

R 38 E

R 39 E

S. Lawrence	Ray C. Eaves	Ray C. Eaves, (S)	Valetta Fingado (S)	Valetta Fingado
Amerada 5-7-86	Anschutz 7-10-93	Anschutz 3-24-95 4-1-94 5-15-93	F.E.M.O.E.G. 9-5-89	
Emma G. Lawrence	C.S. Alves, et al W.V. Lawrence, (S)	Ralph Nix, et al Charlotte Anton Est.	W.V. Lawrence & Ray C. Eaves	Seth Alston, et al 8-4-91
Amerada 5-7-86	Anschutz 6-17-94 10-23-93 5-15-93	F.E.M.O.E.G. Rand O.G. Cone	Anschutz 12-20-93 1-9-94 4-12-94	Yates Pet, et al 4-1-94 8-12-90 14-92
S. Alves, et al Norman Jr. (S)	Mattie Garrett Emma Lawrence	Katherine Coyle, et al Emma Lawrence	R.K. Cone, et al Joe Tarbet (S)	U.S. M.I. W.V. Lawrence & Ray C. Eaves
Amerada 5-7-86	(J.L. Homen & Guil.)	F.E.M. Guil.	Anschutz 5-3-91 5-3-94	Yates Pet, et al 4-1-94 8-12-90 14-92 U.S. M.I.
A.R.C. M.I. Janita McQuilen	C.S. Alves, Jr, et al A.N. Norman, Jr. (S)	A.E.N. Energy, Inc. (V.F. Pet.) Cox J.V. Tarbet (S)	Anschutz 5-3-91 5-3-94	Anschutz 8-2-94, 5-11-94 10-19-93, 6-5-94 Caroline Sizer, M.I.
F.E.M.O.E.G. HBP	F.E.M.O.E.G.	F.E.M. Page Energy	Anschutz First Nat. Bank of Independence, Mo. J.V. Tarbet, (S)	Anschutz 8-3-94 4-1-94 8-16-93
Cell, et al, M.I. V. Lawrence	D. Black, et al, M.I. Emma Lawrence	Chevron HBP D. Black, et al, M.I. Emma Lawrence	Anschutz W.V. A.R.C. M.I. E. R.C. Tarbet (S) Eaves	Anschutz 6-28-94 5-3-94 W.V. Lawrence & E.R.C. Eaves
Been ordin, et al, M.I.	Blanco Co., et al M.I. Lola M. Plett, M.I. W.V. Lawrence, S	(Bi-State Loans) Homen & Guil. Lawrence to WC+50 "RFFort"	Anschutz 1-10-96	Anschutz 6-23-94 5-27-94 9-9-94
G. Barton, Jr. 5-16-93	F.E.M.O.E.G. (ARCO) Lawrence W.C.Disc. (P33)	F.E.M.O.E.G. (P.B.) F.D. Hardin, et al Mary Lee Norris	Anschutz 5-3-93 1-2-96 10-19-93, 11-18-94 8-6-94	J.K. Mathews (S) Geo. H. Echols (S)
Emma G. Lawrence, et al	G. Barton, Jr. 5-8-93 5-24-93 5-16-93	Bi-State Loans 11-5-91	Bi-State Loans 11-5-91	J.M. Cox, et al 8 J. Beardon (S)
G. Barton, Jr. 5-16-93	R.G. Barton, Jr. 5-16-93	ARCO Hardin 10-5-93 10-1-93	Jones Robinson Co. M.I.	Gertrude Ertel, et al, M.I.
	R.E.			



PRORATION UNIT



PROPOSED LOCATION

THE ANSCHUTZ CORPORATION

LAND PLAT

DIVISION MIDLAND	Basin	TAP FILE
AUTHOR	URIG DATE	REVISED DATE

Rand Oil & Gas, Inc.
Case No. 10752
Before Examiner Stogner
Exhibit No. /

T 17 S

RAND OIL & GAS, INC.

WORKING INTEREST OWNERS
E/2NW/4 SECTION 18
TOWNSHIP 17 SOUTH, RANGE 39 EAST
LEA COUNTY, NEW MEXICO

<u>OWNER</u>	<u>WORKING INTEREST</u>	<u>NET REVENUE INTEREST</u>
Arco Oil & Gas Company (1)	.5000	.5000
Enron Oil & Gas Company (2)	.2409	.1957
The Anschutz Corporation (4)	.1712	.1284
Southland Royalty Company (3)	.0775	.0775
Stanford Clinton, Jr.	<u>.0104</u>	.0104
	1.0000	

held in trust

- (1) Subject to Farmout Agreement dated May 20, 1993 between Arco and Anschutz.
- (2) Subject to Farmout Agreement dated April 30, 1993 between Enron and Anschutz.
- (3) Subject to Farmout Agreement dated May 25, 1993 between Southland and Anschutz.
- (4) Subject to Farmout Agreement dated November 23, 1992 between Anschutz and Rand Oil & Gas, Inc. which covers the Anschutz leasehold and the above farmout agreements.

APR-26-'93 10:53 ID:ANSCHUTZ MIDLAND *

TEL NO:1-915-686-0165

#384 P02



MIDLAND DIVISION OFFICE
4000 N. BIG SPRING
SUITE 209
MIDLAND, TEXAS 79706
TELEPHONE 915/686-0038

April 26, 1993

Mr. Stanford Clinton, Jr.
Three Bar Ranch
Recluse, WY 82725

RE: Proposed Devonian test
E/2 NW/4 Section 18
T-17-S, R-39-E
Lea County, New Mexico

Dear Mr. Clinton:

The Anschutz Corporation proposes the drilling of a 12,200' Devonian test at a location in the E/2 NW/4 Section 18, T-17-S, R-39-E, Lea County, New Mexico. We are enclosing a copy of our AFE showing a dry hole cost of \$480,000 and a completed cost of \$815,000 for this well.

