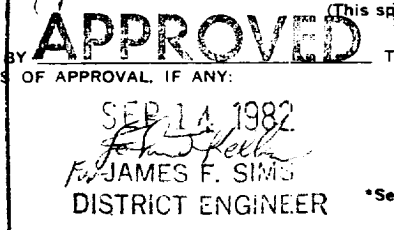
Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

CONTINUED OTHER SIDE

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

SIGNED *[Signature]* TITLE *Pet. Engineer* DATE *September 14, 1982*

APPROVED BY *[Signature]* (This space for Federal or State office use) TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:



*See Instructions on Reverse Side

NMOCC

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law 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.

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 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

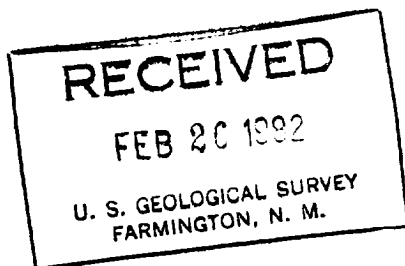
GPO : 1976 O - 214-149

- b) If injection cannot be established we propose to pull out of retainer and dump 25' of cement on top of the retainer. We will then run the Mesaverde production string and return it to production.

NOTE:

A copy of our previous sundry notice summarizing the attempted repair work and a well-bore schematic showing the junk left in the hole as well as copies of the tool company supervisor's resume of fishing and milling operations to document the extensive efforts to remove the junk from the hole.

Schematic - Present Condition
JICARILLA 101 #1A -



10 3/4' @ 234'

7 5/8' @ 4190

MV PERFS: 5692-5710'
6038-6190'

1 1/2" IJ @ 6117'

Top of fish - 6242'

MODEL F packer - 6260'

Total fish above packer.
✓ 198.40' of tubing & blast joints

DE PERFS: 8092-8275'

5 1/2' @ 8304'
Cement circulated to liner top

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1. oil well ☐ gas well ☒ other

2. NAME OF OPERATOR
Southland Royalty Company

3. ADDRESS OF OPERATOR
P.O. Drawer 570, Farmington, New Mexico 87401

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1820' FSL & 1185' FEL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

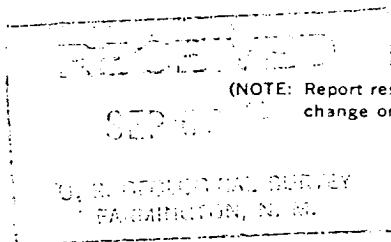
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
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SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:

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(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

- 6/30-7/1/81 Southland Royalty Company pulled both tubing strings to locate source of communication between Mesa Verde and Dakota zones. Packer seals had failed.
- 7/2/81 While running 2-1/16" longstring back in hole, tubing parted dropping 175 joints of 2-1/16" tubing, 10 blast joints and a 5-1/2" retrievable packer (5802.19') in hole.
- 7/5-7/27/81 Pickup 2-7/8" workstring, attempted to recover dropped tubing. Recovered 110 joints 2-1/16" tubing and 7 blast joints (3657.94') with various fishing operations. Made decision to suspend fishing operations.
- 7/28/81 Ran 191 joints (6107.42') 1-1/2", 2.7#, J-55, IJ tubing, set at 6117'. (Fish left in hole-65 joints 2-1/16" tubing, 3 blast joints and 1 retrievable packer (2144.25')). Top of fish at 6242').

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED P. E. Fielder TITLE District Engineer DATE September 4, 1981

(This space for Federal or State office use)

ACCEPTED FOR RECORD

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

OPERATOR

SEP 15 1981

FARMINGTON DISTRICT

JOB # 33003

DOOHAM OIL TOOL COMPANY INC.

SUPERVISOR'S DAILY RESUME & COST ESTIMATE

CUSTOMER Southland Royalty Co. DISTRICT OR STORE Farmington #14LOCATION Jicarilla 101 1-A CAR MILEAGE ROUNDTrip _____DATE 07-03-81 & TIME 12:00 LEFT STORE - DATE _____ & TIME _____ RETURNED TO STORE _____

DATE	DAILY LOG	ESTIMATE OF RENTAL & REP.
07-03	Shop to Location Made up tools trip in w/ crew shot 6662. Trip in w 20 ft tubing 10 more it then need didn't tag. When dropped it, it had to pull. Trip out and check tool bull. Location to Shop.	115 115
07-04	Shut Down	
07-05	Shut Down	
07-06	Shop to Location Trip #2 in to 3793.47 feet far on fish trip out got to 2 1/6 tubing changed slip segments and drop one down well Set out w/ 27 ft of 2 1/6 tubing Trip #3 into top of liner Location to Shop	115 115
07-07	Shop to Location Trip #3 Finished trip in tagged @ 5582.17 found free trip out recovered. 63 more ft of 2 1/6 tubing total of 90 ft. pulled some 2 ft around Trip #4 Tagged @ 5582.17 worked it free pulled 60 ft of tubing shut down Location to Shop	115 115 Previous Total TOTAL 115

SUPERVISOR

J.R. Maden

AUTHORIZED BY



DOHAM OIL TOOL COMPANY INC.

