



COMPANY Merit Energy Co		PROPERTY NAME Burton Flat		WELL NO. 1
DATE	LOCATION (ULSTR) UTJ 1-215-27E	FOOTAGE 2950 FN 1700 FEL		
API NO. 30-015-24960		POOL Avalon-Bone Spring		

1. Spot a 755x plug e 5620. WOC + tag
2. Spot a 255x plug e 2500' tag
3. Spot a 255x plug e 715' tag
4. Spot a 105x surface plug

5. Set P+ A marker, cut anchors  
clean + level location

6. Spot mud between plugs e  
25/16 per bbl of Brown Water

#### CASING RECORD:

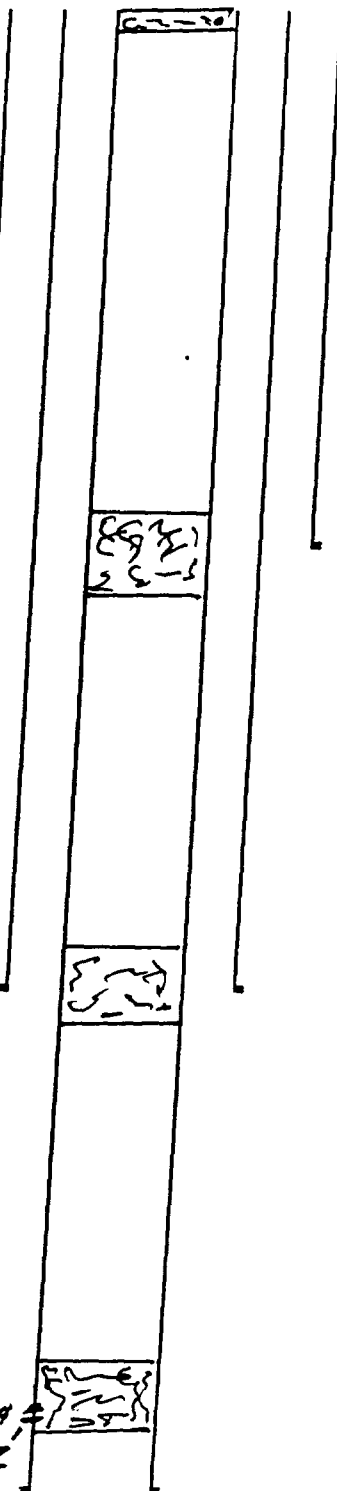
13 3/8 e 665' 17 1/2 hole 6505x circ  
8 5/8 e 2552 12 1/4 hole 15005x circ  
5 1/2 e 5722 7 7/8 hole 12505x circ  
Perfs e 5604

After

13 3/8  
665'  
C

8 5/8 C  
2252 C

Perfs 5604  
5 1/2 e 5722  
C



STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION  
ARTESIA DISTRICT OFFICE

GARY E. JOHNSON  
GOVERNOR

JENNIFER SALISBURY  
CABINET SECRETARY

June 12, 1997

Merit Energy Co.  
12222 Merit Dr, Ste 1500  
Dallas TX 75251

Re: Properly Abandoned Wells, Merit Energy, Burton Flat #1, 2 & 3  
in Sec 1-T21-R27E, Eddy County, New Mexico

Dear Sirs

The state of New Mexico is in the process at this time of reviewing leases and determining the number of abandoned wells.

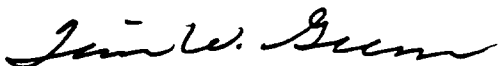
Rule 201 A. states the operator of any well drilled for oil, gas or injection, for seismic, core or other exploration, or for a service well, whether cased or uncased, shall be responsible for the plugging thereof.

Rule 201 B. states a well shall be either properly plugged and abandoned or temporarily abandoned in accordance with these rules with 90 days after (1) a 60 day period following suspension of drilling. (2) a determination that the well is no longer usable for beneficial purposes. (3) a period of 1 year in which a well has been continuously inactive.

House Bill 65 has been passed by the legislature and provides some tax incentives for wells put back in production. However, if there are no plans to put these wells back in service then they need to be either plugged or properly temporarily abandoned.

Our records show no production reported on the above mentioned wells for 1994, 1995, 1996 and 1997. Please forward to the NMOCDD office in Artesia by July 15, 1997 a plan to bring the wells into compliance with rule 201.

Yours Truly



Tim W. Gum  
District II Supervisor

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ILE	
S.G.S.	
AND OFFICE	
TRANSPORTER	OIL
	GAS
PERATOR	
ORATION OFFICE	

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 1-1-85

The Superior Oil Company	
Nine Greenway Plaza, Suite 2700, Houston, Texas 77046	
Reason(s) for filing (Check proper box)	Other (Please explain)
New Well <input checked="" type="checkbox"/>	
Recompletion <input type="checkbox"/>	
Change in Ownership <input type="checkbox"/>	
Change in Transporter of: Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/> Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>	

Change of ownership give name and address of previous owner:

DESCRIPTION OF WELL AND LEASE

Well Name	Well No.	Pool Name, including Formation	Kind of Lease	Lease No.
Burton Flat	1	Avalon-Bone Spring, East	State, Federal or Fee Fee	
Location	Unit Letter J	2950 Feet From The N Line and 1700 Feet From The E		
Line of Section 1	Township 21S	Range 27E	NMPM, Eddy	County

DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)	
The Permian Corporation Permian (Eff. 9/1/87)	Box 1183, Houston, TX 77001	
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)	
Phillips Petroleum Co.	Phillips Bldg, Bartlesville, OK 74004	
Does well produce oil or liquids, give location of tanks.	Unit	Sec.
	0	1
	21	27
Is gas actually connected?	When	
YES	10-1-85	

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

COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
	X		X					
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.					
7-24-85	9-26-85	5722	5680					
Deviation (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth					
KB - 3204	Bone Spring	5604	SN @ 5620					
Perforations			Depth Casing Shoe					
5604-5622								

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	BACKS CEMENT
17 1/2	13 3/8	665	650
12 1/4	8 5/8	2552	1500
7 7/8	5 1/2	5722	1250
	2 7/8	SN @ 5620	

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	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
9-26-85	10-1-85	pumping	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
24 hrs.			
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF
	10	6	125

602 12500'

AS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MCF	Gravity of Condensate
			43.5 @ 60°
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

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.

*Nancy Lewis*

MOORE PRODUCING TX. & N.M. (Signature)  
IS AGENT FOR THE SUPERIOR OIL COMPANY

(Title)  
10-11-85  
(Date)

OIL CONSERVATION COMMISSION

APPROVED OCT 17 1985, 19

BY Original Signed By  
Les A. Clementis

TITLE Supervisor-District II

This form is to be filed in compliance with RULE 1106.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply

Submitt 5 Copies  
Appropriate District Office  
DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

**OIL CONSERVATION DIVISION**  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

REQUEST FOR ALLOWABLE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

I.