According to our information, you own an undivided 1.0417% mineral interest in the E/2 NW/4 Section 18 which will be the proration unit for this well. We request that you either participate in the drilling of this well or grant Anschutz a one (1) year lease with a twenty-five percent (25%) royalty for a bonus consideration of \$150.00 per net acre.

We will appreciate your indicating below your decision, signing and returning one (1) copy of this letter. Should you elect to participate, we will furnish an operating agreement for your review and approval. Should you elect to lease, we will furnish an oil & gas lease and draft for the bonus consideration.

If you have questions in this regard, please do not hesitate to call me at the above telephone number.

Very truly yours,

THE ANSCHUTZ CORPORATION

Phil M. Whitsitt
Phil M. Whitsitt
Division Manager

☐ I elect to participate in this well.
☐ I elect to lease under the above terms.
☒ I elect to be pooled under terms set by the NMOC.

Stanford Clinton Jr
Stanford Clinton, Jr. 4/26/93

Rand Oil & Gas, Inc.
Case No. 10752
Before Examiner Stogner
Exhibit No. 3

DRILLING, COMPLETION AND WORKOVER AUTHORITY FOR EXPENDITURE - DETAIL



PROSPECT OR FIELD		OPERATOR	LEASE NAME	WELL NO.
San Simon		TAC	Arco "A"	No. 1
SUB ACCOUNT	INTANGIBLE COSTS	2110 DRILLING	2120 COMPLETION	TOTAL
0001	SURVEYS, PERMITS, SURFACE DAMAGES, LEGAL	5,000	5,000	10,000
0002	LOCATION, ROAD, RESTORE	30,000	4,000	34,000
0003	MOBILIZATION, DEMOBILIZATION			
0004	CONTRACT DRILLING & DAYWORK	240,000	15,000	255,000
0006	FUEL, LUBRICANTS, POWER			
0007	BITS, REAMERS & STABILIZERS			
0008	WATER	10,000	1,000	11,000
0009	MUD, CHEMICALS	20,000		20,000
0010	CEMENT, CEMENTING	20,000	18,000	38,000
0011	CASING CREWS, TOOLS		3,000	3,000
0012	EQUIPMENT RENTAL, MUD			
0013	EQUIPMENT RENTAL, AIR			
0014	EQUIPMENT RENTAL, DRILL STRING			
0015	EQUIPMENT RENTAL, OTHER	4,000	3,000	7,000
0017	CORING, CORE ANALYSIS	15,000	XXXXXXXX	15,000
0018	DRILL STEM TESTING	8,000		8,000
0019	LOGGING: DOWNHOLE & PERFORATING	25,000	6,000	31,000
0020	MUD LOGGING	8,000		8,000
0021	SUPERVISION: GEOLOGICAL		XXXXXXXX	
0022	SUPERVISION: DRILLING & COMPLETION	15,000	4,000	19,000
0024	OTHER INTANGIBLE COSTS	XXXXXXXX		
0026	COMMUNICATIONS	1,000		1,000
0027	TRANSPORTATION	3,000	2,000	5,000
0028	INSPECTIONS: TUBULARS, DRILL COLLARS, DRILL PIPES		10,000	10,000
0029	DIRECTIONAL DRILLING			
0031	STIMULATION: ACID, FRAC	XXXXXXXX		
0032	PRODUCTION TESTING, BPH, ENGINEERING	XXXXXXXX	2,000	2,000
1400	COMBINED FIXED RATE OVERHEAD	5,000	5,000	10,000
2800	INSURANCE	10,000		10,000
0033	CONTINGENCIES & TAXES MISCELLANEOUS	3,000	5,000	8,000
	TOTAL INTANGIBLE COSTS	422,000	83,000	505,000

		COMPLETED WELL		
SUB ACCOUNT	TANGIBLE COSTS	2111 DRILLING	2121 COMPLETION	TOTAL
	SURFACE CASING	10,000	XXXXXXXX	10,000
	INTERMEDIATE CASING	48,000	XXXXXXXX	48,000
	PRODUCTION CASING & LINERS	XXXXXXXX	90,000	90,000
	TUBING & DOWNHOLE EQUIPMENT	XXXXXXXX	45,000	45,000
	WELLHEAD EQUIPMENT	XXXXXXXX	5,000	5,000
	FLOWLINES	XXXXXXXX	5,000	5,000
	ARTIFICIAL LIFT EQUIPMENT	XXXXXXXX	60,000	60,000
	BATTERY & PRODUCTION EQUIPMENT	XXXXXXXX	35,000	35,000
	INSTALLATION, TRANSPORTATION OF LEASE EQUIPMENT	XXXXXXXX	12,000	12,000
	GAS SALES FACILITY	XXXXXXXX		
	COMPRESSORS	XXXXXXXX		
	BUILDINGS	XXXXXXXX		
	CONTINGENCIES & TAXES	XXXXXXXX		
	TOTAL TANGIBLE COSTS	58,000	252,000	310,000
	TOTAL WELL COSTS	480,000	335,000	815,000

Rand Oil & Gas, Inc.
 Case No. 10752
 Before Examiner Stogner
 Exhibit No. 4

1991

ERNST & YOUNG

West Texas and Eastern New Mexico-5 Oil Wells

Responses		Depth in Feet	Monthly Drilling Well Rates				Monthly Producing Well Rates			
			1991		1990		1991		1990	
1991	1990		Mean	Median	Mean	Median	Mean	Median	Mean	Median
194	133	0 - 5,000	\$3,208	\$3,000	\$2,931	\$3,000	\$319	\$300	\$291	\$300
125	100	5,001 - 10,000	4,200	4,000	3,955	4,000	432	400	291	350
44	30	10,001 - 15,000	5,281	5,128	5,184	5,400	524	540	485	500
7	9	15,001 - 20,000	6,204	7,000	5,947	5,000	651	718	548	520
4	6	20,001 -	5,754	4,500	7,236	6,543	630	500	694	669
21	20	No Depth Limit	4,160	4,390	3,573	3,000	432	450	401	350