JOB # 33003

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SUPERVISOR'S DAILY RESUME & COST ESTIMATE

CUSTOMER Southland Royalty Co. DISTRICT OR STORE Farmington #14
LOCATION Jicarrilla 101 P#1-A CAR MILEAGE ROUNDTRIP _____
DATE 07-08 & TIME 5:00 LEFT STORE - DATE _____ & TIME _____ RETURNED TO STORE _____

DATE	DAILY LOG	ESTIMATE OF RENTAL & REP.
07-08	Shop to Location Trip #4 Finished trip out Recovered 1 jt of 2 1/2 tubing total of 91 jts of tubing Trip #5 tagged @ 5527.17 Trip out and Recovered 10 jts of 2 1/2 tubing Total of 101 jts of tubing Trip #6 tagged @ 5862.93 Pulled fish up well 2500' came from trip out didnt recover fish Changed 2.330 grapple w/ stop to 2.330 w/o stop trip #7 to top of Linea and Shut down Location to Shop	115 115
07-09	Shop to Location Trip #7 Finished trip tagged 15.00 feet High @ 5547.93 feet Pulled 2,000' over wt. came from trip out didnt Recover fish Changed grapple 2.330 w/o stop to 2.76 w/o stop Trip #8 tagged @ 5847.93 pulled from @ 34000' over wt. Trip out and Recovered 4 jts of tubing total of 105 jts of 2 1/2 tubing	115
	Previous Total	
	TOTAL	

SUPERVISOR _____

AUTHORIZED BY _____



DOHAM OIL TOOL COMPANY INC.
SUPERVISOR'S DAILY RESUME & COST ESTIMATE

JOB # 33003

Page 3

CUSTOMER Southland Property Co. DISTRICT OR STORE Farmington #14
LOCATION Marshall Rd 1-A CAR MILEAGE ROUNDTRIP 7
DATE 07-09 & TIME _____ LEFT STORE - DATE _____ & TIME _____ RETURNED TO STORE _____

DATE	DAILY LOG	ESTIMATE OF RENTAL & REP.
07-09	Trip #9 Added 2 extension to over-shot tagged @ 5942.17 Trip out and recovered 1 jt of tubing total of 106 jts of tubing Trip #10 Trip in w 20 jts of tubing and shut down Location to Shop 115	
07-10	Shop to Location 115 Trip #10 Finished trip in tagged @ 5940.17 Recovered 1 jt of tubing total of 107 jts. Trip #11 Tagged @ 5952.17 Recovered 1 full jt of tubing and 5.60 feet of second jt Total of 108 full jts and 5.60 feet. Changed out gripper of 2 5/16 to 2 1/4. Trip #12 Removed 2 5/16 gripper and replaced w 2 1/4 gripper. Tagged @ 5978.56 feet Recovered one full jt of 2 1/16 TBC. Total of 109 jts and 5.60 feet of TBC. Trip #13 Trip in w 10 jts of TBC. Shut Down. Location to Shop	Previous Total 115 TOTAL

SUPERVISOR

J R Marshall

AUTHORIZED BY



DOHAM OIL TOOL COMPANY INC.

JOB # 33003

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SUPERVISOR'S DAILY RESUME & COST ESTIMATE

CUSTOMER Southland Royalty Co. DISTRICT OR STORE Farmington 14
LOCATION Jicoilla 101 1-A CAR MILEAGE ROUNDTRIP _____
DATE 07-14 & TIME - LEFT STORE - DATE _____ & TIME _____ RETURNED TO STORE _____

DATE	DAILY LOG	ESTIMATE OF RENTAL & REP.
07-14	Trip #17 Tagged @ 6055.86 feet Pulled 12000' out it can free trip out recovered NO fish. Trip #18 Changed 2 1/4 Basket Snappers to 2 1/2 Basket Snappers Tagged @ 6055.86 feet worked it Trip out Recovered 3.00 feet of 2 1/2 TBC Total of: 113 full jts of 2 1/2 TBC 2 - 10 foot Blast jts 12.72 feet of 2 1/2 TBC Trip #19 Tagged @ 6055.86 Couldn't get good hold on it would come off @ 2000' out Set 14,000' out on fish and shut down for night.	
07-15	Trip #19 Picked up on string and came free @ 2000' out Trip out Recovered one 10 foot Blast jt. Total of: 113 full jts of 2 1/2 TBC 3 - 10 foot Blast jts 12.72 feet of 2 1/2 TBC	
	Previous Total	
	TOTAL	

