

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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LAND OFFICE		
TRANSPORTER	OIL	
	GAS	
OPERATOR		
PRODUCTION OFFICE		

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-104
Revised 10-01-78
Format 06-01-83
Page 1

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I.

Operator Rice Engineering Corporation		
Address 122 W. Taylor, Hobbs, New Mexico 88240		
Reason(s) for filing (Check proper box)		Other (Please explain)
<input type="checkbox"/> New Well	Change in Transporter of:	Change of Operator for the Blinberry Drinkard Salt Water Disposal System effective November 15, 1989
<input type="checkbox"/> Recompletion	<input type="checkbox"/> Oil	
<input checked="" type="checkbox"/> Change in Ownership	<input type="checkbox"/> Casinghead Gas	
	<input type="checkbox"/> Dry Gas <input type="checkbox"/> Condensate	
If change of ownership give name and address of previous owner operator Agua, Inc. a Division of Petro-Thermo Corporation P. O. Box 1978, Hobbs, New Mexico 88241		

II. DESCRIPTION OF WELL AND LEASE

Lease Name Blinberry- Drinkard SWD System	Well No. 35	Pool Name, Including Formation San Andres	Kind of Lease State, Federal or Fee Fee	Lease No.
Location				
Unit Letter H : 1872 Feet From The north Line and 233 Feet From The east				
Line of Section 35 Township 22 South Range 37 East NMPM, Lea County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)	
None		
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	Sec.
	Twp.	Rge.
Is gas actually connected?	When	

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.

S. A. Haktanir
S. A. Haktanir (Signature)
Division Manager
(Title)
November 15, 1989
(Date)

OIL CONSERVATION DIVISION

DEC 19 1989

APPROVED _____, 19

BY _____

TITLE _____

Orig. Signed by
Paul Kautz
Geologist

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 multiple completed wells.

RECEIVED

NOV 17 1989

0-00
HOBBS OFFICE

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-73

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OPERATOR	

3a. Indicate Type of Lease
State ☐ Fee ☒
5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- SALT WATER DISPOSAL		7. Unit Agreement Name BLINEBRY-DRINKARD SWDS
2. Name of Operator AGUA, INC.		8. Farm or Lease Name
3. Address of Operator PO BOX 1978 HOBBS, NM 88241		9. Well No. H-35
4. Location of Well UNIT LETTER <u>H</u> <u>1872</u> FEET FROM THE <u>NORTH</u> LINE AND <u>233</u> FEET FROM THE <u>EAST</u> LINE, SECTION <u>35</u> TOWNSHIP <u>22S</u> RANGE <u>37E</u> N.M.P.M.		10. Field and Pool, or WHdcat SAN ANDRES
15. Elevation (Show whether DF, RT, GR, etc.) 3293' G.L.		12. County LEA

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	ACID STIMULATION <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1703.

OCTOBER 19, 1989
ARRIVE ON LOCATION. PUMP 40 BBLs. PREFLUSH (FRESH WATER WITH 20 GAL. TRETOLITE OW-5827), PUMP 5000 GAL. 20% NE ACID, FLUSH WITH 40 BBLs. (FRESH WATER WITH 20 GAL. TRETOLITE OW-5827.)

MINIMUM TP= 1100 PSI = MAXIMUM TP = 1200 PSI

PLACE WELL BACK ON INJECTION.

OCTOBER 21, 1989
TP=900 PSI CP=1100 PSI

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED R. W. ABBOTT R. W. ABBOTT

TITLE MANAGER

DATE 10/24/89

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

OCT 26 1989

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ENERGY AND MINERALS DEPARTMENT

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SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-77

5a. Indicate Type of Lease
State ☐ Fee ☒
5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- Salt Water Disposal Well	7. Unit Agreement Name Blinbry-Drinkard SWDS
2. Name of Operator Agua	8. Farm or Lease Name
3. Address of Operator P. O. Box 1978; Hobbs, New Mexico 88240	9. Well No. H-35
4. Location of Well UNIT LETTER H 1872 FEET FROM THE North LINE AND 233 FEET FROM THE East LINE, SECTION 35 TOWNSHIP 22 S RANGE 37 E NMPM.	10. Field and Pool, or WHdcat San Andres
15. Elevation (Show whether DF, RT, GR, etc.) 3293' GR; 3305' KB	12. County Lea

