

N.M.O.C.D. COPY
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See
instruc
s on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

NM 0557562

6. INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Citgo Federal Com

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Undesignated (Strawn)

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

Sec 5, T-20-S, R-28-E

12. COUNTY OR
PARISH

Eddy

13. STATE

New Mexico

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

MAY 13 1981

2. NAME OF OPERATOR

Southland Royalty Company

O. C. D.

ARTESIA, OFFICE

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 660' FNL & 1980' FEL

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

3/29/80

16. DATE T.D. REACHED

5/7/80

17. DATE COMPL. (Ready to prod.)

4/17/81

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

3328.6' GR

19. ELEV. CASINGHEAD

-

20. TOTAL DEPTH, MD & TVD

11,194'

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

10,355'

22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-TD

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

10,135-10,154' (Strawn)

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNL/FDC/GR-Caliper, DLL w/RXO Sidewall Neutron GR-Caliper

27. WAS WELL CORED

No

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

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
11 3/4"	42#	325'	15"	350 sxs Cl "C" Neat	Cmt circ to surfac
8 5/8"	24#	2600'	11"	1150 sxs Lite & Cl "C"	Circ 90 sxs
4 1/2"	11.6# & 13.5#	11,194'	7 7/8"	1125 sxs Lite & Cl "C"	TOC @ 6180' by
					Temp survey

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	10,029'	10,029'

31. PERFORATION RECORD (Interval, size and number)

See attached Perforation and Treatment Summary

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

DEPTH INTERVAL (MD)

AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION

4/18/81

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

Flowing

DATE OF TEST

4/24/81

HOURS TESTED

1

CHOKE SIZE

14/64"

PROD'N. FOR
TEST PERIOD

54.86

OIL—BBL.

3.25

GAS—MCF.

43.91

WATER—BBL.

-0-

GAS-OIL RATIO

55

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.)

Sold

TEST WITNESSED BY

Wayne Grubbs

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

TITLE Petroleum Operations Engineer

DATE 4/30/81

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

ACCEPTED FOR RECORD
ROGER A. CHAPMAN
MAY 4 1981
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

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	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Wolfcamp	9074'	9100'	DST #1: 15 min preflow, open tool w/very strong blow, GTS in 4 min, Flwg approx 7000 MCFGPD, 1 hr ISI, 1 hr FF, flw rate from 5600 MCFGPD to 8750 MCFGPD, 3 hr FSI. Rev out 750' of oil. Sampler leaked (only had 45#). Temp 148°F. IH 4653#, IF 1248-2200#, ISI 4076#, FF 1449-2692#, FSI 3553# FH 4679#.	Grayburg	1870'		
				San Andres	2218'		
				Bone Spring	4230'		
				3rd Bone Spring	7079'		
				Wolfcamp	7251'		
				Penn	9489'		
Strawn	10,028'	10,049'	DST #2: 15 min preflow, weak blow, 1 hr ISI, 1 hr FF-weak to very weak blow, 3 hr FF. Rec 30' DM. Sampler no press. Rec 250 cc CM. Temp 159°F. IH 5371#, IF 46# ISI 2455#, FF 23#, FSI 5080#, GH 5371#.	Strawn	9880'		
				Atoka	10,227'		
				Morrow Lime	10,655'		
Strawn	10,184'	10,209'	DST #3: 15 min preflow-open tool w/strong blow. GTS in 6 min. 15 min rate 875 MCFGPD. 1 hr ISI, 1 hr FF rate from 731-2703 MCFGPD. FSI 3 hrs. Rev out 1189' condensate. Sampler 4500#, Rec 27,215 CFG & tr of condensate. 175°F. IH 5489#, IF 463-694#, ISI 4876#, FF 509-1315#, FSI 4853#, FH 5489#.	Morrow Clastics	10,767'		

DST #4 See Attached