

APPLICATION FOR AUTHORIZATION TO INJECT

NOV 10 1991

I. Purpose: Secondary Recovery Pressure Maintenance Disposal Storage
Application qualifies for administrative approval? yes no

II. Operator: Sage Energy Company

Address: P. O. Box Drawer 3068, Midland, TX 79702

Contact party: Jay Hardy Phone: (915) 683-5271

III. Well data: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.

IV. Is this an expansion of an existing project? yes no R-8505
If yes, give the Division order number authorizing the project _____

V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.

* VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.

VII. Attach data on the proposed operation, including:

1. Proposed average and maximum daily rate and volume of fluids to be injected;
2. Whether the system is open or closed;
3. Proposed average and maximum injection pressure;
4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and
5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).

*VII. Attach appropriate geological data on the injection zone including appropriate lithologic detail, geological name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such source known to be immediately underlying the injection interval.

IX. Describe the proposed stimulation program, if any.

* X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division they need not be resubmitted.)

* XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.

XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.

XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.

XIV. Certification

I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

Name: Jay Hardy Title: Vice President Engineering

Signature: [Signature] Date: November 13, 1991

* If the information required under Sections VII, VIII, X, and XI above has been previously submitted, it need not be duplicated and resubmitted. Please show the date and circumstance of the earlier submittal. Form C-108 New Mexico State "30" #1 (Renamed: W. Tres

Tapalotes Penn Unit "30" #1) dated 6-19-87

III. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

- (1) Lease name; Well No.; location by Section, Township, and Range; and footage location within the section.
- (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
- (3) A description of the tubing to be used including its size, lining material, and setting depth.
- (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

- (1) The name of the injection formation and, if applicable, the field or pool name.
- (2) The injection interval and whether it is perforated or open-hole.
- (3) State if the well was drilled for injection or, if not, the original purpose of the well.
- (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
- (5) Give the depth to and name of the next higher and next lower oil or gas zone in the area of the well, if any.

IV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) the intended purpose of the injection well, with the exact location of single wells or the section, township, and range location of multiple wells;
- (3) the formation name and depth with expected maximum injection rates and pressures; and
- (4) a notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

OIL CONSERVATION DIVISION
RECEIVED

SAGE ENERGY COMPANY

P. O. DRAWER 3068

MIDLAND, TEXAS 79702

915/683-5271

'91 NOV 17 10 10 02

November 13, 1991

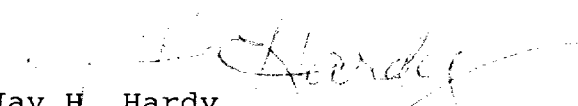
Surface Owner and Leasehold Operators
W. Tres Papalotes (Penn) Field
Lea County, New Mexico

Subject: Proposed W. Tres Papalotes (Penn) Injection Well
Lea County, New Mexico

Dear Sirs:

As shown by the enclosed C-108 application Sage Energy Company has applied to convert 1 well to a water injection in the proposed W. Tres Papalotes (Penn) Unit located in sections 31, T-15-S, R-34-E in Lea County, New Mexico. Sage intends to inject fresh and formation water into the Penn formation at 10,392'. Maximum rate is 600 BWPD and at a maximum pressure of 2000 psi. Interested parties must file objections or request for a hearing with the Oil Conservation Commission, P. O. Box 2088, Santa Fe, New Mexico, 87501, within 15 days of receipt of this application.

Very truly yours,


Jay H. Hardy
Vice President Engineering

Enclosures
JH/bb

INJECTION WELL DATA SHEET

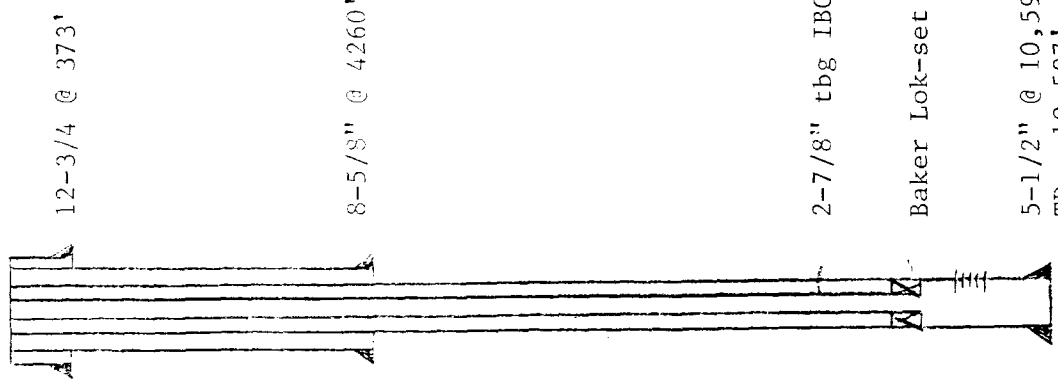
SIDE 1

OPERATOR Sage Energy Company New Mexico State (Renamed: N. Tres Papalotes Penn Unit "31")
 LEASE

WELL NO. 2 2080' FSL & 560' FEL ; Sec 31 T-14-S, R-34-E SECTION TOWNSHIP RANGE

FOOTAGE LOCATION

Schematic



Tabular Data

Surface Casing
 Size 12-3/4 " Cemented with 400 sx.
 IBC Surface feet determined by Circulated
 Hole size 17-1/2"

Intermediate Casing
 Size 8-5/8 " Cemented with 250 sx.
 IBC 3410 feet determined by Calculations
 Hole size 11"

Long string
 Size 5-1/2 " Cemented with 500 sx.
 IBC 8200 feet determined by Calculations
 Hole size 7-7/8"

Total depth 10,597'

Injection interval
 Baker Lok-set Pkr @ 10,347'
10,385 feet to 10,396 feet
 (perforated or open-hole, indicate which)

5-1/2" @ 10,597'
TD - 10,597', PBTD - 10,507'

Tubing size 2-7/8" EUE 8rd Lined with internal plastic coating set in a

Baker Lok-set packer packer at 10,347 feet
(brand and model)

(or describe any other casing-tubing seal).

Other Data

1 Name of the injection formation Roach "G" (Permian Penn)

2. Name of Field or Pool (if applicable) Tres Papalotes Penn West

3. Is this a new well drilled for injection? Yes No

If no, for what purpose was the well originally drilled? oil and gas production

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) NONE

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. NONE

VI. WELLS WITHIN THE AREA OF REVIEW OF THE
W. TRES PAPALOTES PENN UNIT "31" #2

TXO Production Corporation
Nancy Etcheverry #1
Sec. 5, T-15-S, R-34-E
Lea County, New Mexico

P&A

Midwest
Shell State #1
Sec 32, T-14-S, R-34-E
Lea County, New Mexico

SWD & P&A

Amini Oil Company
New Mexico "B" State #1
Sec 32, T-14-S, R-34-E
Lea County, New Mexico

P&A

Sage Energy Company
New Mexico State #2
Sec 31, T-14-S, R-34-E
Lea County, New Mexico

OIL

Sage Energy Company
New Mexico State #1
Sec 31, T-14-S, R-34-E
Lea County, New Mexico

OIL & T&A

Amini Oil Company
Superior State #1
Sec 31, T-14-S, R-34-E
Lea County, New Mexico

P&A

Sage Energy
New Mexico State #3
Sec 31, T-14-S, R-34-E
Lea County, New Mexico

OIL

DATA ON PROPOSED OPERATIONS

WATERFLOOD

VII.

1. Estimated average injection rate is 300 BWPD and the maximum is 600 BWPD.
2. The system is closed.
3. Estimated average injection pressure is 1300 psi and the maximum is 2000 psi.
4. Injection fluid is fresh and produced water. Analysis of fresh water is attached.
5. Not applicable.

VIII.

The injection zone is:

Perforations from 10,385' to 10,396'. Top of Permo. - Penn. (Bough "C") is 10,392'. The thickness of the Permo. Penn. formation is 700'.

Source of drinking water is Cretaceous at 250' to 350'.

IX. No stimulation program needed.

X. Logs and test data on file with the division.

XI. Submitted with the New Mexico "30" #1 (Renamed: W. Tres Papalotes Penn Unit "30" #1) application for injection

XII. I have no knowledge of open faults or any other hydrologic connection between the injection zone and any underground source of drinking water.

GEOLOGY

The Tres Papalotes field located in T-14-S, R-34-E, Lea County, New Mexico, produces from several members of the Bough "C" formation. The Bough "C" is widely productive along the western platform margin of the Tatum Basin. Dated as Permo-Penn in age, the productive members consist of clean porous white limestone, very fossiliferous with chert nodules interspersed within the limestone. The depositional model of this reservoir is most likely algal mats that grew and thrived within the photic zone, basinward from the basin edge in a relatively high energy environment, creating in the process the porous high permeability productive limestone.

