

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special		Test Date 5-17-67	
Company Tenneco Oil Co.		Connection	
Pool Basin Dakota		Formation Dakota	
Completion Date		Unit Dawson	
Total Depth		Farm or Lease Name	
Csg. Size 4.5		Well No. A-1	
Wt. 2 3/8		Unit Sec. Twp. Rge. N 4 27 8	
Set At 7248		County San Juan	
Perforations: From 7294 To 7133		State New Mexico	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple		Baro. Press. - P _a 12.0	
Producing Thru Tbg		Meter Run	
Reservoir Temp. *F		Taps	
Mean Annual Temp. *F		Prover	
Baro. Press. - P _a		Prover	
L H Gg % CO ₂ % N ₂ % H ₂ S		Prover	

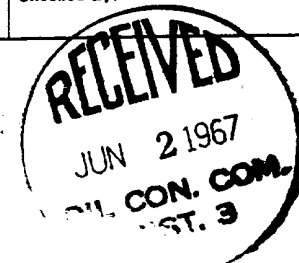
FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. *F	Press. p.s.i.g.	Temp. *F	Press. p.s.i.g.		Temp. *F
1.	2 - 3/4						1975	60			3 Hrs
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super. Comp. Factor, F _{pv}	Rate of Flow Q, Mcfd
1.	12.3650		396	1.000	.9608	1.047	1897
2.							
3.							
4.							
5.							

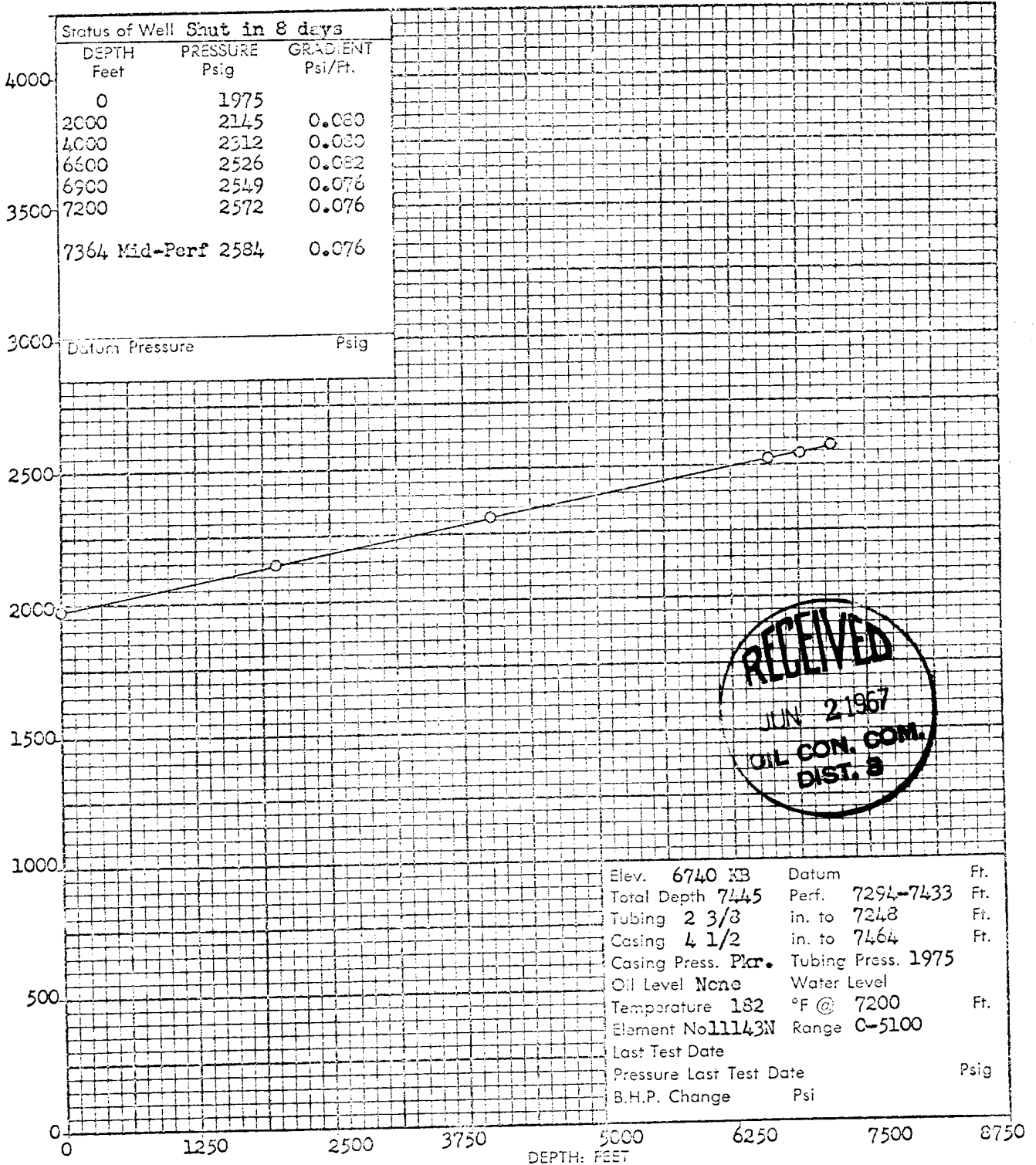
NO.	P _t	Temp. *R	T _f	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons <td>Deg.</td>	Deg.
2.					Specific Gravity Separator Gas <td>XXXXXXX</td>	XXXXXXX
3.					Specific Gravity Flowing Fluid <td>XXXXX</td>	XXXXX
4.					Critical Pressure <td>P.S.I.A.</td>	P.S.I.A.
5.					Critical Temperature <td>R</td>	R

P _c 1987	P _c ² 3948169	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.2429$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1771$
NO. 1	P _w ² 771577	P _c ² - P _w ² 3176592	
2.			
3.			
4.			
5.			

