

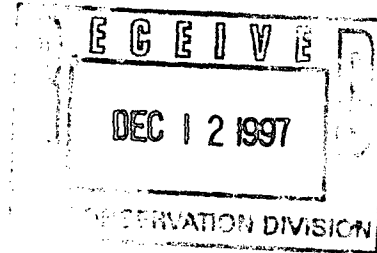
DHC 1/2/98

CAULKINS OIL COMPANY

P.O. BOX 340
BLOOMFIELD, NEW MEXICO 87413

December 5, 1997

State of New Mexico
Oil Conservation Division
ATTN: Mr. David Catanach
2040 S. Pacheco
Santa Fe, NM 87505



Re: Breech "A" 136 Commingling Approval

Dear Mr. Catanach:

Caulkins Oil Company (COC) requests administrative approval to commingle our Breech "A" 136 well located in Section 10-26N-6W, Unit M.

This well was originally single completed as a Basin Dakota well in December 1963.

Approval to temporarily abandon Dakota zone and recomplete well in South Blanco Tocito zone was obtained June 13, 1997. The Tocito zone has been completed, but tests conducted on well indicate that it will be unable to produce marketable quantities of gas without some form of artificial lift. The gas - oil ratio test enclosed was for one hour. During the second hour of the test the well died to nothing. Commingling Dakota and Tocito zones in this wellbore will be the most economically feasible method to produce this well.

Please find the enclosed documents:

- A. Form C-107-A
- B. Form C-102 for each zone
- C. Gas - Oil Ratio Test
- D. Bottom hole pressure measurements for each zone
- E. Accumulative gas and oil volumes for Dakota, January thru June 1997 and recommended percentage splits for commingled well
- F. Copy of completion report
- G. Vicinity map
- H. Form C-104

If you have any questions or need more information, please contact Robert L. Verquer at (505) 632-1544.

Sincerely,

Robert L. Verquer,
Superintendent

cc: Bureau of Land Management

EXHIBIT "B" - CASE NO. 11353, ORDER NO. R-10470-A

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

877 South First St., 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

2040 S. Pacheco
Santa Fe, New Mexico 87505-6429

Form C-107-A
New 3-12-96

APPROVAL PROCESS:

☒ Administrative ☐ Hearing

EXISTING WELLBORE

☒ YES ☐ NO

APPLICATION FOR DOWNHOLE COMMINGLING

Operator Caulkins Oil Company Address P.O. Box 340, Bloomfield, NM 87413
Lease Breach "A" Well No. 136 A 10-26N-6W County Rio Arriba
Unit Ltr. - Sec - Twp - Rge
OGRID NO. 3824 Property Code 2455 API NO. 30-039-06629 Federal ☒ State ☐ (and/or) Fee ☐

The following facts are submitted in support of downhole commingling:	Upper Zone	Intermediate Zones	Lower Zone
1. Pool Name and Pool Code	South Blanco Tocito 06460		Basin Dakota 71599
2. Top and Bottom of Pay Section (Perforations)	6836' to 6847' 6865' to 6873'		7305' to 7532'
3. Type of production (Oil or Gas)	Oil		Gas
4. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing
5. Bottomhole Pressure Zones - Artificial Lift: Estimated Current & Oil - Flowing: Measured Current All Gas Zones: Estimated Or Measured Original	a. (Current) 11-18-97 1548 b. (Original) 49 MCF/D (GOR) 7 BBLs	a. b.	a. 7-10-97 710 b. 262 MCF/D 6 mo. avg. 2 BBLs
6. Oil Gravity (° API) or Gas BTU Content	Oil estimated - 48 Gas estimated - 1.240		Oil actual - 65 Gas actual - 1.221
7. Producing or Shut-In?	Shut-in		Shut-in
Production Marginal? (yes or no)	yes		yes
* If Shut-In, give 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: GOR 11-3-97 Rates: Gas Oil 49 MCF/D 7 BBLs	Date: Rates:	Date: June average Rates: Gas Oil 255 MCF/D 2 BBLs
* If Producing, give date and oil/gas/water rates of recent test (within 60 days)	Date: Rates:	Date: Rates:	Date: Rates:
8. Fixed Percentage Allocation Formula - % for each zone	Oil: 77 % Gas: 16 %	Oil: % Gas: %	Oil: 23 % Gas: 84 %

