

EL DORADO COMPANY
EL DORADO, ARK.

LEASE Barthelme Unit
JOB NO. _____

WELL NO. 1
DATE COMPLETED 12-19-70

REASON FOR WORKOVER

RECEIVED

LEAK IN TUBING

SEP 11 1970

WELL STATUS AFTER WORKOVER

G.C.C.

ARTESIA, OFFICE
REMARKS

	SUB-SURFACE	SUB-SEA	
PERFORATIONS NOW OPEN			
NEW TOTAL DEPTH			

WELL PRODUCTION TESTS, BEFORE AND AFTER WORKOVER

Well Production Test, Before and After													
DATE	Test Pump	Test Size	Choke Size	PRESSURE			PUMP			24 HOUR PRODUCTION	D. & % W.	Gas-Oil Ratio	
				Tubing	Casing	Sep.	Stroke in.	S.P.M.	Size				Depth
12-4				2750	1735	940				24		0.3000 T-2.0000	
				2750	1710	920				24		0.3000 T-2.0000	

SUMMARY OF WORKOVER

RCL
Run Temp Survey - SEVERE TO FIND LEAK - TRY TO REPAIR LEAK BY PACKING OFF
PACK-OFF ASSEMBLY ALONG WITH HOPE TO STOP LEAK PULL WELL
WITH TREATED FRESH WATER. PULL TUBING FROM HOLE. REPAIR
BOO ST. AND REPAIR SLEAVE AND ON-OFF TOOL. RUN TUBING BACK
INTO HOLE - CLEAN UP WELL AND PUT BACK ON PRODUCTION.

DETAIL OF WORKOVER

DATE	WORK DONE
12-8	SHUT WELL FOR 24 HRS IN PREPARATION TO RUN TEMP SURVEY
12-9	RUN TEMP SURVEY - UNABLE TO GET TOOL TO OPERATE THEN UNABLE TO GET OUT OF LUBRICATOR
12-10	RUN TEMP SURVEY - FOUND LEAK AT TOP OF OTIS PACK-OFF ASSEMBLY AT 5785' (LOGO MEASUREMENTS)
12-12	RUN 2' LONGER SLEEVE TUBING STILL LEAKING
12-13	RUN 2' SHORTER SLEEVE " " " " " " PULL ALL OTIS TOOLS FROM HOLE
12-14	SET BLANK-OFF PLUG IN BARREL ON-OFF TOOL AND OPEN BAKER SLEEVE WITH WELL WITH TREATED WTR.
12-15	PULL TUBING, FOUND COLLAR LEAK BETWEEN 1885' 1895' ST (COLLAR LAPPED 5 THREADS FROM BEING MADE UP AND ONE SIDE OF THREADS WERE CUT OUT.
12-16	HYDRO TEST TUBING BACK INTO HOLE TO 4000 PSI - COULD NOT LATCH INTO ON-OFF TOOL
12-17	CLOSE SLEEVE AND WASHED OVER. TOOL AND LATCHED IN - STUCK THEN TESTED TO 3000 PSI SURFACE PRESS EVERYTHING HELD. OPEN SLEEVE AND START TO SHUT WELL
12-18	SWAB UNIT DOWN PART OF NIGHT DUE TO LIGHT PLANT FAILURE WELL KICKED OFF ABOUT 8:30 AM DIED AT 11:00 AM KICKED OFF AGAIN AT 11:30 PM