

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions 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. NM 0559815 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 Delaware-Apache Corporation		7. UNIT AGREEMENT NAME _____	
3. ADDRESS OF OPERATOR 1720 Wilco Bldg. Midland, Texas 79701		8. FARM OR LEASE NAME Koch Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FN & EL At top prod. interval reported below At total depth Same		9. WELL NO. 2	
14. PERMIT NO. _____ DATE ISSUED 12-9-70		10. FIELD AND POOL, OR WILDCAT Bluitt San Anders	
15. DATE SPUDDED 12-17		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 20, T8S, R38E	
16. DATE T.D. REACHED 12-28-70		12. COUNTY OR PARISH Roosevelt	
17. DATE COMPL. (Ready to prod.) 1-22-71		13. STATE N. Mex.	
18. ELEVATIONS (D _f , RKB, RT, GR, ETC.)* Gr 3982.1'		19. ELEV. CASINGHEAD _____	
20. TOTAL DEPTH, MD & TVD 4860'		21. PLUG, BACK T.D., MD & TVD 4787'	
22. IF MULTIPLE COMPL., HOW MANY* _____		23. INTERVALS DRILLED BY _____	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* San Andres 4773-4785'		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN _____		27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8-5/8"	32 & 24#	330	12-1/4"
4-1/2"	9.5#	4860'	7-7/8"
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2-3/8"	4700	4700	
2-3/8"	4785'		
31. PERFORATION RECORD (Interval, size and number) .41" holes, 4773-4785, 13 holes; 4789-90 2 holes; 4796-97, 2 holes.			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
4773-4797		160 gal acid	
4773-4797		500 gal acid	
4773-4785		500 gal acid	
33.* PRODUCTION			
DATE FIRST PRODUCTION 1-22-71		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) pump 2" x 1-1/2" x 15	
DATE OF TEST 1-22-71		WELL STATUS (Producing or shut-in) prod.	
HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL. 11
FLOW. TUBING PRESS.	CASING PRESSURE	GAS—MCF. 2.3	WATER—BBL. 75
CALCULATED 24-HOUR RATE	OIL—BBL. 11	GAS—MCF. 2.3	OIL GRAVITY-API (CORR.) 22°
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Used for fuel, vented			
35. LIST OF ATTACHMENTS Log, Sundry notice for production casing			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.			
SIGNED <u>Bonnie Husband</u>		TITLE <u>Production Clerk</u>	
DATE <u>21 2-3-71</u>			

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

RECEIVED

FEB 6 1971

OIL CONSERVATION COMM.
HOUSTON, TEXAS

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.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
San Andres	4770	4806	DST #1 4750-4810, preflow open 5min., Good blow; SI 60 min, open 120 min, weak to fair blow 60 mins, decreased. SI 6 hr. Recovered 120' slightly gas cut mud, 300' gas & water cut mud, 375' wtr. IHyp 2796; PFP 279; ISIP (Pkr leak); FP 279-444; FSIP 1487; FHyp 2785. Sample chamber rec .2 CFG; 80 cc oil, 2300 cc water. Sample pressure 80#, Temperature 115°	Anhydrite Yates Queen San Andres Pi Marker	2340 2708 3430 3935 4486	2340 2708 3430 3935 4486

RECEIVED

FEB 6 1971

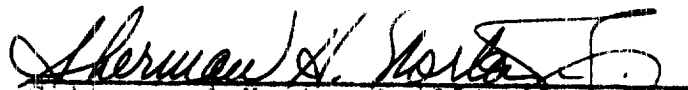
OIL CONSERVATION COMM.
HOUSTON, TEXAS

January 6, 1971

Deviation surveys taken on Apache Corporation #2 Koch Federal, Section 20, 8-38, Roosevelt County, New Mexico.

<u>Depth</u>	<u>Degree</u>
330	1/4
788	3/4
1282	1
1736	1
2165	3/4
2667	1
3225	1 1/2
3695	1 3/4
3958	1 1/2
4220	1 1/2
4440	1 1/4
4560	1
4770	1
4850	1

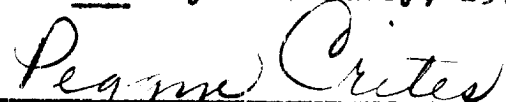
I hereby certify that I have personal knowledge of the facts and data placed on this sheet, and that such information given above is true and complete.


Sherman H. Norton, Jr., Vice President
Sitton and Norton Drilling Company

Before me, the undersigned authority, on this day personally appeared Sherman H. Norton, Jr., known to me to be the person whose name is subscribed hereto, who, after being duly sworn, on oath states that he is the drilling contractor of the well identified in this instrument and that such well was not intentionally deviated from the vertical whatsoever.


Sherman H. Norton, Jr., Vice President

Sworn and subscribed to before me, this the 6 day of January, 1971.


Peggy Crites
Notary Public in and for Lubbock County,
Texas.