Operator BRIDGE OIL COMPANY, L. P. ✓	Well API No.
Address 12377 Merit Drive, Ste. 1600, Dallas, Texas 75251	
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)	
New Well <input type="checkbox"/>	Change in Transporter of: <input type="checkbox"/> Effective 01/01/90
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>
Change in Operator <input checked="" type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>
If change of operator give name and address of previous operator Petrus Oil Company, L. P., 12377 Merit Drive, Ste. 1600, Dallas, TX 75251	

II. DESCRIPTION OF WELL AND LEASE

Lease Name burton Flat	Well No. 1818	Pool Name, including Formation Havdon-Bone Spring	Kind of Lease State, Federal or Fee <input checked="" type="radio"/>	Lease No.
Location				
Unit Letter J	2950	Feet From The N	Line and 1700	Feet From The E
Section 1	Township 21 S	Range 27 E	NMPM, Eddy	County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS TAID

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)			
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 10	Sec. 1	Twp. 21 S	Rge. 27 E
Is gas actually connected?	Yes		When?	10-01-85
If this production is commingled with that from any other lease or pool, give commingling order number:				

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.			
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth			
Perforations					Depth Casing Shoe			
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			

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 Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas- MCF

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. OPERATOR 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 above is true and complete to the best of my knowledge and belief.

Dora McGough

Signature

Dora McGough

Printed Name

January 8, 1990

Date

Regulatory Analyst

Title

214/788-3300

Telephone No.

OIL CONSERVATION DIVISION

Date Approved FEB 16 1990

By ORIGINAL SIGNED BY MIKE WILLIAMS

Title SUPERVISOR, DISTRICT II

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.

2) All sections of this form must be filled out for allowable on new and recompleted wells.

3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.

4) Separate Form C-104 must be filed for each pool in multiply completed wells.

Submittal 5 Copies  
Appropriate District Office  
DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

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Form C-104  
Revised 1-1-89  
See Instructions  
at Bottom of Page

NOV 2 1990

REQUEST FOR ALLOWABLE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

O. C. D.  
ARTESIA OFFICE

Operator Merit Energy Company		Well API No.
Address 12221 Merit Drive, Suite 1040, Dallas, Texas 75251		
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)		
New Well <input type="checkbox"/>	Change in Transporter of: <input type="checkbox"/> Dry Gas <input type="checkbox"/>	
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/>	EFFECTIVE 11/01/90
Change in Operator <input checked="" type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>	
If change of operator give name and address of previous operator Bridge Oil Company, L. P., 12377 Merit Dr., Suite 1600, Dallas, TX 75251		

II. DESCRIPTION OF WELL AND LEASE

Lease Name Burton Flat	Well No. 1	Pool Name, Including Formation East Avalon - Bone Spring	Kind of Lease State, Federal or <u>Fee</u>	Lease No.
Location Unit Letter <u>J</u> : <u>2950</u> Feet From The <u>N</u> Line and <u>1700</u> Feet From The <u>E</u> Line Section <u>1</u> Township <u>21S</u> Range <u>27E</u> , <u>NMPM</u> , <u>Eddy</u> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

TA'd

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)					
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 <u>0</u>	Sec. <u>1</u>	Twp. <u>21S</u>	Rge. <u>21E</u>	Is gas actually connected? Yes	When? <u>10-01-85</u>

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

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded	Date Compl. Ready to Prod.		Total Depth			P.B.T.D.		
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay			Tubing Depth		
Perforations						Depth Casing Shoe		
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET			SACKS CEMENT		

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 Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size <u>//</u>
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas- MCF

GAS WELL

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

VI. OPERATOR 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 above is true and complete to the best of my knowledge and belief.

Bonnie C. Shea  
Signature  
Bonnie C. Shea V.P. Finance  
Printed Name  
11-1-90 (214) 701-8377  
Date Telephone No.

OIL CONSERVATION DIVISION

Date Approved NOV 7 1990

By ORIGINAL SIGNED BY

MIKE WILLIAMS

Title SUPERVISOR, DISTRICT II

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

158

RECEIVED

STATE OF NEW MEXICO  
ENERGY and MINERALS DEPARTMENT

OIL CONSERVATION DIVISION  
P.O. Box 2088  
Santa Fe, New Mexico 87501

Form C-103  
Revised 10-1-78

STATE OF NEW MEXICO

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 Gas  
Well ☒ Well Other-  
2. Name of Operator  
MOBIL PRODUCING TX & NM INC.  
3. Address of Operator  
9 GREENWAY PLAZA, STE 2700, HOUSTON, TX 77046  
4. Location of Well  
Unit Letter J , 2950 Feet from the NORTH Line and 1700 Feet from  
the EAST Line. Section 1 Township 21-S Range 27-E NMPL  
13. Elevation (show whether DF, RT, GR, etc)  
GL-3190  
7. Unit Agreement Name  
8. Farm or Lease Name  
BURTON FLAT  
9. Well No.  
1  
10. Field and Pool or Wildcat  
AVALON-BONE SPRING, EAST  
12. County  
KDDY

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 ☐ Commence Drilling Opns. ☐ Plug and Abandonment ☐  
Pull or Alter Casing ☐ Change Plans ☐ Casing Test and Cement Job ☐  
Other: Other: TEMPORARY ABANDONMENT

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 103.

WELL WAS SHUT-IN ON 1-1-87; UNECONOMICAL TO PRODUCE.

REQUEST AUTHORITY TO RETAIN WELL AS TEMPORARILY ABANDONED.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.  
MOBIL EXPLORATION & PRODUCING U.S. INC.  
SIGNED Nancy Lewis TITLE AS AGENT FOR MOBIL PRODUCING TX & NM INC. DATE 5-9-88

APPROVED BY Mike Williams TITLE Oil & Gas Inspector DATE MAY 12 1988  
Conditions of Approval, If any:

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103  
Revised 10-1-78

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SANTA FE	<input checked="" type="checkbox"/>
ALBUQUERQUE	<input checked="" type="checkbox"/>
LAND OFFICE	<input checked="" type="checkbox"/>
OPERATOR	<input checked="" type="checkbox"/>

RECEIVED BY  
MAY 17 1987

6a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.	
NA	

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 <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	OTHER <input type="checkbox"/>
Name of Operator		
Mobil Producing TX & NM Inc.		
Address of Operator		
9 Greenway Plaza, Suite 2700, Houston, TX 77046		
Location of Well		
UNIT LETTER J, 2950 FEET FROM THE N LINE AND 1700 FEET FROM THE E LINE, SECTION 1 TOWNSHIP 21S RANGE 27E		

7. Unit Agreement Name
8. Farm or Lease Name
Burton Flat
9. Well No.
1
10. Field and Pool, or Wildcat
Avalon-Bone Spring, East
11. Elevation (Show whether DF, RT, GR, etc.)
3190 GL
12. County
Eddy

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 OPER. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
ALL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	OTHER <input checked="" type="checkbox"/> Temporarily abandon

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.

This well was shut-in 1-1-87; uneconomical to produce.

Request authority to retain this well in a temporarily abandon status.

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

By Gladys M. Sultana TITLE Authorized Agent DATE 4-24-87  
Original Signed By  
Les A. Clements  
Supervisor District 44  
DATE MAY 1 1987



STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

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	GAS	
OPERATOR		
PRODUCTION OFFICE		

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

Form C-104  
Revised 10-01-78  
Format 08-01-83  
Page 1

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I. Operator  
Mobil Producing TX & NM Inc.

