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4464-72', 4524-32', 45  HOLE SIZE - no record	Mesa	Verde	!		3734'	•		1	4661'	
no record	<del>)6', 3</del> 8	306-14',	431	6-26',	4344-52'	, 4362-6	66', 4384 <b>-</b>	92epth Casi	ng Shoe	
no record	582-90	', 4664·	-72'						4732'	
no record		TUBIN	G, CA	SING, AN	D CEMENTI	NG RECOP	lD			
		ING & TU	BING	SIZE		DEPTH S	ET		ACKS CEME	INT
no record	CAS	9 5/8"			522'			165		
	9	7''			4315'	4315'		450		
6 1/4"	9	4 1/2"			4732'			125	F	
	9 7'' 4				4661'			tubin	g	
TEST DATA AND REQUEST FOR	9 7'' 4	3/8"			ifter recovery epth or be for		ime of load oil	and must be e	qual to or ex	ceed top allo
	9 7'' 4 2	3/8"			Producing	Method (Flot	u, pump, gas li	(t, etc.)		TIM
Length of Test	9 7'' 4 2	3/8" WABLE								

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump,	gas lift, etc.)	ATTION
Length of Test	Tubing Pressure	Casing Pressure	Choke Size	Krarurn
Actual Prod. During Test	Oil-Bble.	Water - Bbls.	Gas - MCF	BEC 27 1971
GAS WELL				OIL CON. COM.
Actual Prod. Test-MCF/D 2502	Length of Test 3 hrs.	Bbls. Condensate/MMCF	Gravity of Co	ondensar

Casing Pressure (Shut-in) Choke Size Testing Method (pitot, back pr.) Tubing Pressure (Shut-in) 189 696 3/4" variable Calc. AOF

## VI. CERTIFICATE OF COMPLIANCE

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I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Original Signed F. H. V. 000

(Signature) Petroleum Engineer (Title) 12-22-71

(Date)

OIL CONSERVATION COMMISSION

DEC 2 7 197 APPROVED. Original Signed by A. R. Kendrick PETROLEUM ENGINEER DIST. NO. 3 TITLE .

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or despense well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II. III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

Grambling #1 (OWWO)

(Show details of tubular goods, bottom hole accessories, DST's, Cores, Deviations, and General Chronological History).

- 9 5/8" casing 13 joints (511.54') of 36 # J-55 National Tube set at 522' with 165 sks. cement circulated to surface. Tested with 500# for 30 min. -OK.
- Lost circulation at 3348', regained in a few hours with Crevice Seal, etc. 11-24-50
- Lost circulation at 4324', did not regain.
- 7" casing 125 joints of 20# J-55 National Tube (4305') set at 4315' with two-stage tool 12-2-50 using 450 sks. Top of cement by Schlumberger Temp. Survey 2260'. 12-3-50
- shot 4350-4385' with 520 qts. of Solidified Nitro. Afterwards, cleaned out with bailer 12-18-50
- 2" tubing 2 3/8" OD Upset 4.7#J-55 161 joints set 4450GL, with 6.7' perforated 5 holes 12-20-50 per foot. Nipple at bottom. Top perf 4444'GL. Gauges while drilling: 4330'-248 MCF; 4365'-139 MCF; 4410'-162 MCF; 4480'-196 MCF; 4498'-200 MCF before shot.

Pictured Cliffs Possibilities: The Pictured Cliffs section in this well was rather thick, but broken by shale streaks. The sand was rather fine and angular enough to pack tightly. The grains were well can ented thus cutting porosity to almost nothing. The possibilities of production from the Pictured Cliffs in this immediate area are very slim.

- Moved in rig to clean out well. 1-11-52:
- Pulled tubing and started drying well and cleaning out with gas circulation.
- Perfed (Cliff House and part of Menefee sands) casing with 4 shots per foot from 3715-3727' 1-13-52: 1-20-52: 3770-3800', 3990-4020', 4114-4120'. No immediate increase in gas.
- Cleaned out to total depth 4498' and ran 159 joints of 2" 4.7#, J-55 tubing to 4459'. 1-27-52:

## Workover:

- Moved on Dwinell Bros. rig #1. Pulled tubing and set bridge plug at 3600', located hole 9-24-71: in 7" casing between 817-845'.
- Set cement retainer at 760', squeezed hole in 7" casing with 225 sks. cement. 9-25-71:
- Drilled cement retainer at 760' and bridge plug at 3600', cleaned out to 4468', stuck 9-26-71: pipe, freed pipe, stuck pipe again, freed pipe.
- Set cement retainer at 3606', squeezed open hole with 200 sks. cement. 9-27-71:
- Sidetrack drilling at 3580'. 9-28-71:
- Reached sidetrack Total Depth at 4732'. 9-30-71:
- Ran 145 joints 4 1/2", 10.5#, K-55 production casing, 4720' set at 4732' with 125 sks. 10-1-71: cmenet. WOC 18 hrs.
- PBTD 4716', perf 4316-26', 4344-52', 4362-66', 4384-92', 4464-72', 4524-32', 4582-90', 4664-72' with 16 shots per zone. Frac with 72,000# 20/40 sand, 73,080 gal. water, 10-2-71: dropped 4 sets of 16 balls, Iflushed with 3150 gallons water, pumped bridging ball to baffle at 4062', tested with 3000 psi-OK. Perf 3734-40', 3788-96', 3806-14' with 24 shots per zone, fraced with 32,000# 20/40 sand, 33,180 gal. water, dropped 2 sets of 24 balls, flushed with 2730 gallons water.
- Ran 165 joints 2 3/8", 4.7#, J-55 tubing, 4650' set at 4661', seating nipple on bottom. 10-4-71:
- Date well was tested.