

ARCO Oil and Gas Company

Division of AtlanticRichfieldCompany
California District, Bakersfield

COMPLETION REPORT OF New **WELL NO.** Columbia County 44-21
(NEW, DEEPENING, ETC.)

FIELD Mist Gas **LOC.** 271.72' North and 472.19' West of the
Southeast Corner of Section 21 **SEC.** 21 **T.** 6N **R.** 5W **W.** B & M

ELEV. OF GROUND 869.6 **ALL MEAS. FROM** Kelly Bushing **WHICH IS** 10 **FT. ABOVE GROUND**

COMMENCED DRILLING 1-24-85 **COMPLETED** DRILLING 2-5-85 **DRILLING TOOLS** **ROTARY**
WORK WORK **CABLE**

ORIG. T. D. 4500' **PLUG** 2400' - 2200' **Junk:** None
2138' - 2050'

Logs Run: DIL, BHC Sonic, Neutron Density, Dipmeter, Cyberdip, CBL, CET, & Mud Log
Geological Marker: C&W 1895'

Stabilized Rate Test: 1830 MCF/D, 675 FTP **FLOWING** **PUMPING** **GAS LIFT**

DATA

DATE	CLEAN OIL BBL. PER DAY	GRAVITY CLEAN OIL	PER CENT WATER INCL. EMULSION	GAS M. C. F. PER DAY	TUBING PRESSURE	CASING PRESSURE
INITIAL _____	SHUT-IN					
PROD. AFTER _____ DATE						

CASING RECORD

SIZE OF CASING A. P. I.	TOP OF CASING	DEPTH OF SHOE	WEIGHT OF CASING	GRADE OF CASING	NEW OR USED	SEAMLESS OR LAPWELD	SACKS CEMENT	DEPTH OF CEMENTING IF THROUGH PERFORATIONS
16"	14'	25'	Line Pipe as Conductor					
9-5/8"	13'	990'	36#	K-55	New	Seamless	600*	
5-1/2"	12'	2138'	17#	K-55	New	Seamless	675*	

*See History

CEMENTING OR OTHER SHUT OFF RECORD

SIZE OF CASING	DEPTH LANDED	DEPTH CEMENTED	HOLE SIZE	NO. SACKS USED	KIND OF CEMENT	RESULT OF TEST
9-5/8"	990'	990'	12-1/4"	600*	Class "G"	L.O.T.
5-1/2"	2138'	2138'	8-3/4"	675*	Class "G"	

PERFORATION RECORD

SIZE OF CASING	FROM	TO	SIZE OF PERFORATIONS	NUMBER OF ROWS	DISTANCE BETWEEN CENTERS	METHOD
5-1/2"	1890'	1905'	Four holes per foot			Jet
5-1/2"	1917'	1923'	Four holes per foot			Jet
5-1/2"	1928'	1936'	Four holes per foot			Jet

DATE March 14, 1985

BY
D. G. Ruckel
District Drilling Superintendent