COUNTY LEA, NEW MEXICO FIELD TRES PAPALOTES (PENN)
 COMPANY AMINI OIL CORPORATION
 STATE NEW MEXICO STATE WELL NO. 2
 LOCATION Sec 31, T-14-S, R-34-E (I)
 2080 FSL & 560 FEL of Sec

UNIQUE NO. 30-025-24031
 MAPS _____ CO ORD _____
 F R 2-2-72 DBJ 10,600' RT SPUD 2-4-72
 CTR Arc LAHEE CLASS _____ ELEV D F _____
 LOGS _____ SPLS _____ GL 4145'
 TD 10,597' BD 10,507' ABD LOC. _____ P & A _____

PAY ZONE	PERIOD INTERVAL	IF	BO	W	HRS	CHK	TEST BASIS
Penn	10385-396	F	226		24	22/64	
GOR	GTY	CP	TP	BHP	POT DATE	TREATMENT	
920	42		180		3-8-72	A/4500	
CS#	12 3/4 - 373 - 400		5 1/2 - 10597 - 500				
	8 5/8 - 4260 - 425						

COUNTY LEA, NEW MEXICO FIELD TRES PAPALOTES (PENN)

WELL: AMINI #2 NEW MEXICO STATE ELEV _____

DATE	WELL RECORD	REACHED T D	SPL (LOG) MARKERS
	TD 10,597'	PB 10507'	Anby(1787)
	PF 11/10385-396		Salt(1962)
	A/4500		B/Salt(2748)
			Yates(2850)
			7 Riv(3000)
			Qn(3358)
		(3-15-72)	Gbg(3868)
			SA(4402)
			Glor(5946)
			Pad(6223)
			Blby(6670)
			Tubb(7314)
			Drink(7333)
			Abo(7985)
			Wfc(9488) 7'
			Bursum(10354)

The Petroleum Library
 P. O. Box 642
 Midland, Texas

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LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form O-101
Supplement O-11
O-62 and O-103
Effective 1-1-72

5a. Indicate Type of Lease
State Fee

6. State Oil & Gas Lease No.
E-5765

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR RE-DRILL WELLS OR TO DEVELOP A RESERVOIR. USE "APPLICATION FOR PERMIT TO DRILL OR RE-DRILL WELLS" OR "APPLICATION FOR PERMIT TO DEVELOP A RESERVOIR".)

1. OIL WELL GAS WELL OTHER

2. Name of Operator
Amini Oil Company

3. Address of Operator
400 Wall Towers West - Midland, Texas 79701

4. Location of Well
UNIT LETTER I 2080 FEET FROM THE South LINE AND 560 FEET FROM THE East LINE, SECTION 31 TOWNSHIP 14S RANGE 34E NEPM.

7. Date Reported or Due

8. State Oil & Gas Lease No.

9. Well No.
2

10. Field and Pool, or Acreage
Undesignated

15. Elevation (Show whether DT, NT, GR, etc.)
4145 GR

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 PLUG AND ABANDON REMEDIAL WORK ALTERING CASING

TEMPORARILY ABANDON CHANGE PLANS COMMENCE DRILLING OPER. PLUG AND ABANDONMENT

PULL OR ALTER CASING CASING TEST AND OTHER USE

OTHER _____

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

- 3-4-72 Drilled 7-7/8" hole to TD @10597'. Cemented 5-1/2" 17#, 20#, & 20# N-80 & J-35 LTC casing @10597' w/300 sx class H, 200 sx pozmat 2% gel, 3# salt/sx & 1/4 of 1% CFR-2. Plugged down @8:45 PM. Temperature Survey. Top of cement 7360'.
- 3-5-72 WOC 24 hrs. - Tested w/1000 psi for 30 minutes - held OK.
- 3-8-72 Acidized w/4500 gals. 15% HCL NE acid over perms 10385-10396 w/16 holes.

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

SIGNED Karin Holwein ACCEPTED _____ DATE 3-8-72

APPROVED BY _____

CONDITIONS OF APPROVAL, IF ANY:

File

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.
E-5765

1. TYPE OF WELL
OIL WELL GAS WELL DRY OTHER _____

7. Unit Agreement Name

2. TYPE OF COMPLETION
NEW WELL WORK OVER DEEPEN PLUG BACK DIFF. RESVR. OTHER _____

8. Term or Lease Term
New Mexico State

3. Name of Operator
Amini Oil Company

9. Well No.
2

3. Address of Operator
400 Wall Towers West - Midland, Texas 79701

10. Field and Pool, or Wellcat
Undesignated

4. Location of Well

UNIT LETTER **I** LOCATED **2080** FEET FROM THE **South** LINE AND **560** FEET FROM

12. County
Lea

THE **East** LINE OF SEC. **31** TWP. **14S** RGE. **34E** NMPM

15. Date Spudded **2-5-72** 16. Date T.D. Reached **3-4-72** 17. Date Compl. (Ready to Prod.) **3-8-72** 18. Elevations (DF, RKB, RT, GR, etc.) **4145 GR** 19. Elev. Castinghead **4153.5**

23. Total Depth **10597** 21. Plug Back T.D. **10507** 22. If Multiple Compl., How Many **--** 23. Intervals Drilled By Rotary Tools **0-TD** Cable Tools _____

24. Producing Interval(s), of this completion - Top, Bottom, Name
10385-10396 Tres Papalotes Penn

25. Was Directional Survey Made
No

26. Type Electric and Other Logs Run
BHC Acoustic - Gamma Ray

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
12-3/4"	48#	373'	17-1/2"	400 sx	
8-5/8"	32# & 24#	4260'	11"	250 sx	
5-1/2"	17#, 20# & 23#	10597'	7-7/8"	300 sx & 200 sx	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

31. Perforation Record (Interval, size and number)

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
10385-10396	4500 gals 15% HCL NE

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

33. PRODUCTION

Date First Production **3-8-72** Production Method (Flowing, gas lift, pumping - Size and type pump) **Flowing** Well Status (Prod. or Shut-in) **Producing**

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil ratio
3-9-72	24	22/64"		226	208	0	920

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)
180	Pkr.		226	208	0	42

34. Disposition of Gas (Sold, used for fuel, vented, etc.) **Sold** Test Witnessed By **F. G. Brown**

35. List of Attachments
BHC Acoustic - Gamma Ray Log, C-104, Deviation Schedule

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 *Karin Holman* TITLE **Agent** DATE **3-14-72**

RECEIVED

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission 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

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____ 1787	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____ 1962	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____ 2748	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 2860	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 3000	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3368	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 3868	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 4402	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____ 5946	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____ 6223	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____ 6670	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____ 7314	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____ 7535	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____ 7985	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____ 9488	T. <u>Bursum 10354</u>	T. Chinle _____	T. _____
T. Penn. _____	T. <u>(Permo Penn Pay)</u>	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
		175	Anhydrite				
		786	Salt				
		257	Yates				
		368	7 Rivers				
		500	Queen				
		534	Grayburg				
		1544	San Andres				
		277	Glorieta				
		447	Paddock				
		644	Blinebry				
		221	Tubb				
		450	Drinkard				
		1503	Abo				
		866	Wolfcamp				

COUNTY LEA, N.M. FIELD TRES PAPANOTES, W. (PENN)
 OPR SAGE ENERGY CO.
 LSE NEW MEXICO STATE WELL NO. 3
 DC Sec 31, T-14-S, R-34-E (A)
1160 FNL & 560 FEL of Sec
30-025-28102
 API NO. 1-5-83 10,600'RT CO-ORD _____
 F.R. _____ OBJ _____ ELEV KB _____
 CTR 10,560 10,534 ^{SPLD} DF 4144'op
 TD _____ PBD _____ P & A _____ GL _____

PAY ZONE	PROD INTERVAL	IP	BO	W	HRS	CHK	TEST BASIS
Penn	10,397-406	P	180	32	24		

GOR	GTY	CP	TP	BHP	POT DATE	TREATMENT
1500	42				5-31-83	A/500
CSG	12 3/4-404-475				4 1/2-10,560-550	
	8 5/8-4320-2100					

MIDLAND OIL SCOUTS ASSOCIATION WELL RECORD

INTY LEA, N.M. FIELD TRES PAPANOTES, W. (PENN) -1 -1
 L: SAGE ENERGY CO. #3 NEW MEXICO STATE
 E: TD 10,560'; PB 10,534'; SPL (LOG) MARKERS
Pf/30/10,397-406, A/500 SA (4458)
S/700 BDF, 80% oil Gior (5960)
 B1by (6560)
 Tubb (7356)
 Drink (7540)
 Abo (7994)
 Wlfc (9705)
 Bursum (10,376)
 (6-22-83)
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Form C-105
Revised 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.
K-2043

1a. TYPE OF WELL
OIL WELL GAS WELL DRY OTHER _____

b. TYPE OF COMPLETION
NEW WELL WORK OVER DEEPEN PLUG BACK DIFF. RESVR. OTHER _____

7. Unit Agreement Name

8. Farm or Lease Name
New Mexico State

9. Well No.
3

10. Field and Pool, or Wildcat
Tres Papalotes, W. (Penn)

2. Name of Operator
Sage Energy Company

3. Address of Operator
P.O. Drawer 3068, Midland, TX 79702

4. Location of Well
UNIT LETTER A LOCATED 1160 FEET FROM THE north LINE AND 560 FEET FROM
THE east LINE OF SEC. 31 TWP. 14S RGE. 34E NMPM

12. County
Lea

15. Date Spudded 3/30/83 16. Date T.D. Reached 4/29/83 17. Date Compl. (Ready to Prod.) 5/30/83 18. Elevations (DF, RKB, RT, GR, etc.) 4144.3 GR 19. Elev. Casinghead 4153

20. Total Depth 10560 21. Plug Back T.D. 10534 22. If Multiple Compl., How Many _____ 23. Intervals Drilled By: Rotary Tools 0 - TD Cable Tools _____

