

N.M.O.C.D. COPY
UNITED STATES

SUBMIT IN DUPLICATE*

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(See rin-
stru on
reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

NM 16094

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Hagerman, Federal "22" Com

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Undesignated (San Andres)

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

Sec 29, T-14-S, R-27-E

12. COUNTY OR PARISH
Chaves

13. STATE
New Mexico

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 _____ P&A

2. NAME OF OPERATOR
Southland Royalty Company /

3. ADDRESS OF OPERATOR
1100 Wall Towers West Midland, Texas 79701

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

At surface 1980' FSL & 1780' FEL; Sec 29, T-14-S, R-27-E

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO. DATE ISSUED

15. DATE SPUDDED 10/14/80 16. DATE T.D. REACHED 12/2/81 17. DATE COMPL. (Ready to prod.) P&A 4/24/81 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 3434.6' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 7660' 21. PLUG, BACK T.D., MD & TVD 2215' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

None - Well was P&A

26. TYPE ELECTRIC AND OTHER LOGS RUN
DLL/GR, CNL/FDC/GR-Caliper

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
11 3/4"	42#	225'	15"	250 sxs Cl "C" w/1%cc	Circ 75 sxs
8 5/8"	24#	1300'	11"	575 sxs lite & Cl "C" cmt	Circ 80 sxs
5 1/2"	14#	2600'	7 7/8"	400 sxs Cl "C"	Top cmt @ 10'0' by Temp Survey

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

1 JSPF @ 2443, 41, 39, 37, 2381, 79, 74, 72, 32, 29, 13, 11, 09, 07, 05, 2299, 96
1 JSPF @ 1921, 19, 17, 15, 04, 02, 1900, 1898, 96, 94, 76, 74

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
See Attached Summary	

33.* & 72 PRODUCTION

DATE FIRST PRODUCTION None PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) WELL STATUS (Producing or shut-in)

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL. GAS—MCF	WATER—BBL.	GAS-OIL RATIO
None						
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL. GAS—MCF	WATER—BBL.	OIL GRAVITY-API (CORR.)	

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

35. LIST OF ATTACHMENTS

Electric Logs

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

SIGNED *CC Pearson*

TITLE District Operations Engineer DATE 4/27/81

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Atoka	6925	7140'	DST #1 15 min IF weak blow. 1 hr ISI. FF weak blow & died. 3 hr FSI, IH 3949#, IF 75-100#, ISI 150#, FF 100-150#, FSI 175#, FH 3874#. Rec 40' drl mud. Sampler 16#. Rec 2000 cc drl mud. Temp 120°F.	Grayburg	820'	
				San Andres	1172'	
				Abo	4663'	
				Wolfcamp	5655'	
				Cisco	6138'	
				Canyon	6648'	
				Strawn	6900'	
				Mississippian	7270'	

HAGERMAN FEDERAL "29" COM #1

Treatment Summary

<u>Depth</u>	<u>Type Treatment</u>
2443-2277'	Spot 300 gal 10% acetic acid
2443-2277'	Acdz w/5000 gal 15% acid
2443-2277'	Sqz w/100 sxs Cl "C" w/2% cc
1921-1872'	Spot 250 gals 10% acetic acid
1921-1872'	Sqz w/75 sxs Cl "C"

FIELD Wildcat COUNTY Chaves OCC NUMBER _____

OPERATOR Southland Royalty Company ADDRESS 1000 Fort Worth Club Tower

Fort Worth, Texas 76102

LEASE Hagerman Federal "29" Com. WELL NO. 1

SURVEY 1980' FSL & 1980' FEL of Sec. 29, T-14-S, R-27-E

RECORD OF INCLINATION

<u>DEPTH (FEET)</u>	<u>ANGLE OF INCLINATION (DEGREES)</u>
225	0
800	1
1300	1
1788	1 1/4
2354	1 1/4
2776	1 1/2
3266	1 1/4
3764	1 1/4
4274	1 1/2
4694	1 1/2
5178	1 1/4
5828	1 1/4
6154	1
6631	1
6974	1 1/2
7360	2 1/4
7660	1 3/4

Certification of personal knowledge inclination data:

I hereby certify that I have personally assembled the data and facts placed on this form, and such information given above is true and complete to the best of my knowledge.

HONDO DRILLING COMPANY

BY: [Signature]

Walter Frederickson
Vice President

Sworn and subscribed to before me the undersigned authority, on this the

18th day of November, 1980.

Margaret B. Anderson Notary Public in and for Midland County, Texas
Margaret B. Anderson