Address  
9 Greenway Plaza, Suite 2700, Houston, TX 77046

Reason(s) for filing (Check proper box)

<input type="checkbox"/> New Well	Change in Transporter of:	Other (Please explain) Change Operator Name from The Superior Oil Company
<input type="checkbox"/> Recompletion	<input type="checkbox"/> Oil	
<input checked="" type="checkbox"/> Change in Ownership	<input type="checkbox"/> Casinghead Gas	

APR 1 1986

If change of ownership give name and address of previous owner The Superior Oil Company, 9 Greenway Plaza, Ste 2700, Houston, TX 77046

II. DESCRIPTION OF WELL AND LEASE

Lease Name Burton Flat	Well No. 1	Pool Name, including Formation Avalon-Bone Spring, East	Kind of Lease State, Federal or Fee	Lease Fee
Location				
Unit Letter J	2950	Feet From The N	Line and 1700	Feet From The E
Line of Section 1	Township 21S	Range 27E	NMPM, Eddy Com	

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> The Permian Corporation	Address (Give address to which approved copy of this form is to be sent) Box 1183, Houston, TX 77001
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> Phillips Petroleum Corp.	Address (Give address to which approved copy of this form is to be sent) Frank Phillips Bldg, Bartlesville, OK 74004
If well produces oil or liquids, give location of tanks.	Unit : 0 Sec. : 1 Twp. : 21 Rge. : 27
Is gas actually connected?	When : 10/1/85

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.

*Nancy Lewis*  
(Signature)

Authorized Agent

3-14-86  
(Date)

OIL CONSERVATION DIVISION  
MAR 19 1986

APPROVED \_\_\_\_\_, 19\_\_\_\_  
Original Signed By  
BY Les A. Clements  
TITLE Supervisor District II

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deeper well, this form must be accompanied by a tabulation of the deviator tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for all able on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of own well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multi-completed wells.

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

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

Form C-104  
Revised 10-01-79  
Format 06-01-83  
Page 1

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TRANSPORTER	OIL
	GAS
OPERATOR	
PROBATION OFFICE	

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I. Operator  
Petrus Oil Company, L. P.

Address  
12377 Merit Drive, Suite 1600 Dallas, Texas 75251

Reason(s) for filing (Check proper box) Other (Please explain)

☐ New Well ☐ Change in Transporter of: ☐ Oil ☐ Dry Gas

☐ Recompletion ☐ Casinghead Gas ☐ Condensate

☒ Change in Ownership

EFFECTIVE 06-01-88.

If change of ownership give name and address of previous owner Mobil Producing TX & NM Inc., 9 Greenway Plaza, Suite 2700 Houston, Texas 77046

II. DESCRIPTION OF WELL AND LEASE

Lease Name BURTON FLAT	Well No. 1	Pool Name, including Formation AVALON-BONE SPRING, <del>1ST</del>	Kind of Lease State, Federal or Fee Fee	Lease N
Location Unit Letter J : 2950 Feet From The N Line and 1700 Feet From The E				
Line of Section 1	Township 21 S	Range 27 E	NMPM, Eddy	Count

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
The Permian Corp.	P. O. Box 1183, Houston, TX 77001
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Phillips 66 Natural Gas Co.	P. O. Box 2105, Hobbs, NM 88240
If well produces oil or liquids, give location of tanks.	Is gas actually connected? when
0 1 21 S 27 E	Yes 10-01-85

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.

Suzann Welch Suzann Welch  
(Signature)  
Regulatory Coordinator  
(Title)  
07-14-88  
(Date)

OIL CONSERVATION DIVISION

APPROVED JUL 27 1988  
BY Original Signed By  
Mike Williams  
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.  
Separate Forms C-104 must be filed for each pool in multiphase completed wells.

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

## OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NO. OF COPIES RECEIVED		DISTRIBUTION		SANTA FE		FILE		U.S.O.S.		LAND OFFICE		OPERATOR	
TYPE OF WELL												5a. Indicate Type of Lease	
OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>												State <input type="checkbox"/> Fee <input checked="" type="checkbox"/>	
TYPE OF COMPLETION												5. State Oil & Gas Lease No.	
NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>												7. Unit Agreement Name	
Name of Operator												8. Farm or Lease Name	
The Superior Oil Company												Burton Flat	
Address of Operator												9. Well No.	
Nine Greenway Plaza, Suite 2700, Houston, Texas 77046												1	
Location of Well												10. Field and Pool, or Wildcat	
Avalon-Bone Spring, Eas													
BY LETTER J LOCATED 2950 FEET FROM THE N LINE AND 1700 FEET FROM E LINE OF SEC. 1 TWP. 21S RGE. 27E NMPM												12. County	
												Eddy	
Date Spudded		16. Date T.D. Reached		17. Date Compl. (Ready to Prod.)		18. Elevations (DF, RKB, RT, GR, etc.)		19. Elev. Casinghead					
7-24-85		8-7-85		9-26-85		KB 3204 GL - 3190		3190					
Total Depth		21. Plug Back T.D.		22. If Multiple Compl., How Many		23. Intervals Drilled By		Rotary Tools					
5722		5680				X		Cable Tools					
Producing Interval(s), of this completion - Top, Bottom, Name												25. Was Directional Survey Made	
5604-5622 Bone Springs												NO	
Type Electric and Other Logs Run												27. Was Well Cored	
CNL-LDT-GR-CAL, DLL-RXO-GR, Sonic												NO	
CASING RECORD (Report all strings set in well)													
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED			
3 3/8		54.5#		665		17 1/2		650 x CLC (858 CF)		Circ			
3 5/8		24#		2552		12 1/2		1500 x CLC (1980 CF)		Circ			
5 1/2		15.5#		5722		7 7/8		800 x lite (1448 CF)		Circ			
								+ 450 x CLC (594 CF)					
LINER RECORD													
SIZE		TOP		BOTTOM		SACKS CEMENT		SCREEN		30. TUBING RECORD			
										SIZE			
										DEPTH SET			
										PACKER SET			
										2 7/8			
										SN @ 5620			
										TAC @ 5557			
Perforation Record (Interval, size and number)													
Perf w/4 JSPF 5604-5622 (73 holes)													
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.													
DEPTH INTERVAL													
5604-5622													
AMOUNT AND KIND MATERIAL USED													
Spot 200 gal 15% Di NeFe HCL													
SWF w/4200 gal YF-4 + 10878 gal													
2% KCL w/YF-4 fluid w/4200 gal													
CO2 w/24000# 20/40 Brady Sd.													
PRODUCTION													
First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)						Well Status (Prod. or Shut-in)					
9-26-85		1 1/2 x 2 x 24 Pump						Producing					
Date of Test		Hours Tested		Choke Size		Prod'n. For Test Period		Oil - Bbl.					
10-1-85		24						10					
Tubing Press.		Casing Pressure		Calculated 24-Hour Rate		Oil - Bbl.		Gas - MCF					
								Water - Bbl.					
								Oil Gravity - API (Corr.)					
								43.5 @ 60					
Disposition of Gas (Sold, used for fuel, vented, etc.)												Test Witnessed By	
Sold												T. J. Auld	
List of Attachments													
C-104, Inclination Survey, Logs													
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.													
MOBIL PRODUCING TX. & N.M., INC. AS AGENT FOR THE SUPERIOR OIL COMPANY													
GNED <u>Nancy Lewis</u> TITLE <u>10-11-85</u> DATE													

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

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

#### Southeastern New Mexico

#### Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirland-Fruitland _____	T. Penn. "C" _____
T. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand <u>2711</u>	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs <u>5507</u>	T. Wingate _____	T. _____
T. Wolfcamp _____	T. Capitan Reef <u>1485</u>	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

#### OIL OR GAS SANDS OR ZONES

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

#### IMPORTANT WATER SANDS

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

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ feet \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ feet \_\_\_\_\_  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_ feet \_\_\_\_\_  
 No. 4, from \_\_\_\_\_ to \_\_\_\_\_ feet \_\_\_\_\_

#### FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
1485	2711	1226	Limestone				
2711	5507	2796	Mostly Sands, some Limestone				
5507	5722	215	Limestone, thin sands				

RECEIVED

OCT 15 1985

C.C.D.  
HOES OFFICE

## INCLINATION REPORT

ATTN: PRODUCTION ACCOUNT SUPERVISOR, NANCY LEWIS

OPERATOR: Mobil Producing Texas and New Mexico  
 Nine Greenway Plaza, Suite 2700, Houston, Texas 77046

LEASE NAME Burton Fstat No. 1

COUNTY, STATE: Eddy County, Texas

RECORD OF INCLINATION					
*Measured Depth (Feet)	Course Length (Hundreds of Feet)	*Angle of Inclination (Degrees)	Displacement per 100' (Sine of Angle X100)	Course Displacement (Feet)	Accumulative Displacement (Feet)
465	465	1/2	.87	4.04	4.04
665	200	1 1/4	2.18	4.36	8.40
924	259	1	1.75	4.53	12.93
1340	416	1 1/4	2.18	9.06	21.99
1855	515	3/4	1.31	6.74	28.73
2073	218	1	1.75	3.81	32.54
2330	257	1	1.75	4.49	37.03
2391	61	1 1/4	2.18	1.32	38.35
2550	159	1 1/4	2.18	3.46	41.81
3023	473	1/2	.87	4.11	45.92
3498	475	1/2	.87	4.13	50.05
3992	494	3/4	1.31	6.47	56.52
4489	497	3/4	1.31	6.51	63.03
4829	340	3/4	1.31	4.45	67.48
5314	485	1 1/2	1.75	8.48	75.96
5722	408	2	3.49	14.23	90.19

Is any information shown on the reverse side of this form? no

Accumulative total displacement of well bore at total depth of 5722 feet = 90.19 feet.

I declare 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.

Gloria Tellez Signature of authorized representative.  
 Gloria Tellez, Drilling Secretary

Hillin Drilling Company  
 915/563-3560

Sworn to and subscribed before me this 13th day of August, 1985.

BEVERLY HAWKINS  
 Notary Public, State of Texas  
 My Commission Expires 4/25/89

Beverly Hawkins  
 Notary Public in and for  
 the County of Ector, Texas.  
 My commission expires 4/25/89

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FILE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
U.S.O.S.		
LAND OFFICE		
OPERATOR	<input checked="" type="checkbox"/>	

## OIL CONSERVATION DIVISION

P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501Form C-103  
Revised 10-1-75SUNDRY 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 The Superior Oil Company		5. State Oil & Gas Lease No.
Address of Operator 9 Greenway Plaza - Suite 2700 - Houston, TX 77046		7. Unit Agreement Name
Location of Well UNIT LETTER <u>J</u> <u>2950</u> FEET FROM THE <u>North</u> LINE AND <u>1700</u> FEET FROM <u>East</u> LINE, SECTION <u>1</u> TOWNSHIP <u>21S</u> RANGE <u>27E</u> NMPM.		8. Farm or Lease Name Burton Flat
15. Elevation (Show whether DF, RT, CR, etc.) 3190		9. Well No. 1
12. County Eddy		10. Field and Pool, or Whicof Avalon-Bone Springs, East

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

## NOTICE OF INTENTION TO:

REMEDIAL WORK	<input type="checkbox"/>	PLUG AND ABANDON	<input type="checkbox"/>
GRABILY ABANDON	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
OR ALTER CASING	<input type="checkbox"/>	OTHER	<input type="checkbox"/>

## SUBSEQUENT REPORT OF:

REMEDIAL WORK	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
COMMENCE DRILLING OPNS.	<input type="checkbox"/>	PLUG AND ABANDONMENT	<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 1703.

8-2/6-85 Drlg. 7-7/8" hole.

8-7-85 TD, logging.

8-8-85 RIH w/147 jts 5-1/2" 15.5# K55 LT&C csg, cnt on btm @ 5722 w/800sx  
(1448 cu. ft.) TLW + 450sx (594 cu. ft.) Class C, circ, EWO 34%,  
Rel Hillin Drlg. Rig #3.

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

Nancy Lewis  
Original Signed By  
Les A. ClementsMOBIL PRODUCING TX. & N.M., INC.  
AS AGENT FOR THE SUPERIOR OIL COMPANY

DATE 8-20-85

BY \_\_\_\_\_  
Supervisor District II

TITLE \_\_\_\_\_

DATE AUG 26 1985

IONS OF APPROVAL, IF ANY:

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U.S.O.S.	
LAND OFFICE	
OPERATOR	<input checked="" type="checkbox"/>

# OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103  
Revised 10-1-73

\*Corrected Report

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
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.

OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	OTHER <input type="checkbox"/>
Name of Operator The Superior Oil Company *		
Address of Operator 9 Greenway Plaza, Suite 2700, Houston, Texas 77046		
Location of Well UNIT LETTER <u>J</u> <u>2950</u> FEET FROM THE <u>North</u> LINE AND <u>1700</u> FEET FROM <u>East</u> LINE, SECTION <u>1</u> TOWNSHIP <u>21-S</u> RANGE <u>27-E</u> NMPM.		

7. Unit Agreement Name
8. Farm or Lease Name Burton Flat
9. Well No. 1
10. Field and Pool, or Wellcat Avalon-Bone Spring, East
12. County Eddy

15. Elevation (Show whether DF, RT, GR, etc.)  
3190 GR

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

FORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PERMANENTLY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPER. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
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 1702.

7-29/30-85 Drlg 12¼" hole.

7-31-85 TD 12¼" hole, RIH w/65 jts 8-5/8" 24# K55 ST&C csg w/5 centl, cmt on btm @ 2552' w/1200 x Lite C + 300 x Class C (1980 cu. ft.), circ, test 1000#, OK.\*

8-01-85 WOC 20-3/4 hrs, Drlg new form.

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

*Nancy Lewis* TITLE \_\_\_\_\_ DATE 8-21-85  
Original Signed By  
Les A. Clements  
Supervisor District 11 TITLE \_\_\_\_\_ DATE AUG 26 1985

## OIL CONSERVATION DIVISION

Form C-103  
Revised 10-1-73

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SANTA FE	<input checked="" type="checkbox"/>
FILE	<input checked="" type="checkbox"/>
U.S.O.B.	<input checked="" type="checkbox"/>
LAND OFFICE	<input checked="" type="checkbox"/>
OPERATOR	<input checked="" type="checkbox"/>

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

AUG 09 1985

O. C. D.

\*CORRECTED REPORT

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
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.OIL WELL ☒ GAS WELL ☐ OTHER ☐

Name of Operator

The Superior Oil Company

Address of Operator

Greenway Plaza, Suite 2700 Houston, TX 77046

Location of Well

UNIT LETTER J 2950 FEET FROM THE North LINE AND 1700 FEET FROMTHE East LINE, SECTION 1 TOWNSHIP 21S RANGE 27E NMPM.

7. Unit Agreement Name

8. Farm or Lease Name

Burton Flat

9. Well No.

1

10. Field and Pool, or Willacat

Avalon-Bone Springs, East

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

3190 GR

12. County

Eddy

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

## NOTICE OF INTENTION TO:

FORM REMEDIAL WORK ☐TEMPORARILY ABANDON ☐OR ALTER CASING ☐OTHER ☐PLUG AND ABANDON ☐CHANGE PLANS ☐OTHER ☐

## SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐COMMENCE DRILLING OPNS. ☒CASING TEST AND CEMENT JOB ☐OTHER ☐ALTERING CASING ☐PLUG AND ABANDONMENT ☐

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.

