

District I
1625 N French Drive, Hobbs, NM 88240

District II
811 South First Street, Artesia, NM 88210

District III
1000 Rio Brazos Road, Artec, NM 87410

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107A
Revised May 15, 2000

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, New Mexico 87505

APPLICATION TYPE
Single Well
Establish Pre-Approved Pools
EXISTING WELLBORE
Yes No

APPLICATION FOR DOWNHOLE COMMINGLING

SAPIENT ENERGY CORP

8801 SOUTH YALE, STE 150, TULSA OK 74137

Operator Address LEA
BERTHA J BARBER 10 E 8-20S-37E
Lease Well No. Unit Letter-Section-Township-Range County
OGRID No. 169415 Property Code 25641 API No. 30-025-06024 Lease Type: Federal State X Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	MONUMENT PADDOCK		MONUMENT BLINEBRY
Pool Code	47080		46990
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	5106-5110		5528-5665
Method of Production (Flowing or Artificial Lift)	ARTIFICIAL LIFT		ARTIFICIAL LIFT
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)			
Oil Gravity or Gas BTU (Degree API or Gas BTU)	38.5 API		37.7 API
Producing, Shut-In or New Zone	PRODUCING		PRODUCING
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: 6/2000 TO 9/2000 Rates: 12.1 16.8 167.8 OIL GAS WTR	Date: Rates:	Date: 8/2/95 Rates: 12 41 14 OIL GAS WTR
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Wtr Gas 56.5% 40.3% 49.6%	Oil Gas % %	Oil Wtr Gas 43.5% 59.7% 50.4%

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones?
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?

Yes X No
Yes No

Are all produced fluids from all commingled zones compatible with each other?

Yes X No

Will commingling decrease the value of production?

Yes No X

If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application?

Yes No X

NMOCD Reference Case No. applicable to this well:

Attachments:

- C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- Production curve for each zone for at least one year. (If not available, attach explanation.)
- For zones with no production history, estimated production rates and supporting data.
- Data to support allocation method or formula.
- Notification list of working, royalty and overriding royalty interests for uncommon interest cases.
- Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

- List of other orders approving downhole commingling within the proposed Pre-Approved Pools
- List of all operators within the proposed Pre-Approved Pools
- Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
- Bottomhole pressure data.

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

SIGNATURE Gerald Lucero TITLE Manager of Operations DATE February 26, 2001
TYPE OR PRINT NAME Gerald Lucero TELEPHONE NO. (918) 488-8988

Barber #10 -Test data

Paddock Only	oil	gas	water
Jun-00	15.6	14.7	207
Jul-00	12.2	16.6	122
Aug-00	12.6	16	207
Sep-00	8.1	19.8	135
Total	48.5	67.1	671
Average	12.1	16.8	167.8

Paddock/ Blinebry	oil	gas	water
11/01/2000	24	35	465
11/02/2000	22	35	405
11/03/2000	26	35	407
11/04/2000	20	33	424
11/05/2000	17	33	406
11/06/2000	20	33	406
11/07/2000	21	33	404
Total	150	237	2917
Average	21.4	33.9	416.7

Production Allocation	oil	gas	water
Paddock- volumes	12.1	16.8	167.8
Blinebry- volumes	9.3	17.1	249.0
Paddock- %	56.5%	49.6%	40.3%
Blinebry- %	43.5%	50.4%	59.7%

Well: 1533 BERTHA J BARBER #10 State: NM JIB-Hold: NO

Deck: 1 EffectiveDate: 12/01/98 CasePoint: A Name: Perm

----- Participants -----					
Entity Code	Entity Name	ST JIB Hold	Memo Int. Type	Decimal Interest	
C:	1 SAPIENT ENERGY CORP. 8801 S. YALE, SUITE 150 TULSA	OK	WI	0.9999999900	
	OK 74137	ID: 73-1532726			
O:	1 SAPIENT 100% W.I. WELLS		WI	0.0000000100	
		ID:			

----- Deck Totals (2 Participants) -----

Working Interest:	1.0000000000
Total Interest:	1.0000000000
1 decks listed.	

