

NM OIL CONS. COMMISSION
Form 5-60-4
(July 1992)
PRIVATE & CONFIDENTIAL
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other In-
structions on
reverse side)

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

CLSF

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐

2. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. HORIZ. ☐ Other ☐

3. NAME OF OPERATOR

Southwest Royalties, Inc.

4. ADDRESS AND TELEPHONE NO.

P. O. Box 11390, Midland, Texas 79702 (915) 686-9927

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

At surface 1980' FNL & 1980' FEL

At top prod. interval reported below as above

At total depth as above

14. PERMIT NO.

NA

DATE ISSUED

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

15. DATE SPUDDED

2-18-93

16. DATE T.D. REACHED

3-8-93

17. DATE COMPL. (Ready to prod.)

3-25-93

18. ELEVATIONS (DP, RKB, RT, OR, ETC.)*

3032' KB

19. ELEV. CASINGHEAD

3020'

20. TOTAL DEPTH, MD & TVD

5821' MD & TVD

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

5758' MD & TVD

22. IF MULTIPLE COMPL., HOW MANY*

N/A

23. INTERVALS DRILLED BY

0-5821'

ROTARY TOOLS

CABLE TOOLS

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

5535-5660' Getty Sand (Delaware) MD & TVD

25. WAS DIRECTIONAL SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

DLL/MLL & CDL/CNL/GR, Cased hole GR/CBL/CCL Log

27. WAS WELL CORROD

NO

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
13-3/8 J-55	54.50#	600	17-1/2	Circ to surf - 1025 sx	NA
8-5/8 K-55	24 & 32#	3141	11	TOC 500' - 1900 sx	NA
5-1/2 K-55	17#	5820	7-7/8	TOC - 3895' - 700 sx	NA

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
NA					2-7/8"	5529'	NA

31. PERFORATION RECORD (Interval, size and number)

5583'-5656' 29 5" holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5583-5656'	1500 gal 15% NEFE Acid
5583-5656'	32,000 gal fluid + 105,000# sd.

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
3-25-93		Pumping 1-1/2" X 20' Pump				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3-30-93	24	NA	→	136	15	239	110
FLOW. TUBING PRESS.	CASINO PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
NA	NA	→	136	15	239	35.3	

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

Vented

35. LIST OF ATTACHMENTS

Open hole logs, Inclination survey, Cased hole logs.

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

SIGNED

Doug Keathley

TITLE

CARLSBAD, NEW MEXICO

DATE 3-30-93

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Getty (Delaware)	5535'	5660'	Oil & Water	Base Salt	2870'	2870'
				Delaware LS	3174'	3174'
				Delaware SS	3209'	3209'
				Cherry Canyon	4075'	4075'
				Manzanita Marker	4259'	4259'
				Williamson SS	5254'	5254'
				Getty SS	5535'	5535'

38. GEOLOGIC MARKERS



Roper Energy Company

PRIVATE &
CONFIDENTIAL

P. O. BOX 8005 • MIDLAND, TEXAS 79708-1005

INCLINATION REPORT

(One Copy Must Be Filed With Each Completion Report.)

1. FIELD NAME (as per RRC Records or Wildcat) Wildcat (Cherry Canyon)		2. LEASE NAME N. Brushy Draw Federal 35	7. RRC Lease Number. (Oil completions only)
3. OPERATOR Southwest Royalties, Inc.			8. Well Number #1
4. ADDRESS P. O. Drawer 11390 Midland, Texas 79702			9. RRC Identification Number (Gas completions only)
5. LOCATION (Section, Block, and Survey) SE/4, NE/4, Sec 35, T25S, R29E, Eddy Co. N. M.			10. County Eddy, N. M.

RECORD OF INCLINATION

*11. Measured Depth (feet)	12. Course Length (Hundreds of feet)	*13. Angle of Inclination (Degrees)	14. Displacement per Hundred Feet (Sine of Angle X100)	15. Course Displacement (feet)	16. Accumulative Displacement (feet)
237	237	1/2	.88	2.09	2.09
500	263	3/4	1.31	3.45	5.54
987	487	1 1/2	2.63	12.81	18.35
1099	112	1 3/4	3.06	3.43	21.78
1393	294	1 1/2	2.63	7.73	29.51
1863	470	1 3/4	3.06	14.38	43.89
2145	282	3/4	1.31	3.69	47.58
2617	472	1/2	.88	4.15	51.73
3141	524	1 1/2	2.63	13.78	65.51
3407	266	1	1.75	4.66	70.17
3907	500	1 3/4	3.06	15.30	85.47
4370	463	1	1.75	8.10	93.57
4870	500	1 1/4	2.19	10.95	104.52
5380	510	1	1.75	8.93	113.45
5821	441	1	1.75	7.72	121.17

If additional space is needed, use the reverse side of this form.

17. Is any information shown on the reverse side of this form? ☐ yes ☒ no
18. Accumulative total displacement of well bore at total depth of 5821 feet = 121.17 feet.
- *19. Inclination measurements were made in - ☐ Tubing ☐ Casing ☐ Open hole ☒ Drill Pipe
20. Distance from surface location of well to the nearest lease line _____ feet.
21. Minimum distance to lease line as prescribed by field rules _____ feet.
22. Was the subject well at any time intentionally deviated from the vertical in any manner whatsoever? No

(If the answer to the above question is "yes", attach written explanation of the circumstance.)

INCLINATION DATA CERTIFICATION

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have personal knowledge of the inclination data and facts placed on both sides of this form and that such data and facts are true, correct, and complete to the best of my knowledge. This certification covers all data as indicated by asterisks (*) by the item numbers on this form.

E. J. Roper
Signature of Authorized Representative
E. J. Roper, President
Name of Person and Title (type or print)
Roper Energy Company
Name of Company
Telephone: (915) 561-9700
Area Code

OPERATOR CERTIFICATION

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have personal knowledge of all information presented in this report, and that all data presented on both sides of this form are true, correct, and complete to the best of my knowledge. This certification covers all data and information presented herein except inclination data as indicated by asterisks (*) by the item numbers on this form.

Doug Keathley
Signature of Authorized Representative
Doug Keathley Engineer
Name of Person and Title (type or print)
Southwest Royalties, Inc.
Operator
Telephone: 915 686-9927
Area Code

Railroad Commission Use Only:

Approved By: _____ Title: _____ Date: _____

* Designates items certified by company that conducted the inclination surveys.