West Texas and Eastern New Mexico-5 Gas Wells

Responses		Depth in Feet	Monthly Drilling Well Rates				Monthly Producing Well Rates			
			1991		1990		1991		1990	
1991	1990		Mean	Median	Mean	Median	Mean	Median	Mean	Median
85	87	0 - 5,000	\$2,885	\$3,000	\$2,805	\$3,000	\$293	\$300	\$290	\$300
60	71	5,001 - 10,000	4,110	4,000	3,898	4,000	398	400	359	350
24	28	10,001 - 15,000	5,105	5,000	5,196	5,000	526	513	471	475
8	11	15,001 - 20,000	5,879	7,000	5,887	6,000	658	700	502	520
5	4	20,001 -	6,006	7,014	6,544	6,134	647	718	678	670
20	18	No Depth Limit	4,182	4,390	3,661	3,300	431	450	393	330

Fixed-Rate Survey

Rand Oil & Gas, Inc.
Case No. 10752
Before Examiner Stogner
Exhibit No. 5

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

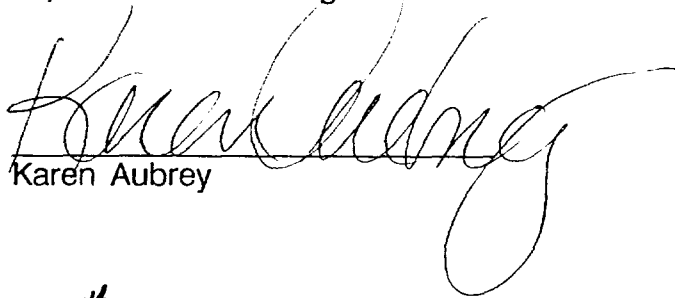
IN THE MATTER OF THE HEARING CALLED
BY THE OIL CONSERVATION DIVISION
FOR THE PURPOSE OF CONSIDERING:

APPLICATION OF RAND OIL AND GAS, INC.
FOR COMPULSORY POOLING
LEA COUNTY, NEW MEXICO

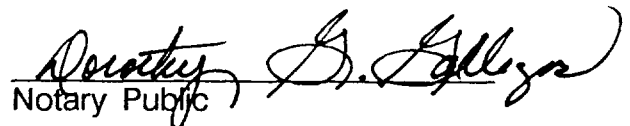
CASE NO: 10752

CERTIFICATE OF MAILING
AND
COMPLIANCE WITH RULE 1207

KAREN AUBREY, attorney in fact and authorized representative of Rand Oil and Gas, Inc., states that the notice provisions of Division Rule 1207 have been complied with, that Applicant has caused to be conducted a good faith diligent effort to find the correct addresses of all interested parties entitled to receive notice, that on June 7, 1993, I caused to be mailed by certified mail return-receipt requested notice of this hearing and a copy of the application for the above referenced case along with the cover letter, at least twenty days prior to the hearing set for July 1, 1993, to the parties shown in the application as evidenced by the attached copies of the return receipt cards, and that pursuant to Division Rule 1207, notice has been given at the correct addresses provided by such rule.


Karen Aubrey

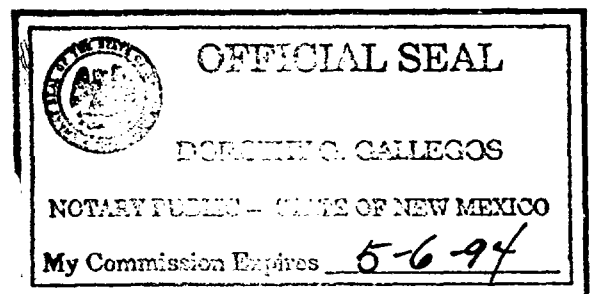
SUBSCRIBED AND SWORN to before me this 29th day of June, 1993


Notary Public

My Commission Expires:

May 6, 1994

Rand Oil & Gas, Inc.
Case No. 10752
Before Examiner Stogner
Exhibit No. 6



SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt Fee will provide you the signature of the person delivered to and the date of delivery.

I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address

2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Mr. Standford Clinton Jr.
Three Bar Ranch
Reduse, WY 82725