Absolute Open Flow 5764		Mcf/d @ 15.025	Angle of Slope @	Slope, n .75
Remarks:				
Approved By Commission:		Conducted By:	Calculated By: Neil Tefteller	Checked By:



Company TEENECO OIL COMPANY Lease DAWSON "A" Well No. 1
Field BASIN DAKOTA County SAN JUAN State NEW MEXICO
Formation DAKOTA Test Date MAY 17, 1967



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NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-110
Effective 1-1-65

I. Operator
Tenneco Oil Company

Address
P. O. Box 174, Durango, Colorado

Reason(s) for filing (Check proper box)

New Well	<input checked="" type="checkbox"/>	Change in Transporter of:		Other (Please explain)
Recompletion	<input type="checkbox"/>	Oil	<input type="checkbox"/>	Effective first delivery
Change in Ownership	<input type="checkbox"/>	Casinghead Gas	<input type="checkbox"/>	
		Dry Gas	<input type="checkbox"/>	
		Condensate	<input type="checkbox"/>	

If change of ownership give name and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name Dawson "A"	Well No. 1	Pool Name, including Formation Basin Dakota	Kind of Lease State, Federal or Fee Fed	Lease No. NM 05791
Location Unit Letter N : 790 Feet From The South Line and 1450 Feet From The West				
Line of Section 4 Township 27N Range 8W, NMPM, San Juan County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Rock Island Oil and Refining	P. O. Box 1528, Farmington, New Mexico
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
El Paso Natural Gas Company	P. O. Box 990, Farmington, New Mexico
If well produces oil or liquids, give location of tanks.	Unit N Sec. 4 Twp. 27 Rge. 8
	Is gas actually connected? No When On Approval

If this production is commingled with that from any other lease or pool, give commingling order number:

V. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
		X	X					
Date Spudded 4/15/67	Date Compl. Ready to Prod. 6/2/67	Total Depth 7455	P.B.T.D. 7450					
Elevations (DF, RKB, RT, GR, etc.) 6740 KB	Name of Producing Formation Basin Dakota	Top Oil/Gas Pay 7294	Tubing Depth 7250					
Perforations 7294-7433 Dakota	Depth Casing Shoe 7464							
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT					
15	10-3/4	511	400 sx					
9-7/8	7-5/8	3143	375 sx					
6-3/4	4-1/2	7464	370 sx					
	2-3/8	7250						

VI. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

Actual Prod. Test-MCF/D 2348	Length of Test 3 hrs	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.) Back Pr.	Tubing Pressure (Shut-in) 2001	Casing Pressure (Shut-in) Pkr	Choke Size 3/4

CERTIFICATE OF COMPLIANCE

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.

M. K. Wagner
M. K. Wagner (Signature)

August 3, 1967

(Title)

(Date)

OIL CONSERVATION COMMISSION

AUG 4 1967

APPROVED _____, 19____

Original Signed by Emery C. Arnold

SUPERVISOR DIST. #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 deepened 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.

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AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-110
Effective 1-1-65

I. Operator
Tenneco Oil Company
Address
P. O. Box 1714, Durango, Colorado 81301
Reason(s) for filing (Check proper box)
New Well ☒ Change in Transporter of:
Recompletion ☐ Oil ☐ Dry Gas ☐
Change in Ownership ☐ Casinghead Gas ☐ Condensate ☐
Other (Please explain)
Effective first delivery

If change of ownership give name and address of previous owner
Dual Basin Dakota and Blanco Mesaverde well.

II. DESCRIPTION OF WELL AND LEASE

Lease Name Dawson "A"	Well No. 1	Pool Name, Including Formation Blanco Mesaverde	Kind of Lease State, Federal or Fee Fed	Lease No. nm 05791
Location Unit Letter N ; 790 Feet From The South Line and 1450 Feet From The West Line of Section 4 Township 27N Range 8W , NMPM, San Juan County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/> Rock Island Oil and Refining	Address (Give address to which approved copy of this form is to be sent) P. O. Box 1528, Farmington, New Mexico					
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/> El Paso Natural Gas Company	Address (Give address to which approved copy of this form is to be sent) P. O. Box 990, Farmington, New Mexico					
If well produces oil or liquids, give location of tanks.	Unit N	Sec. 4	Twp. 27	Rge. 8	Is gas actually connected? No	When On Apprvl

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
		X	X					
Date Spudded 4/15/67	Date Compl. Ready to Prod. 6/1/67		Total Depth 7455		P.B.T.D. 7450			
Elevations (DF, RKB, RT, GR, etc.) 6740	Name of Producing Formation Blanco Mesaverde		Top Oil/Gas Pay 5238		Tubing Depth 7250			
Perforations 5365-5238 Mesaverde					Depth Casing Shoe 7464			
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
15	10-3/4		511		400			
9-7/8	7-5/8		3143		375			
6-3/4	4-1/2		7464		370			
	2-3/8		7250					

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

Actual Prod. Test - MCF/D 5337	Length of Test 3 hrs	Bbls. Condensate/MMCF --	Gravity of Condensate --
Testing Method (pitot, back pr.) Back Pr.	Tubing Pressure (shut-in) 348 (FP)	Casing Pressure (shut-in) 929	Choke Size 3/4

VI. CERTIFICATE OF COMPLIANCE

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.

M. K. Wagner (Signature)

(Title)

August 3, 1967

(Date)

OIL CONSERVATION COMMISSION

APPROVED AUG 4 1967, 19

BY Original Signed by Emery C. Arnold

TITLE SUPERVISOR DIST. #3

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