SUPERVISOR

J R Medville

AUTHORIZED BY



DOMINAM OIL TOOL COMPANY INC.
SUPERVISOR'S DAILY RESUME & COST ESTIMATE

Page 7
JOB # 33003

CUSTOMER Southland Royalty Co. DISTRICT OR STORE Farmington #14
LOCATION Jicarilla 101 1-A CAR MILEAGE ROUNDTrip _____
DATE 07-15-84 & TIME _____ LEFT STORE-DATE _____ & TIME _____ RETURNED TO STORE _____

DATE	DAILY LOG	ESTIMATE OF RENTAL & REP.
07-15	Trip #20 Tagged @ 6068.91 feet Pulled 3,000# wt over and came free Recovered 4.00' feet of 2 1/6 TBC Total of: 11.3 full jts 2 1/6 TBC 3 - 10 foot Blast jts 21.78 feet of 2 1/6 TBC Trip #21 Tagged @ 6068.91 feet Pulled 10,000# wt over Trip out NO Fish Trip #22 Changed 2 1/8 grapple and replaced w/ 2 1/6 grapple Trip in to top of liner Shut down.	
07-14	Trip #22 Tagged @ 6068.91 feet worked it couldn't get hold on it pulled 3,000# wt over once Trip out NO Fish Trip #23 Changed out 6662 over-shot and replaced w/ 10546 short catch Couldn't get a hold trip out checked over-shot over and saw mark look like had two fish @ the same place. Trip #24 Pulled up 4 1/2 O.D. Recovery line and tool trip in part way.	Previous Total TOTAL

SUPERVISOR J. R. Maxwell AUTHORIZED BY _____



DOMIAM OIL TOOL COMPANY INC.

SUPERVISOR'S DAILY RESUME & COST ESTIMATE

JOB # 33003

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214CUSTOMER Southeast Royalty Co. DISTRICT OR STORE FarmingtonLOCATION Jicarilla 101 1-A CAR MILEAGE ROUNDTRIP _____DATE 07-17 & TIME _____ LEFT STORE-DATE _____ & TIME _____ RETURNED TO STORE _____

DATE	DAILY LOG	ESTIMATE OF RENTAL & REP.
07-17	Trip #24 Finished trip in Milled from 6068.91 to 6071.66 feet Milled 2.75 feet stop going trip out mill was 100% worn out. Trip #25 Pulled back up short-catch and shot and took trip in by 20 ft of 7 ft shut down.	
07-18	Trip #25 Finished trip in to fish worked. it couldn't get onto fish trip out checked over-shot over. Some scars and on the bottom of grapple no marks inside of grapple. Trip #26 Trip in by Rotary Shear #2 by top of line shot down for weekend location to shop	115
07-19	Shot Down	115
07-20	Trip #26 Finished trip in tagged @ 6065.76 feet Milled 2.25 feet to 6023.01 Could see where it was up inside the shoe 3.00 feet.	
	Previous Total	
	TOTAL	

SUPERVISOR

J. K. Madrell

AUTHORIZED BY _____



DOMINAM OIL TOOL COMPANY INC.

SUPERVISOR'S DAILY RESUME & COST ESTIMATE

JOB # 33003

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#14CUSTOMER Southland Royalty Co. DISTRICT OR STORE HarmingtonLOCATION Liavilla 101 1-A CAR MILEAGE ROUNTRIP _____DATE 07-20 & TIME _____ LEFT STORE-DATE _____ & TIME _____ RETURNED TO STORE _____

DATE	DAILY LOG	ESTIMATE OF RENTAL & REP.
07-20	Trip # 27 Ran a Impression Block	
07-21	Trip # 28 Trip in by over-shot #6612 tagged @ 6071.00 feet and worked over shot down to 6074.00 feet Trip out <u>NO Fish</u> Trip # 29 Ran 4 1/2 O.D Magnet on wire-line shot some metal shaving back, no big pieces. Trip # 30 Trip in by keylow socket would pull 4,000# to 6,000# over ut. would pop and come free. Many times trip out checked tool over and checked slip segment. Trip # 31 Keylow socket by different slip Ran 20 yds TBC.	
07-22	Trip # 31 Finished trip in to fish. Finished trip in. Worked tool couldn't get 8000# ut pulled over ut and it would pop and come free. Trip out <u>NO Fish</u>	
07-23	Trip # 32 Ran a Box tap Recovered about a 10 foot slotted piece of pipe.	
	Previous Total	
	TOTAL	

SUPERVISOR J.R. Maxwell AUTHORIZED BY _____



DORAM OIL TOOL COMPANY INC.