9. If allocation formula is based upon something other than current or past production, or is based upon some other method, submit attachments with supporting data and/or explaining method and providing rate projections or other required data.
10. Are all working, overriding, and royalty interests identical in all commingled zones? ☒ Yes ☐ No
If not, have all working, overriding, and royalty interests been notified by certified mail? ☒ Yes ☐ No
Have all offset operators been given written notice of the proposed downhole commingling? ☒ Yes ☐ No
11. Will cross-flow occur? ☒ Yes ☐ No If yes, are fluids compatible, will the formations not be damaged, will any cross-flowed production be recovered, and will the allocation formula be reliable. ☒ Yes ☐ No (If No, attach explanation)
12. Are all produced fluids from all commingled zones compatible with each other? ☒ Yes ☐ No
13. Will the value of production be decreased by commingling? ☐ Yes ☒ No (If Yes, attach explanation)
14. If this well is on, or communitized with, state or federal lands, either the Commissioner of Public Lands or the United States Bureau of Land Management has been notified in writing of this application. ☒ Yes ☐ No
15. NMOCD Reference Cases for Rule 303(C) Exceptions: ORDER NO(S). PLC-105, DHC-878, DHC-659
16. 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 all offset operators.
 - * Notification list of working, overriding, and royalty interests for uncommon interest cases.
 - * Any additional statements, data, or documents required to support commingling.

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

SIGNATURE Robert L. Vergara TITLE Superintendent DATE 12-9-97

TYPE OR PRINT NAME _____ TELEPHONE NO. () _____

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-06629		² Pool Code 06460		³ Pool Name South Blanco Tocito	
⁴ Property Code 2455		⁵ Property Name Breech "A"			⁶ Well Number 136
⁷ OGRID No. 3824		⁸ Operator Name Caulkins Oil Company			⁹ Elevation 6645

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	10	26N	6W		890'	North	990'	East	Rio Arriba

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

¹² Dedicated Acres 80	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 hereby certify that the information contained herein is true and complete to the best of my knowledge and belief		
					Signature <i>Robert L. Verquer</i> Printed Name Robert L. Verquer		
					Title Superintendent Date December 5, 1997		
					¹⁸ SURVEYOR CERTIFICATION		
				I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under			
				Date of Survey			
				Signature and Seal of Professional Surveyor:			
				Certificate Number			

District I
PO Box 1980, Hobbs, NM 88241-1980
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2040 South Pacheco
Santa Fe, NM 87505

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Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-06629	² Pool Code 71599	³ Pool Name Basin Dakota
⁴ Property Code 2455	⁵ Property Name Breech "A"	⁶ Well Number 136
⁷ OGRID No. 3824	⁸ Operator Name Caulkins Oil Company	⁹ Elevation 6645

¹⁰ Surface Location

UL or lot no. M	Section 10	Township 26N	Range 6W	Lot Idn	Feet from the 890'	North/South line North	Feet from the 990'	East/West line East	County Rio Arriba
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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
¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

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					<p>¹⁷ OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p>
					<p>Signature <i>Robert L. Verquer</i></p> <p>Printed Name Robert L. Verquer</p>
					<p>Title Superintendent</p>
					<p>Date December 5, 1997</p>
					<p>¹⁸ SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under</p>
					<p>Date of Survey</p>
					<p>Signature and Seal of Professional Surveyor:</p>
					<p>Certificate Number</p>

OIL CONSERVATION DIVISION

2040 S. Pacheco
Santa Fe, New Mexico 87505

GAS - OIL RATIO TEST

This format is in lieu of State Oil Conservation Division form C-116.

