

REPROD. 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						7. UNIT AGREEMENT NAME	
H & S OIL COMPANY ✓						8. FARM OR LEASE NAME	
3. ADDRESS OF OPERATOR						9. WELL NO.	
216 American Home Building - Artesia, New Mexico 88210						10. FIELD AND POOL, OR WILDCAT	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA	
At surface 660' FNL 660' FWL Section 18-T17S-R28E						12. COUNTY OR PARISH	
At top prod. interval reported below						13. STATE	
At total depth						14. PERMIT NO.	
O. C. D. ARTESIA, OFFICE						15. DATE SPUDDED	
16. DATE T.D. REACHED						17. DATE COMPL. (Ready to prod.)	
11/20/80 11/25/80 1/9/81						18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	
20. TOTAL DEPTH, MD & TVD						21. PLUG, BACK T.D., MD & TVD	
1784'						22. INTERVALS DRILLED BY	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME AND ANNOTATION						25. WAS DIRECTIONAL SURVEY MADE	
Queen - Grayburg 1230-50 1732-11						Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN						27. WAS WELL CORED	
Compensated Neutron-Formation Density						No	
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"	24#	369'		225 sks. Class C W/3# Cal. ch		cir. 35 sks.	
5 1/2"	14#	1784'		200 sks. 50/50 pos. w/2# bentonite, 3# colite			
5				1/4# caloflake, .2# anti foam agent			
29. LINER RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD		
					SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	1637	
31. PERFORATION RECORD (Interval, etc.)							
1230 - 1744							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
1230 - 1744				750 gal. acid, 32000 gal. gelled water, 18000 lbs. 20-40 sand 3000 lbs. FLA 100			
33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
WOPL						Shut-in	
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—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
			1	200	None		
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	
Will be sold to Phillips Petroleum Co. on completion of their pipeline						H.R. Spencer	
35. LIST OF ATTACHMENTS							
Deviation Survey - 2 logs							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED		TITLE		DATE			
H.R. Spencer		Partner		3/25/81			

*(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
Red Bed Shale Anhydrite & Shale	0 380 1214	380 1214 1784		Queen Sand Grayburg San Andres	990 1437 1766	

ARTESIA FISHING TOOL COMPANY

P. O. BOX 307 PHONE 581-1081
FIRST MAIN STREET
ARTESIA, NEW MEXICO

November 28, 1980

H & S Oil Company
American Home Security Life Bldg.
Artesia, NM 88210

RE: Hastie #20
660' FNL & 660' FWL
Sec. 18, T17S, R28E
Eddy County, NM

ACCEPTED FOR RECORD
PETER W. CHESTER

APR 6 1981

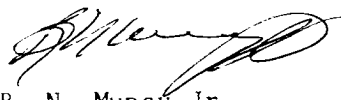
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

Gentlemen:

The following is a Deviation Survey of the above captioned well:

DEPTH	DEVIATION
380'	1/2°
990'	1/2°
1534'	1/2°
1780'	3/4°

Very truly yours,



B. N. Muncy Jr.
Secretary

STATE OF NEW MEXICO *l*
COUNTY OF EDDY *l*

The foregoing was acknowledged before me this 28th day of November, 1980.