SUPERVISOR'S DAILY RESUME & COST ESTIMATE

JOB # 33003

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CUSTOMER Southland Royalty Co. DISTRICT OR STORE Birmingham #14LOCATION Levellville 101 1-A CAR MILEAGE ROUNDTRIP _____DATE 07-22 & TIME _____ LEFT STORE-DATE _____ & TIME _____ RETURNED TO STORE _____

DATE	DAILY LOG	ESTIMATE OF RENTAL & REP.
07-22	Trip # 32 Total Recover: 113 full jts of 2 1/4 TBC 3 - 10' foot Blast jts 17.78' feet of 2 1/4 TBC 10' foot of milled and bent up tubing.	
	Trip # 33 Tagged @ 6068.00 feet Recovered 21.00' feet of 2 1/4 IT TBC Total of: 113 full jts of TBC 3 - 10' foot Blast jts 17.78' feet of 2 1/4 TBC 10.00' feet of milled	
	Trip # 34 Trip in up 10 jts of tubing	
07-23	Trip # 34 Finished trip in. Tagged @ 6090.69 feet Pulled up to 12,000 wt over and would pop and come free. Had to Level Rig up. Got cut up a sleeve about 18" long.	
	Trip # 35 Tagged @ 6090.69 feet Pulled up to 12,000 wt over. Came free	Previous Total
	Trip out No Fish	TOTAL

SUPERVISOR

J. K. McDowell

AUTHORIZED BY



DOMINAM OIL TOOL COMPANY INC.

SUPERVISOR'S DAILY RESUME & COST ESTIMATE

JOB # 33003

CUSTOMER Southland Royalty Co. DISTRICT OR STORE Farmington #14 Page 11LOCATION Jessville 101 1-A CAR MILEAGE ROUNDTRIP _____DATE 07-23 & TIME _____ LEFT STORE-DATE _____ & TIME _____ RETURNED TO STORE _____

DATE	DAILY LOG	ESTIMATE OF RENTAL & REP.
07-23	Trip #36 Removed 4 7/8 O.D. Box Top and replaced w/ 6662 over-shot w/ 2 extensions Tagged @ 6090.69 feet worked it and got it to go down 5 feet. Came up and pulled 9,000 ⁺ wt over and came free dragging from 4,000 to 6,000 ⁺ over wt.	
07-24	Trip #36 Finishing trip out. Recovered one full jt of tubing	
	Trip #37 Had to replace over-shot guide Tagged @ 6113.92 feet Recovered one jt of 2 1/2 tubing	
	Trip #38 Changed out Bowen Oil for 5744 and replace w/ 12729. Tagged @ 6168.13 feet Recovered 3 full jt of Blast jt 20.00 long one 19.60 feet on 4 1/2 Blast jt.	
	Total Recovered of: 115 full jt of 2 1/2 TBC, 3- 10.00 foot Blast jt, 17 28 feet of 2 1/2 TBC, 10.00 feet of milled and bent TBC, 21.00 feet of 2 1/2 TBC, 3- 20.00 foot Blast jt and 19.60 feet of the 4 1/2 Blast jt.	
	Trip #39 Started in well	Previous Total
	Box 30 jt of TBC.	TOTAL

SUPERVISOR

J R McDowell

AUTHORIZED BY _____



DOMINAM OIL TOOL COMPANY INC.

SUPERVISOR'S DAILY RESUME & COST ESTIMATE

JOB # 33003

Page 12

CUSTOMER Southland Royalty Co. DISTRICT OR STORE Farmington #14LOCATION Picarrilla 107 1-A CAR MILEAGE ROUNDTRIP _____DATE 07-25 & TIME _____ LEFT STORE-DATE _____ & TIME _____ RETURNED TO STORE _____

DATE	DAILY LOG	ESTIMATE OF RENTAL & REP.
07-25	Trip #39 Finished trip in. Tagged @ 6232.32' worked tools pulled up to 6000' wt over and it popped and came free Trip Out NO Fish Trip #40 Recover Removed 6662 crew shot and replaced w/ Bot Tap. Tagged @ 6238.32' worked it pulled up to 6000' wt over and came free. Trip Out NO Fish. Had two good scar marks straight across in the Bot Tap. Location to shop Shut Down.	
07-26		
07-27	Shop to location Trip #41: Ran a #3/4 O.D. Impression Block. Had some scar mark on it. Broke all tools down and loaded out. Location to shop. Total Recover from well. 115' full jts of 2 1/4" IJ TBG 3 - 10.00' foot Blast jts 17.78' feet of 2 1/4" IJ TBG 10.20' foot milled and bent up TBG 21.00' feet of 2 1/4" IJ TBG 3 - 20.00' foot Blast jts 19.60' feet of Blast jt.	115 Previous Total TOTAL

SUPERVISOR J. R. McDowell AUTHORIZED BY _____