Operator

Caulkins Oil Company

Address

P.O. Box 340, Bloomfield, New Mexico 87413

Pool

South Blanco Tocito

County

Rio Arriba

Type of Test - (X) Scheduled () Special ()

Completion (X)

LOCATION

PROD. DURING TEST

LEASE NAME	WELL NO.	U	S	T	R	DATE OF TEST	STATUS	CHOKE SIZE	TBG. PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS	WATER BBLs.	GRAV. OIL	OIL BBLs.	GAS MCF	GAS-OIL RATIO CU FT/BBL
Breach "A"	136	A	10	26-N	6-W	11/3/97	F	20/64	71		1	0	48	7	49	7,000
NMSF-079035-A																

Instructions:

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of the 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Division.

Gas volumes must be reported in MCF measured at a base of 15.025 psia and a temperature of 60 degrees Fahrenheit. Specific gravity base will be 0.60.

Report casing pressures in lieu of tubing for any well producing through casing.

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

Robert L. Verquer

Signature

Robert L. Verquer, Superintendent

Printed name and title

December 4, 1997 (505) 632-1544

Date

Telephone No.

Company: CAULKI OIL CO.
Well: BREECH A #136
Field: SOUTH BLANCO TOCITO
Engineer:
Gauge Type: AMERADA
Gauge Range: 0-3000
Gauge Depth: 6865 ft
Serial No.: 44537

County: RIO ARRIBA
State: NM
Date: 11/18/1997
Well Type:
Test Type: STATIC GRADIENT
Status: SHUT-IN
File Name: CAULKIN

Tubing: 2 3/8" TO 6870
Tubing: TO
Casing: TO Oil Level
Perfs.: H2O Level 6222 ft
Shut-in Time 216 hrs

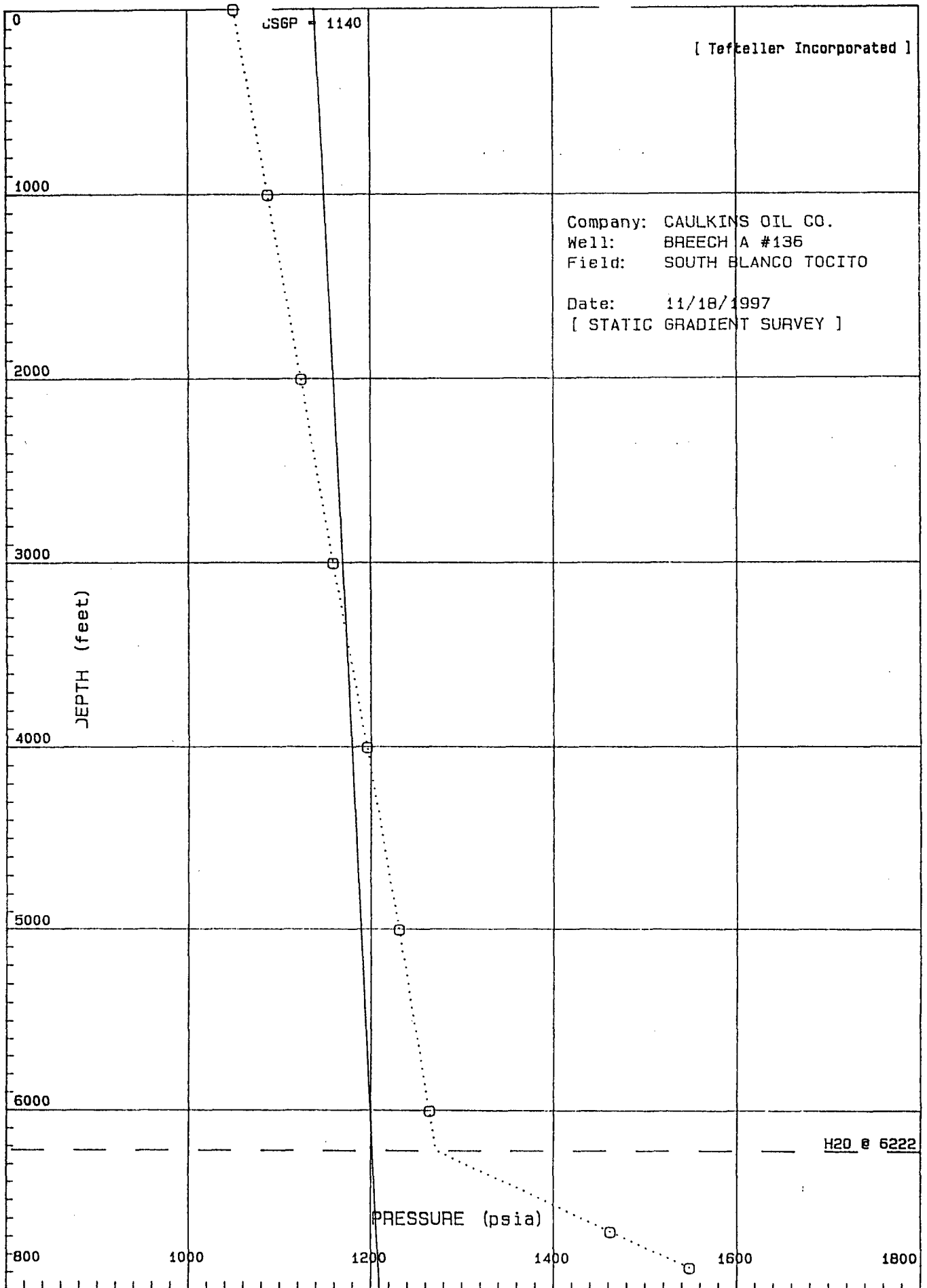
Shut-in BHP 1548 @ 6865 ft Shut-in BHT 0 F @ 0 ft
Shut-in WHP 1051 Shut-in WHT 0 F
Casing CSGP 1140

