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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-111  
Effective 1-1-65

MAY 6 1977

O. C. C.

ARTESIA, OFFICE

Operator Yates Petroleum Corporation	
Address 207 South 4th Street - Artesia, NM 88210	
Reason(s) for filing (Check proper box)	Other (Please explain)
New Well <input checked="" type="checkbox"/>	CASINGHEAD GAS MUST NOT BE ✓
Recompletion <input type="checkbox"/>	FLARED AFTER 7-1-77
Change in Ownership <input type="checkbox"/>	UNLESS AN EXCEPTION TO Rule 306
	IS OBTAINED

If change of ownership give name  
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name Federal "FR"	Well No. 2	Pool Name, including Formation Square Lake (GBG S.A.)	Kind of Lease Federal of 7/8	NN0559535	Lease No.
Location Unit Letter H : 1980 Feet From The North Line and 660 Feet From The East Line of Section 28 Township 16S Range 30E, NMPM, Eddy 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"/> Navajo Crude Oil Purchasing Company	Address (Give address to which approved copy of this form is to be sent) No. Freeman Ave-Artesia, NM 88210				
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)				
If well produces oil or liquids, give location of tanks.	Unit I	Sec. 28	Twp. 16S	Rge. 30E	Is gas actually connected? When No

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 <input checked="" type="checkbox"/>	Gas Well	New Well <input checked="" type="checkbox"/>	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
Date Spudded 3-9-77	Date Compl. Ready to Prod. 4-11-77		Total Depth 3700'		P.B.T.D.			
Elevations (DF, RKB, RT, GR, etc.) 3772' GR	Name of Producing Formation San Andres Grayburg		Top Oil/Gas Pay 2978		Tubing Depth 3700			
Perforations 2978-3013'					Depth Casing Shoe 3700			
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
12 1/2"	8-5/8"		315'		200			
7-7/8"	5 1/2"		3700'		320			
	2-3/8"		2951					

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 4-11-77	Date of Test 5-1-77	Producing Method (Flow, pump, gas lift, etc.) Pumping	
Length of Test 24	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test 18.3	Oil-Bbls. 12.3	Water-Bbls. 6 BLW	Gas-MCF 22.0

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

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.

*Christine Tomlinson*  
(Signature)

Christine Tomlinson-Geol Secty  
(Title)

5-5-77  
(Date)

OIL CONSERVATION COMMISSION

APPROVED MAY 6 1977

BY *W. A. Gussitt*  
SUPERVISOR, DISTRICT II

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.

RECEIVED

MAY 6 1977

RAILROAD COMMISSION OF TEXAS  
OIL AND GAS DIVISION

Form W-12  
(1-1-71)

<b>O.C.C.</b> <b>ARTESIA, OFFICE</b>		6. RRC District
<b>INCLINATION REPORT</b> (One Copy Must Be Filed With Each Completion Report.)		7. RRC Lease Number. (Oil completions only)
1. FIELD NAME (as per RRC Records or Wildcat) <b>Square Lake (GBG S.A.)</b>	2. LEASE NAME <b>Federal FR</b>	8. Well Number <b>2</b>
3. OPERATOR <b>YATES PETROLEUM CORPORATION</b>		9. Identification Number (Gas completions only)
4. ADDRESS <b>201 SOUTH FARM CIRCLE, ARTESIA, NEW MEXICO</b>		10. County <b>El Paso</b>
5. LOCATION (Section, Block and Survey) <b>1980<sup>1</sup> FNL &amp; 660<sup>1</sup> FEL of Sec. 28-16S-30E, Eddy Co., NM</b>		

RECORD OF INCLINATION

*11. Measured Depth (feet)	12. Course Length (hundreds of feet)	*13. Angle of Inclination (Degrees)	14. Displacement per Hundred Feet (Sine of Angle X100)	15. Course Displacement (feet)	16. Accumulative Displacement (feet)
315	315	1-1/4	1.44	1.39	1.39
503	388	1-1/4	1.44	1.71	3.10
1010	307	1-1/4	1.27	1.64	4.74
1299	289	1-1/4	1.27	2.51	6.25
1510	211	1-1/4	1.27	2.61	8.86
1232	322	1-1/4	1.27	5.04	11.97
2332	500	1-1/4	2.16	10.70	17.61
2610	278	1-1/4	2.16	6.00	23.41
1880	278	1-1/4	2.16	6.00	40.41
3152	264	1-1/2	2.25	6.32	47.33
3490	338	1-1/4	2.16	7.30	54.63
3750	210	3/4	1.81	2.75	57.38

If additional space is needed, use the reverse side of this form.

17. Is any information shown on the reverse side of this form? ☐ yes ☒ no
18. Accumulative total displacement of well bore at total depth of 3,700 feet = 57.38 feet.
- \*19. Inclination measurements were made in - ☐ Tubing ☐ Casing ☐ Open hole ☒ Drill Pipe
20. Distance from surface location of well to the nearest lease line \_\_\_\_\_ feet.
21. Minimum distance to lease line as prescribed by field rules \_\_\_\_\_ feet.
22. Was the subject well at any time intentionally deviated from the vertical in any manner whatsoever? No
- (If the answer to the above question is "yes", attach written explanation of the circumstances.)

<b>INCLINATION DATA CERTIFICATION</b> I declare under penalties prescribed in Article 6036c, R.C.S., that I am authorized to make this certification, that I have personal knowledge of the inclination data and facts placed on both sides of this form and that such data and facts are true, correct, and complete to the best of my knowledge. This certification covers all data as indicated by asterisks (*) by the item numbers on this form.	<b>OPERATOR CERTIFICATION</b> I declare under penalties prescribed in Article 6036c, R.C.S., that I am authorized to make this certification, that I have personal knowledge of all information presented in this report, and that all data presented on both sides of this form are true, correct, and complete to the best of my knowledge. This certification covers all data and information presented herein except inclination data as indicated by asterisks (*) by the item numbers on this form.
Signature of Authorized Representative <u>Robert A. Cullen</u> Name of Person and Title (type or print) <u>Robert A. Cullen</u> Name of Company <u>Yates Petroleum Corp.</u> Telephone: <u>325</u> <u>381-0910</u> Area Code	Signature of Authorized Representative Name of Person and Title (type or print) Operator Telephone: Area Code

Railroad Commission Use Only:

Approved By: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

\* Designates items certified by company that conducted the inclination surveys.