7-24-85 MIRU Hillin Drlg Co Rig #3, Spud.

7-25-85 TD 17½" hole @ 665, RIHW w/15 jts 13 3/8

54.5# K-55 ST&amp;C csg w/5 centl, cmt

on btm @ 665 w/650X class C, circ. (858 cu. ft.), Test csg 3000#, OK, WOC 25 hrs.\*

7-26/28-85 Drlg 12½ hole

RE ED

AUG 11 1985

G. E. TATE

I hereby certify that the information above is true and complete to the best of my knowledge and belief.  
WITNESSED FOR THE SUPERIOR OIL COMPANY

TITLE

DATE 08-02-85

Original Signed By

Les A. Clements

TITLE

DATE AUG 26 1985

SIGNATURES OF APPROVAL, IF ANY:

Supervisor District II



NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	<input checked="" type="checkbox"/>
FILE	<input checked="" type="checkbox"/>
U.S.G.S.	<input type="checkbox"/>
LAND OFFICE	<input type="checkbox"/>
OPERATOR	<input type="checkbox"/>

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

3. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name
4. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Burton Flat
5. Name of Operator Superior Oil Company, The <i>Amended Inc.</i>		9. Well No. 1
6. Address of Operator P. O. Box 633, Midland, Texas 79702		10. Field and Pool, or Wildcat Avalon-Bone Spring, E
11. Location of Well UNIT LETTER <u>J</u> LOCATED <u>2950</u> FEET FROM THE <u>North</u> LINE <u>1700</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>1</u> TWP. <u>21S</u> RGE. <u>27E</u> NMPM		12. County Eddy
13. Proposed Depth 5800		14. Formation Bone Spring
15. Rotary or C.T. Rotary		16. Approx. Date Work will start 2nd Qtr. 1985
17. Elevation (Show whether D.F., H.T., etc.) 3190' GR		18. Kind & Status Plug. bond Active Blanket
19. Drilling Contractor Undesignated		20. Approx. Date Work will start 2nd Qtr. 1985

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	13-3/8"	54.5#	650	675	Surface
11"	8-5/8"	24#	2450 - 2500	720	Surface
7-7/8"	5-1/2"	15.5#	6,000	690	2400'

BOP Sketch Attached

BELOW SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

*G. E. Tate* Title E&R Mgr. as Agent for Superior Date 5/23/85  
Oil Company, The

(This space for State Use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ Original Signed By Les A. Clements DATE JUN 04 1985  
Supervisor District 11

CONDITIONS OF APPROVAL, IF ANY:

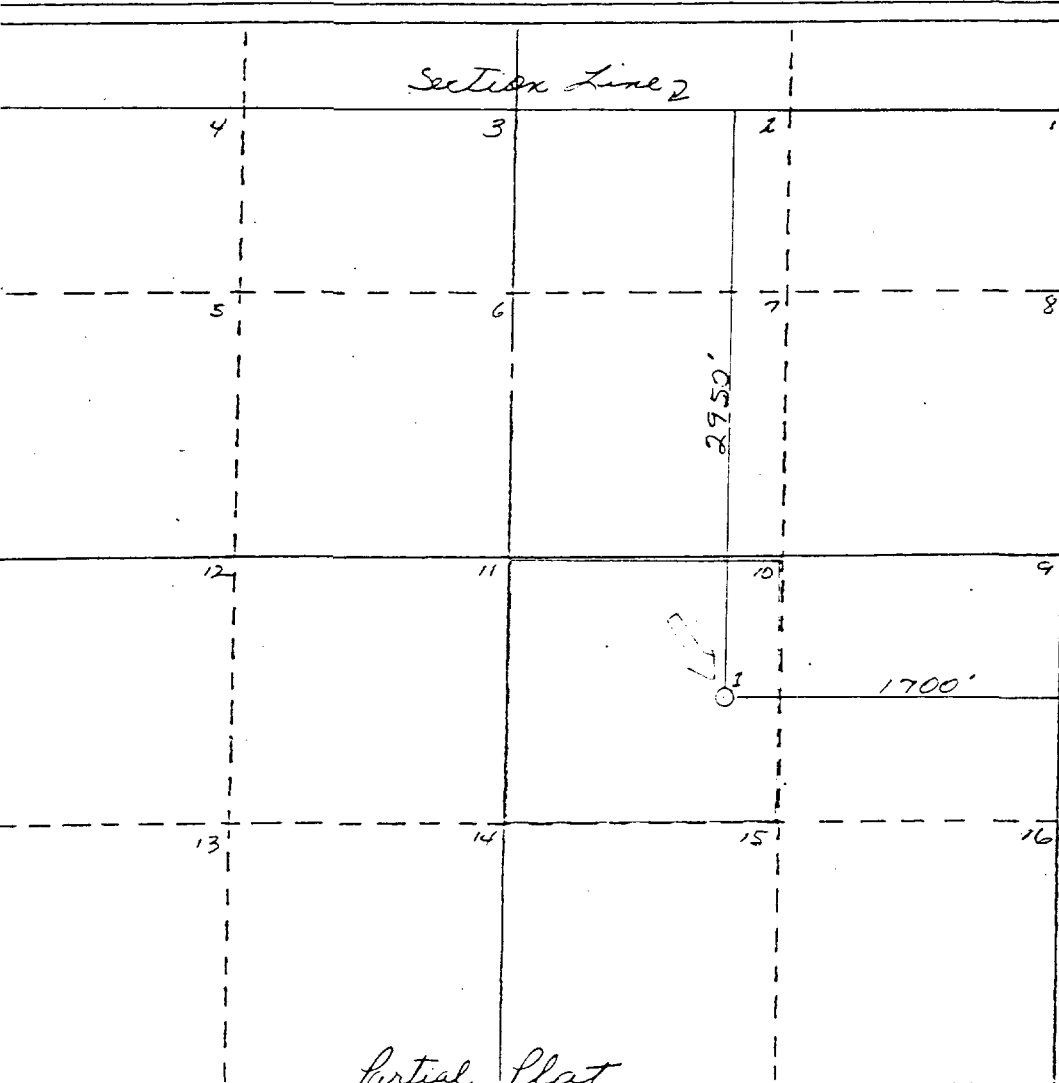
Superior Oil Company, The				Lease		Well No. 1	
Burton Flat							
Lot	Section	Township	Range	County			
10	1	21-S	27-E	Eddy			
Actual Well Location of Well:							
2950		feet from the north		line and 1700		feet from the east	
Sound Level Elev.		Producing Formation		Pool		Dedicated Acres:	
3190'		Bone Spring, East		E. Avalon		40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.



### CERTIFICATION

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

*G. E. Tate*

as Agent for The Superior Oil

Position

Env. & Reg. Manager

Company

Mobil Producing Tx. & N.M. In

Date

May 23, 1985

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true to the best of my knowledge and belief.

