

N. M. O. C. C. COPY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

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 _____
2. NAME OF OPERATOR Southern Minerals Corp.						5. LEASE DESIGNATION AND SERIAL NO. NM-028083	
3. ADDRESS OF OPERATOR P.O. Box 716, Corpus Christi, Texas						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface At top prod. interval reported below At total depth						7. UNIT AGREEMENT NAME	
14. PERMIT NO.						DATE ISSUED	
15. DATE SPUDDED 4-25-69						16. DATE T.D. REACHED 5-4-69	
17. DATE COMPL. (Ready to prod.)						18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4201 DF	
19. ELEV. CASINGHEAD 4192.2 GL						20. TOTAL DEPTH, MD & TVD 3900'	
21. PLUG, BACK T.D., MD & TVD						22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY						ROTARY TOOLS 0 - 3900	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*						25. WAS DIRECTIONAL SURVEY MADE Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN Acoustic, Velocity, Guard, Forxo, Moveable Oil Plot						27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE 8-5/8		WEIGHT, LB./FT. 20#		DEPTH SET (MD) 380'		HOLE SIZE 12"	
CEMENTING RECORD 250 sx		MUD PULLED 0					
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)	
30. TUBING RECORD							
31. PERFORATION RECORD (Interval, size and number)							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in) Dry	
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD	
OIL—BBL.		GAS—MCF.		WATER—BBL.		GAS-OIL RATIO	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	
35. LIST OF ATTACHMENTS 1 set Electric Logs							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED W. G. McCoy		TITLE Agent				DATE 5-19-69	

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

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
San Andres	3660	3770	2 hr DST Rec. 180' S1 O&GC Drlg Fl 360' S1 O&GC Mud & Wtr 1207' S1 O&GC Wtr ISIP 892# 1 hr IF 227# FF 601# FSIP 881# 1 hr	Yates Queen San Andres PI	1767 2445 2983 3535		

- OPERATOR Southern Minerals Corp. ADDRESS P. O. Box 716 Corpus Christi
HOBBBS OFFICE O. C. C.
LEASE Harris-Federal WELL NO. 1 FIELD Cato
LOCATION 1980' FEL, 660' PSL, S-6, T-9-S, R-31-E, Chaves County
MAY 23 11 58 AM '69

INCLINATION REPORT

Depth	Angle Inclination (degrees)	Displacement	Displacement Accumulated
350'	1/4	1.5764	1.5764
850'	3/4	6.4714	8.0478
1345'	1	8.6625	16.7103
1720'	1-1/4	8.1750	24.8853
2200'	1-1/2	12.5760	37.4613
2500'	1-3/4	9.1500	46.6113
2960'	1/4	2.0240	48.6353
3450'	1/2	4.2630	52.8983
3690'	1/2	3.8280	56.7263

I hereby certify that the above data as set forth is true and correct to the best of my knowledge and belief.

CACTUS DRILLING COMPANY

By: Ronnie Ramsey

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MAY 20 1969
U. S. GEOLOGICAL SURVEY
ALBUQUERQUE, NEW MEXICO

Affidavit:

Before me, the undersigned authority, appeared Ronnie Ramsey, known to me to be the person whose name is subscribed herebelow, who, on making deposition, under oath states that he is acting for and in behalf of the operator of the well identified above, and that to the best of his knowledge and belief such well was not intentionally deviated from the true vertical whatsoever.

Ronnie Ramsey
(Affiant's Signature)

Sworn and subscribed to in my presence on this the 5 day of April
19 69.

August R. Brown
Notary Public in and for the county
of Lea, State of New Mexico