5. Signature (Addressee)

6. Signature (Agent)

4a. Article Number

PG70814366

4b. Service Type

☐ Registered

☐ Insured

☒ Certified

☐ COD

☐ Express Mail

☐ Return Receipt for Merchandise

7. Date of Delivery

6-17-93

8. Addressee's Address (Only if requested and fee is paid)

Rand

PETROLEUM INFORMATION MIDLAND REGION REPORT

SECTION III - 08/09/93

PAGE 34

NEW MEXICO DRILLING PROGRESS LEA COUNTY CONTINUED

PHILLIPS PET 11 EAST VACUUM (GBSA) UNIT TR 3456 API 30-025-32060 ■ LOC;	34-17S-35E SW NW 1340 FNL 712 FWL SEC IC 300257032893	VACUUM; 4900 GRAYBURG-SAN ANDRES. (FR 06/29/93MD) (ST APPD PMT: 06/28/93) OPER ADD: 4001 PENBROOK, ODESSA, TX, 79762 PHONE (915) 368-1266; EL: 3936 GR; LOCATION DATA: 4 MI SE BUCKEYE, NM ; (VERTICAL)	D
PHILLIPS PET 7 EAST VACUUM (GBSA) UNIT TRACT 3440 API 30-025-32057 ■ LOC;	34-17S-35E NW SW 2295 FSL 222 FWL SEC IC 300257032793	VACUUM; 4900 GRAYBURG-SAN ANDRES. (FR 06/29/93MD) (ST APPD PMT: 06/28/93) OPER ADD: 4001 PENBROOK, ODESSA, TX, 79762 PHONE (915) 368-1266; EL: 3935 GR; LOCATION DATA: 4 MI SE BUCKEYE, NM ; (VERTICAL)	D
RAND O&G 1 AMOCO COM API 30-025-32040 ■ CONTR: J S M DRLG, RIG #2; SPUD: 08/21/93, . . . DRLG, NO DETAILS (LDIR 08/04/93)	12-17S-38E SE NE 1980 FNL 660 FEL SEC IC 300257029993	KNOWLES SOUTH; 12250 DEVONIAN, (FR 06/21/93MD) (ST APPD PMT: 06/18/93) OPER ADD: 4006 BELTLINE RD, STE 290, ADDISON, TX, 75244 PHONE (214) 788-4962; EL: 3673 GR; LOCATION DATA: 2 MI NE KNOWLES, NM ; (VERTICAL)	D
RAND O&G 1 ARCO API 30-025-31846 ■ CONTR: NORTON DRLG, RIG #4; SPUD: 01/06/93, CSG: 8 5/8 @ 1500; (TD REACHED: 01/ 16/93), RIG REL: 01/18/93; PROD TEST(S): PERF (SAN ANDRES) INTERVAL - NO DETAILS, . . . 6000 TD, WO STATE FORMS (LDIR 07/21/93)	18-17S-39E SW SE 793 FSL 2271 FEL SEC IC 300257048792	WILDCAT; 6000 SAN ANDRES, (FR 12/31/92MD) (ST APPD PMT: 12/30/92) OPER ADD: 406 BELT LINE RD, STE 290, ADDISON, TX, 75244 PHONE (214) 788-4962; EL: 3651 GR; LOCATION DATA: 3 MI E KNOWLES, NM 1/4 MI SE/12062 (DVNN) OIL PROD IN KNOWLES S FLD ; (VERTICAL)	WS
RAND O&G 1 ARCO "A" COM API 30-025-31989 ■ CONTR: NORTON DRLG, RIG #15; SPUD: 06/01/93, CSG: 8 5/8 @ 412, 5 1/2 @ 12072; RIG REL: 07/08/93; . . . 12200 TD, SI (LDIR 07/22/93)	18-17S-39E SE NW 1980 FNL 1980 FWL SEC IC 300257021493	KNOWLES SOUTH; 12200 DEVONIAN, (FR 06/01/93MD) (ST APPD PMT: 05/28/93) OPER ADD: 4006 BELTLINE RD, STE 290, ADDISON, TX, 75244 PHONE (214) 788-4962; EL: 3608 GR; LOCATION DATA: 3 MI E KNOWLES, NM ; (VERTICAL)	D
MARALO INC 1 UNCLE SAM "13" FEDERAL API 30-025-32055 ■ CONTR: J S M DRLG, RIG #5; SPUD: 06/27/93, CSG: 8 5/8 @ 458 W/350 SX, 5 1/2 @ 5200 W/2325 SX; (TD REACHED: 07/ 12/93), RIG REL: 07/13/93; PROD TEST(S): PERF , 4995-5003, ACID (4995-5003) W/ 1200 GALS, 7 1/2% NEFE SWFR (4995-5003) W/ 44000 GALS, 105000 LBS SAND, . . . 5200 TD, WOPU (LDIR 08/06/93)	13-18S-32E SE NE 1650 FNL 990 FEL SEC IC 300257020393	CORBIN WEST; 5300 DELAWARE, (FR 05/25/93MD) (ST APPD PMT: 06/28/93) OPER ADD: BOX 832, MIDLAND, TX, 79702 PHONE (915) 684-7441; EL: 3844 GR; LOCATION DATA: 13 MI SW BUCKEYE, NM ; (VERTICAL)	D
