

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)FORM 9-331-1
Budget Bureau No. 42-R1424

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 "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	5. LEASE DESIGNATION AND SERIAL NO. NM-03179
2. NAME OF OPERATOR Southland Royalty Company	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Drawer 570, Farmington, new Mexico 87401	7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1490' FNL & 1190' FEL	8. FARM OR LEASE NAME Aztec
	9. WELL NO. 8-E
	10. FIELD AND POOL, OR WILDCAT Basin Dakota
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 14-T28N-R11W
14. PERMIT NO.	12. COUNTY OR PARISH San Juan
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5742' GR	13. STATE New Mexico

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐

(Other) Casing & Cement Change

PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐☒

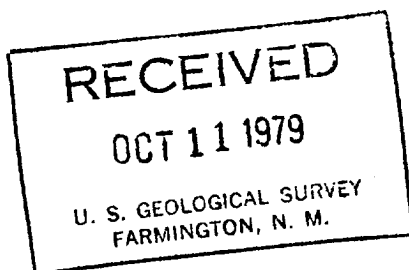
SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

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.)*

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight/Foot	Setting Depth	Quantity of Cement
7-7/8"	4-1/2"	10.5#	6467'	214 sxs (317 cu.ft.) 1st Stg
				184 sxs (272 cu.ft.) 2nd Stg
				310 sxs (460 cu.ft.) 3rd Stg



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

SIGNED

TITLE District Engineer

DATE October 9, 1979

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

OCT 16 1979

ACTING DISTRICT ENGINEER

*See Instructions on Reverse Side

DRILLING SCHEDULE - Aztec #8E

LOCATION: 1490' FNL & 1190' FEL, Section 14, T28N, R11W, San Juan County, New Mexico

FIELD: Basin Dakota ELEVATION: 5742' GR TD: 6467'

GEOLOGY:

Formation Tops:

Ojo Alamo	649'	Gallup	5354'
Fruitland	1457'	Greenhorn	6134'
Pictured Cliffs	1796'	Graneros	6199'
Cliff House	3344'	Dakota	6317'
Point Lookout	4139'	Total depth	6467'

Logging Program: IES from total depth to surface casing.
GR-Density from total depth to top of Cliff House.

Coring Program: None

Natural Gauges: None

DRILLING:

Contractor: Loffland #211

Tool Pusher: John Yates

SRC Representative: John Crum

SRC Answering Service: 325-1841
Dispatch Number: 325-7391

Mud Program: Fresh water mud to top of Pt. Lookout. Pretreat gel mud with 10% LCM. Maintain mud weight at 9.0 to 9.2, Vis to 35 sec., Water Loss at 12 to 15.

MATERIALS:

Casing Program:	Hole Size	Depth	Casing Size	Wt. & Grade	
	12-1/4"	200'	8-5/8"	24#	K-55
	7-7/8"	6467'	4-1/2"	10.5#	K-55

FLOAT EQUIPMENT:

8-5/8" Surface Casing: Pathfinder guide shoe.

4-1/2" Production Casing: Pathfinder guide shoe and Howco self-fill insert valve. Run 5 centralizers every other joint above shoe. Run Dowell stage tool at 4539' and 1996'. Run cement basket 1 joint below and 5 centralizers above each tool.

Wellhead Equipment: 8-5/8" X 10", 2000# Bradenhead with 4-1/2" casing hanger. 10" X 6", 2000# tubing head and tree.

DRILLING SCHEDULE - AZTEC #8-E

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CEMENTING PROGRAM:

8-5/8" Surface Casing

140 sxs or 165 cu. ft. of Class "B" with 1/4# gel flake per sx and 3% CaCl. WOC for 12 hours. Test to 600# prior to drilling out. (Volume is 100% excess).

4-1/2" Production String:

Stage 1: 214 sxs or 317 cu. ft. of 50/50 Poz with 6% gel, 1/4# gel flake per sx. (25% excess to cover Gallup.)

Stage 2: 184 sxs or 272 cu. ft. of 50/50 Poz with 6% gel. (50% excess to cover Cliff House)

Stage 3: 310 sxs or 460 cu. ft. of 50/50 Poz with 6% gel. (50% excess to cover Ojo Alamo.)

WOC and circulate between stages as required by well conditions.

Curtis C. Parsons
District Engineer

10-9-79
Date