

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other
instructions 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 _____		5. LEASE DESIGNATION AND SERIAL NO. NM-073394-A	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME -	
2. NAME OF OPERATOR Shell Oil Company		7. UNIT AGREEMENT NAME -	
3. ADDRESS OF OPERATOR P. O. Box 1509, Midland, Texas 79702		8. FARM OR LEASE NAME Corder Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FWL and 1980' FSL At top prod. interval reported below same At total depth Same SEP 26 1977		9. WELL NO. 5	
14. PERMIT NO. O.C.C. ARTESIA, OFFICE		13. STATE New Mexico	
15. DATE SPUDDED 6-30-77		12. COUNTY OR PARISH Chaves	
16. DATE T.D. REACHED 7-9-77		13. STATE New Mexico	
17. DATE COMPL. (Ready to prod.) 7-19-77		19. ELEV. CASING HEAD -	
18. ELEVATIONS (DF, RKB, RT, OR, ETC.)* 4052.5 GR		25. WAS DIRECTIONAL SURVEY MADE No	
20. TOTAL DEPTH, MD & TVD 3463		23. INTERVALS DRILLED BY 0-3463	
21. PLUG, BACK T.D., MD & TVD 3424		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3400-3401 San Andres	
22. IF MULTIPLE COMPL., HOW MANY* -		26. TYPE ELECTRIC AND OTHER LOGS RUN DLL-GR, BHC-GR, SNP-GR, MLL, ML	
23. INTERVALS DRILLED BY 0-3463		27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8 5/8"	32#	260	12 1/4"
5 1/2"	15.5#	3463	7 7/8"
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 3/8"	3405	3299	
31. PERFORATION RECORD (Interval, size and number)			
3400-3401 (2 holes)			
1 - 1/4" JS/ft.			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
3400-3401		500 gals 20% HCl	
33.* PRODUCTION			
DATE FIRST PRODUCTION 9-1-77		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping 20-150-RWBC-16-4-0	
DATE OF TEST 9-6-77		WELL STATUS (Producing or shut-in) Producing	
HOURS TESTED 24	CHOKE SIZE -	PROD'N. FOR TEST PERIOD 60	GAS—MCF. 80
WATER—BBL. 80	GAS—OIL RATIO 1333		
FLOW. TUBING PRESS. 35	CASING PRESSURE 35	CALCULATED 24-HOUR RATE 22.8	OIL GRAVITY-API (CORR.)
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold			
35. LIST OF ATTACHMENTS Logs and Deviation Record			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED J. D. D'Agostino		TITLE Senior Drilling Engineer	
DATE SEP 16 1977			

*(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 TRUE VERT. DEPTH
San Andres	3400	3401	Hydrocarbon and water bearing	Base Red Beds Yates San Andres San Andres Marker "A" Zone "B-C" Zone TD	942 1461 2645 3184 3339 3422 3469

INCLINATION REPORT

OPERATOR Shell Oil Co. ADDRESS P.O. Box 1509, Midland, Texas 79701
 LEASE NAME Corder Federal WELL NO. 5 FIELD _____
 LOCATION Sec. 4, T-9S, R-30E, Chaves County, New Mexico

DEPTH	ANGLE INCLINATION DEGREES	DISPLACEMENT	DISPLACEMENT ACCUMULATED
260	1/2	2.2620	2.2620
744	1/2	4.2108	6.4728
1231	3/4	6.3797	12.8525
1724	1	8.6275	21.4800
1878	1	2.6950	24.1750
2361	1	8.4525	32.6275
2460	3/4	1.2969	33.9244
3102	1/2	5.5854	39.5098
3219	1/2	1.0179	40.5277
3326	1/2	.9309	41.4586
3438	1/2	.9744	42.4330
3463	1/2	.2175	42.6505

RECEIVED
 SEP 20 1977
 U.S. GEOLOGICAL SURVEY
 ARTESIA, NEW MEXICO

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

Garlin Taylor
 TITLE Garlin Taylor, Admn. Asst.

AFFIDAVIT:

Before me, the undersigned authority, appeared Garlin Taylor
 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.

Garlin Taylor
 AFFIANT'S SIGNATURE

Sworn and subscribed to in my presence on this the 21st day of July, 1977

MY COMMISSION EXPIRES MARCH 1, 1980

SEAL

James L. McGuire
 Notary Public in and for the County
 of Lea, State of New Mexico