

2/6/97

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

811 South First St., Artesia, NM 88210

DISTRICT III

1000 N. Brezina Rd., Aztec, NM 87410

RECEIVED

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 E. Pacheco
Santa Fe, New Mexico 87505-6429Form C-107-A
New 3-12-96

APPROVAL PROCESS:

Administrative Hearing

EXISTING WELLBORE

X YES NO

APPLICATION FOR DOWNHOLE COMMINGLING

Operator: Primero Operating, Inc. P.O. Box 1433, Roswell, New Mexico 88202-1433

EIDSON "A" WN 4 K-26-16S-35E LEA

OGRID NO. 018100 Property Code 19202 API NO. 30-025-2182100 Federal State (and/or) Fee X

The following facts are submitted in support of downhole commingling:	Upper Zone	Intermediate Zones	Lower Zone
1. Pool Name and Pool Code	59800 Townsend, ABO	230 2200	56290 Shoe Bar, Wolfcamp
2. Top and Bottom of Pay Section (Perforations)	8,662-8,750		10,148-10,154
3. Type of production (Oil or Gas)	OIL		OIL
4. Method of Production (Flowing or Artificial Lift)	PUMP		PUMP
5. Bottomhole Pressure Oil Zones - Artificial Lift: Gas & Oil - Flowing: All Gas Zones: Estimated Current Measured Current Estimated Or Measured Original	a. (Current) 1927 b. (Original) UNK	a. b.	a. UNK b. UNK
6. Oil Gravity (°API) or Gas BTU Content	35.5		37.8
7. Producing or Shut-in?	Pumping		SI
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: Rates:	Date: Rates:	Date: 9-28-96 Rates: 6.67 Oil 100 mcf/gas 0 Water
* If Producing, give date and oil/gas/water rates of recent test (within 60 days)	Date: 12/30/96 Rates: Oil 25.5 bbl Water 4.6 bbl Gas 9 mcf	Date: Rates:	Date: Rates:
8. Fixed Percentage Allocation Formula - % for each zone	Oil: 79% Gas: 8%	Oil: % Gas: %	Oil: 21% Gas: 92%

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? X 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 X 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. X Yes No (If No, attach explanation)

12. Are all produced fluids from all commingled zones compatible with each other? X Yes No

13. Will the value of production be decreased by commingling? Yes X 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. NMOC Reference Cases for Rule 303(C) Exceptions: ORDER NO(S).

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 P TITLE President DATE 1/7/97

TYPE OR PRINT NAME Phelps White TELEPHONE NO. (505) 622-1001

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

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

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

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

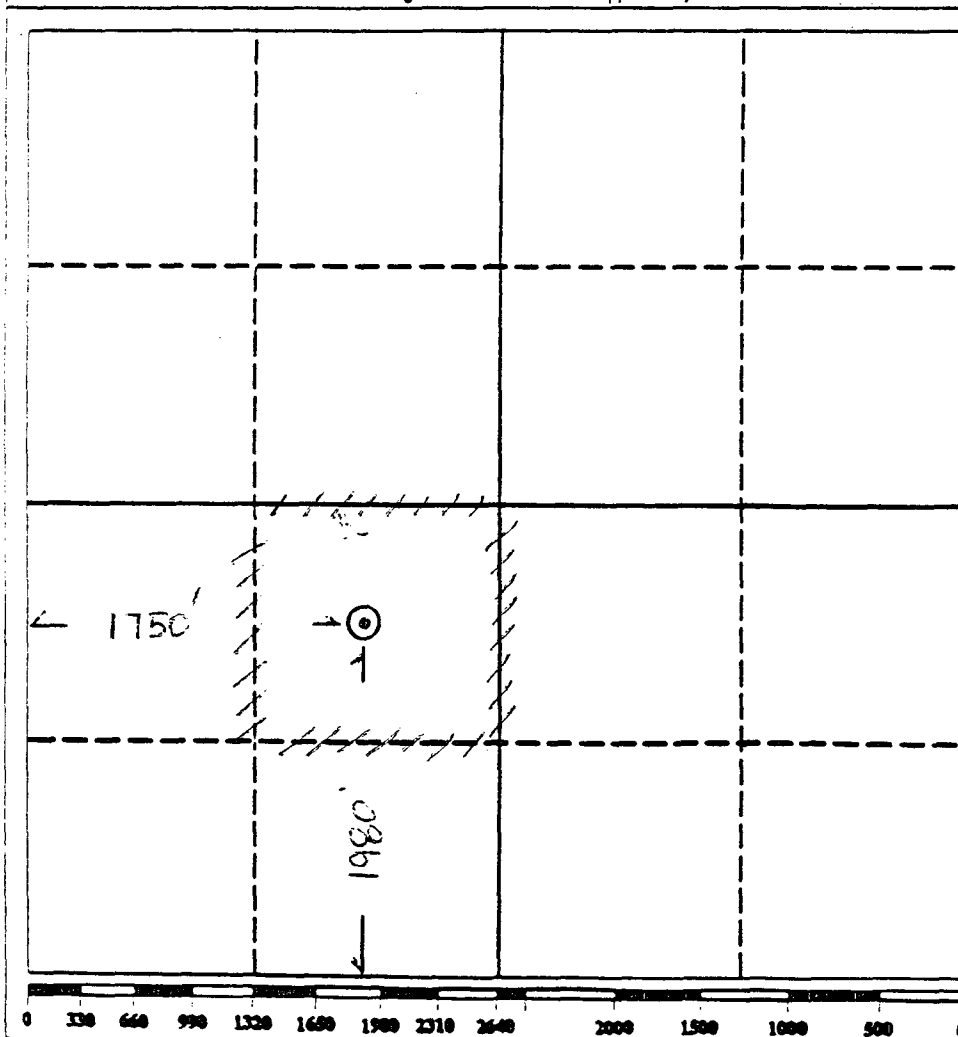
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator			Lease		Well No.
Primero Operating, Inc.			Eidson "A" WN		4
Unit Letter	Section	Township	Range	County	
K	26	16S	35E	NMPM Lea	
Actual Footage Location of Well:					
1980 feet from the		South	line and	1750 feet from the	West line
Ground level Elev.		Producing Formation		Pool	Dedicated Acreage.
3966		ABO		Townsend, ABO	40 Acres

- Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 interest 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 interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature

Phelps White

Printed Name

President

Position

Primero Operating, Inc.

Company

1/8/97

Date

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 my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

July 8, 1966

Signature & Seal of
Professional Surveyor

Surveyed by John West

Certificate No.

676

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

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Santa Fe, New Mexico 87504-2088

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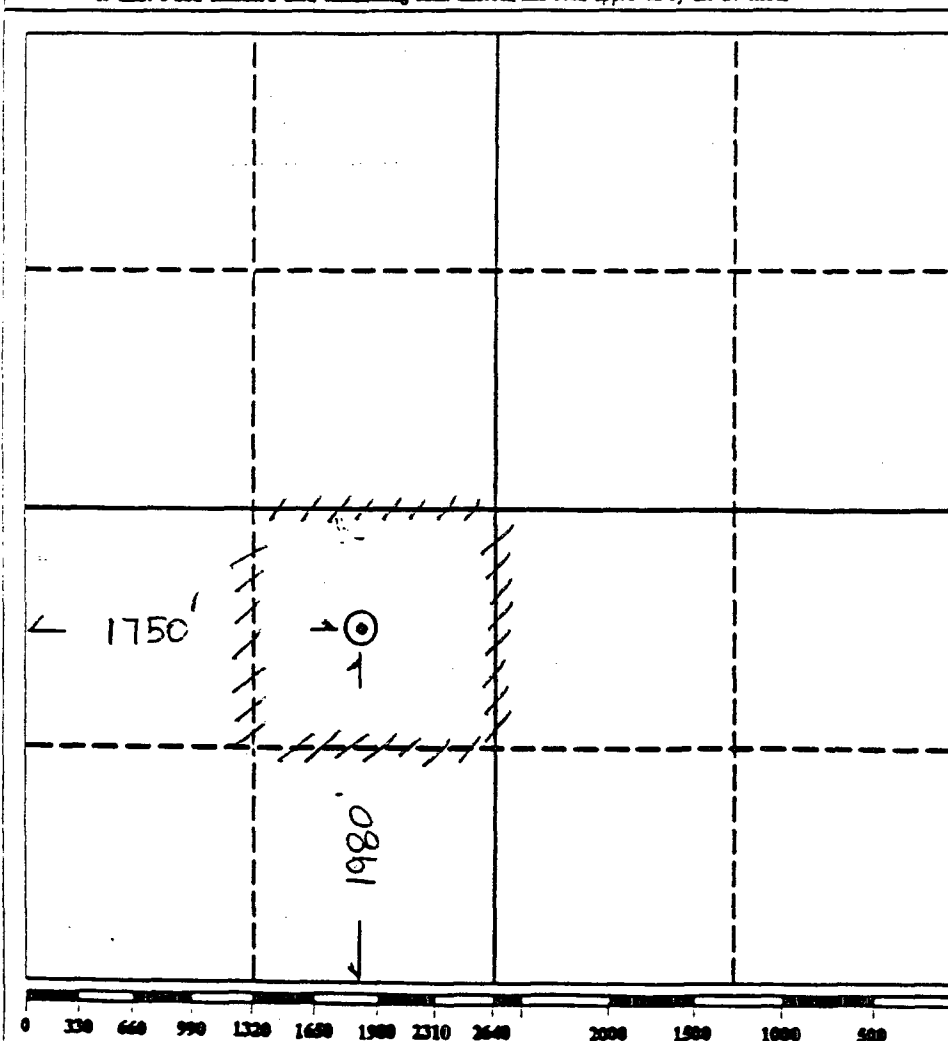
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1980	feet from the	South	line and	1750	feet from the
Ground level Elev.	Producing Formation	Pool	Dedicated Acreage.		
3966	Wolfcamp	Shoe Bar, Wolfcamp	Acres 40		