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Energy, Minerals & Natural Resources Department

Form C-102
Revised August 15, 2000

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-06024	² Pool Code 47080	³ Pool Name Monument Paddock
⁴ Property Code 25641	⁵ Property Name Bertha J. Barber	⁶ Well Number 10
⁷ OGRID No. 189535	⁸ Operator Name Sapient Energy Corp	⁹ Elevation 3553'

¹⁰ Surface Location

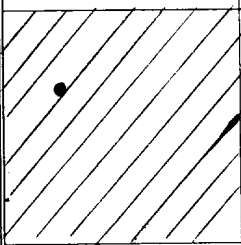
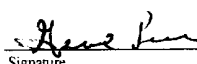
UL or lot no. E	Section 8	Township 20S	Range 37E	Lot Idn	Feet from the 1650	North/South line North	Feet from the 330	East/West line West	County Lea
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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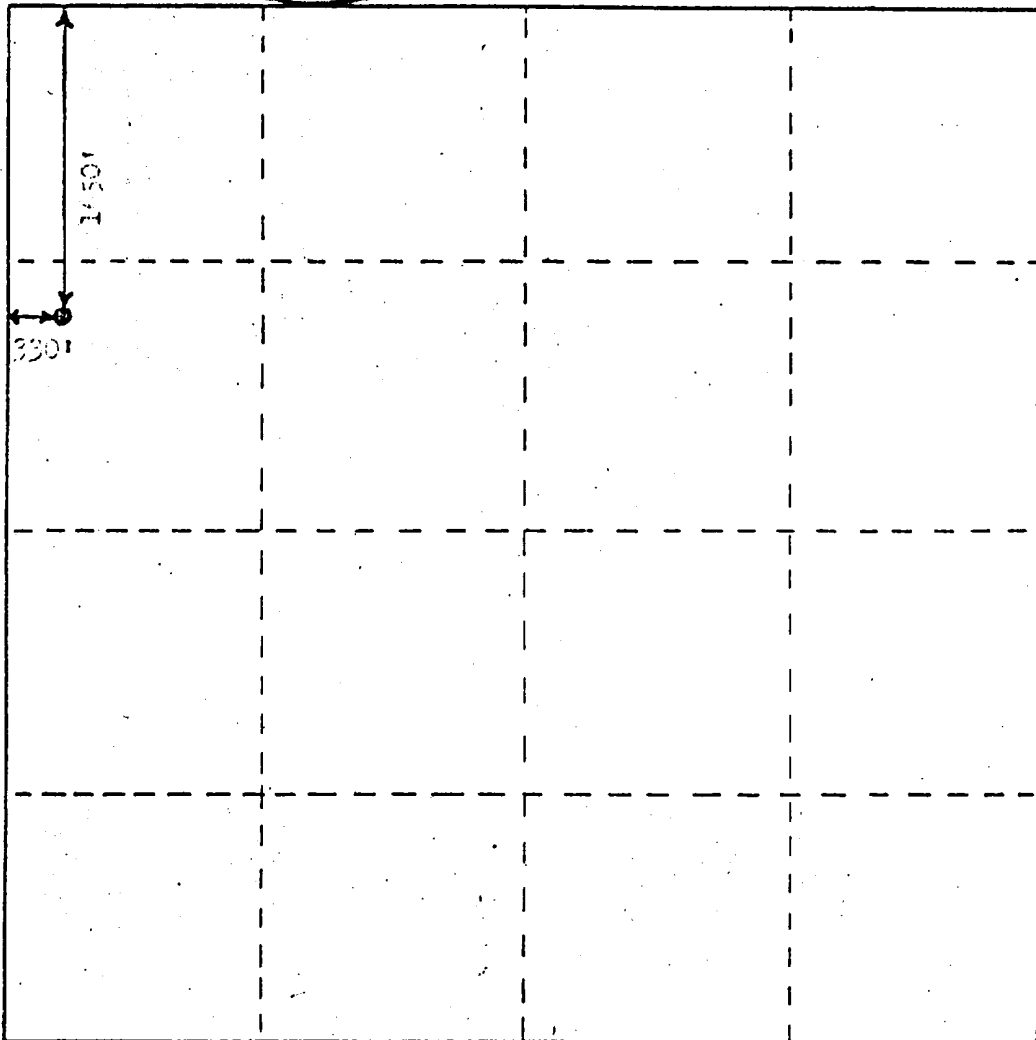
¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

¹⁶ 				¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature Gerald Lucero Printed Name Manager of Operations Title February 28, 2001 Date
				¹⁸ SURVEYOR CERTIFICATION <i>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 belief.</i>
				Date of Survey Signature and Seal of Professional Surveyor: Certificate Number

WELL LOCATION SURVEY PLAT.

COMPANY McClair Oil & Gas Company
LEASE E. J. Barber
WELL NO. 10



SEC. TWP. 20 S. RGE. 20 E. N.M.P.M.