24. Producing Interval(s), of this completion - Top, Bottom, Name
10397½-10406 Tres Papalotes, W. (Penn) 25. Was Directional Survey Made No

26. Type Electric and Other Logs Run DLL/GR BHC/GR 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
12-3/4"	34#	400	17½"	475 sx. "C" 2% CC	
8-5/8"	32# & 34#	4320	11"	1800 sx. Econolite & 300 sx. "C"	
4½"	11.60#	10575	7-7/8"	300 sx. "H" & 250 sx. HLW	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8"	10416	

31. Perforation Record (Interval, size and number)
22 holes from 10397½ - 10406 on ½' intervals
2 holes shot @ 10398½, 10400½, 10402½,
10404½. No shot @ 10401. (Selector out of
sequence)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
<u>10397½ - 10406</u>	<u>5,000 gals. 15% NE (retarded)</u>

33. PRODUCTION

Date First Production 5/30/83 Production Method (*Flowing, gas lift, pumping - Size and type pump*) pumping-1½' Z24½ w/10' gas anchor Well Status (*Prod. or Shut-in*) producing

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
<u>5/31/83</u>	<u>24</u>			<u>180</u>	<u>270</u>	<u>32</u>	<u>1500</u>

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)
	<u>100#</u>		<u>180</u>	<u>270</u>	<u>32</u>	<u>42</u>

34. Disposition of Gas (*Sold, used for fuel, vented, etc.*) Sold Test Witnessed By Jay H. Hardy

35. List of Attachments
DLL/GR, BHC/GR, C-104, Deviation Schedule

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 _____ TITLE Production Clerk DATE 6/10/83

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission 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

Southeastern 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" _____
B. 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 <u>4458</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta <u>5960</u>	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry <u>6560</u>	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb <u>7356</u>	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard <u>7540</u>	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo <u>7994</u>	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp <u>9705</u>	T. _____	T. Chinle _____	T. _____
T. Penn. (Bursum) <u>10376</u>	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1760	1760	Redbed				
1760	2281	521	anhydrite & redbed				
2281	3122	841	anhydrite				
3122	3440	318	anhydrite & salt				
3440	4124	684	lime & anhydrite				
4124	4458	334	lime				
4458	5960	1502	anhydrite/dolomite/shale				
5960	6560	600	anhydrite/lime/shale				
6560	7356	796	lime/shale				
7356	7994	638	shale/lime				
7994	9705	1711	lime/shale				
9705	10376	671	shale/lime				
10376	10560	184	lime/trace shale				

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. K-2043	
7. Unit Agreement Name	
8. Farm or Lease Name New Mexico State	
9. Well No. 31	
10. Field and Pool, or Wildcat Tres Papalotes, W. (Penn)	
11. Elevation (Show whether DF, RT, GR, etc.) 4144.3 GR	
12. County Lea	

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.)

OIL WELL GAS WELL OTHER

Name of Operator
Sage Energy Company

Address of Operator
P.O. Drawer 3068, Midland, TX 79702

Location of Well
UNIT LETTER A 1160 FEET FROM THE north LINE AND 560 FEET FROM
east LINE, SECTION 31 TOWNSHIP 14S RANGE 34E NMPM.

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"/>
WELL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/>	OTHER <input type="checkbox"/>

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.

4/28/83- T.D. 10560' Hole Size: 7-7/8"
 Drilled to T.D. circulate 3 hours - pull out of hole laying down drill pipe. Rig up casing crew & run 4 1/2" casing as follows:

1-Howco float shoe	1.40
1-jt. 4 1/2" 11.60# N-80 LT&C	39.60
1-Howco float collar w/baffle	1.40
8-jts. 4 1/2" 11.60# N-80 LT&C	361.51
1-jt. 4 1/2" 11.60# N-80 LT&C	20.17
32-jts. 4 1/2" 11.60# N-80 LT&C	1453.96
82-jts. 4 1/2" 11.60# K-55 LT&C	2674.00
1-Howco DV tool	4.30
108-jts. 4 1/2" 11.60# K-55 LT&C	3602.46
1-jt. 4 1/2" 11.60# K-55 LT&C	19.53
58-jts. 4 1/2" 11.60# N-80 LT&C	2397.75
291 jts.	10576.08
4 1/2" casing above KB	1.00
Pipe set @	10575.08

D.V. Tool @ 6019.74 Cemented 1st state w/300sx. Class H 50/50 poz w/6# salt-5/10 of 1% CFR-2
 PBD @ 10534.08 Pumped plug down w/70 bbls fresh water & 98 bbls. drlg. mud. Plug down @10:45 a.m. Pipe recipitated during 1st stage. Dropped bomb-opened DV tool
 (Over)

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

ED Dennis Bailey TITLE District Supervisor DATE 4/28/83

ORIGINAL SIGNED BY JERRY SEXTON
 COVERED BY DISTRICT SUPERVISOR TITLE _____ DATE _____

ADDITIONS OF APPROVAL, IF ANY:

MAY 31 1983

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
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Effective 1-1-65

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.
K-2043

7. Unit Agreement Name

8. Farm or Lease Name
New Mexico State

9. Well No.
13

10. Field and Pool, or Wildcat
Tres Papalotes, W. (Penn)

12. County
Lea

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.)

OIL WELL GAS WELL OTHER

Name of Operator
Sage Energy Company

Address of Operator
P.O. Drawer 3068, Midland, TX 79702

Location of Well
UNIT LETTER A 1160 FEET FROM THE north LINE AND 560 FEET FROM
east THE 31 LINE, SECTION 14S TOWNSHIP 34E RANGE 34E NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)
4144.3 GR

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"/>
DRILL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/>	

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.

4/7/83-Driller's T.D. 4320' Hole Size - 11"
 Drilled to T.D. circulate 1 hour, pull out of hole w/drill pipe & drill collars. Rig up casing crew & run 106 joints 8-5/8" casing as follows:

1 - Halliburton Guide Shoe	1.40
1 - joint 8-5/8" 32# ST&C casing	40.23
1 - Halliburton insert float w/autofill	-0-
54 - joints 8-5/8" 32# ST&C casing	2167.99
46 - joints 8-5/8" 24# ST&C casing	1930.17
5 - joints 8-5/8" 32# ST&C casing	201.11
106 joints total	Total 4340.90
	8-5/8" above KB 20.00
	Pipe set @ 4320.90'

Circulate half hour at T.D. Rig up Halliburton Services to cement as follows:
 1800 sxs. 3% Econolite w/8# salt & 8# salt & 1/4# Flocele. Tailed in w/300 sxs. Class "C" w/2% CC & 1/4# Flocele. Plug down @ 8:15 p.m. - set slips. Circulate 250 sx.cement. Left well SI 8 hours before cut off. Tested @ 1000#.

no NOEIBLES

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

SIGNED Jerry Sexton TITLE Production Clerk DATE 4/19/83

APPROVED BY ORIGINAL SIGNED BY JERRY SEXTON TITLE DISTRICT I SUPERVISOR DATE APR 21 1983

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease
State Fee
5. State Oil & Gas Lease No.
K-2043

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 checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator Sage Energy Company	8. Farm or Lease Name New Mexico State
3. Address of Operator P.O. Drawer 3068, Midland, TX 79702	9. Well No. 3
4. Location of Well UNIT LETTER <u>A</u> <u>1160</u> FEET FROM THE <u>north</u> LINE AND <u>560</u> FEET FROM THE <u>east</u> LINE, SECTION <u>31</u> TOWNSHIP <u>14S</u> RANGE <u>34E</u> N.M.P.M.	10. Field and Pool, or Wildcat Tres Papalotes, W. (Penn)
15. Elevation (Show whether DF, RT, GR, etc.) 4144.3 GR	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 checked="" 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 checked="" type="checkbox"/>	OTHER <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.

3/30/83 - Move in Sterling Drilling Company Rig #21. Spud @ 3 p.m. (Texas time)
Drilled 17 1/2" hole to TD of 400' below a 16' KB & ran 12-3/4" casing as follows:

10 joints 12-3/4" 34# 8 rd. ST&C casing 404.35
Bottom joint was cut into Texas Patern Guide Shoe.

Halliburton Services cemented w/4.35' above a 16' KB & 384' below ground leveled & used 475 sxs. Class "C" 2% CC. Displaced wood plug w/fresh water. Circulated 75 sx. cement. Circulated to surface. Plug down @ 1:00 a.m. 3/31/83.**

3/31/83-Nipple up, waiting on cement @ 400'.
4/1/83-Drilling @ 1760 anhydrite & redbed.
4/2/83-Drilling @ 2281' anhydrite.
4/3/83-Drilling @ 3122' anhydrite & salt.
4/4/83-Drilling @ 3440' lime & anhydrite.
4/5/83-Drilling @ 3820' lime & anhydrite.
4/6/83-Drilling @ 4124' lime.
**Temperature of cement @ 80° in 12 hours. 750# compressive strength. Tested from 3:30-4p.m.
Tested BOP & casing to 1000#.