SANTA FE ENERGY OPRTRNG 5 KACHINA "5" FEDERAL API 30-025-32038 ■ CONTR: RIG #2; SPUD: 07/03/93, . . . DRLG 16310 (LDIR 08/06/93)	5-18S-33E SW SW 660 FSL 990 FWL SEC IC 300257015393	CORBIN SOUTH; 11500 WOLFCAMP, (FR 05/05/93MD) OPER ADD: 500 W ILLINOIS, STE 500, MIDLAND, TX, 79701 PHONE (915) 687-3551; EL: 3959 GR; LOCATION DATA: 11 MI SW BUCKEYE, NM ; (VERTICAL)	D
SOUTHLAND ROYALTY 31 WEST CORBIN FEDERAL API 30-025-32125 ■ CONTR: EXETER DRLG, RIG #73; SPUD: 07/31/93, . . . DRLG, NO DETAILS (LDIR 08/05/93)	8-18S-33E NW SE 2130 FSL 1980 FEL SEC IC 300257030093	CORBIN SOUTH; 11500 WOLFCAMP, (FR 06/21/93MD) (ST APPD PMT: 07/15/93) OPER ADD: BOX 51810, MIDLAND, TX, 79710-1810 PHONE (915) 688-6800; EL: 3900 GR; LOCATION DATA: 10 MI SE MALJAMAR, NM ; (VERTICAL)	D
SOUTHLAND ROYALTY 10 FEDERAL "MA" API 30-025-32124 ■ LOC;	21-18S-33E SW NE 2180 FNL 2020 FEL SEC IC 300257030193	CORBIN SOUTH; 11550, (FR 06/21/93MD) (ST APPD PMT: 07/15/93) OPER ADD: BOX 51810, MIDLAND, TX, 79710-1810 PHONE (915) 688-6800; EL: 3829 GR; LOCATION DATA: 10 MI SE MALJAMAR, NM ; (VERTICAL)	D
TEXACO EXPL & PROD 12 NEW MEXICO "L" STATE API 30-025-31992 ■ CONTR: TMBR SHARP DRLG, RIG #17; SPUD: 07/24/93, CSG: 8 5/8 @ 1476; . . . DRLG 6905 (LDIR 08/06/93)	1-18S-34E SE NE 1880 FNL 660 FEL SEC IC 300257021593	VACUUM; 7950 DRINKARD, (FR 06/01/93MD) (ST APPD PMT: 05/28/93) OPER ADD: BOX 3109, MIDLAND, TX, 79702 PHONE (915) 688-4100; EL: 3983 GR; LOCATION DATA: 2 MI S BUCKEYE, NM ; (VERTICAL)	D
TEXACO EXPL & PROD 26 NEW MEXICO "R" STATE NCT-3 API 30-025-31993 ■ CONTR: TMBR SHARP DRLG, RIG #17; SPUD: 06/11/93, CSG: 8 5/8 @ 1470 W/650 SX, 5 1/2 @ 8000 W/1750 SX; LOG TYPES: CNL, DLL, FMF, GR, LDT, LSS, MSFL; CORE # 1 (DRINKARD) 7500-7535 REC: 29.40 FT NO DESCRIPTION AVAILABLE CORE # 2 (DRINKARD) 7535-7594 REC: 59 FT NO DESCRIPTION AVAILABLE CORE # 3 (DRINKARD) 7594-7654 REC: 60 FT NO DESCRIPTION AVAILABLE CORE # 4 (DRINKARD) 7654-7714 REC: 60 FT NO DESCRIPTION AVAILABLE CORE # 5 (DRINKARD) 7714-7774 REC: 60 FT NO DESCRIPTION AVAILABLE CORE # 6 (DRINKARD) 7774-7834 REC: 60 FT NO DESCRIPTION AVAILABLE; RIG REL: 07/04/93; PROD TEST(S): PERF (DRINKARD), 7585-7587, 7591-7597, 7600-7655, 7660-7670, 7681-7685, 7698-7710, 7714-7744, 7748-7752, 7756-7756, 7761-7763, 7766-7768, 7799-7802, 7814-7822, 7826-7829, ACID (7585-7829), PPD 75 BO, 1 BLW 7 HRS . . . 8000 TD, PB 7950, RNG TBG (LDIR 08/06/93)	1-18S-34E NW SE 1980 FSL 1755 FEL SEC IC 300257021693	VACUUM; 8000 DRINKARD, (FR 06/01/93MD) (ST APPD PMT: 05/28/93) OPER ADD: BOX 3109, MIDLAND, TX, 79702 PHONE (915) 688-4100; EL: 3987 GR; LOCATION DATA: 2 MI S BUCKEYE, NM ; (VERTICAL)	D