*Curtis A. Callaway*

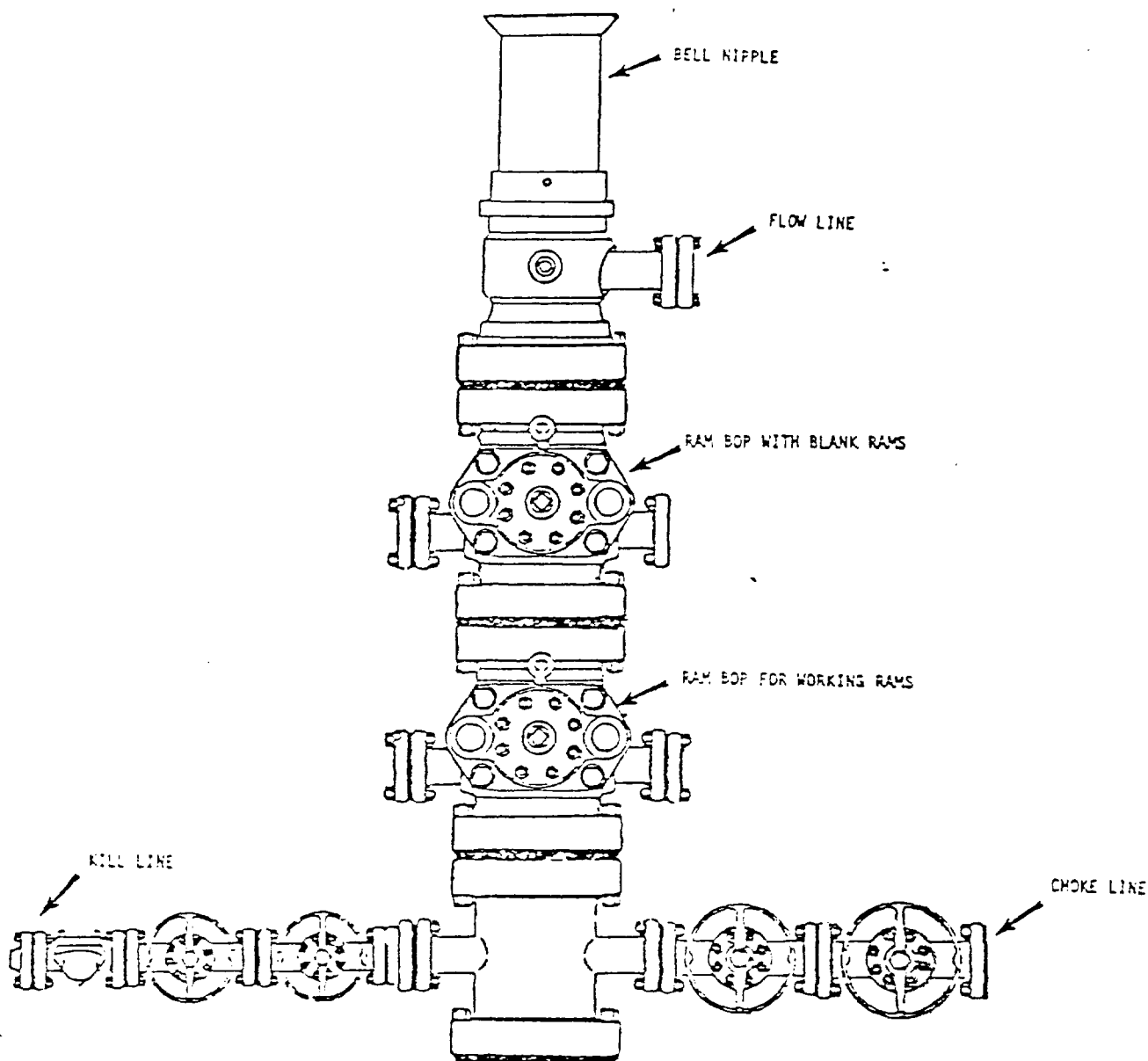
Date Surveyed

5/23/85

Registered Professional Engineer and/or Land Surveyor

Certificate No.

3342



BOP rams will be actuated on each trip of drill pipe and will be tested before drilling the plug on each casing string.

Mobil Producing  
Texas & New Mexico Inc.  
Houston, Texas

MOBIL NO. 1 Burton Flat  
(LEASE)

Eddy COUNTY, Wm STATE

BLOWOUT PREVENTER ASSEMBLY

(3 IN. 3000 PSI WP)

Scale

Date  
Drawn  
Checked  
Approved  
Revised

\*NOTE: ALL VALVES ARE METAL-TO-METAL SEAL AND FLANGED. ALL COMPONENTS MUST MEET ABOVE MINIMUM PRESSURE RATINGS. ALL COMPONENTS TO BE TESTED TO RATED PRESSURE AFTER ASSEMBLY AND BEFORE FURTHER DOWNHOLE OPERATIONS MAY BE CONDUCTED.

NEW MEXICO OIL CONSERVATION COMMISSION  
DRAWER DD  
ARTESIA, NEW MEXICO

Exp. 1-14-85

FIELD REPORT FOR CEMENTING OF WELLS

Operator <u>Superior Oil Co.</u>		Lease <u>Burton Flat</u>		Well # <u>1</u>	
Location of Well	Unit <u>J</u>	Section <u>1</u>	Township <u>21</u>	Range <u>27</u>	County <u>Eddy</u>
Drilling Contractor	<u>N/A</u>		Type of Equipment <u>ROTARY</u>		

\* = CSG. TO WITNESS

APPROVED CASING PROGRAM

Size of Hole	Size of Casing	Weight Per Foot	New or Used	Depth	Sacks Cemen
17 1/2"	13 3/8"	54.5*	NEW	650	CIRC
* 11"	8 5/8"	24.0*	"	2450	CIRC
7 7/8"	5 1/2"	15.5*	"	6000	690

Casing Data:

Surface \_\_\_\_\_ joints of \_\_\_\_\_ inch \_\_\_\_\_ # Grade \_\_\_\_\_  
(Approved) (Rejected) \_\_\_\_\_

Inspected by \_\_\_\_\_ date \_\_\_\_\_

Cementing Program

Size of hole 12 1/4" Size of Casing 8 5/8" Sacks cement required \_\_\_\_\_

Type of Shoe used guide Float collar used insert Btm 3 jts welded yes

TD of hole 2567' Set 2539' Feet of 8 5/8" Inch 24 # Grade K-55

New-used csg. @ \_\_\_\_\_ with 300 (22cc) sacks neat cement around shoe

+ 1400 sax pacemaker like additives (3# dyed, 1/4# colored, 270cc)

Plug down @ 11:50 (AM) (PM) Date 12/16/84

Cement circulated yes No. of Sacks 120 SK

Cemented by Western Co. Witnessed by Mike Stubblefield

Temp. Survey ran @ \_\_\_\_\_ (AM) (PM) Date \_\_\_\_\_ top cement @ \_\_\_\_\_

Casing test @ \_\_\_\_\_ (AM) (PM) Date \_\_\_\_\_

Method Used \_\_\_\_\_ Witnessed by \_\_\_\_\_

Checked for shut off @ \_\_\_\_\_ (AM) (PM) Date \_\_\_\_\_

Method used \_\_\_\_\_ Witnessed by \_\_\_\_\_

Remarks: \_\_\_\_\_

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

Form C-101  
Revised 10-1-78

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LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease  
STATE ☐ REC ☒