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

SIGNED Lorena B. Miller TITLE Production Clerk DATE 4/6/83

APPROVED BY ORIGINAL SIGNED BY JERRY SEXTON TITLE DISTRICT SUPERVISOR DATE APR 11 1983
CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION

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5a. Indicate Type of Lease
State Fee
5. State Oil & Gas Lease No.
K-2043

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 checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator Sage Energy Company	8. Farm or Lease Name New Mexico State
3. Address of Operator P.O. Drawer 3068, Midland, TX 79702	9. Well No. 3
4. Location of Well UNIT LETTER <u>A</u> <u>1160</u> FEET FROM THE <u>north</u> LINE AND <u>560</u> FEET FROM THE <u>east</u> LINE, SECTION <u>31</u> TOWNSHIP <u>14S</u> RANGE <u>34E</u> NMPM.	10. Field and Pool, or Wildcat
15. Elevation (Show whether DF, RT, GR, etc.) 4144.3 GR	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 checked="" type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <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 1103.

Size of hole	Size of casing	Wt. per ft.	Setting depth	Sx. of cmt.	Est. top Surface
17 1/2"	12-3/4"	32#	400	350	Surface
11"	8-5/8"	24# & 32#	4400±	400	400'
7-7/8"	4 1/2"	11.60#	10,600'	400	7900'

Blow out prevention system: 4 1/2 drill pipe rams
set of blands
Hydril clamped around kelly

This well was permitted (Hearing 3/2/83) Permit #R-7232 dated 3/9/83.
On original Permit to Drill, casing shown as 5 1/2" instead of 4 1/2"

Work will start approximately 3/25/83 with Sterling Drilling Company as contractor.
Penn formation. Rotary rig used.

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

SIGNED: Eddie Seay TITLE: Production Clerk DATE: 3/21/83

APPROVED BY: EDDIE SEAY TITLE: OIL & GAS INSPECTOR DATE: MAR 25 1983

CONDITIONS OF APPROVAL, IF ANY:

COUNTY LEA, NEW MEXICO FIELD TRES PAPALOTES (PENN)
 OPER AMINI OIL COMPANY
 LSE N.M. "B" STATE WELL NO. 1
 LOC Sec 32, T-14-S, R-34-E (L)
2080 FSL & 560 FWL of Section

UNIQUE NO 30-025-24077

MAPS _____ CO. ORD _____
 F R. 3-29-72 OBJ 10,600' RI SPUD 3-27-72
 CTR Marcum Drlg. LAHEE CLASS _____ ELEV D. F. 4147' *
 LOGS _____ SPLS _____ GL _____
 TD 10,700' PSD _____ ABD LOC _____ P & A 5-1-72
 PAY ZONE _____ PROC INTERVAL _____ IP _____ RO _____ W _____ HRS _____ CHK _____ TEST BASIS _____

PLUGGED & ABANDONED						
GOR	GTY	CP	TP	BHP	POT DATE	TREATMENT
CSG	12 3/4	-	390-	425		
	8 5/8	-	4270	- 250		

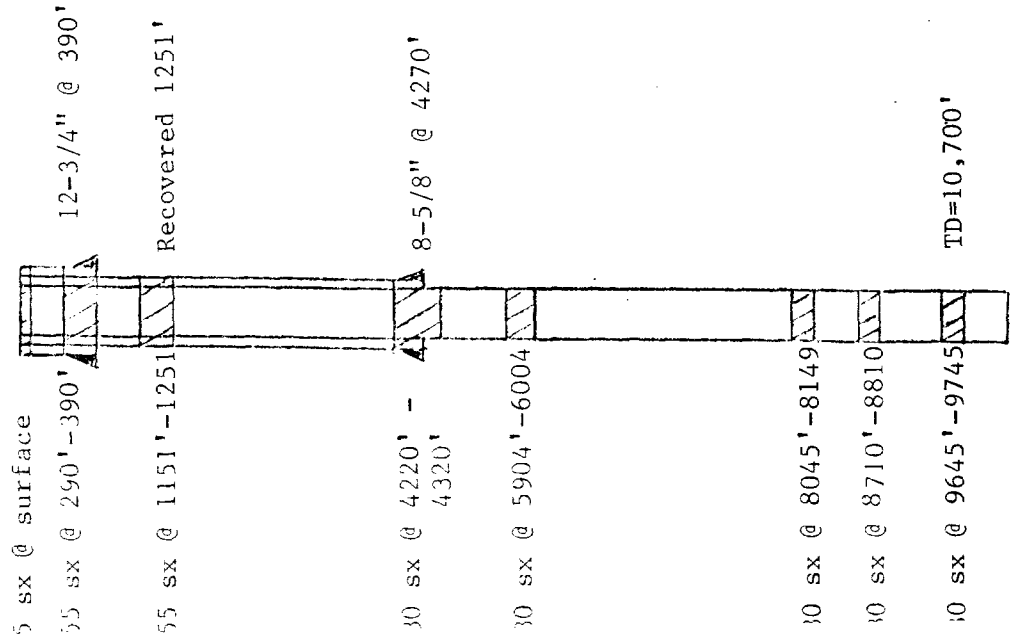
COUNTY LEA, NEW MEXICO FIELD TRES PAPALOTES (PENN)
 WELL: AMINI #1 N.M. "B" STATE ELEV 4147' *-DF

DATE	WELL RECORD	REACHED T. D.	SPL (LOG) MARKERS
TD 10,700'	P&A	5-1-72	Anhy (1787)
DST 10364-530,	Op 90",	Rec 270' mud,	Salt (1905)
465' O&GCM,	1050' Sulf Wtr (SC R 1.5	B/Salt (2745)	
cfe, 2030 cc Sulf Wtr)	90" ISIP/3359,	Yates (2864)	
FP 592-836,	180" FSIP/3333	7-Riv (3004)	
		Queen (3373)	
		SA (4415)	
	(5-31-72)	Glor (5954)	
		Pad (6239)	
		Blbry (6677)	
		Tubb (7318)	
		Drink (7543)	
		Permo Penn (9695)	
		Bursum (10375)	

PLUGGED WELL DATA

Operator Name Amini Oil Co. Lease Name New Mexico State "B" Well No. 1
 Footage Location 560' FWL & 2080' FSL Section 32 Township 14-S Range 34-E
 County Lea Date P&A 12-9-72 - Dry Hole

SCHEMATIC



TABULAR DATA

Surface Casing: Size 12-3/4" set at 390'
 Cemented with 425 sx. TOC Surface
 Feet determined by Visual. Hole Size 17-1/2"
 Intermediate Casing:
 Size 8-5/8" set at 4270'
 Cemented with 250 sx. TOC 3851'
 Feet determined by Calculations. Hole size 12-1/4"
 Long String:
 Size None set at _____
 Cemented with _____ sx. TOC _____
 Feet determined by _____ . Hole size _____
 Total Depth _____
 Producing Intervals; perforated or open hole
 NA feet to NA feet.

TD=10,700'

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NEW MEXICO OIL CONSERVATION COMMISSION

Form O-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

3a. Indicate Type of Lease
State Fee
 5. State Oil & Gas Lease No.
 L 5164

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 O-101) FOR SUCH PROPOSALS.)

1. OIL WELL GAS WELL OTHER
 2. Name of Operator
 Amini Oil Company
 3. Address of Operator
 400 Wall Towers West - Midland, Texas 79701
 4. Location of Well
 UNIT LETTER L 560 FEET FROM THE West LINE AND 2080 FEET FROM
 THE South LINE, SECTION 32 TOWNSHIP 14S RANGE 34E N.M.P.M.

7. Unit Agreement Name
 8. Form or Lease Name
 New Mexico "B" State
 9. Well No.
 1
 10. Field and Pool, or Wildcat
 Undesignated

15. Elevation (Show whether DF, RT, GR, etc.)
 4145 GR
 12. County
 Lea

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

PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK ALTERING CASING
 TEMPORARILY ABANDON CHANGE PLANS COMMENCE DRILLING OPER. PLUG AND ABANDONMENT
 PULL OR ALTER CASING OTHER CASING TEST AND CEMENT JOBS OTHER

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.

- 4-19-72 Drilled to TD @10700'.
- 4-20-72 Ran Gamma Ray-Acoustic log from 10700' to surface.
- 4-21-72 Ran DST 10526'-10360'.
- 4-22-72 Set 100' (30 sx) cement plugs @ 9645'-9745', 8710'-8810', 8045'-8145', 5904'-6004', 4220'-4320'. Mud between each plug with weight of 9.2 & 46 vis. Casing left in hole = 8-5/8" @4270' & 12-3/4" @390'. (Will pull 8-5/8" casing and complete plugging of well when rotary rig moves.) ?

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

SIGNED Karin Anderson TITLE Agent DATE April 25, 1972
 APPROVED BY Nathan E. O'Leary TITLE OIL & GAS INSPECTOR DATE MAY 10 1972
 CONDITIONS OF APPROVAL, IF ANY:

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
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 Effective 1-1-65

5a. Indicate Type of Lease
 State Fee
 5. State Oil & Gas Lease No.
 15164

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL ON TO DEEPER 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: <u>Dry Hole</u>	7. Unit Agreement Name
2. Name of Operator <u>Amini Oil Company</u>	8. Farm or Lease Name <u>N. M. "B" State</u>
3. Address of Operator <u>405 Wall Towers East - Midland, Texas 79701</u>	9. Well No. <u>1</u>
4. Location of Well UNIT LETTER <u>L</u> <u>560</u> FEET FROM THE <u>West</u> LINE AND <u>2080</u> FEET FROM THE <u>South</u> LINE, SECTION <u>32</u> TOWNSHIP <u>14-S</u> RANGE <u>34-E</u> NMPM.	10. Field and Pool, or Wildcat <u>Undesignated</u>
15. Elevation (Show whether DF, RT, GR, etc.) <u>4145 GR</u>	12. County <u>Lea</u>

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

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

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.