PETROLEUM INFORMATION MIDLAND REGION REPORT

SECTION III - 07/26/93

PAGE 1

NEW MEXICO DRILLING PROGRESS LEA COUNTY CONTINUED

PHILLIPS PET 1 EAST VACUUM (GBSA) UNIT TR 3366 API 30-025-32063 ■ LOC;	33-17S-35E SW NW 1560 FNL 1080 FWL SEC IC 300257032593	VACUUM; 4900 GRAYBURG-SAN ANDRES, (FR 06/29/93MD) (ST APPD PMT: 06/28/93) OPER ADD: 4001 PENBROOK, ODESSA, TX, 79762 PHONE (915) 368-1266; EL: 3946 GR; LOCATION DATA: 3 MI SE BUCKEYE, TX ; (VERTICAL)	D
PHILLIPS PET 2 EAST VACUUM (GBSA) UNIT TR 3373 API 30-025-32064 ■ LOC;	33-17S-35E NE SW 1700 FSL 1640 FWL SEC IC 300257032693	VACUUM; 4900 GRAYBURG-SAN ANDRES, (FR 06/29/93MD) (ST APPD PMT: 06/28/93) OPER ADD: 4001 PENBROOK, ODESSA, TX, 79762 PHONE (915) 368-1266; EL: 3949 GR; LOCATION DATA: 3 MI SE BUCKEYE, NM ; (VERTICAL)	D
PHILLIPS PET 11 EAST VACUUM (GBSA) UNIT TR 3456 API 30-025-32060 ■ LOC;	34-17S-35E SW NW 1340 FNL 712 FWL SEC IC 300257032893	VACUUM; 4900 GRAYBURG-SAN ANDRES, (FR 06/29/93MD) (ST APPD PMT: 06/28/93) OPER ADD: 4001 PENBROOK, ODESSA, TX, 79762 PHONE (915) 368-1266; EL: 3936 GR; LOCATION DATA: 4 MI SE BUCKEYE, NM ; (VERTICAL)	D
PHILLIPS PET 7 EAST VACUUM (GBSA) UNIT TRACT 3440 API 30-025-32057 ■ LOC;	34-17S-35E NW SW 2295 FSL 222 FWL SEC IC 300257032793	VACUUM; 4900 GRAYBURG-SAN ANDRES, (FR 06/29/93MD) (ST APPD PMT: 06/28/93) OPER ADD: 4001 PENBROOK, ODESSA, TX, 79762 PHONE (915) 368-1266; EL: 3935 GR; LOCATION DATA: 4 MI SE BUCKEYE, NM ; (VERTICAL)	D
RAND O&G 1 AMOCO COM API 30-025-32040 ■ CONTR: J S M DRLG, RIG #2;SPUD: 06/21/93, . . . DRLG, NO DETAILS (LDIR 07/21/93)	12-17S-38E SE NE 1980 FNL 660 FEL SEC IC 300257029993	KNOWLES SOUTH; 12250 DEVONIAN, (FR 06/21/93MD) (ST APPD PMT: 06/18/93) OPER ADD: 4006 BELTLINE RD, STE 290, ADDISON, TX, 75244 PHONE (214) 788-4962; EL: 3673 GR; LOCATION DATA: 2 MI NE KNOWLES, NM ; (VERTICAL)	D
RAND O&G 1 ARCO API 30-025-31846 ■ CONTR: NORTON DRLG, RIG #4;SPUD: 01/06/93, CSG: 8 5/8 @ 1500; (TD REACHED: 01/ 16/93), RIG REL: 01/18/93; PROD TEST(S): PERF (SAN ANDRES) INTERVAL - NO DETAILS, . . . 6000 TD, WO STATE FORMS (LDIR 07/21/93)	18-17S-39E SW SE 793 FSL 2271 FEL SEC IC 300257048792	WILDCAT; 6000 SAN ANDRES, (FR 12/31/92MD) (ST APPD PMT: 12/30/92) OPER ADD: 406 BELT LINE RD, STE 290, ADDISON, TX, 75244 PHONE (214) 788-4962; EL: 3651 GR; LOCATION DATA: 3 MI E KNOWLES, NM 1/4 MI SE/12062 (DVNN) OIL PROD IN KNOWLES S FLD ; (VERTICAL)	WS
RAND O&G 1 ARCO "A" COM API 30-025-31989 ■ CONTR: NORTON DRLG, RIG #15;SPUD: 06/01/93, CSG: 8 5/8 @ 412, 5 1/2 @ 12072; RIG REL: 07/08/93; . . . 12200 TD, SI (LDIR 07/22/93)	18-17S-39E SE NW 1980 FNL 1980 FWL SEC IC 300257021493	KNOWLES SOUTH; 12200 DEVONIAN, (FR 06/01/93MD) (ST APPD PMT: 05/28/93) OPER ADD: 4006 BELTLINE RD, STE 290, ADDISON, TX, 75244 PHONE (214) 788-4962; EL: 3608 GR; LOCATION DATA: 3 MI E KNOWLES, NM ; (VERTICAL)	D
MARALO INC 1 UNCLE SAM "13" FEDERAL API 30-025-32055 ■ CONTR: J S M DRLG, RIG #5;SPUD: 06/27/93, CSG: 8 5/8 @ 458 W/350 SX, 5 1/2 @ 5200; (TD REACHED: 07/ 12/93), RIG REL: 07/13/93; . . . 5200 TD, WOCT (LDIR 07/20/93)	13-18S-32E SE NE 1650 FNL 990 FEL SEC IC 300257020393	CORBIN WEST; 5300 DELAWARE, (FR 05/25/93MD) (ST APPD PMT: 06/28/93) OPER ADD: BOX 832, MIDLAND, TX, 79702 PHONE (915) 684-7441; EL: 3844 GR; LOCATION DATA: 13 MI SW BUCKEYE, NM ; (VERTICAL)	D
SANTA FE ENERGY OPRNG 1 WATKINS "29" FEDERAL IC 30-025-70274-93 ■ LOC;	29-18S-32E SE SW 660 FSL 1980 FWL SEC	LUSK NORTH; 8750 BONE SPRING, (FR 06/11/93MD) OPER ADD: 500 W ILLINOIS, STE 500, MIDLAND, TX, 79701 PHONE (915) 687-3551; EL: 3707 GR; LOCATION DATA: 12 MI S MALJAMAR, NM ; (VERTICAL)	D
SANTA FE ENERGY OPRNG 2 WATKINS "32" STATE API 30-025-32010 ■ LOC;	32-18S-32E NE NW 660 FNL 1980 FWL SEC IC 300257024793	LUSK NORTH; 8750 BONE SPRING, (FR 06/08/93MD) (ST APPD PMT: 06/07/93) OPER ADD: 500 W ILLINOIS, STE 500, MIDLAND, TX, 79701 PHONE (915) 687-3551; EL: 3706 GR; LOCATION DATA: 10 MI S MALJAMAR, NM ; (VERTICAL)	D
SANTA FE ENERGY OPRNG 5 KACHINA "5" FEDERAL API 30-025-32038 ■ CONTR: ZIADRIL INC, RIG #2;SPUD: 07/03/93, . . . DRLG 7825 (LDIR 07/22/93)	5-18S-33E SW SW 660 FSL 990 FWL SEC IC 300257015393	CORBIN SOUTH; 11500 WOLFCAMP, (FR 05/05/93MD) OPER ADD: 500 W ILLINOIS, STE 500, MIDLAND, TX, 79701 PHONE (915) 687-3551; EL: 3959 GR; LOCATION DATA: 11 MI SW BUCKEYE, NM ; (VERTICAL)	D
SOUTHLAND ROYALTY 31 WEST CORBIN FEDERAL API 30-025-32125 ■ LOC;	8-18S-33E NW SE 2130 FSL 1980 FEL SEC IC 300257030093	CORBIN SOUTH; 11500 WOLFCAMP, (FR 06/21/93MD) (ST APPD PMT: 07/15/93) OPER ADD: BOX 51810, MIDLAND, TX, 79710-1810 PHONE (915) 688-6800; EL: 3900 GR; LOCATION DATA: 10 MI SE MALJAMAR, NM ; (VERTICAL)	D
SANTA FE ENERGY OPRNG 1 KACHINA "9" FED API 30-025-31787	9-18S-33E NE NW 490 FNL 2131 FWL SEC IC 300257036392	CORBIN SOUTH; 11500 WOLFCAMP, (FR 10/02/92MD) OPER ADD: 500 W ILLINOIS, SUITE 500, MIDLAND, TX, 79701 PHONE (915) 687-3551; EL: 3974 KB; LOCATION DATA: 10 MI SW BUCKEYE, NM ; (VERTICAL) WELL ID CHANGES: FTG CHGD FROM 740 FNL, 1730 FWL FTG CHGD FROM 1470 FNL, 2131 FWL	D D&A

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

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

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

WELL API NO.

