

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

Shell Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 1509, Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with instructions on reverse side)

At surface 1980' FNL and 1980' FWL

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

DATE ISSUED

O.E.C.
ARTESIA, OFFICE

15. DATE SPURRED 7-17-77 16. DATE T.D. REACHED 7-23-77 17. DATE COMPL. (Ready to prod.) 9-4-77 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4068.10 GR 19. ELEV. CASINGHEAD -
20. TOTAL DEPTH, MD & TVD 3463 21. PLUG, BACK T.D., MD & TVD 3463 22. IF MULTIPLE COMPL., HOW MANY* - 23. INTERVALS DRILLED BY - ROTARY TOOLS 0-3463 CABLE TOOLS -
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3374-3425' San Andres

26. TYPE ELECTRIC AND OTHER LOGS RUN

DLL, SNP, MLL-ML, BHC-Sonic

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	32#	258	12 1/4"	150 sacks	
5 1/2"	15.5#	3463	7 7/8"	2245 sacks	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	3400	3317

31. PERFORATION RECORD (Interval, size and number)

3374', 3383', 3388', 3394', 3403',
3405', 3424', 3425', (8 holes)
W/1 - .43" JS/ft.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3374-3425	1000 gals 20% HCl

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
9-4-77		Pumping 20-150-RWBC-16-4-0					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
9-6-77	24	-	→	10	80	35	8000	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
35	35	→				22.7		
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)								

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

Sold

TEST WITNESSED BY

J. L. Parker

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 33.

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: "Seals 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.	38. GEOLOGIC MARKERS	MEAS. DEPTH	TRUE VERT. DEPTH
San Andres	3366	3387	Hydrocarbon and water	Base Red Beds	948	
San Andres	3387	3420	Hydrocarbon and water	Yates	1495	
San Andres	3420	Unknown	Hydrocarbon and water	San Andres Marker	2660	
				San Andres Zone	3211	
				"A" Zone	3367	

INCLINATION REPORT

OPERATOR Shell Oil Company ADDRESS P.O. Box 1509, Midland, Texas 79701
 LEASE NAME Amoco "A" Federal #7 WELL NO. 7 FIELD _____
 LOCATION Section 4, Township 9S, Range 30E

DEPTH	ANGLE INCLINATION DEGREES	DISPLACEMENT	DISPLACEMENT ACCUMULATED
258	1/2	2.2446	2.2446
710	1/2	3.9324	6.1770
1197	1/2	4.2369	10.4139
1471	1/2	2.3838	12.7977
1958	1/2	4.2369	17.0346
2253	1/2	2.5665	19.6011
2715	3/4	6.0522	25.6533
3238	3/4	6.8513	32.5046
3463	1	3.9375	36.4421

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 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 25th day of July, 1977

MY COMMISSION EXPIRES MARCH 1, 1980

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

SEAL

RECEIVED

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