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	OTHER Step Rate Injection Test <input checked="" type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

February 22, 1989

Step rate injection was performed to increase surface injection pressure limitation. Mr. R.A. Saddler witnessed the test. Results of the test are attached. Request has been made to increase pressure limitation to 1263 psig on March 16, 1989.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED R. W. Abbott R.W. Abbott TITLE Manager DATE March 16, 1989

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

MAR 20 1989

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

BLINEBRY-DRINKARD SALT WATER DISPOSAL SYSTEM
 SWD Well No. H-35
 Step Rate Test

Unit H. Sec.35-T22S-R37E
 Lea County
 New Mexico

ACTUAL DATA							CALCULATED DATA	
Step Number	Time	Rate (BPD)	SP (PSIA)	BHP (PSIA)	ST (Deg.F)	BHT (Deg.F)	SG Water (PSI/FT)	Corr. SP * (PSI)
1	10:55	0	677	2,508	86.4	80.7	0.458	816
	11:00	720	665	2,516	87.4	80.5		824
	11:05	720	655	2,520	88.7	79.9		828
	11:10	720	643	2,524	89.8	79.0		832
	11:15	1,114	630	2,534	91.0	77.9		842
2	11:20	1,114	604	2,541	91.9	76.4		849
	11:25	1,114	638	2,545	92.8	74.8		853
	11:30	1,373	613	2,555	93.3	71.7		863
3	11:35	1,373	613	2,559	93.8	67.5		867
	11:40	1,373	618	2,561	94.3	64.5		869
	11:45	1,632	639	2,569	94.4	62.5		877
4	11:50	1,632	656	2,572	93.9	61.0		880
	11:55	1,632	657	2,576	94.4	60.0		884
	12:00	2,621	730	2,598	94.5	59.2		906
5	12:05	2,621	757	2,610	94.7	58.2		918
	12:10	2,621	624	2,619	95.0	57.6		927
	12:15	3,715	914	2,652	95.3	57.1		960
6	12:20	3,715	936	2,670	94.4	56.8		978
	12:25	3,715	963	2,686	93.4	56.8		994
	12:30	4,051	1,041	2,711	93.0	57.0		1019
7	12:35	4,051	1,068	2,729	92.9	57.2		1037
	12:40	4,051	1,086	2,743	92.7	57.4		1051
	12:45	4,982	1,205	2,773	92.6	57.6		1081
8	12:50	4,982	1,232	2,791	91.7	57.9		1099
	12:55	4,982	1,260	2,808	91.0	58.3		1116
	13:00	5,808	1,374	2,837	90.5	58.7		1145
9	13:05	5,808	1,404	2,858	90.3	59.0		1166
	13:10	5,808	1,421	2,875	89.9	59.2		1183
	13:15	6,701	1,567	2,905	89.2	59.4		1213
10	13:20	6,701	1,581	2,925	88.8	59.8		1233
	13:25	6,701	1,615	2,943	88.9	60.0		1251
	13:30	7,618	1,742	2,971	88.6	60.2		1279
11	13:35	7,618	1,751	2,990	88.4	60.4		1298
	13:38	7,618		3,005	88.2	60.6		1313
Initial Shut-in			1,137	2,982	88.2	60.5	0.461	
	13:39	0	1,146	2,975	88.2	60.5	0.457	
	13:40	0	1,129	2,957	88.0	60.5	0.457	
	13:41	0	1,116	2,945	87.8	60.5	0.457	
	13:42	0	1,106	2,933	87.6	60.6	0.457	
	13:43	0	1,096	2,924	87.4	60.6	0.457	
	13:44	0	1,090	2,916	87.3	60.6	0.457	
	13:45	0	1,082	2,909	87.1	60.7	0.457	
	13:46	0	1,075	2,902	87.0	60.8	0.457	
	13:47	0	1,069	2,896	87.0	60.9	0.457	
	13:48	0	1,063	2,889	86.8	60.9	0.457	
	13:49	0	1,058	2,883	86.6	61.0	0.456	
	13:50	0	1,051	2,878	86.3	61.1	0.457	
Average:							0.457 psi/ft	

* See attachment for formula to convert BHP to SP.