- 12-7-72 Moved in csg. pulling unit.
- 12-8-72 Shot 8-5/8" csg. @1251'. Pulled 1251' of 8-5/8" csg. Spotted 55 sk plug @ 1251'-1151' & 55 sk plug @390'-290'.
- 12-9-72 Spotted 5 sk surface plug. Installed marker & cleaned location.

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

SIGNED Harin Hedwin TITLE Agent DATE Dec. 14, 1972

APPROVED BY Nathan E. Olegg TITLE OIL & GAS INSPECTOR DATE MAR 1 1973

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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3a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.
L5164

1a. TYPE OF WELL
OIL WELL GAS WELL DRY OTHER _____

b. TYPE OF COMPLETION
NEW WELL WORK OVER DEEPEN PLUG BACK DIFF. RESVR. OTHER _____

7. Unit Agreement Name

8. Farm or Lease Name
New Mexico "B" State

2. Name of Operator
Amini Oil Company

3. Address of Operator
400 Wall Towers West - Midland, Texas 79701

9. Well No. _____

10. Field and Pool, or Wildcat
Undesignated

4. Location of Well
UNIT LETTER **L** LOCATED **560** FEET FROM THE **West** LINE AND **2080** FEET FROM THE **South** LINE OF SEC. **32** TWP. **14S** RGE. **34E** NMPM

17. County
Lea

15. Date Spudded **3-27-72** 16. Date T.D. Reached **4-19-72** 17. Date Compl. (Ready to Prod.) **--** 18. Elevations (DI, RKB, RT, GR, etc.) **4145 GR** 19. Elev. Casinghead **--**

20. Total Depth **10700'** 21. Plug Back T.D. **4220'** 22. If Multiple Compl., How Many **--** 23. Intervals Drilled By **X** Rotary Tools Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name **---** 25. Was Directional Survey Made **No**

26. Type Electric and Other Logs Run **Gamma Ray Acoustic** 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
12-3/4"	48#	390'	17 1/8"	425 sx	
8-5/8"	24# & 32#	4270'	12 1/4"	250 sx	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET

31. Perforation Record (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

33. PRODUCTION

Date First Production _____ Production Method (Flowing, gas lift, pumping - Size and type pump) _____ Well Status (Prod. or Shut-in) _____

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas-Oil Ratio

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)

34. Disposition of Gas (Sold, used for fuel, vented, etc.) _____ Test Witnessed By _____

35. List of Attachments _____

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 Karin Pedersen Agent DATE 5-1-72

LEA
AMINI OIL CO.

Tres Papalotes, W.
#1 Superior State
Sec 31, T-14-S, R-34-E

NM
Page #2

8-19-74 Continued
 10,470-478'
 Acid (10,404-478') 2500 gals
 Swbd 8 BSW (10,404-478')
 Acid (10,404-408') 500 gals
 Swbd 10 BSWPH (10,404-408')
9-2-74 TD 10,735'; PLUGGED & ABANDONED
 LOG TOPS: Anhydrite 1780', Yates 2845',
 Queen 3346', Grayburg 3856', San Andres
 4330', Glorieta 5937', Tubb 7308', Abo
 7985', Wolfcamp 9478', Bursum 10,390'
9-7-74 COMPLETION REPORTED

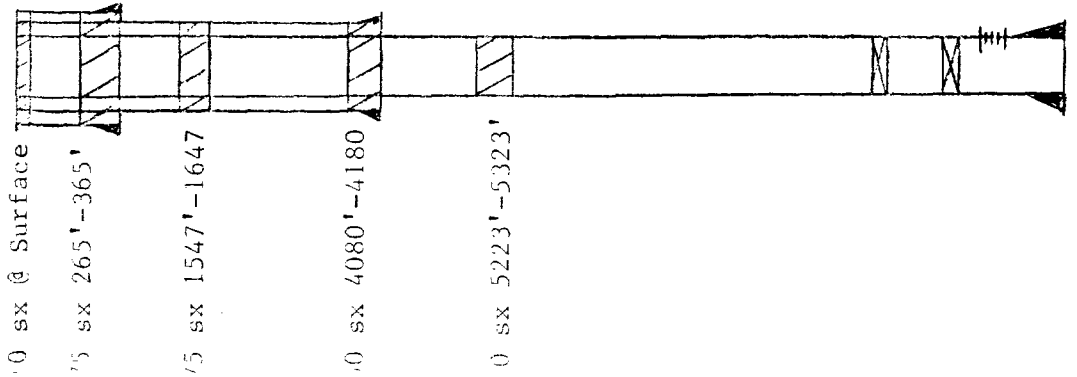


GEOLOGICAL INFORMATION CENTER
DENVER - CASPER - MIDLAND

PLUGGED WELL DATA

Operator Name Amini Oil Co. Lease Name Superior State Well No. 1
 Footage Location 1873' FSL & 2086' FWL Section 31 Township 14-S Range 34-E
 County Lea Date P&A 6-12-74

SCHEMATIC



TABULAR DATA

Surface Casing: Size 12-3/4" set at 365'
 Cemented with 400 sx. TOC Surface
 Feet determined by Visual. Hole Size 17-1/2"
Intermediate Casing:
 Size 8-5/8" set at 4180'
 Cemented with 260 sx. TOC 3500'
 Feet determined by Calculations. Hole size 11"
Long String:
 Size 5-1/2" set at 10,735'
 Cemented with 275 sx. TOC 8900'
 Feet determined by Calculations. Hole size 7-7/8"
 Total Depth 10,735'
 Producing Intervals; perforated or open hole
10,654' feet to 10,667'
10,402' 10,476'

CIBP @ 10,390' w/35' cement
 CIBP @ 10,530' w/35' cement
 Perfs 10,667'-10,654', 10,402'-10,476'
 TD = 10,703'

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.
L-6933

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: Dry Hole	7. Unit Agreement Name
2. Name of Operator Amini Oil Company	8. Form of Lease Name Superior State
3. Address of Operator 405 Wall Towers East - Midland, Tx. 79701	9. Well No. 1
4. Location of Well UNIT LETTER K , 1873 FEET FROM THE South LINE AND 2086 FEET FROM THE West LINE, SECTION 31 TOWNSHIP 14S RANGE 34E NMPM.	10. Field and Pool, or Wildcat Undesignated
15. Elevation (Show whether DF, RT, GR, etc.) 4154.1 GR	12. County Lea

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 checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <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 1702.

- 5-24-74 Set cast iron bridge plug @10,530' w/35' cement cap on plug; set cast iron bridge plug @10,390' w/35' cement cap on plug.
- 6-7-74 Shot 5 1/2" csg. @7480', 6491' & 5789'. Couldn't pull csg. loose. Shot 5 1/2" csg. @5273'. Pulled 5273' of 5 1/2" csg. Spotted 50 sack plug @5223'-5323'. (5 1/2" stub). Spotted 50 sack plug @4080'-4180' (8-5/8" shoe).
- 6-8-74 Shot 8-5/8" csg. @2513' & 2007'. Couldn't pull loose. Shot csg. @1597'. Pulled 1597' of 8-5/8" csg.
- 6-11-74 Spotted 75 sack plug @8-5/8" stub. (1547'-1647'). Spotted 75 sack plug @12-3/4" surface csg. shoe (265'-365').
- 6-12-74 Spotted 10 sack plug @ surface. Set surface marker & cleaned location.

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

SIGNED *Nathan E. Clegg* TITLE Agent DATE 8-1-74

APPROVED BY *Nathan E. Clegg* TITLE OIL & GAS INSPECTOR DATE 8-1-74

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Form C-105
Revised 1-1-85

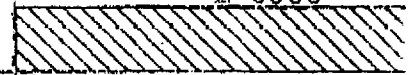
NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.
L-6933

1a. TYPE OF WELL
OIL WELL GAS WELL DRY OTHER _____

b. TYPE OF COMPLETION
NEW WELL WORK OVER DEEPEN PLUG BACK DIFF. REVR. OTHER _____



7. Unit Agreement Name

2. Name of Operator
Amini Oil Company

8. Part of Lease Name
Superior State

3. Address of Operator
405 Wall Towers East - Midland, Tx. 79701

9. Well No.
1

4. Location of Well

10. Field and Pool, or Wildcat
Undesignated

UNIT LETTER **K** LOCATED **1873** FEET FROM THE **South** LINE AND **2086** FEET FROM



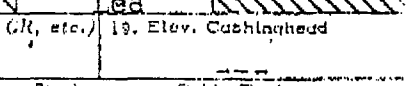
THE **West** LINE OR SEC. **31** TWP. **14S** RGE. **34E** NMPM

12. County
Lea

15. Date Spudded **3-30-74** 16. Date T.D. Reached **4-28-74** 17. Date Compl. (Ready to Prod.) **---** 18. Elevations (DP, RKB, RT, GR, etc.) **4154.1 GR** 19. Elev. Casinghead **---**

20. Total Depth **10735'** 21. Plug Back T.D. **10703'** 22. If Multiple Compl., How Many **---** 23. Intervals Drilled By Rotary Tools Cable Tools _____

24. Producing Interval(s), of this completion - Top, Bottom, Name
None



25. Was Directional Survey Made
No

26. Type Electric and Other Log Run
Induction-Electric & Compensated Acoustic Velocity

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
12-3/4"	38#	365'	17 1/2"	400 gx	---
8-5/8"	24, 28 & 32#	4180'	11"	250 gx	---
5 1/2"	17 & 20#	10735'	7-7/8"	225 gx	---

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

31. Perforation Record (Interval, size and number)

Interval	Shots	Size
10667' - 10654'	10 shots	.42"
10402' - 10476'	21 shots	.42"

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
10667-10654	Acidized w/500 gals. ^{15%} mud aci
10402-10476	Acidized w/2500 gals. 15% mud acid + w/500 gals. 15% MCA

33. PRODUCTION

Date First Production _____ Production Method (Flowing, gas lift, pumping - Size and type pump) _____ Well Status (Prod. or Shut-in) _____

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)

34. Disposition of Gas (Sold, used for fuel, vented, etc.) _____ Test Witnessed By _____

35. List of Attachments _____

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.

