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ENERGY AND MINERALS DEPARTMENT

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GAS	<input checked="" type="checkbox"/>
OPERATOR	<input checked="" type="checkbox"/>
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## OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-104  
Revised 10-01-78  
Format 06-01-83  
Page 1REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I.

Operator <u>Blanco Engineering, Inc.</u>	
Address <u>116 North First Street, Artesia, New Mexico 88210</u>	
Reason(s) for filing (Check proper box)	Other (Please explain)
<input type="checkbox"/> New Well <input type="checkbox"/> Recompletion <input type="checkbox"/> Change in Ownership	Change in Transporter of: <input checked="" type="checkbox"/> Oil <input type="checkbox"/> Casinghead Gas <input type="checkbox"/> Dry Gas <input type="checkbox"/> Condensate
CASINGHEAD GAS MUST NOT BE FLARED AFTER <u>9-24-84</u> UNLESS AN EXCEPTION TO RULE 306 IS OBTAINED ✓ EX # <u>2-688 - 10-8-84</u>	

If change of ownership give name  
and address of previous owner \_\_\_\_\_

## II. DESCRIPTION OF WELL AND LEASE

Lease Name <u>Scripps</u>	Well No. <u>4</u>	Pool Name, including Formation <u>Atoka Glorietta Yeso</u>	Kind of Lease State, Federal or Fee <u>Fee</u>	Lease No.
Location Unit Letter <u>M</u> : <u>660</u> Feet From The <u>South</u> Line and <u>660</u> Feet From The <u>West</u> Line of Section <u>25</u> Township <u>18S</u> Range <u>26E</u> , NMPM, <u>Eddy</u> County				

## III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)	
<u>Navajo Refining Company</u>	<u>P.O. Drawer 159, Artesia, New Mexico 88210</u>	
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)	
<u>Undesignated at this time</u>		
If well produces oil or liquids, give location of tanks (test tank)	Unit <u>M</u>	Sec. <u>25</u>
	Twp. <u>18S</u>	Rge. <u>26E</u>
	Is gas actually connected? <u>No</u>	When <u>Post 10-2-84</u>

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

NOTE: Complete Parts IV and V on reverse side if necessary.

## VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have  
been complied with and that the information given is true and complete to the best of  
my knowledge and belief.Paul White  
(Signature)Engineer  
(Title)July 23, 1984  
(Date)

## OIL CONSERVATION DIVISION

APPROVED JUL 24 1984, 19\_\_\_\_BY Original Signed By  
Leslie A. Clements  
TITLE Supervisor District II

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 allow-  
able 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.

#### 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 May 24, 1984	Date Compl. Ready to Prod. July 14, 1984		Total Depth 3750'			P.B.T.D. 3720'			
Elevations (DF, RKB, RT, GR, etc.) 3283 GR	Name of Producing Formation Glorietta Yeso		Top Oil/Gas Pay 2816'			Tubing Depth 3565'			
Perforations 3264-3632 (20 holes - .50") 2853-3205 (20 holes - .50")					Depth Casing Shoe 3746'				
TUBING, CASING, AND CEMENTING RECORD									
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET			SACKS CEMENT			
12 1/4	8 5/8		930'			300 sx L.W., 200 sx C.I.			
7 7/8	5 1/2		3746'			400 sx L.W., 300 Poz			
	2 7/8		3565						

#### 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 7-14-84	Date of Test 7-18-84	Producing Method (Flow, pump, gas lift, etc.) Pump	
Length of Test 24	Tubing Pressure Pump (25)	Casing Pressure 0	Choke Size Open
Actual Prod. During Test 216	Oil - Bbls. 72	Water - Bbls. 42	Gas - MCF 75710

#### GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

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ENERGY AND MINERALS DEPARTMENT

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## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ DRY ☐

2. TYPE OF COMPLETION

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐

3. Name of Operator

Blanco Engineering, Inc.

4. Address of Operator

116 North First Street, Artesia, New Mexico 88210

5. Location of Well

UNIT LETTER M LOCATED 660 FEET FROM THE South LINE AND 660 FEET FROMTHE West LINE OF SEC. 25 TWP. 18S RGE. 26E NMPM15. Date Spudded 5-24-84 16. Date T.D. Reached 6-2-84 17. Date Compl. (Ready to Prod.) July 14, 1984 18. Elevations (DF, RKB, RT, GR, etc.) 3283 GR 19. Elev. Casinghead 328420. Total Depth 3750' 21. Plug Back T.D. 3720' 22. If Multiple Compl., How Many - 23. Intervals Drilled By Rotary Tools 0-3750 Cable Tools -

24. Producing Interval(s), of this completion - Top, Bottom, Name

2853-3632 Glorietta Yeso

25. Was Directional Survey Made

Yes (Filed)

26. Type Electric and Other Logs Run

Gamma-Neutron-Collar Log

27. Was Well Cored

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24	930'	12 1/4	300 sx L.W., 200 sx Cl. C	Circulated
5 1/2	17	3746'	7 7/8	400 sx L.W., 300 Poz	Circulated

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8	3565'	None

31. Perforation Record (Interval, size and number)

3264-3632 (20 holes - .50")2853-3205 (20 holes - .50")

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
<u>3264-3632</u>	<u>82000 gals/90,000# Sand</u>
	<u>3000 gals 15% acid</u>
<u>2853-3205</u>	<u>100,000 gals/120,000 # Sand</u>
	<u>3000 gals 15% acid</u>

33. PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
July 14, 1984		Pumping 2 1/2" X 2' X 16'				Prod.	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
July 18, 1984	24	Open	→ 73.0	73.0	TSTM	143	-
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
Pumping (25)	-0-	→ 73.0	73.0	TSTM	143	37.1 @ 60°	
						Test Witnessed By	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)

Vented

Test Witnessed By

35. List of Attachments

Gamma Ray-Neutron Log

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED

James D. White

TITLE

Engineer

DATE

July 20, 1984

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

**INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE**

### Southwestern New Mexico

### Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
U. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

## OIL OR GAS SANDS OR ZONES

No. 1, from ..... to ..... No. 4, from ..... to .....  
No. 2, from ..... to ..... No. 5, from ..... to .....  
No. 3, from ..... to ..... No. 6, from ..... to .....

## IMPORTANT WATER SANDS

**Include data on rate of water inflow and elevation to which water rose in hole.**

No. 1, from.....to.....feet.....

No. 2, from.....to.....feet.....

No. 3, from.....to.....feet.....

No. 4, from.....to.....feet.....

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	95	95	Graud, Red Shale				
95	1150	1055	Red Shale, Dolomite				
1150	2725	1575	Dolomite				
2725	3750	1025	Sand-Dolomite				