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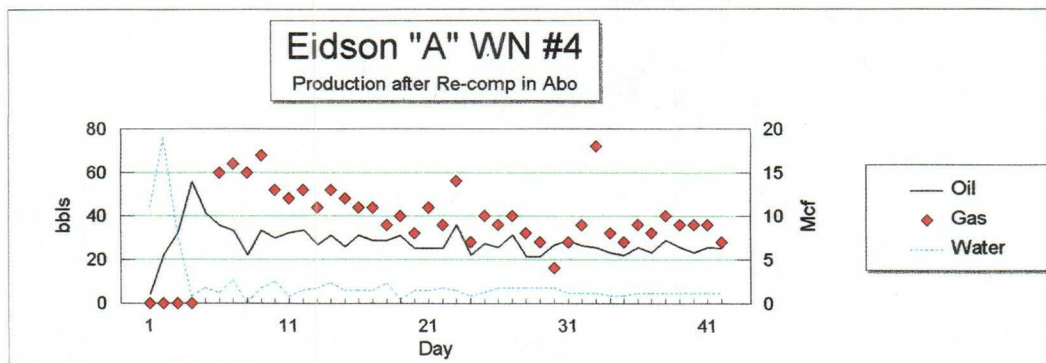
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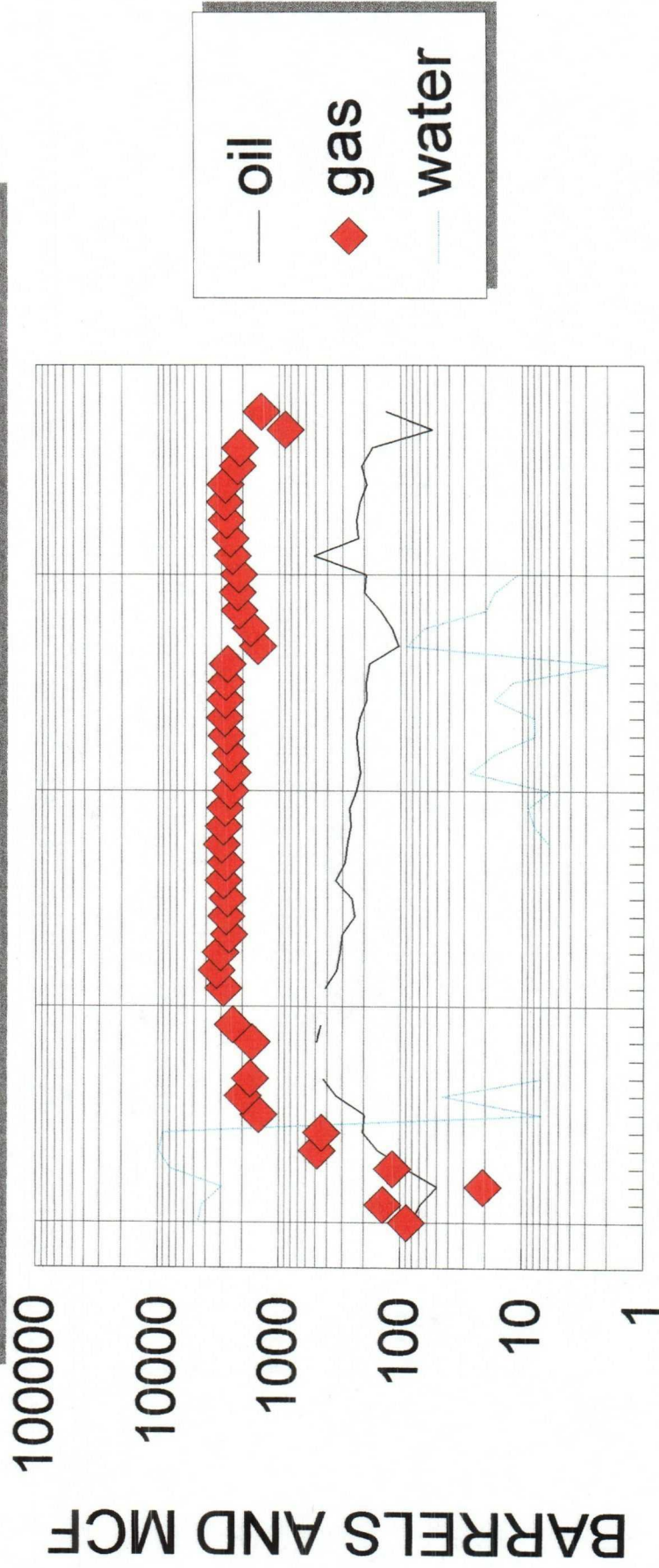