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. Type of Work

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

2. Type of Well

OIL WELL ☒

GAS WELL ☐

OTHER

SINGLE ZONE ☐

MULTIPLE ZONE ☐

3. Name of Operator

The Superior Oil Company ✓

4. Address of Operator

P.O. Box 3901, Midland, Texas 79702

5. Location of Well

UNIT LETTER J

LOCATED 4620

FEET FROM THE South LINE

2871.66

North

1880 FEET FROM THE east

LINE OF SEC. 1

TWP. 21S

RGE. 27E

NMPM

7. Unit Agreement Name

8. Farm or Lease Name

Burton Flat

9. Well No.

1

10. Field and Pool, or Wildcat  
E. Hualapai Spring  
Undesignated - Bone

12. County

Eddy

11. Elevations (show whether D.P., R.T., etc.)

3183' GR

21A. Kind & Status Plug Bond

Active Blanket

19. Proposed Depth

6,000

19A. Formation

Bone Spring

20. Rotary or C.T.

Rotary

21B. Drilling Contractor

Undesignated

22. Approx. Date Work will start

September 5, 1984

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	13-3/8"	54.5#	650'	675	Surface
11"	8-5/8"	24#	2450-2500'	720	Surface
7-7/8"	5-1/2"	15.5#	6,000'	690	2400'

BOP Sketch Attached

Gas is Dedicated

Per ID 1  
2-14-84  
HIT + 1R

APPROVAL FOR 120  
PERMIT ISSUES 2-14-84  
FIELD DRILLING SUPERINTENDENT

BEFORE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW P ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

G. E. Tate Title Division Operations Superintendent Date 8-6-84

(This space for State Use)

APPROVED BY Mark Williams TITLE OIL AND GAS INSPECTOR

DATE AUG 14 1984

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

THE SUPERIOR OIL COMPANY		Lease Burton Flat		Well No. 1	
Section J	1	Township 21 South	Range 27 East	County Eddy	
Footage Location of Well: 64620 feet from the North line and 1880 feet from the East line					
Level Elev. 3183.		Producing Formation Bone Spring		Pool Undesignated	
				Dedicated Acreage: 40 Acres	

Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

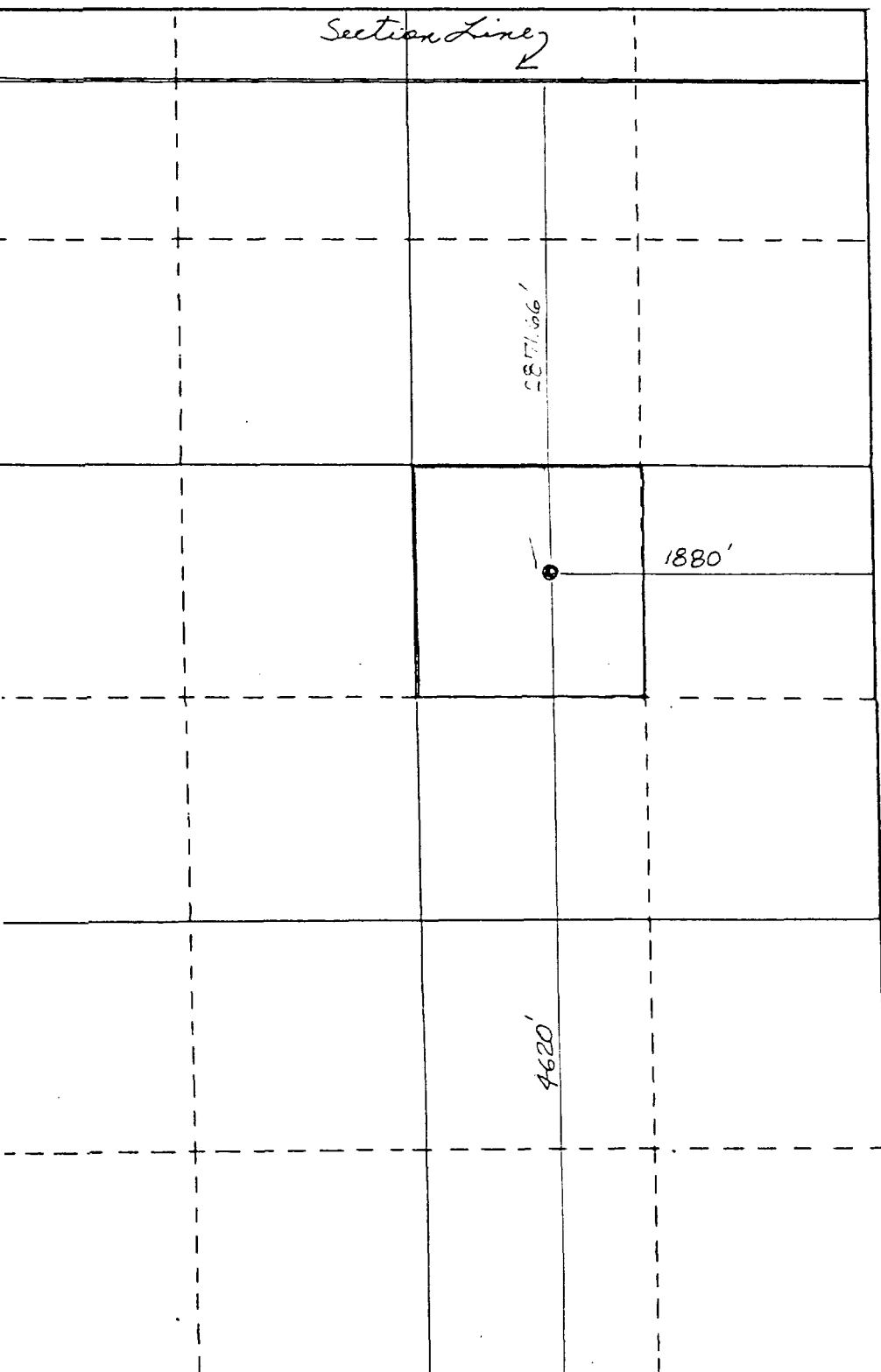
If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

*G.E. Tate*  
Name

Division Operations Supt.

Position

The Superior Oil Company

Company

8-6-84

Date

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.



