

WORKOVER PROCEDUREDATE: 05-03-88WELL NO. & TYPE OF JOB: Empire Abo Unit #G-36: P & ADRILLED & COMPLETED: 1960 LAST WO: 07/80: Convert to Natural FlowFIELD: Empire Abo COUNTY: Eddy, NM PREPARED BY: W C HeardTD: 6463' PBD: 6432' DATUM: KB DIST RKB TO GL: TUBINGHEAD: MAKE  SIZE  PRESSURE RATING 

CASING INFORMATION:	SIZE	WEIGHT	GRADE	SET @	SX CMT	TOC
SURFACE:	<u>8-5/8</u>	<u>28#</u>	<u>J-55</u>	<u>752</u>	<u>250</u>	<u>surf-circ</u>
INTERMEDIATE:	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>
PRODUCTION:	<u>5-1/2</u>	<u>15.5#</u>	<u>J-55</u>	<u>6463</u>	<u>450</u>	<u>2648-CBL*</u>

\*CBL also ind bonding f/1670-1320'.

PRESENT PERFORATIONS & FORMATION: Abo 6196-6216'TUBING DATA: SIZE 2-3/8 WT. 4.7 GRADE J-55 THD. EUE BTMD @ 5834'  
NO. OF JTS. 185 MISC. SN, pkr PACKER & MISC.: Baker Mod "R" double grip pkr @ 5834'.WELL HISTORY

Drilled and completed May of 1960, by Hondo Oil and Gas Company. In January and February, 1978, well was worked over to eliminate a water flow out the 8-5/8" x 5-1/2" annulus. After running Casing Inspection Log and CBL, perforated 5-1/2" casing at 1300'. Cemented with 600 sacks thixotropic cement and 400 sacks Class "H". Ran CBL - no indication of cement behind 5-1/2". Drilled out cement. Cemented again with 50 barrels Flo-Chek, 400 sacks Class "C", 2000 gallons BJ SAF MK III, 400 sacks thixotropic cement in three jobs. Drilled out cement, ran CBL - indicated TOC at 1268'. Perforated at 1210' - had water flow out perfs. Cemented perfs at 1210' with 1000 sacks HLW, 100 sacks Class "C", 1000 gallons SAF MK III, 200 sacks thixotropic cement, 100 sacks Cl "C" in three jobs. Water flow shut off. Well put on jet pump in November, 1978. Converted back to natural flow July, 1980. Production reports 1375 psi on surface casing due to water flow.