EIDSON "A" WN #4,
PRODUCTION FROM TOWNSEND ABO ZONE

Date	Oil	Gas	Water	FI	O/cut	GOR
11/20	4	0	44		8.3	0
11/21	22.04	0	76		22.5	0
11/22	32	0	32		50.0	0
11/23	55.68	0	3.1		94.7	0
11/24	41.7	22	6.9		85.8	528
11/25	35.96	15	4.6		88.7	417
11/26	33.64	16	10.44		76.3	476
11/27	22.04	15	0		100.0	681
11/28	33.64	17	7		82.8	505
11/29	30.16	13	10		75.1	431
11/30	32.48	12	3		91.5	369
12/01	33.64	13	5.8		85.3	386
12/02	26.68	11	6.96		79.3	412
12/03	31.32	13	9.28		77.1	415
12/04	26	12	5.8		81.8	462
12/05	31.32	11	5.8		84.4	351
12/06	29	11	5.8		83.3	379
12/07	29	9	9.28		75.8	310
12/08	31.31	10	1.6		95.1	319
12/09	25.25	8	5.8		81.3	317
12/10	25.25	11	5.8		81.3	436
12/11	25.25	9	6.96		78.4	356
12/12	35.9	14	5.8		86.1	390
12/13	22	7	3.4		86.6	318
12/14	27.5	10	5		84.6	364
12/15	25.5	9	6.9		78.7	353
12/16	31.32	10	6.9		81.9	319
12/17	21.5	8	6.9		75.7	372
12/18	21.52	7	6.96		75.6	325
12/19	26.68	4	6.96		79.3	150
12/20	29	7	4.64		86.2	241
12/21	26.6	9	4.64		85.1	338
12/22	25.52	18	4.64		84.6	705
12/23	23.2	8	3.48		87.0	345
12/24	22.04	7	3.48		86.4	318
12/25	25.52	9	4.64		84.6	353
12/26	23.2	8	4.64		83.3	345
12/27	29	10	4.64		86.2	345
12/28	25.52	9	4.64		84.6	353
12/29	23.2	9	4.64		83.3	388
12/30	25.52	9	4.64		84.6	353

EIDSON "A" WN #4

Monthly Production from Shoe Bar Wolfcamp Pool



oil	gas	water
9301	81	89
9302	69	140
9303	50	21
9304	91	117
9305	154	487
9306	205	446
9307	199	1467
9308	340	1984
9309	437	1732
9310	0	0
9311	494	1670
9312	455	2398
9401	0	0
9402	417	2890
9403	337	3271
9404	317	3049
9405	304	2604
9406	239	2743
9407	254	2670
9408	345	2883
9409	289	2774
9410	276	2980
9411	258	2872
9412	265	2784
9501	233	2526
9502	216	2431
9503	226	2555
9504	232	2735
9505	219	2821
9506	191	2790
9507	194	2766
9508	183	2661
9509	104	1495
9510	119	1721
9511	149	2141
9512	201	2206
9601	193	2168
9602	519	2431
9603	226	2555
9604	232	2735
9605	219	2821
9606	191	2790
9607	211	2208
9608	173	2111
9609	55	893
9610	134	1416

E1050N "A" WN #4

MONTHLY PRODUCTION

SHOE BAR - WOLF CAMP -

Attachment to Form C-107-A

Eidson "A" WN #4

Data to support allocation method

Pool	Test Data		
	Oil	Gas	Water
Townsend, Abo	25.5	9	4.6
Shoe Bar Wolfcamp	6.67	100	0
Total	32.17	109	4.6

Allocated Ratio of Production

Townsend, Abo	79.3%	8.3%	100.0%
Shoe Bar Wolfcamp	20.7%	91.7%	0.0%
Total Allocation	100.0%	100.0%	100.0%