

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

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SANTA FE	1
FILE	1
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL 1 GAS 1
OPERATOR	2
PRORATION OFFICE	

Operator
El Paso Natural Gas Company

Address
Box 990, Farmington, New Mexico

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)

See Back for Workover Details

If change of ownership give name
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name Day A	Well No. 4	Pool Name, Including Formation Blanco Mesa Verde	Kind of Lease State, Federal or Fee X	Lease No. SF 078414
Location Unit Letter M ; 990 Feet From The South Line and 990 Feet From The West Line of Section 8 Township 29N 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"/> El Paso Natural Gas Company	Address (Give address to which approved copy of this form is to be sent) Box 990, 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) Box 990, Farmington, New Mexico			
If well produces oil or liquids, give location of tanks.	Unit M	Sec. 8	Twp. 29N	Rge. 8W
Is gas actually connected?		When		

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			X	
Date Spudded W/O 8-7-66	Date Compl. Ready to Prod. 8-25-66		Total Depth 5326'		P.B.T.D. C.O. 5284'			
Elevations (DF, RKB, RT, GR, etc.) 6195' GL	Name of Producing Formation Mesa Verde		Top XX /Gas Pay 4443'		Tubing Depth 5235'			
Perforations 4443-50, 4458-72, 4492-4506, 5064-78, 5093-5100, 5108-22, 5139-46, 5155-69, 5191-99, 5228-34, 5246-54					Depth Casing Shoe 5326'			
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
No Record	9 5/8"		172'		110 Sks.			
8 3/4"	7"		4389'		300 Sks.			
6 1/4"	4 1/2"		5326'		130 Sks.			
	2 3/8" Tubing		5235'					

V. TEST DATA AND REQUEST FOR ALLOWABLE (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.	Gravity

GAS WELL

Actual Prod. Test-MCF/D 11,982	Length of Test 3 Hours	Bbls. Condensate/MMCF	Gravity
Testing Method (pitot, back pr.) Calculated A.O.F.	Tubing Pressure (Shut-in) 601	Casing Pressure (Shut-in) 850	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.

Original signed by
Carl E. Matthews

Petroleum Engineer

September 7, 1966

(Date)

OIL CONSERVATION COMMISSION

SEP 13 1966

APPROVED _____, 19

BY **Original Signed by Emery C. Arnold**

TITLE **SUPERVISOR DIST. #3**

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.

WORKOVER

- 8-7-66 Rigged up Dwinell Bros. rig #1. Pulled all tubing, due to junk in open hole, set cement retainer at 4254', squeezed open hole w/150 sacks Class "A" cement w/2% gel and 1/4 cu. ft. Gilsonite followed by 100 sacks Class "A" cement w/10% sand and 2% calcium chloride. Final pressure 1900#, held 1400#. dropped bridging ball, tested 7" casing to 1000# O. K. Perf 2 squeeze holes at 2500', pumped in 3 1/2 BPM at 1000#. Set cement retainer at 2392'. Squeezed w/125 sacks cement, 3% calcium chloride.
- 8-8-66 Drilled retainer and solid cement to 4389'. Bottom of 7" casing cement soft and wet. Cleaned out to 4470'.
- 8-9-66 Set cement retainer at 4316', re-squeezed open hole w/150 sacks regular cement, w/15% sand, 2% calcium chloride, staged to 2000#, standing pressure.
- 8-10-66 Drilled 4 3/4" sidetrack hole 4399 - 4422', reamed 4 3/4" hole to 6 1/4". Drilling w/gas, 3 1/4° at 4416', 6° at 4422'.
- 8-11-66 Drilling - 5 1/2° at 4517', 3° at 5007'.
- 8-12-66 Reached total depth of 5326', 1 3/4° at 5326'. Ran 166 joints 4 1/2", 10.5#, J-55 casing (5316') set at 5326' w/130 sacks Class "A" cement, 4% gel, 1 1/4 cu. ft. Gilsonite/sk.
- 8-13-66 Tested casing to 4000# O. K. Perf. Lower Point Lookout 5191-99 w/2 SPF; 5228-34' w/16 holes; 5246-54' w/2 SPF; could not break down perfs w/4500#. Perf. Upper Point Lookout 5064-78' w/21 holes; 5093-5100' w/3 SPF; 5108-22' w/21 holes; 5139-46' w/3 SPF; 5155-69' w/ 21 holes, frac w/50,000# 20/40 sand, 50,500 gallons water w/2# FR-8/1000 gallons. BDP 2100#, tr. pr. 1600-1700-1900#. I.R. 72.3 BPM. Dropped 4 sets of 21 balls each, flushed w/3460 gallons of water. ISIP vacuum. Set bridge plug at 4530', tested w/3500# O. K. Perf. Cliff House 4443-50' w/3 SPF; 4458-72' w/21 holes; 4492-4506' w/21 holes, fraced w/24,000# 20/40 sand, 23,890 gallons of water w/2# FR-8/1000 gallons. BDP 1400#, tr. pr. 1800-2100-2450#. I.R. 55 BPM. Dropped 2 sets of 21 balls each, flushed w/3030 gallons of water. ISIP 300#, 5 Min. SIP -3-. Blowing well.
- 8-14-66
- 8-15-66 Ran 166 joints 2 3/8", 4.7#, J-55 tubing (5225') set at 5235'. Pin collar at 5233'.
- 8-25-66 Date well was tested.