COUNTY LEA, NEW MEXICO FIELD TRES PAPALOTES (PENN)
 COMPANY AMINI OIL CORPORATION
 STATE NEW MEXICO STATE WELL NO 1
 LOCATION Sec 31, T-14-S, R-34-E (A)
 560 FNL & FEL of Section

UNIQUE N 30-025-23936
 MAPS CO. ORD
 F R 11-10-71 OBJ 10,600' RT SPUD 11-13-71
 CRD Ard LAKEE CLASS ELEV D F
 LOGS 10,500' SPLS 4145'
 TD 10,500' PB 10,449' ABD LOC P & A

PROF ZONE	PROF INTERVAL	IP	EQ	TV	HRS	CHK	TEST BASIS
Penn	10401-410	F	575		24	19/64	

GOR	GT	CP	TP	BHP	POT DATE	TREATMENT
456	41		630		12-17-71	A/500

CSC	12 3/4	413	400	5 1/2	10499	760
	8 5/8	4260	250			

COUNTY LEA, NEW MEXICO FIELD TRES PAPALOTES (PENN)
 WELL #1 AMINI #1 NEW MEXICO STATE ELEV
 DATE WELL RECORD REACHED T D SPL (LOG) MARKERS

TD 10,500'	PB 10,449'	Anhy(1800)
Pf 10/10,401-410		Salt(1972)
A/500		B/Salt(2743)
		Yates(2855)
	(1-5-72)	7 Riv(3000)
		Qn(3360)
		Gbg(3855)
		S.A. (4377)
		Glor(5943)
		Pad(6225)
		Blby(6675)
		Tubb(7315)
		Drink(7540)
		Abo(7990)
		Wlfc(9490)
		Bursun(10380)

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease
State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.
K-2043

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 checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator Amini Oil Company Corp	8. Farm or Lease Name New Mexico State
3. Address of Operator 400 Wall Towers West - Midland, Texas 79701	9. Well No. 1
4. Location of Well UNIT LETTER <u>A</u> <u>560</u> FEET FROM THE <u>North</u> LINE AND <u>560</u> FEET FROM THE <u>East</u> LINE, SECTION <u>31</u> TOWNSHIP <u>14-S</u> RANGE <u>34-E</u> NMPM.	10. Field and Pool, or Wildcat Undesignated
15. Elevation (Show whether DF, RT, GR, etc.) 4145 GR	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 JOB <input checked="" type="checkbox"/>	OTHER <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 1103.

12-8-71 Drilled 7-7/8" hole to TD @ 10500'.

12-10-71 Cemented 5 1/2" OD 17# J55 & N-80 casing @ 10,499' w/760 sx cement. Plugged down 2:30 A.M. Temperature Survey. Top of cement 7200'.

12-11-71 WOC 24 hrs. - tested with 1000 psi for 30 minutes - held ok.

12-15-71 Acidized w/500 gals 15% HCL NE acid over perms 10401-10410 w/10 holes.

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

SIGNED James O'Connell TITLE Agent DATE 12-17-71

APPROVED BY Joe D. Ramey TITLE Dist. I. Supv DATE 12-17-71

CONDITIONS OF APPROVAL, IF ANY:

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NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.
K-2043

1a. TYPE OF WELL
OIL WELL GAS WELL DRY OTHER _____

b. TYPE OF COMPLETION
NEW WELL WORK OVER DEEPEN PLUG BACK DIFF. RESVR. OTHER _____

7. Unit Agreement Name

8. Farm or Lease Name
New Mexico State

9. Well No.
1

10. Field and Pool, or Wildcat
Tres Papalotes

2. Name of Operator
Amini Oil ~~Company~~ Corp.

3. Address of Operator
400 Wall Towers West, Midland, Texas 79701

4. Location of Well
UNIT LETTER A LOCATED 560 FEET FROM THE North LINE AND 560 FEET FROM
THE East LINE OF SEC. 31 TWP. 14-S RGE. 34-E NM 1M

12. County
Lea

15. Date Spudded 11-11-71 16. Date T.D. Reached 12-9-71 17. Date Compl. (Ready to Prod.) 12-15-71 18. Elevations (DF, RKB, RT, GR, etc.) 4145 GR 19. Elev. Casinghead 4148

20. Total Depth 10,500 21. Plug Back T.D. 10449 22. If Multiple Compl., How Many - 23. Intervals Drilled By Rotary Tools 10,500 Cable Tools _____

24. Producing Interval(s), of this completion - Top, Bottom, Name
10401-10410 - Permo Penn

25. Was Directional Survey Made
No

26. Type Electric and Other Logs Run
Gamma Ray Acoustic

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
12 3/4"		413	17 1/2"	400 SX	
8 5/8"	24 & 32#	4260	11"	250 SX	
5 1/2"	23 & 17#	10499	7 7/8"	760 SX	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

31. Perforation Record (Interval, size and number)
10401-10410 w/10 holes size 3/8"

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
<u>10401-10410</u>	<u>500 gals 15% HCL NE</u>

33. PRODUCTION

Date First Production 12-16-71 Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing Well Status (Prod. or Shut-in) Producing

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas-Oil Ratio
<u>12-17-71</u>	<u>24</u>	<u>19/64</u>	<u>→</u>	<u>575</u>	<u>262.2</u>	<u>-0-</u>	<u>456</u>

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)
<u>630</u>	<u>PKR</u>	<u>→</u>	<u>575</u>	<u>262.2</u>	<u>-0-</u>	<u>41.2</u>

34. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented until connection is made Test Witnessed By F. G. Brown & Joel Lawhorn

35. List of Attachments
Acoustic Velocity Log, C-104, Inclination Report

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 Charles K. Dildon TITLE Controller DATE 12-17-71

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission 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

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____ 1800 _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____ 1972 _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
E. Salt _____ 2743 _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 2855 _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 3010 _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3360 _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 3855 _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 4377 _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____ 5943 _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____ 6225 _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____ 6675 _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____ 7315 _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____ 7540 _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____ 7990 _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____ 9490 _____	T. <u>Bursum 10380</u>	T. Chinle _____	T. _____
T. Penn. _____	T. <u>(Permo Penn Pay)</u>	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
		172	Anhydrite				
		883	Salt				
		155	Yates				
		350	7 Rivers				
		495	Queen				
		522	Grayburg				
		1566	San Andres				
		282	Glorieta				
		450	Paddock				
		640	Blinebry				
		225	Tubb				
		450	Drinkard				
		1500	Abo				
		890	Wolfcamp				

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COUNTY LEA, NEW MEXICO FIELD WILDCAT (FENN) SWD - Sec 32/33
 OPER MIDWEST OIL CORPORATION
 STATE SHELL STATE WELL NO 1
 LOC Sec 32, T-14-S, R-34-E (K)
1980 FSL & IWT of Section

UNIQUE NO 30-025-23391
 MAPS _____ CO-ORD _____
 F R 12-11-69 OBJ 10,700' RT SPUD 12-31-69
 CTR Noble LAKEE CLASS _____ ELEV D F 4447' T/S
 LOGS _____ SPLS _____ GL _____
 TD 10700' FRC _____ ABD LOC _____ F & A 2-8-70
 PAY ZONE _____ PROD INTERVAL _____ IP _____ BO _____ W _____ HRS _____ CHK _____ TEST BASIS _____

PLUGGED & ABANDONED

GOR	GTY	CP	TP	BHP	POT DATE	TREATMENT
CSG 11 3/4 - 400 - 400						
8 5/8 - 4475 - 300						

COUNTY LEA, NEW MEXICO FIELD WILDCAT (FENN)
 WELL MIDWEST OIL SHELL STATE ELEV 4447' T/S-DF
 DATE WELL RECORD REACHED T D SPL LOG MARKERS
 TD 10700' FSA 2-8-70 10700' (2882)
PSI 10490-524 Op 10" Frc failed R/ SA (4436)
6 3/4' gas 180' GCM 90" ISFP/3883 PF (15910)
5054 (9880)
" " (10398)
(2-11-70)

