

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.

5. LEASE DESIGNATION AND SERIAL NO.

**MM 0559815 A**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

**Koch Federal**

9. WELL NO.

**1**

10. FIELD AND POOL, OR WILDCAT

**Bluitt San Andres**

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

**21-8S-38E**

12. COUNTY OR PARISH

**Roosevelt**

13. STATE

**N. Mex.**

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG \***

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other **Temp. Abandoned**

b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other **Temp. Abandoned**

2. NAME OF OPERATOR

**DELAWARE-APACHE CORPORATION**

3. ADDRESS OF OPERATOR

**1720 Wilco Building Midland, Texas 79701**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface **660' FN & 535' FW of Sec. 21**

At top prod. interval reported below

At total depth **Same**

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

**8-25-70**

16. DATE T.D. REACHED

**9-5-70**

17. DATE COMPL. (Ready to prod.)

**Temp. Abandoned**

18. ELEVATIONS (DF, REB, RT, GR, ETC.)\*

**Gr. 3996'**

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

**4860'**

21. PLUG, BACK T.D., MD & TVD

**4830'**

22. IF MULTIPLE COMPL., HOW MANY\*

**→**

**4860'**

23. INTERVALS DRILLED BY

**→**

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

**Temporarily Abandoned**

25. WAS DIRECTIONAL SURVEY MADE

**No**

26. TYPE ELECTRIC AND OTHER LOGS RUN

**Guard Log and Sidewall Neutron Log**

27. WAS WELL COBED

**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#	350	12-1/4"	210 Sx	Circ
4-1/2"	10.5# & 9.5#	4860	7-7/8"	250 Sx	-0-

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"	4818	4557'

31. PERFORATION RECORD (Interval, size and number)

.41" holes- 4784-85; 4805-12; 4816-21  
with 1 JSPF  
.41" holes- 4732-34; 4742-46; with 1 JSPF

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4784-4821	3000 Gal DS-30 & 10,000 gal 15%
4732-4746	3000 gal 15% & 10,000 gal 15%

33.\* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
<b>I-A</b>		<b>Temp. Abandoned</b>					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
			<b>→</b>				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		<b>→</b>					

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

**2 copies of each log**

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE

**Production Clerk**

DATE

**10-21-70**

\*(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 83, 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.)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS						
San Andres	3978	4345	DST #1 4770-4845, Pre flow, 10 min, weak blow, SI 60 min, open 60 min, weak blow, after 10 min, SI 240 min, Recovered 35' drilg mud with small show oil, no water IHP 2747; PFP 79; ISIP 946; IFP 87; FFP 92; FSIP 1380; FHP 2747; Sample chamber recovered 2000 cc mud w/small show oil	38.						
				San Andres Pie Marker						
				<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">MEAS. DEPTH</th> <th style="width: 50%;">TRUE VERT. DEPTH</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">3978</td> <td></td> </tr> <tr> <td style="text-align: center;">4510</td> <td></td> </tr> </tbody> </table>	MEAS. DEPTH	TRUE VERT. DEPTH	3978		4510	
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