Date Surveyed

May 10, 1984

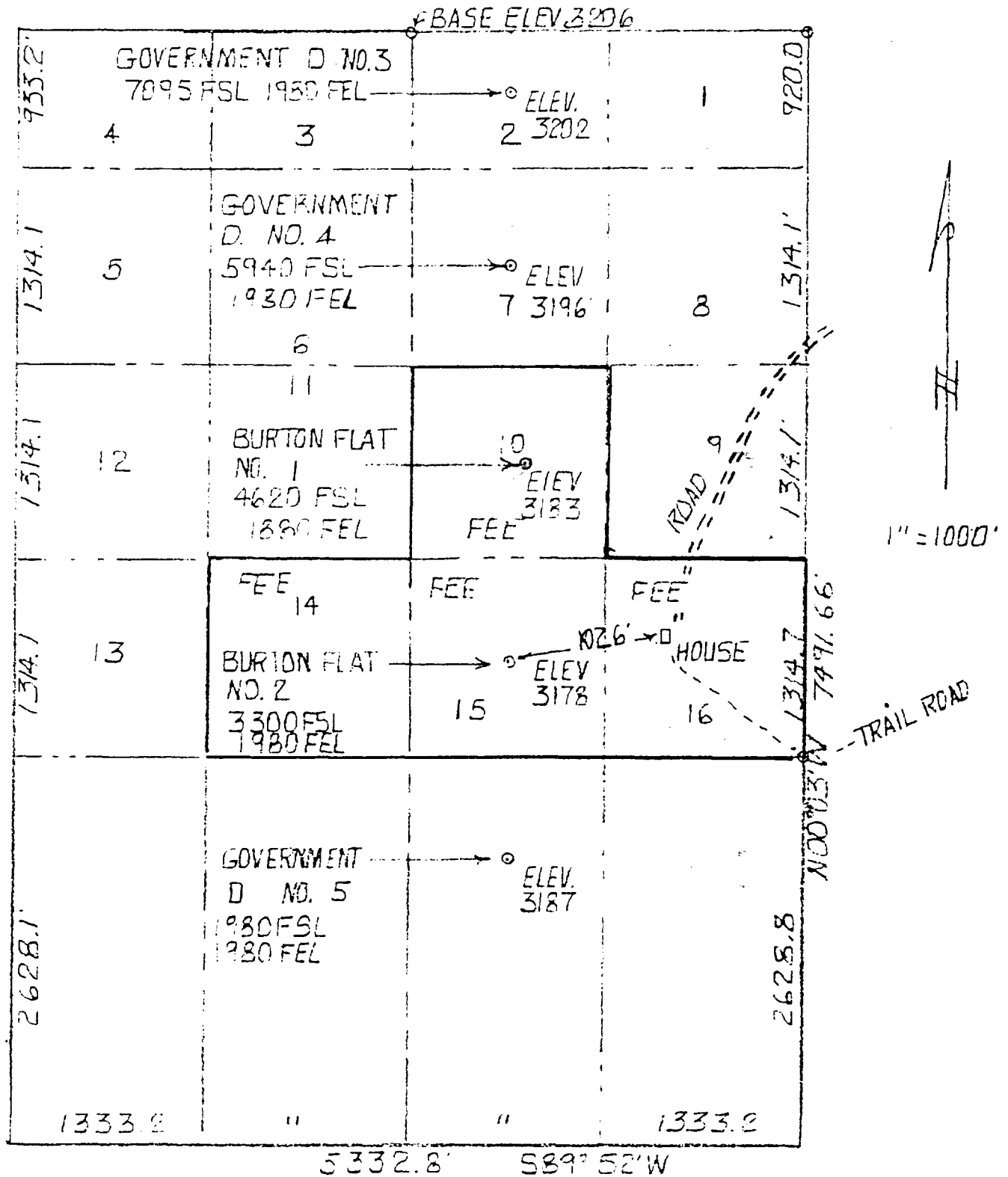
Registered Professional Engineer  
and/or Land Surveyor

*Dan R. Reddy*  
Certificate No.

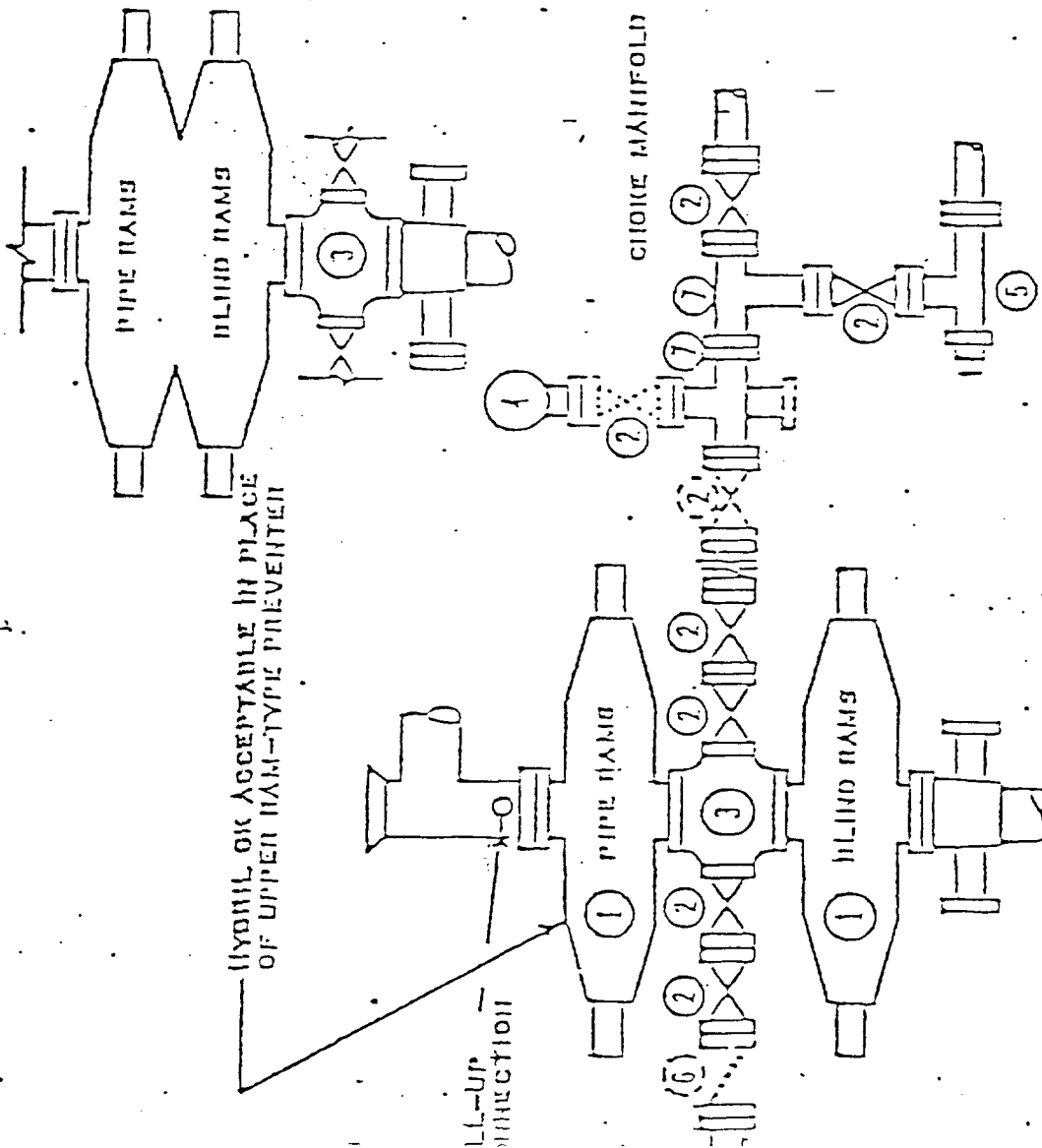
NM PEATS #5412

# STUDY PLAT

SEC. 1, T 21 S, R 27 E, EDDY CO, NEW MEXICO



PREPARED FOR: THE SUPERIOR OIL CO.  
BY: DAN R REDDY NM. PE & L.S.  
5/12/84



- ① SERIES 000 HAM-TYPE DOP
- ② 2" SERIES 000 VALVE
- ③ SERIES 000 DRILLING SPOOL
- ④ 2" HOD PRESSURE GAUGE
- ⑤ 2" SERIES 000 CHOKE
- ⑥ 2" SERIES 000 CHECK VALVE
- ⑦ 2" SERIES 000 STEEL TEE

NOTES:

1. 3000 PSI WP CLAMP HODS MAY BE SUBSTITUTED FOR FLANGES
2. VALVES MAY BE EITHER HAND OR POWER OPERATED BUT, IF POWER OPERATED, THE VALVES FLANGED TO THE DOP HUI MUST BE CAPABLE OF BEING OPENED AND CLOSED MANUALLY OR CLOSE ON POWER FAILURE AND BE CAPABLE OF BEING OPERED MANUALLY

.....OPTIONAL EQUIPMENT

3000 PSI WORKING PRESSURE  
BLOWOUT PREVENTER HOOK-  
(SERIES 000 FLANGES OR DOP)