30-025-31989

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. 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. Type of Well:

OIL
WELL ☒

GAS
WELL ☐

OTHER

2. Name of Operator

Rand Oil & Gas, Inc.

3. Address of Operator

4006 Beltline Road, Suite 290, Addison, Texas 75244

4. Well Location

Unit Letter F : 1980 Feet From The north Line and 1980 Feet From The west Line

Section 18

Township 17S

Range 39E

NMPM

Lea

County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

3670.5 GR

11.

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

PULL OR ALTER CASING ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐

ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐

PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☒

OTHER: ☐

12. 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.

Please see attached for details of cementing job and casing test.

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

SIGNATURE

Jan A. DeVault

TITLE

agent

DATE

12 July 1993

(915) 694-6059

TYPE OR PRINT NAME

Jan A. DeVault

TELEPHONE NO.

(This space for State Use)

APPROVED BY

[Signature]

TITLE

DISTRICT 1 SUPERVISOR JUL 15 1993

DATE

CONDITIONS OF APPROVAL, IF ANY:

'93 JUL 14 AM 9 49

INFORMATION REQUIRED FOR C-103

1. Well Name: Arco A Com
2. Location: Unit F, 1980' FN&W lines, Sec. 18, T-17-S, R-39-E
Lea County, New Mexico
3. Date: 7 July 1993
4. Grade, weight, and footage of pipe set:
5½, 8rd, 20#, N-80, IT&C, 12,072'
5. Volume of cement slurry (cubic feet):
704 cu. ft.
6. Brand name of cement and additives, % of additives used, and sequence of placement if more than one type of slurry used.
50/50 Premium Pozmix; 2% gel, 5#/sk KCL, 0.4% CER-3, 0.4% Halad-22A
7. Approximate temperature of cement slurry when mixed
80°
8. Estimated minimum formation temperature in "zone of interest"
135° F
9. Estimate of cement strength at time of casing test
1992
10. What was the time the cement was in place prior to starting the casing test?
24 hr.
11. Results of 30 minute casing test:
Pressure held on pipe 800#
Any pressure drop observed? No.

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Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

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

OIL CONSERVATION DIVISION

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

Box 2088
Santa Fe, New Mexico 87504-2088

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

WELL API NO.
30-025-31989

5. Indicate Type of Lease
STATE ☐ FEE ☒

6. 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. Type of Well:
OIL WELL ☒ GAS WELL ☐ OTHER

2. Name of Operator
Rand Oil & Gas, Inc.

7. Lease Name or Unit Agreement Name

Arco A Com

8. Well No.
1

3. Address of Operator
4006 Beltline Rd., Suite 290, Addison, Texas 75244

9. Pool name or Wildcat
South Knowles - Devonian

4. Well Location
Unit Letter F : 1980 Feet From The north Line and 1980 Feet From The west Line
Section 18 Township 17S Range 39E NMPM Lea County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)
3670.5 GR

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

PULL OR ALTER CASING ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☒

OTHER: ☐

12. 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.

Please see attached for details of cementing job and casing test.

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

SIGNATURE Jan A. DeVault TITLE agent

DATE 21 June 1993

TYPE OR PRINT NAME Jan A. DeVault

915 694-6059

TELEPHONE NO.

(This space for State Use)

DISTRICT 1 SUPERVISOR

JUN 23 1993

APPROVED BY [Signature] TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

OIL CONSERVATION DIVISION
OIL CONSERVATION DIVISION

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

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210
Santa Fe, NM 87504-2088

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

WELL API NO.
30-025-31989

5. Indicate Type of Lease
STATE ☐ FEE ☒

6. 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. Type of Well:
OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. Name of Operator
Rand Oil & Gas, Inc.

3. Address of Operator
4006 Beltline Rd., Suite 290, Addison, Texas 75244

4. Well Location
Unit Letter F : 1980 Feet From The north Line and 1980 Feet From The west Line
Section 18 Township 17S Range 39E NMPM Lea County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)
3670.5 GR

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

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

12. 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.

Drilling operations were commenced at 10:00 a.m. on 1 June 1993.

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

SIGNATURE Jan A. DeVault TITLE agent

TYPE OR PRINT NAME Jan A. DeVault

DATE 3 June 1993
(915) 694-6059
TELEPHONE NO.

(This space for State Use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

DISTRICT 1 SUPERVISOR

JUN - 7 1993

TITLE

DATE

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

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

OIL CONSERVATION DIVISION

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

WELL API NO.
30-025-31989

5. Indicate Type of Lease
STATE ☐ FEE ☒

6. 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. Type of Well:
OIL WELL ☒ GAS WELL ☐ OTHER

2. Name of Operator
Rand Oil & Gas, Inc.

3. Address of Operator
4006 Beltline Rd., Suite 290, Addison, Texas 75244

4. Well Location
Unit Letter F : 1980 Feet From The north Line and 1980 Feet From The west Line
Section 18 Township 17S Range 39E NMPM Lea County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)
3670.5 GR

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

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

12. 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.

Casing program altered from C-101.

Results of casing test and cementing job see attached.

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

SIGNATURE Jan A. DeVault TITLE agent DATE (915) 694-6059
TYPE OR PRINT NAME Jan A. DeVault TELEPHONE NO.

