

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 ☐		5. LEASE DESIGNATION AND SERIAL NO. LC 045818(a)	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Artesia, NM	
2. NAME OF OPERATOR H & S Oil Company		7. UNIT ACQUISITION 88210	
3. ADDRESS OF OPERATOR 216 American Home Bldg. - Artesia, New Mexico 88210		8. FARM OR LEASE NAME Hastie	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 660' FNL 1980 FWL of Section 18-T17S-R28E At top prod. interval reported below At total depth		9. WELL NO. 21	
14. PERMIT NO. DATE ISSUED ARTESIA OFFICE		10. FIELD AND POOL, OR WILDCAT Red Lake (Q.G.S.A.)	
15. DATE SPUDDED 8/11/81		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 18-T17S-R28E	
16. DATE T.D. REACHED 8/17/81		12. COUNTY OR PARISH	
17. DATE COMPL. (Ready to prod.) 9/24/81		13. STATE	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* GR 3537.3		19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 1798'		21. PLUG, BACK T.D., MD & TVD 1798'	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY 1798'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 1752-1765 San Andres, <i>Sh.</i>		25. WAS DIRECTIONAL SURVEY MADE Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN Compensated Neutron - Gamma Ray Correlation Log		27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE		WEIGHT, LB./FT.	
8 5/8"		23#	
5 1/2"		14#	
DEPTH SET (MD)		HOLE SIZE	
357			
1798'			
CEMENTING RECORD		AMOUNT PULLED	
225 Sacks Cement - Circulated			
300 Sacks cement - Circulated			
29. LINER RECORD			
SIZE		TOP (MD)	
BOTTOM (MD)		SACKS CEMENT*	
SCREEN (MD)			
30. TUBING RECORD			
SIZE		DEPTH SET (MD)	
2 3/8"		1782	
PACKER SET (MD)			
31. PERFORATION RECORD (Interval, size and number)			
1752-56 with 4 shots			
1761-65 with 4 shots			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
1752 - 1765		Acidized w/1000 gal. Fraced	
		w/30,000 gal. YF3P50, w/10,000	
		lbs. FLA100, 30,000# 20/40	
		sand, 5000# 10/20 Sand	
33. PRODUCTION			
DATE FIRST PRODUCTION 9/24/81		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
WELL STATUS (Producing or shut-in) Shut-in			
DATE OF TEST 9/24/81		HOURS TESTED 5	
CHOKE SIZE 3/4"		PROD'N. FOR TEST PERIOD None	
OIL—BBL. None		GAS—MCF. 15.8	
WATER—BBL. 1		GAS-OIL RATIO	
FLOW. TUBING PRSS. 235#		CASING PRESSURE 350#	
CALCULATED 24-HOUR RATE None		OIL—BBL. None	
GAS—MCF. 79		WATER—BBL. 5	
OIL GRAVITY-API (CORR.)			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold - Phillips Petroleum			
TEST WITNESSED BY H. R. Spencer			
35. LIST OF ATTACHMENTS 4 logs - directional survey			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED <i>H. R. Spencer</i>		TITLE Partner	
DATE 11/13/81			

*(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:			38. GEOLOGIC MARKERS		
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	
				MEAS. DEPTH	
				TRUE VERT. DEPTH	
				Queen	980
				Grayburg	1445
				San Andres	1766

Hastie No. 21
Unit C.
Section 18-T17S-R28E

A-1 BIT & TOOL COMPANY
P. O. BOX 26292 OKLAHOMA CITY, OKLA.

Model A ~~OSURE SHOT~~ 7°

H & S oil Co. Date 8-11-81

Well Hastie #21 Depth 370

Location _____ Degrees 3/4°

By Bob Johnson

RECEIVED
DEC 22 1981
O. C. D.
ARTESIA, OFFICE

A-1 BIT & TOOL COMPANY
P. O. BOX 26292 OKLAHOMA CITY, OKLA.

Model A ~~OSURE SHOT~~ 7°

H and S oil Co. Date 8-13-81

Well Hastie #1 Depth 490

Location _____ Degrees 1°

By Marty Weitzel

A-1 BIT & TOOL COMPANY
P. O. BOX 26292 OKLAHOMA CITY, OKLA.

Model A ~~OSURE SHOT~~ 7°

H & S oil Co. Date 8-15-81

Well Hastie #21 Depth 1330'

Location _____ Degrees 1/2°

By Marty Weitzel

I hereby certify that the information given is true and complete to the best of my knowledge.

Flournoy E. Foster
Notary Public

My commission expires:

September 29, 1983