[Tefteller Incorporated]

#	MD	TVD	PRESSURE	PSI/ft
1	0	0	1051.00	
2	1000	1000	1088.00	0.037
3	2000	2000	1124.00	0.036
4	3000	3000	1159.00	0.035
5	4000	4000	1196.00	0.037
6	5000	5000	1231.00	0.035
7	6000	6000	1264.00	0.033
8	6665	6665	1462.00	0.298
9	6865	6865	1548.00	0.430

[Tefceller Incorporated]

Company: CAULKINS OIL CO.
Well: BREECH A #136
Field: SOUTH BLANCO TOCITO
Date: 11/18/1997
[STATIC GRADIENT SURVEY]



TEFTELLER INC

Pressure Gradient Report

COMP : CAULKINS OIL CO WELL : BREECH A # 136 T : 0.0
 FIELD : RES : Basin Dakota DATUM : 7497.0
 DATE : 07/10/1997 STATUS : S.I. HRS : 168.0
 TBG : 2-3/8 DPTH : END : 7517 PKR : S N :
 CSG : DPTH : PERFS : GRAD : 0.435000 T D :

Depth (ft)	Pressure (psig)	Delta P (psi)	Gradient (psi/ft)
0	489.0		
1000	523.0	34.0	0.0340
2000	516.0	-7.0	-.0070
3097	531.0	15.0	0.0137
4097	543.0	12.0	0.0120
5097	555.0	12.0	0.0120
6097	567.0	12.0	0.0120
7097	579.0	12.0	0.0120
7297	623.0	44.0	0.2200
7497	710.0	87.0	0.4350
7497	710.0	0.0	

