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TRANSPORTER	OIL GAS
PRODUCTION OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
**CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS**

FORM C-110
(Rev. 7-60)

FILE THE ORIGINAL AND 4 COPIES WITH THE APPROPRIATE OFFICE

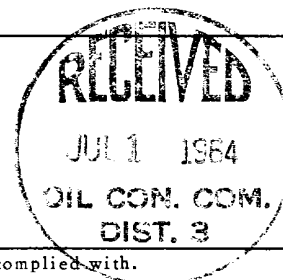
Company or Operator WALTER DUNCAN				Lease Skelly-Government		Well No. 2	
Unit Letter M	Section 15	Township 27 North	Range 9 West	County San Juan			
Pool Basin-Dakota				Kind of Lease (State, Fed, Fee) Federal			
If well produces oil or condensate give location of tanks		Unit Letter M	Section 15	Township 27 North	Range 9 West		
Authorized transporter of oil <input type="checkbox"/> or condensate <input checked="" type="checkbox"/> Lamar Trucking, Inc.				Address (give address to which approved copy of this form is to be sent) 2802 East 20th Farmington, New Mexico			
Is Gas Actually Connected? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>							
Authorized transporter of casing head gas <input type="checkbox"/> or dry gas <input checked="" type="checkbox"/> El Paso Natural Gas Company		Date Connected 6-24-64	Address (give address to which approved copy of this form is to be sent) Box 1492, El Paso Texas Box 990, Farmington, New Mexico				

If gas is not being sold, give reasons and also explain its present disposition:

REASON(S) FOR FILING (please check proper box)

New Well ☒ Change in Ownership ☐
Change in Transporter (check one) Other (explain below)
Oil ☐ Dry Gas ☐
Casing head gas . ☐ Condensate.. ☐

Remarks



The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 30th day of June, 1964.

OIL CONSERVATION COMMISSION		By
Approved by Original Signed Emery C. Arnold	Title Raymond T. Duncan	
Title Supervisor Dist. # 3	Company WALTER DUNCAN	
Date JUL 9 1964	Address Post Office Box 137 Durango, Colorado	

3 NMOCC
2 Duncan
1 File

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-122

Revised 12-1-55

MULTI-POINT BACK PRESSURE TEST FOR GAS WELLS

Pool _____ Basin _____ Formation Dakota County San Juan
Initial X Annual _____ Special _____ Date of Test 12-21-63
Company Walter Duncan Oil Properties Lease Skelly Gov't Well No. 2
Unit _____ Sec. 15 Twp. 27N Rge. 9W Purchaser _____
Casing 4 1/2 Wt. 10.5 I.D. _____ Set at 6909 Perf. 6608 To 6874
Tubing 2 3/4 Wt. 4.7 I.D. _____ Set at 6824 Perf. Open Ended To _____
Gas Pay: From 6608 To 6874 L _____ xG .65 -GL _____ Bar.Press. _____
Producing Thru: Casing _____ Tubing X Type Well Single - Gas
Single-Bradenhead-G. G. or G.O. Dual
Date of Completion: 12-5-63 Packer _____ Reservoir Temp. _____

OBSERVED DATA

Tested Through (Prover) (Choke) (Meter) Type Taps _____

No.	Flow Data					Tubing Data		Casing Data		Duration of Flow Hr.
	(Prover) (Line) Size	(Choke) (Orifice) Size	Press. psig	Diff. h _w	Temp. °F.	Press. psig	Temp. °F.	Press. psig	Temp. °F.	
SI						2161		2115		
1.										
2.		3/4"	330		620			928		3 Hrs.
3.										
4.										
5.										

FLOW CALCULATIONS

No.	Coefficient (24-Hour)	$\sqrt{h_{wpf}}$	Pressure psia	Flow Temp. Factor F _t	Gravity Factor F _g	Compress. Factor F _{pv}	Rate of Flow Q-MCFPD @ 15.025 psia
1.							
2.							
3.	12.365		342	.9981	.9608	1.036	4201
4.							
5.							

PRESSURE CALCULATIONS

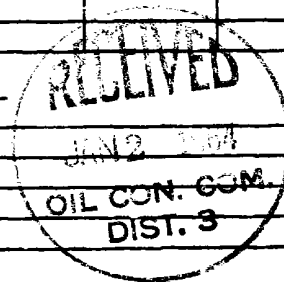
Gas Liquid Hydrocarbon Ratio _____ cf/bbl.
Gravity of Liquid Hydrocarbons _____ deg.
F_c _____ (1-e^{-s})
Specific Gravity Separator Gas _____
Specific Gravity Flowing Fluid _____
P_c 2173 P_c 4,721,929

No.	P _w P _t (psia)	P _t ²	F _c Q	(F _c Q) ²	(F _c Q) ² (1-e ^{-s})	P _w ²	P _c ² -P _w ²	Cal. P _w	P _w P _c
1.									
2.									
3.	940					883,600	3,838,329		1.2302
4.									
5.									

Absolute Potential: 4906 MCFPD; n = .75 1.1679

COMPANY Walter Duncan Oil Properties
ADDRESS Box 187 Dugan Durango, Colorado
AGENT and TITLE Original signed by T. H. Dugan
WITNESSED _____
COMPANY _____

REMARKS



INSTRUCTIONS

This form is to be used for reporting multi-point back pressure tests on gas wells in the State, except those on which special orders are applicable. Three copies of this form and the back pressure curve shall be filed with the Commission at Box 871, Santa Fe.

The log log paper used for plotting the back pressure curve shall be of at least three inch cycles.

NOMENCLATURE

- Q = Actual rate of flow at end of flow period at W. H. working pressure (P_w).
MCF/da. @ 15.025 psia and 60° F.
- P_c = 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater.
psia
- P_w = Static wellhead working pressure as determined at the end of flow period.
(Casing if flowing thru tubing, tubing if flowing thru casing.) psia
- P_t = Flowing wellhead pressure (tubing if flowing through tubing, casing if
flowing through casing.) psia
- P_f = Meter pressure, psia.
- h_w = Differential meter pressure, inches water.
- F_g = Gravity correction factor.
- F_t = Flowing temperature correction factor.
- F_{pv} = Supercompressability factor.
- n = Slope of back pressure curve.

Note: If P_w cannot be taken because of manner of completion or condition of well, then P_w must be calculated by adding the pressure drop due to friction within the flow string to P_t .