

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. 0245247	
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 HILLTOP OIL & GAS, INC.				7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P.O. Building, of the State West, Island, Texas 75781				8. FARM OR LEASE NAME McClain-Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1000' ELL & 1300' NSL At top prod. interval reported below random At total depth random				9. WELL NO. 1	
14. PERMIT NO. _____ DATE ISSUED _____				12. COUNTY OR PARISH _____ 13. STATE _____	
15. DATE SPUDDED 11-1-74	16. DATE T.D. REACHED 10-17-74	17. DATE COMPL. (Ready to prod.) 10-17-74	18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 08 3000	19. ELEV. CASINGHEAD 3903	
20. TOTAL DEPTH, MD & TVD 11,751'	21. PLUG, BACK T.D., MD & TVD 570'	22. IF MULTIPLE COMPL., HOW MANY* 1	23. INTERVALS DRILLED BY 14,751'	ROTARY TOOLS CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 11,751' - 5024' Bone Spring Sand				25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN 100' Sonic, 100' OH, 100' LL				27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10 5/8"	34.08	300	17 1/2"	200' 10" 10"	None
8 1/2"	24.00	1112	11"	300' 10" 10", 200' 10" 10"	None
29. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	
10 5/8"	1370'	1540'	100	10	
30. TUBING RECORD					
SIZE	DEPTH SET (MD)	PACKER SET (MD)			
10 5/8"	1510'	None			
31. PERFORATION RECORD (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
11,751' - 11,751' (1" x 0.9" shots)			DEPTH INTERVAL (MD)		
11,751' - 11,751' (1" x 0.9" shots)			AMOUNT AND KIND OF MATERIAL USED		
			100' 10" 10"		
			Fractured w/30, 200 gal pulled		
			No water & 10, 000' SD.		
33.* PRODUCTION					
DATE FIRST PRODUCTION 11-1-74		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) 100' 10" 10"			WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 11-1-74	HOURS TESTED 24	CHOKE SIZE 100	PROD'N. FOR TEST PERIOD 100	OIL—BBL. 100	GAS—MCF. 24.7
FLOW. TUBING PRESS. 4000	CASING PRESSURE 4000	CALCULATED 24-HOUR RATE 100	OIL—BBL. 100	GAS—MCF. 24.7	WATER—BBL. 35
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) fuel & vented					TEST WITNESSED BY J. H. McConick
35. LIST OF ATTACHMENTS Logs, test reports, and logs, geological report furnished under separate cover					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED J. H. McConick		TITLE Dir. of Operations		DATE 11-12-74	

*(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: "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
Bone Springs	9500'	9607'	TEST #1 15' IF, 30' ISI, 30' FF, 120' FSI. Fec. 2615' GIDP, 10' Free oil, 170' GOCF. IHP 4174#, IFF 100-112#, ISIP 3171#, FFP 125-138#, FSIP 3882#, FHP 4174#.	Anhydrite Top of Salt Base of Salt Yates	1697' 1900' 2950' 3200'
Morrow	13130'	13206'	DST #2 10' IF, 120' ISI, 140' and F, 50' 2nd SI, 120' FF, 220' FSI. GTS during ISI, Flowed gas, cond. water. Sample Chamber - 3.97 cu ft gas, 200 cc cond., 520 cc water. IHP 7094#, IFF 1733-2434#, ISIP 6828#, 2nd IP 2623-2983#, 2nd SIP 6620#, IFF 1676-2434#, FSIP 6563#, IHP 7037#.	San Andres Delaware Bone Spring Wolfcamp Strawn Atoka Morrow Miss. Lime	5064' 5678' 7611' 10446' 12240' 12479' 13124' 14027'
Morrow	13270'	13369'	DST #3 Miss-run		
Morrow	13251'	13369'	DST #4 20' IF, 70' ISI, 80' FF, 120' FSI. Flowed gas at max. rate 17.1 MCF/C. Tools stuck. Pec 3000' CC, 210' GOCF. IHP 7176#, IFF 1494#. ISIP 5428#, FFP 1512#, FSIP 6458#, FHP 7176#.		