REMARKS : CASING PRESSURE 490
 TOP OF WATER @ 7199

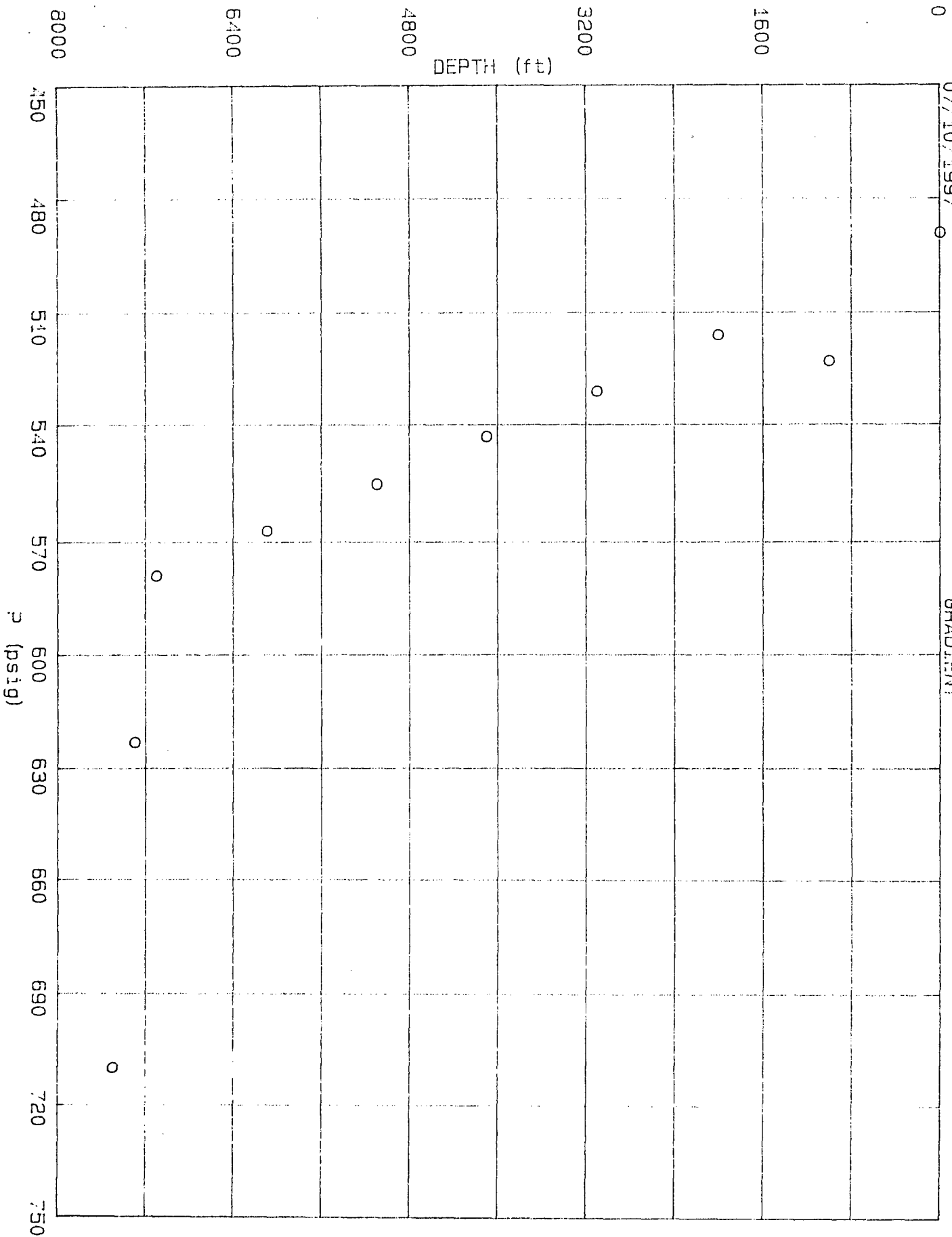
TUBING PRESSURE 490

CAULKINS OIL CO
BREECH A # 136
07/10/1997

GRADIENT

TEFTELLER INC.

DEPTH (ft)



Caulkins Oil Company
Gas and Oil Volumes
1-97 thru 6-97
Breech "A" 136 Dakota

Month	Days On	Gas Volume	Oil Production		
January	28	8,259	57.98	294	2.0
February	28	7,184	65.98	256	2.3
March	31	7,958	68.13	256	2.19
April	7	1,876	16.29	268	2.3
May	31	7,583	51.83	244	167
June	23	5,867	48.69	255	2.1
Total	148	38,727	308.90		
Average Daily Volume		262	2.09		

Based on the average daily volumes shown above for Dakota and Gas - Oil Ratio test of 49 MCF/D gas and 7 bbls/D oil for Tocito we recommend the following percentage split for commingled production.