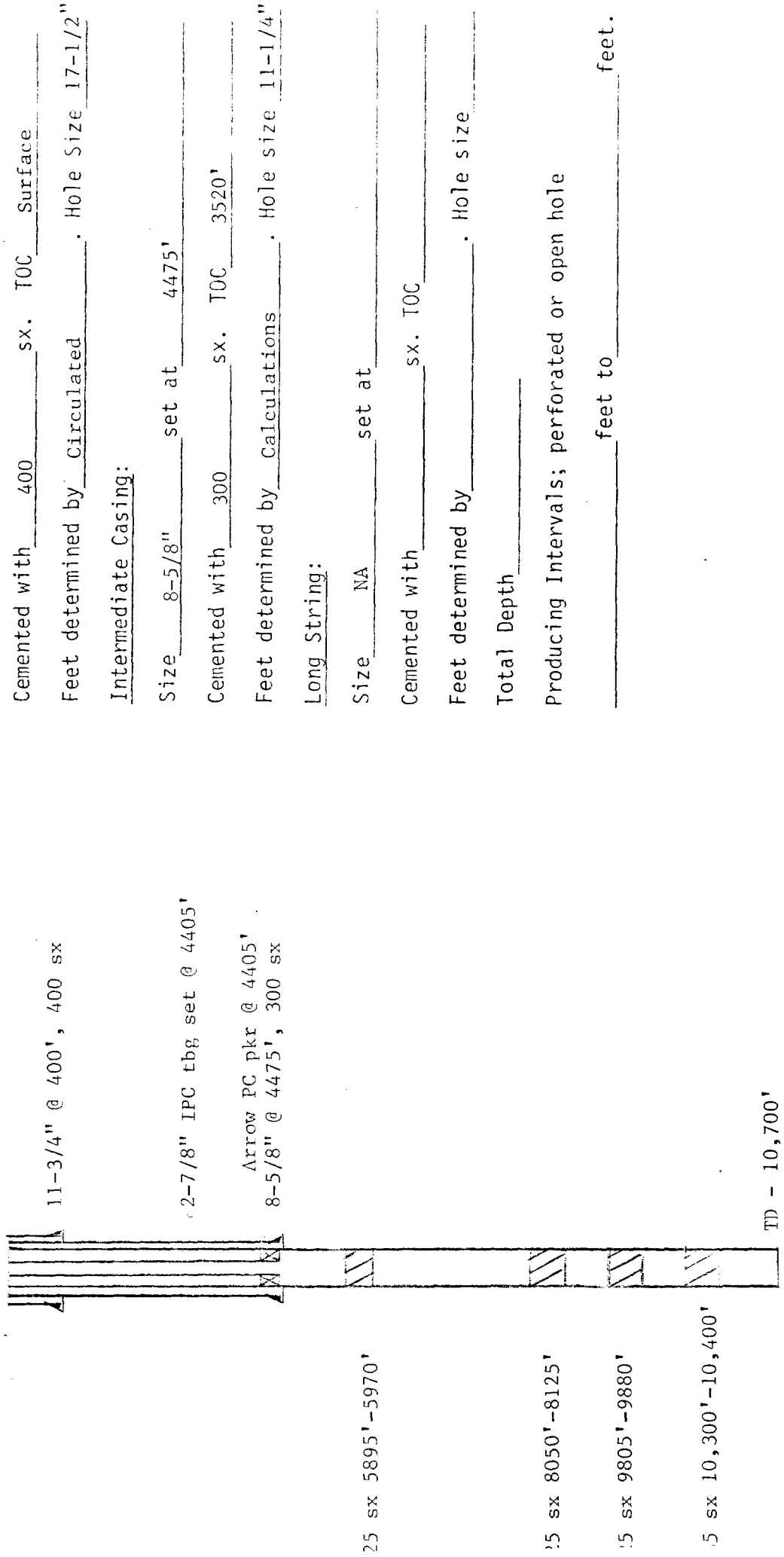
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PLUGGED WELL DATA

(Sage Oil Company - SWD)

Operator Name Midwest Oil Corporation Lease Name Shell State Well No. 1-SWD
 Footage Location 1980' FSL & 1980' FWL Section 32 Township 14-S Range 34-E
 County Lea Date P&A 2-2-70 - Dry Hole

SCHEMATIC



TABULAR DATA

Surface Casing: Size 11-3/4" set at 400'
 Cemented with 400 sx. TOC Surface
 Feet determined by Circulated. Hole Size 17-1/2"
 Intermediate Casing:
 Size 8-5/8" set at 4475'
 Cemented with 300 sx. TOC 3520'
 Feet determined by Calculations. Hole size 11-1/4"
 Long String:
 Size NA set at _____
 Cemented with _____ sx. TOC _____
 Feet determined by _____ . Hole size _____
 Total Depth _____
 Producing Intervals; perforated or open hole _____ feet to _____ feet.

OIL CONSERVATION DIVISION
P. O. BOX 2089
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 12-1-7

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OPERATOR	

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.
N.A.

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 GAS WELL OTHER- Salt Water Disposal

2. Name of Operator
Sage Oil Company

3. Address of Operator
425 Hamilton Building, Wichita Falls, Texas 76301

4. Location of Well
UNIT LETTER K 1980 FEET FROM THE South LINE AND 1980 FEET FROM THE West LINE, SECTION 32 TOWNSHIP 14-S RANGE 34-E N.M.P.M.

7. Unit Agreement Name
-

8. Farm or Lease Name
Shell-State

9. Well No.
1-SWD

10. Field and Pool, or Wildcat
N.A.

11. Elevation (Show whether DF, RT, GR, etc.)
4135' GL

12. County
Lea

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 <u>Re-enter & convert to Salt Water Disposal</u> <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.

- 1) Cleaned out to 5900'
- 2) Displaced hole with formation brine.
- 3) Acidized with 2500 gallons 15% acid.
- 4) Ran Arrow SL-Sure plastic coated packer on 2 7/8" J-55 plastic coated tubing. Set packer at 4405'. Annulus loaded with 2% KCL with Cronox 669-TA Inhibitor.
- 5) Tested packer to 500 psi.

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

SIGNED J. W. Mulloy TITLE Agent DATE 1-10-83

ORIGINAL SIGNED BY

APPROVED BY JERRY SEXTON TITLE _____ DATE JAN 12 1983

CONDITIONS OF APPROVAL DISTRICT SUPER.

NO. COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease
State Fee
5. State Oil & Gas Lease No.
K 678

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- P & A	7. Unit Agreement Name
2. Name of Operator Midwest Oil Corporation	8. Firm or Lease Name Shell State
3. Address of Operator 1500 Wilco Bldg., Midland, Texas 79701	9. Well No. 1
4. Location of Well UNIT LETTER K 1980 FEET FROM THE South LINE AND 1980 FEET FROM West LINE, SECTION 32 TOWNSHIP 14-S RANGE 34-E NMPM.	10. Field and Pool, or Wildcat Wildcat
15. Elevation (Show whether DF, RT, GR, etc.) 4135 Gr.	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"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
OTHER <input type="checkbox"/>	OTHER <input type="checkbox"/>
PLUG AND ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
CHANGE PLANS <input type="checkbox"/>	PLUG AND ABANDONMENT <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.

Verbal Permission Obtained & Well Plugged as Follows:

2-7-70: 10,400 - 10,300 w/35 sax
 9880 - 9805 w/25 sax
 8125 - 8050 w/25 sax
 5970 - 5895 w/25 sax
 4500 - 4425 w/25 sax
 Surface 10 sax

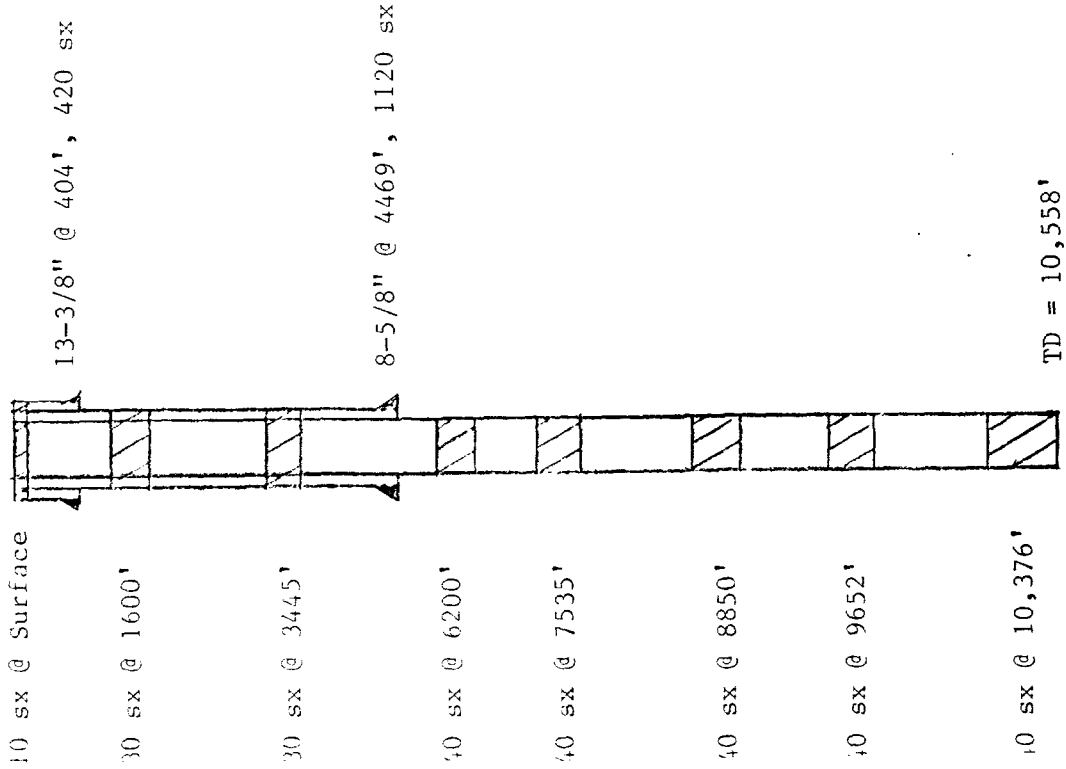
18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED Carolyn Turner TITLE Production Clerk DATE 2-16-70
 APPROVED BY John W. Rungor TITLE Geologist DATE DEC 8 1970
 CONDITIONS OF APPROVAL, IF ANY:

