NEW MEXICO OIL CONSERVATION COMMISSION

INITIAL WELL DELIVERABILITY TEST REPORT FOR 1970

Form C122-A Revised 1-1-66

POOL NAME	POOL SLOPE		COUNTY
Basin	n= .75	Dakota	Rio Arriba

Jerome P. McHugh			Apache #8			
B	section 20	26N	RANGE 3W	EPNG CO.		
casing o.d inches 4 1/2"	CASING I.D - INCHES	SET AT DEPTH - FEET	1.660	1.380	TOP - TUBING PERF FEET	
FROM 8130	TO 8312 1	WELL PROD	TUBING X	.678	GRAVITY X LENGTH	
FROM \$ 4-3/70 DATE OF FLOW TEST TO 4/10/70			DATE SHUT-IN PRESSURE	MEASURED 1		

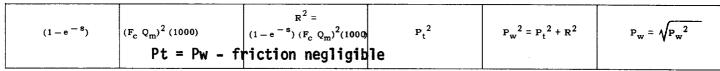
PRESSURE DATA - ALL PRESSURES IN PSIA

(a) Flowing Casing Pressure (DWt)	(b) Flowing Tubing Pressure (DWt)		(d) Flow Chart Static Reading	(e) Meter Error (Item c - Item d)	(f) Friction Loss (a-c) or (b-c)	(g) Average Meter Pressure (Integr.)
						309
	(i) Avg. Wellhead Press. P _t = (h+f)	(j) Shut-in Casing Pressure (DWt)	(k) Shut-in Tubing Pressure (DWt)	(1) P _c = higher value of (j) or (k)	(m) Del. Pressure Pd = 50 %P	(n) Separator or De- hydrator Pr. (DWt) for critical flow only
309	309		950	950	475	

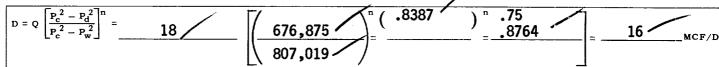
FLOW RATE CORRECTION (METER ERROR)

Integrated Volume - MCF/D	Quotient of Item c Item d	√ Item c Item d	Corrected Volume
18			Q = 18 MCF/D

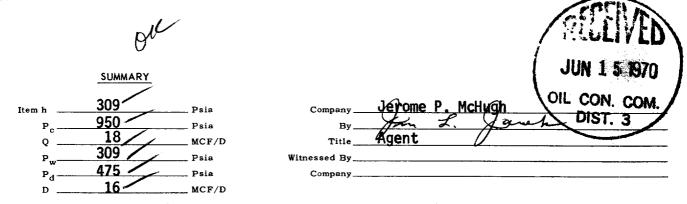
WORKING PRESSURE CALCULATION



DELIVERABILITY CALCULATION



REMARKS:



(10 1 1 MUL) (10 1 1 MUL) (10 1 1 MUL) (10 1 1 MUL) (10 1 MUL)

6 USGS Form 9-331 (May 1963)	Durango 1 McHugh 1 UNITED 9 DEPARTMENT OF GEOLOGICA	STATES THE INTERIOR	SUBMIT IN TRIPLICATE® (Other instructions on reverse side)	Form approve Budget Burea 5. LEASE DESIGNATION Cont. #98	u No. 42-R1424.
	IDRY NOTICES AND form for proposals to drill or Use "APPLICATION FOR PE			6. IF INDIAN, ALLOTTEE Jicarilla Ap 7. UNIT AGREEMENT NA	∠ ache
OIL GAS WELL 2. NAME OF OPERATOR	OTHER	MAY	; 6 1971	8. FARM OR LEASE NAM	-
Jerome P. Mc 3. ADDRESS OF OPERATO Dox 234, Far		OIL CO	ST. 3	Apache 9. WELL NO.	
See also space 17 be At surface	ow.)	ccordance with any State	••••quirements.•	Basin Dakota 11. SEC., T., E., M., OR B SURVEY OR AREA	
960' fnl 168	15. ELEVATION	NS (Show whether DF, RT,	OR, etc.)	Sec. 20, T26 12. COUNTY OF PARISH Rio Arriba	
16.	Check Appropriate Bo	ox To Indicate Natu	re of Notice, Report, or C	Other Data	
FRACTURE TREAT SHOOT OR ACIDIZE 11/26/69 11/27/69	Arapahoe Drilling T.D. 208' W.O.C. at 207' R.K.B. ce a.m., 11/27/69.	Ran 7 jts. 8 mented w/175 s Cement circula	water shut-off FRACTURE TREATMENT SHOOTING OR ACIDIZING udded at 10:45 p.s 5/8" K-55, 24# csg x. Class "A" w/2% ted. 2 hrs, rig 1 and mouse holes,	. T.E. 192' so Cacl. P.O.B. 6 dle, 14 3/4 hrs	et 5:00
	T.D. 8355'. Preption Electrolog a 260 jts. 4 1/2" O set at 8354' R.K. 7 1/2# salt per spressure 950 psi, through tool at 6 a.m., 12/19/69. ment. Max. cemen pumped in 100 bbl in 200 bbls. mud, stage tool at 405 mud returns while 5 3/4 hrs. loggin run csg. 4 1/2 hr ning 4 1/2" csg., 1 1/4 hrs. cement cement 2nd stage.	are to cement and Compensated .D., 11.6 & 10 B. Cemented for the Compensated for the Compensated for the Compensate for the Com	2 1/4 hrs. circul	esser Atlas Ind D. 8339'. Ran BR Youngstown of sx. Class "C" ting. Max. ceme emented second nse. P.O.B. 6: bbls. of displ ge tool at 4059 wait 30 min e through Baker 9:00 a.m. No sure 200 psi. lating prepare llars. 6 hrs. r cement 1st stag ating prepare	iuc- isg. enting stage 30 ace- pump to un- ie,
	signed by T. A. Dage	In TITLE	gineer		5/70
APPROVED BYCONDITIONS OF AF	PROVAL, IF ANY:	TITLE		DATE	