	Gas Percentage	Oil Percentage
Dakota	84%	23%
Tocito	16%	77%

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input type="checkbox"/>	Other _____		
b. TYPE OF COMPLETION:		NEW WELL <input type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. REVR. <input type="checkbox"/>	Other _____
2. NAME OF OPERATOR Caulkins Oil Company						5. LEASE DESIGNATION AND SERIAL NO. NMSF-079035-A	
3. ADDRESS OF OPERATOR P.O. Box 340, Bloomfield, NM 87413 Ph. (505) 632-1544						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 890' F/N 990' F/E At top prod. interval reported below same At total depth same						7. UNIT AGREEMENT NAME	
14. PERMIT NO. 30-039-06629 DATE ISSUED 11-26-63						8. FARM OR LEASE NAME Breech "A"	
15. DATE SPUDDED 11-27-63 16. DATE T.D. REACHED 12-19-63 17. DATE COMPL. (Ready to prod.) 12-63						9. WELL NO. 136	
18. ELEVATIONS (OF, RKB, RT, GR, ETC.)* 6645 KB						10. FIELD AND POOL, OR WILDCAT South Blanco Tocito	
19. ELEV. CASINGHEAD 6645						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 10-26N-6W	
20. TOTAL DEPTH, MD & TVD 7605' 21. PLUG, BACK T.D., MD & TVD 6921' 22. IF MULTIPLE COMPL., HOW MANY* →						12. COUNTY OR PARISH Rio Arriba	
23. INTERVALS DRILLED BY →						13. STATE NM	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6836' to 6847' South Blanco Tocito 6865' to 6873' South Blanco Tocito						25. WAS DIRECTIONAL SURVEY MADE no	
26. TYPE ELECTRIC AND OTHER LOGS RUN Cement Bond Log						27. WAS WELL CORED no	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
9 5/8"		32.3#		264'		13 1/4"	
4 1/2"		10.5# & 11.6#		7604'		6 3/4"	
						CEMENTING RECORD	
						200 sacks	
						650 sacks	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
						SCREEN (MD)	
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
2 3/8"		6870'					
31. PERFORATION RECORD (Interval, size and number)							
Two .32 dia. holes per foot from 6836' to 6847'							
Two .32 dia. holes per foot from 6865' to 6873'							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
6836' to 6847'				nitrogen foam frac'd with			
& 6865' to 6873'				28,820# 20/40 sand			
33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
11-3-97		Flowing				Shut-in	
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD	
11-3-97		1 hour				→	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.	
71#		182#		→		168	
						GAS—MCF.	
						1,176	
						WATER—BBL.	
						0	
						OIL GRAVITY-API (CORR.)	
						48	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	
Vented							
35. LIST OF ATTACHMENTS							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED <u>Robert J. Vergara</u>		TITLE <u>Superintendent</u>			DATE <u>12-5-97</u>		