PLUGGED WELL DATA

Operator Name TX0 Lease Name Etcheverry Well No. 1
 Footage Location 660' FNL & 660' FEL Section 6 Township 15-S Range 34-E
 County Lea Date P&A 8-23-91 - Dry Hole

SCHEMATIC



TABULAR DATA

Surface Casing: Size 13-3/8" set at 404'
 Cemented with 420 sx. TOC Surface
 Feet determined by Circulated. Hole Size 17"
Intermediate Casing:
 Size 8-5/8" set at 4469'
 Cemented with 1120 sx. TOC Surface
 Feet determined by Circulated. Hole size 11"
Long String:
 Size Not Run set at _____
 Cemented with _____ sx. TOC _____
 Feet determined by _____ . Hole size _____
 Total Depth _____
 Producing Intervals; perforated or open hole
 NA feet to NA feet.

TD = 10,558'

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FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

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 checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator TXO Production Corp	8. Farm or Lease Name Nancy Etcheverry
3. Address of Operator 900 Wilco Bldg Midland Tx 79701	9. Well No. 1
4. Location of Well UNIT LETTER <u>A</u> <u>660</u> FEET FROM THE <u>north</u> LINE AND <u>660</u> FEET FROM THE <u>east</u> LINE, SECTION <u>6</u> TOWNSHIP <u>15-S</u> RANGE <u>34-E</u> NMPM.	10. Field and Pool, or Wildcat Unds Tres Papalotes
15. Elevation (Show whether DF, RT, GR, etc.) 4135'GR, 4152' 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"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
OTHER <input type="checkbox"/>	OTHER <input type="checkbox"/>
PLUG AND ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
CHANGE PLANS <input type="checkbox"/>	PLUG AND ABANDONMENT <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.

8-1-83 thru 8-20-83 drilling. 8-21-83 TD 7 7/8" hole @ 10,548'. 8-22-83 pulled up 4 1/2" Drill pipe to P&A. Rig released @ 9:00 p.m., 8-22-83: 40 sx "H" @ 10,376; 40 sx "H" @ 9652; 40 sx "H" @ 8850', 40 sx "H" @ 7535', 40 sx "H" @ 6200', 30 sx "H" @ 3445', 30 sx "H" @ 1600' & 10 sx "H" @ surface. Well P&A'd 8-23-83

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

SIGNED Joanna Powell TITLE Engineer Asst. DATE 11-7-83

APPROVED BY Ronald M. [Signature] TITLE OIL & GAS INSPECTOR DATE MAY 29 1984

CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION DIVISION
RECEIVED
'91 DE: 2 AM 10 19

OIL-C DIVISION
SAGE ENERGY COMPANY
P. O. DRAWER 3068
MIDLAND, TEXAS 79702 '91
915/683-5271

NOV 10 19

November 27, 1991

State of New Mexico E, M, & NR Dept.
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87504-2088

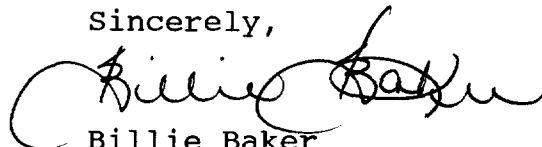
ATTN: Mr. David Catanach

RE: W. Tres Papalotes Penn Unit
Well "31" #2
Sec 31, T-14-S, R-34-E
Lea County, New Mexico
Application for Authorization
to Inject C-108

Dear Mr. Catanach,

Attached is the final requirement needed to complete Sage Energy's C-108 Application for Authorization to Inject for the well listed above. If you have any questions concerning this matter please contact me at (915) 683-5271.

Sincerely,



Billie Baker
Production Clerk

Affidavit of Publication

STATE OF NEW MEXICO)
) ss.
COUNTY OF LEA)

Joyce Clemens being first duly sworn on oath deposes and says that he is Adv. Director of THE LOVINGTON DAILY LEADER, a daily newspaper of general paid circulation published in the English language at Lovington, Lea County, New Mexico; that said newspaper has been so published in such county continuously and uninterruptedly for a period in excess of Twenty-six (26) consecutive weeks next prior to the first publication of the notice hereto attached as hereinafter shown; and that said newspaper is in all things duly qualified to publish legal notices within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico.

That the notice which is hereto attached, entitled
Legal Notice

and numbered in the
..... Court of Lea
County, New Mexico, was published in a regular and
entire issue of THE LOVINGTON DAILY LEADER and
not in any supplement thereof, once each week on the
same day of the week, for two (2)

consecutive weeks, beginning with the issue of
November 12, 1991

and ending with the issue of
November 19, 1991

And that the cost of publishing said notice is the
sum of \$ 17.17

which sum has been (Paid) (~~Assested~~) as Court Costs

Joyce Clemens
Subscribed and sworn to before me this 19th

day of November, 1991



Mrs. Jean Serrier
Notary Public, Lea County, New Mexico

My Commission Expires Sept. 28, 1994

LEASE NOTICE
SAGE Energy Company, P.O. Box 2000, Midland, Texas 79701, has applied to convert the 10,385' to 10,398' FSL. The well is located 1000' FSL. 400' FEET S. of T-14-S, R-1-E, Lea County, New Mexico. A water irrigation well in a water flood. The operator intends to pump and fresh water into the Tree Rapids (West) Fann. at a depth from 10,385' to 10,398' at the approximate rate of 600 BWPD at 2000 psi. Interested parties must file objections on or request a hearing with the Oil Commission Commission, P.O. Box 1490, Santa Fe, New Mexico 87504, within 15 days of notice date.
SAGE ENERGY COMPANY
Jay Hardy
Vice-President
of Engineering
Published in the Lovington Daily Leader November 12 and 19, 1991.

Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. Show to whom delivered, date, and addressee's address. 2. Restricted Delivery.

3. Article Addressed to: John Etcheverry, Jr. P. O. Box 1656 Lovington, NM 88260	4. Article Number P248625616
	Type of Service: <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail
	Always obtain signature of addressee or agent and DATE DELIVERED.
5. Signature — Addressee X 	8. Addressee's Address (ONLY if requested and fee paid)
6. Signature — Agent X 	
7. Date of Delivery 11-15-91	

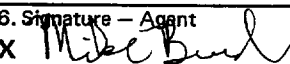
PS Form 3811, Feb. 1986

DOMESTIC RETURN RECEIPT

● **SENDER:** Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. Show to whom delivered, date, and addressee's address. 2. Restricted Delivery.

3. Article Addressed to: Yates Petroleum 105 S. 4th Street Artesia, NM 88210	4. Article Number P 248625614
	Type of Service: <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail
	Always obtain signature of addressee or agent and DATE DELIVERED.
5. Signature — Addressee X	8. Addressee's Address (ONLY if requested and fee paid)
6. Signature — Agent X 	
7. Date of Delivery 11-15-91	

PS Form 3811, Feb. 1986

DOMESTIC RETURN RECEIPT

Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. Show to whom delivered, date, and addressee's address. 2. Restricted Delivery.

3. Article Addressed to: Fina #6 Destra Drive Suite #4400 Midland, TX 79705	4. Article Number P248625615
	Type of Service: <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail
Always obtain signature of addressee or agent and DATE DELIVERED.	
5. Signature - Addressee X <i>[Signature]</i>	8. Addressee's Address (ONLY if requested and fee paid)
6. Signature - Agent X	
7. Date of Delivery 11-15-91	

PS Form 3811, Feb. 1986

DOMESTIC RETURN RECEIPT

● **SENDER:** Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. Show to whom delivered, date, and addressee's address. 2. Restricted Delivery.

3. Article Addressed to: Columbia Gas Development P. O. Box 1350 Houston, TX 77251-1350	4. Article Number P248625619
	Type of Service: <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail
Always obtain signature of addressee or agent and DATE DELIVERED.	
5. Signature - Addressee X	8. Addressee's Address (ONLY if requested and fee paid)
6. Signature - Agent X <i>[Signature]</i>	
7. Date of Delivery NOV 12 1991	

PS Form 3811, Feb. 1986

DOMESTIC RETURN RECEIPT



STATE OF NEW MEXICO

CONSERVATION ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

RECEIVED

OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

'91 NOV 21 AM 9 22

11-18-91

BRUCE KING
GOVERNOR

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 393-6161

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

RE: Proposed:

- MC _____
- DHC _____
- NSL _____
- NSP _____
- SWD _____
- WFX _____
- PMX _____

Gentlemen:

I have examined the application for the:

Sage Energy Co. West Area Papalote Penn Unit # 31 #2-I 31-14-34
 Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

OK

Yours very truly,

Jerry Sexton
Supervisor, District 1

/ed