

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

HOBBS OFFICE O. C. 6. 11/20/66

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

Dec 13 10 59 AM '66

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐		2. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RISER ☐ Other ☐		3. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR HUNT COUNTY LAND CO.				8. FARM OR LEASE NAME	
3. ADDRESS OF OPERATOR 112 FLOYD ST. 75076 BEAUMONT, TEXAS				9. WELL NO. 5	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* As surface 660 FWL 1980 FSL SEC. 23, UNIT 2 NW/4 SW/4 As top prod. interval reported below As total depth				10. FIELD AND POOL, OR WELDOIR Crown Co. Sec. 23, T. 10S, R. 10E, S. 10E	
14. PERMIT NO.		DATE ISSUED		12. COUNTY OR PARISH Harris	
13. DATE SPUNDED		13. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.)	
11-1-66		11-2-66		12-2-66	
18. ELEVATIONS (DF, RNB, RT, CR, ETC.)*		19. ELEV. CEMENTED		4376 KB	
10. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*	
4380		4281		23. INTERVALS DRILLED BY →	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 1111 - 4253' SAN ANGELO				25. WAS WELL ZONAL SURVEY MADE	
26. TYPE ELECTRIC AND OTHER LOGS RUN 60 - NEUTRON				27. WAS WELL CURED	
28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PAID
7"	20#	1925'	11"	350	-
4 1/2"	25#	4325'	3 1/2"	350	-
29. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	
30. TUBING RECORD					
SIZE	DEPTH SET (MD)	PACKER SET (MD)			
2"	4140				
31. PERFORATION RECORD (Interval, size and number)					
4141, 43, 80, 85, 96, 4200, 02, 01, 11, 20, 20, 34, 39, 44, 51; 55'			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
DEPTH INTERVAL (MD)			AMOUNT AND KIND OF MATERIAL USED		
4141-4253'			H/2000 GALE FILL		
			F/15,000 GALE FILL		
			42,000 GALE FILL		
33. PRODUCTION					
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)			WELL STATUS (Producing or shut-in)
12-2-66		PUMPING			Producing
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.
12-2-66	24	-	→	60	NA
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.
-	-	→	60	NA	0
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)					TEST WITNESSED BY
VENTED					
35. LIST OF ATTACHMENTS					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED <u>Ray E. Arroyo</u>		TITLE <u>PROD. SECRETARY</u>		DATE <u>12-2-66</u>	

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a completed and cement well sample (s) 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 procedure 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 for item 25 for information on the completion of this form.

If not filed prior to the time this summary record is submitted, completed, or filed, any data, logs (drilling, geologic, sample and core analysis, all types electric logs), production 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 25.

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 production 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 identifying, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Stacks Completed": Attached supplementary 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 INTERVAL ZONES OF POROSITY AND CONTENTS THEREOF; CORDED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL DOWN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		
SAN ANDRES	4141	4253	OIL & GAS PRODUCING ZONE	YATES SAN ANDRES PL	2222 3385 3952

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBJECT IN DISCUSSION

(See other instructions on reverse side)

Form approved
Budget Bureau No. 42-10353-3

HOBBS OFFICE 0.6.6. NM 0108007-A

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐		5. LEASE DESIGNATION AND SERIAL NO. 0.6.6. NM 0108007-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 KEON COUNTY LAND CO.		7. UNIT AGREEMENT NAME -	
3. ADDRESS OF OPERATOR 418 FIRST STATE BANK, MIDLAND, TEXAS		8. FARM OR LEASE NAME FEDERAL 23	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 660 FWL? 1080 FSL. SEC. 23, UNIT L NW/4 SW/4 At top prod. interval reported below At total depth		9. WELL NO. 5	
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT CHAVEZCO. SAN ANDRES	
DATE ISSUED		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA 23-75-33E-NMAM	
15. DATE SPUDDED 11-1-66		12. COUNTY OR PARISH ROOSEVELT	
16. DATE T.D. REACHED 11-8-66		13. STATE N.M.	
17. DATE COMPL. (Ready to prod.) 12-3-66		19. ELEV. CASINGHEAD -	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4376 KB		20. TOTAL DEPTH, MD & TVD 4330	
21. PLUG, BACK T.D., MD & TVD 4281		22. IF MULTIPLE COMPL., HOW MANY* -	
23. INTERVALS DRILLED BY -		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4141 - 4253' SAN ANDRES	
25. WAS DIRECTIONAL SURVEY MADE -		26. TYPE ELECTRIC AND OTHER LOGS RUN GR-NEUTRON	
27. WAS WELL CORED NO		28. CASING RECORD (Report all strings set in well)	
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
7"	20#	1825'	11"
4 1/2"	9.5#	4325'	6 1/2"
CEMENTING RECORD		AMOUNT PULLED	
350		-	
350		-	
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
2"			
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2"	4140	NONE	
31. PERFORATION RECORD (Interval, size and number)			
4141, 43, 80, 85, 96, 4200, 02, 06, 11,			
21, 25, 34, 39, 46, 51; 53'			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
4141-4253'		A/ 2000 GALS. ACID	
		F/ 30,000 GALS. CRUDE	
		40,000 # SAND	
33. PRODUCTION			
DATE FIRST PRODUCTION 12-3-66	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) PUMPING		WELL STATUS (Producing or shut-in) PRODUCING
DATE OF TEST 12-3-66	HOURS TESTED 24	CHOKE SIZE -	PROD'N. FOR TEST PERIOD 60
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL. 60
			GAS—MCF. NA
			WATER—BBL. 0
			GAS-OIL RATIO NA
			OIL GRAVITY-API (CORR.) NA
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) VENTED			
35. LIST OF ATTACHMENTS			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED Ray Z. Arseny		TITLE PROD. SECRETARY	DATE 12-6-66

*(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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
SAN ANDRES	4141	4253	OIL & GAS PRODUCING ZONE	YATES SAN ANDRES	2222 3385 3952		