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

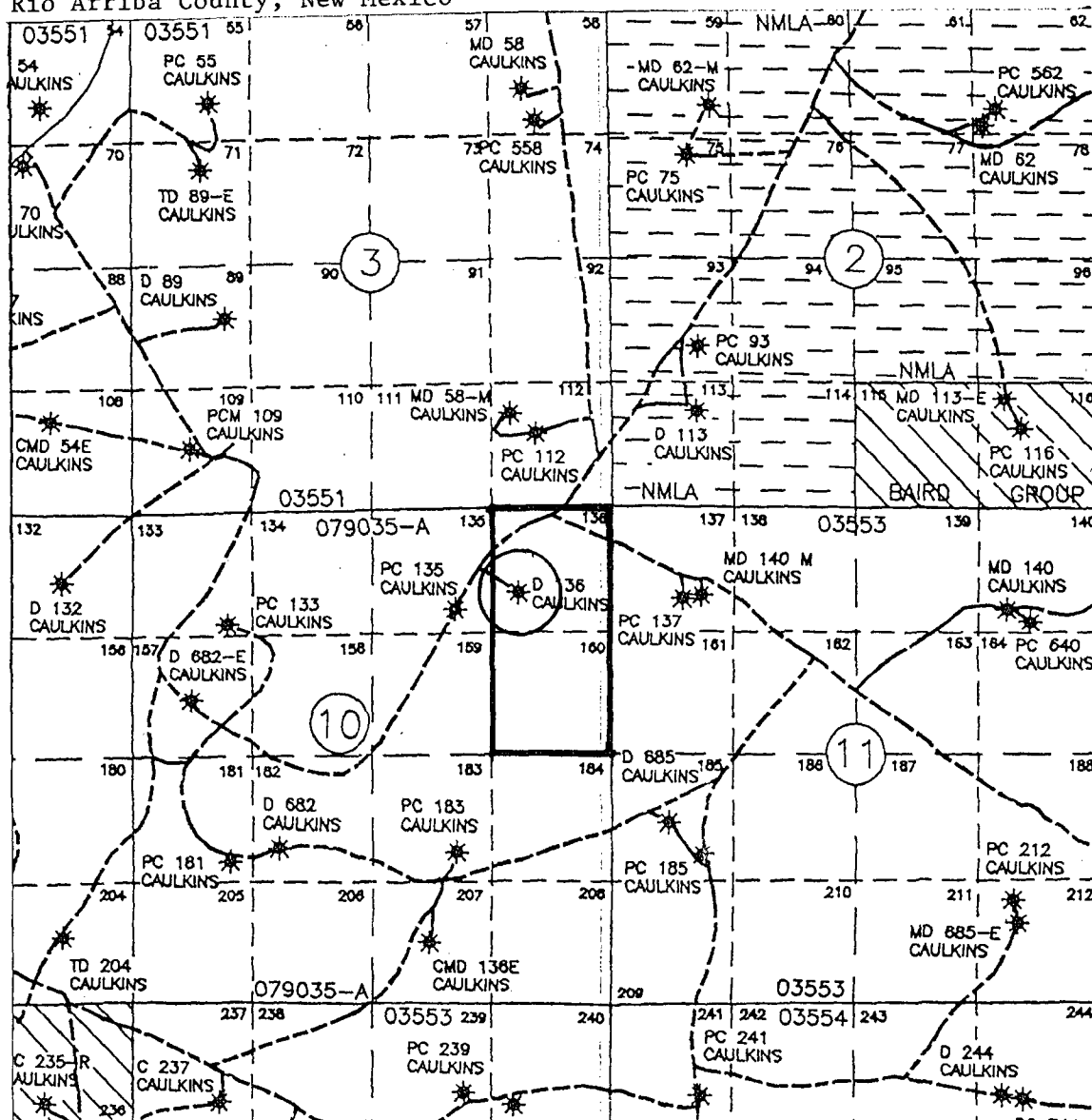
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Alamo	2513'	2602'	Water Sands	Alamo	2513'	
Fruitland	2895'	3110'	Coal	Fruitland	2895'	
Pictured Cliffs	3125'	3157'	Gas Sand	Pictured Cliffs	3125'	
Mesa Verde	4790'	5502'	Gas Sand	Mesa Verde	4790'	
Tocito	6832'	6874'	Oil Sand	Tocito	6832'	
Dakota	7302'	7602'	Gas Sand	Dakota	7302'	

CAULKINS OIL COMPANY

P.O. BOX 340

BLOOMFIELD, NEW MEXICO 87413

Breach "A" 136
NE 1/4 NE 1/4, Sec. 10-26N-6W
Rio Arriba County, New Mexico



136

Identified by circle

Dedicated acreage East half of Northeast Quarter

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-104
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
5 Copies

☐ AMENDED

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Caulkins Oil Company P. O. Box 340 Bloomfield, NM 87413		² OGRID Number 003824
		³ Reason for Filing Code RC
⁴ API Number 30 - 039 - 06629	⁵ Pool Name SOUTH BLANCO TOCITO	⁶ Pool Code 06460
⁷ Property Code 002455	⁸ Property Name BREECH "A"	⁹ Well Number 136

II. ¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
A	10	26N	6W		890'	NORTH	990'	EAST	RIO ARriba

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Lse Code	¹³ Producing Method Code F	¹⁴ Gas Connection Date		¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date	