I CERTIFY THAT THIS SURVEY WAS MADE UNDER
MY DIRECTION, AND THAT THE PLAT IS CORRECT
TO THE BEST OF MY KNOWLEDGE.

Glen Miller

NEW MEXICO LICENSE NO. 223

G.H.

Well -

JGR

MAY 26 1953 *Copy to V.D.C.*

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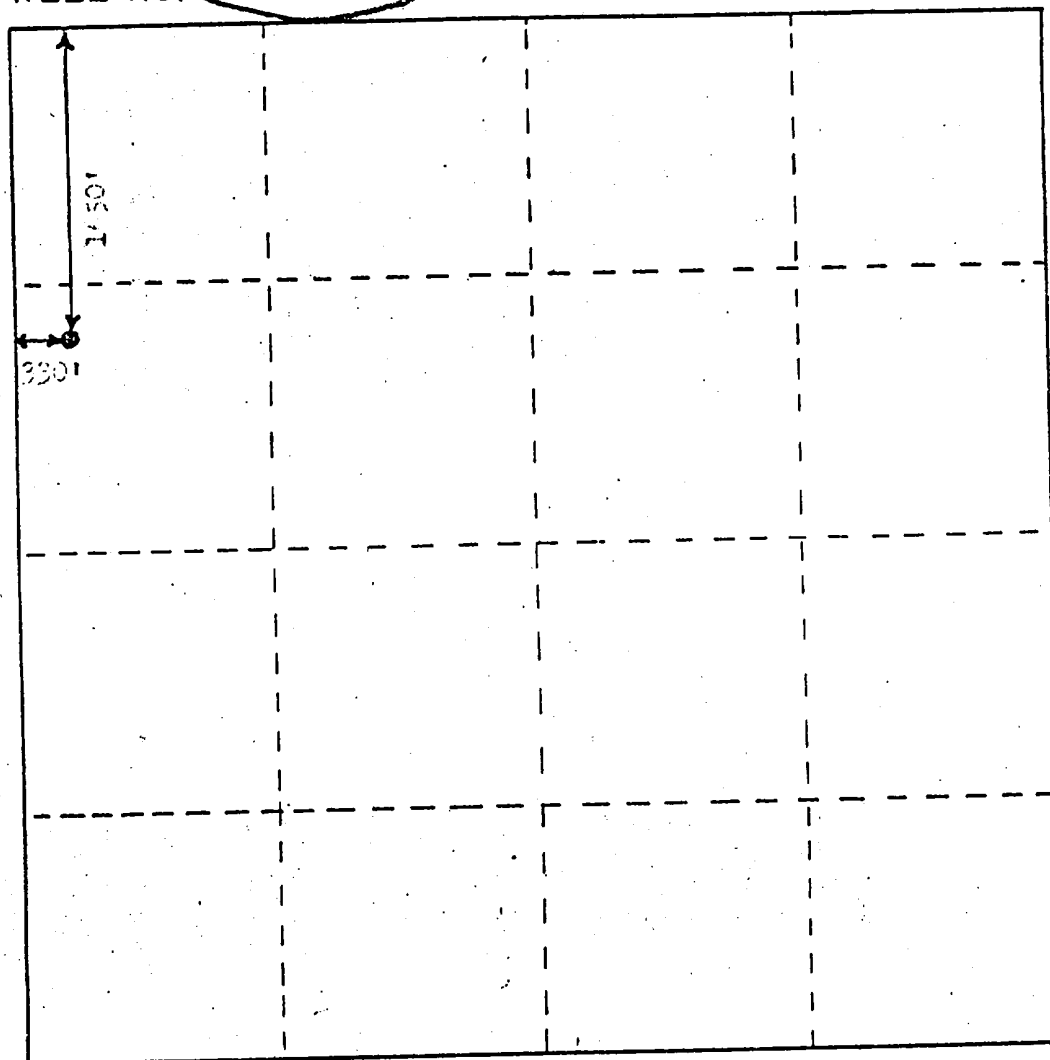
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WELL LOCATION SURVEY PLAT.

COMPANY Farbair Oil & Gas Company
LEASE H. J. Farber
WELL NO. 10



SEC. ____ TWP. 20 S. RGE. ____ E. N.M.P.M.

I CERTIFY THAT THIS SURVEY WAS MADE UNDER
MY DIRECTION, AND THAT THE PLAT IS CORRECT
TO THE BEST OF MY KNOWLEDGE.

Glen S. [Signature]

NEW MEXICO LICENSE NO. 123

G.H.

Mill -

JGR

MAY 26 1953

Copy to VDC