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² POD ULSTR Location and Description
025244	Williams Field Services Company Salt Lake City, Utah 84158-0900		G	Unit A, Sec. 10-26N-6W Breech "A" 136 location
009018	Giant Refinery Farmington, New Mexico 87401		O	Unit A, Sec. 10-26N-6W Breech "A" 136 location

IV. Produced Water

²³ POD	²⁴ POD ULSTR Location and Description Unit A, Sec. 10-26N-6W 890' F/N 990' F/E Breech "A" 136 location
-------------------	----------------------------------------------------------------------------------------------------------------------

V. Well Completion Data

²⁵ Spud Date 11-26-63	²⁶ Ready Date (12-63) 10-28-97	²⁷ TD 7605'	²⁸ CIBPTD 6921'	²⁹ Perforations 6836'- 6847' & 6865'- 6873'	³⁰ DHC, DC, MC
³¹ Hole Size 13 1/4"	³² Casing & Tubing Size 9 5/8"	³³ Depth Set 264'		³⁴ Sacks Cement 200 sacks	
6 3/4"	4 1/2"	7604'		650 sacks	
	2 3/8"	6870'			

VI. Well Test Data

³⁵ Date New Oil 11-3-97	³⁶ Gas Delivery Date ASAP	³⁷ Test Date 11-3-97	³⁸ Test Length 1 hour	³⁹ Tbg. Pressure 71#	⁴⁰ Csg. Pressure 182#
⁴¹ Choke Size 20/64	⁴² Oil 7	⁴³ Water 0	⁴⁴ Gas 49	⁴⁵ AOF	⁴⁶ Test Method Flowing

⁴⁷ I hereby certify that the rules 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. Signature: <i>Robert L. Verquer</i>		OIL CONSERVATION DIVISION	
Printed name: Robert L. Verquer		Approved by:	
Title: Superintendent		Title:	
Date: December 5, 1997		Approval Date:	
Phone: (505) 632-1544			
⁴⁸ If this is a change of operator fill in the OGRID number and name of the previous operator			
Previous Operator Signature	Printed Name	Title	Date

NUMBER OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL GAS
PRODUCTION OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

(Form C-104)
Revised 7/1/57

Santa Fe, New Mexico

REQUEST FOR (OIL) - (GAS) ALLOWABLE

MAIN OFFICE OCC

*New Well
Recompletion

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Farmington, N.M., June, 25, 1964

(Place)

(Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Caulkins Oil Company Breech "A", Well No. D-136, in NE 1/4 NE 1/4,
(Company or Operator) (Lease)

A, Sec. 10, T. 26N, R. 6W, NMPM, Basin Dakota Pool
Unit Letter

Rio Arriba

County. Date Spudded. 11-26-63 Date Drilling Completed 12-19-63

Please indicate location:

D	C	B	A
E	F	G	H
L	K	J	I
M	N	O	P

Elevation 6645 KB Total Depth 7605 PBD 7593

Top Oil/Gas Pay 7297 Name of Prod. Form. Dakota

PRODUCING INTERVAL -

Perforations 7305-10, 7320-30, 7342-48, 7440-55, 7516-32

Open Hole none Depth Casing Shoe 7604 Depth Tubing 7309

OIL WELL TEST -

Natural Prod. Test: bbls. oil, bbls water in hrs, min. Size Choke

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): bbls. oil, bbls water in hrs, min. Size Choke

GAS WELL TEST -

Natural Prod. Test: no test MCF/Day; Hours flowed Choke Size

Method of Testing (pitot, back pressure, etc.):

Test After Acid or Fracture Treatment: 9772 MCF/Day; Hours flowed 3

Choke Size 3/4 Method of Testing: OCC Potential (1 pt. BP Test)

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand): 180,000# sand and 169,560 gallons of water.

Casing Press. 2286 Tubing Press. 2317 Date first new oil run to tanks

Oil Transporter Shell Oil Company

Gas Transporter Southern Union Gas Company

Remarks:

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

Approved. June 25, 1964, 19. 64 Caulkins Oil Company

(Company or Operator)

OIL CONSERVATION COMMISSION

By: Supervisor Dist # 3 Title Superintendent

Name: Frank Gray

Address: Box 780, Farmington, N. M.