(This space for State Use)

APPROVED BY [Signature] TITLE DISTRICT 1 SUPERVISOR DATE JUN - 9 1993
CONDITIONS OF APPROVAL, IF ANY:

INFORMATION REQUIRED FOR C-103

1. Well Name: Arco A-1 Com
2. Location: 1980' FN&W Lines, Sec. 18, 17-S, 39-E, Lea Co., NM

3. Date: 1 June 1993

4. Grade, weight, and footage of pipe set:
* 12 3/4" OD 8rd 35#, ST&C, 406.75'

5. Volume of cement slurry (cubic feet):
686 cu feet

6. Brand name of cement and additives, % of additives used, and sequence of placement if more than one type of slurry used.

Lonestar cement - CLASS C + 2% S1 Dowell Additive

7. Approximate temperature of cement slurry when mixed
80°F

8. Estimated minimum formation temperature in "zone of interest"
80°F

9. Estimate of cement strength at time of casing test

6 hrs 650 psi
12 hrs 1550 psi

10. What was the time the cement was in place prior to starting the casing test?

8 1/2 hours

11. Results of 30 minute casing test:

Pressure held on pipe 1000 psi

Any pressure drop observed? no

* denotes change from C-101.

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

OIL CONSERVATION DIVISION

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

API NO. (assigned by OCD on New Wells)

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:

DRILL ☒

RE-ENTER ☐

DEEPEN ☐

PLUG BACK ☐

b. Type of Well:

OIL
WELL ☒

GAS
WELL ☐

OTHER ☐

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

7. Lease Name or Unit Agreement Name

Arco

2. Name of Operator

Rand Oil & Gas, Inc.

8. Well No.

271

3. Address of Operator

4006 Beltline Rd., Suite 290, Addison, Texas 75244

9. Pool name or Wildcat

South Knowles

4. Well Location

Unit Letter F: 1980 Feet From The north Line and 1980 Feet From The west Line

Section 18

Township 17S

Range 39E

NMPM

Lea

County

10. Proposed Depth

12,200

11. Formation

Devonian

12. Rotary or C.T.

Rotary

13. Elevations (Show whether DF, RT, GR, etc.)

14. Kind & Status Plug. Bond

15. Drilling Contractor

Morton

16. Approx. Date Work will start

May 1, 1993

17. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
15"	12-3/4"	42#	400'	500 sx	surface
11"	8-5/8"	24, 28, & 32#	4900'	2500 sx	surface
7-7/8"	5-1/2"	17 & 20#	12,200'	1500 sx	11,000'

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE 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.

SIGNATURE

S. T. Miller

TITLE geologist

DATE 1-6-93

TYPE OR PRINT NAME

S. T. Miller

TELEPHONE NO. (915) 694-6051

(This space for State Use)

APPROVED BY

Jerry [Signature]

TITLE

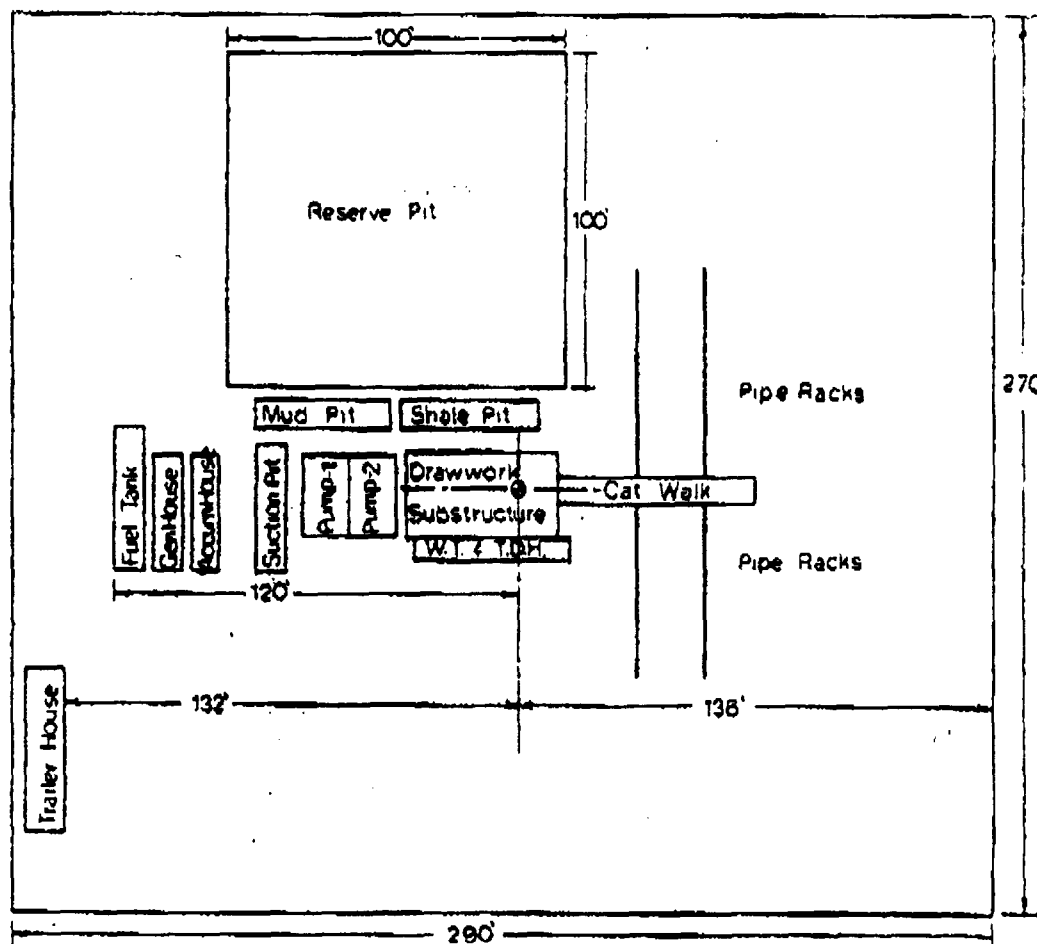
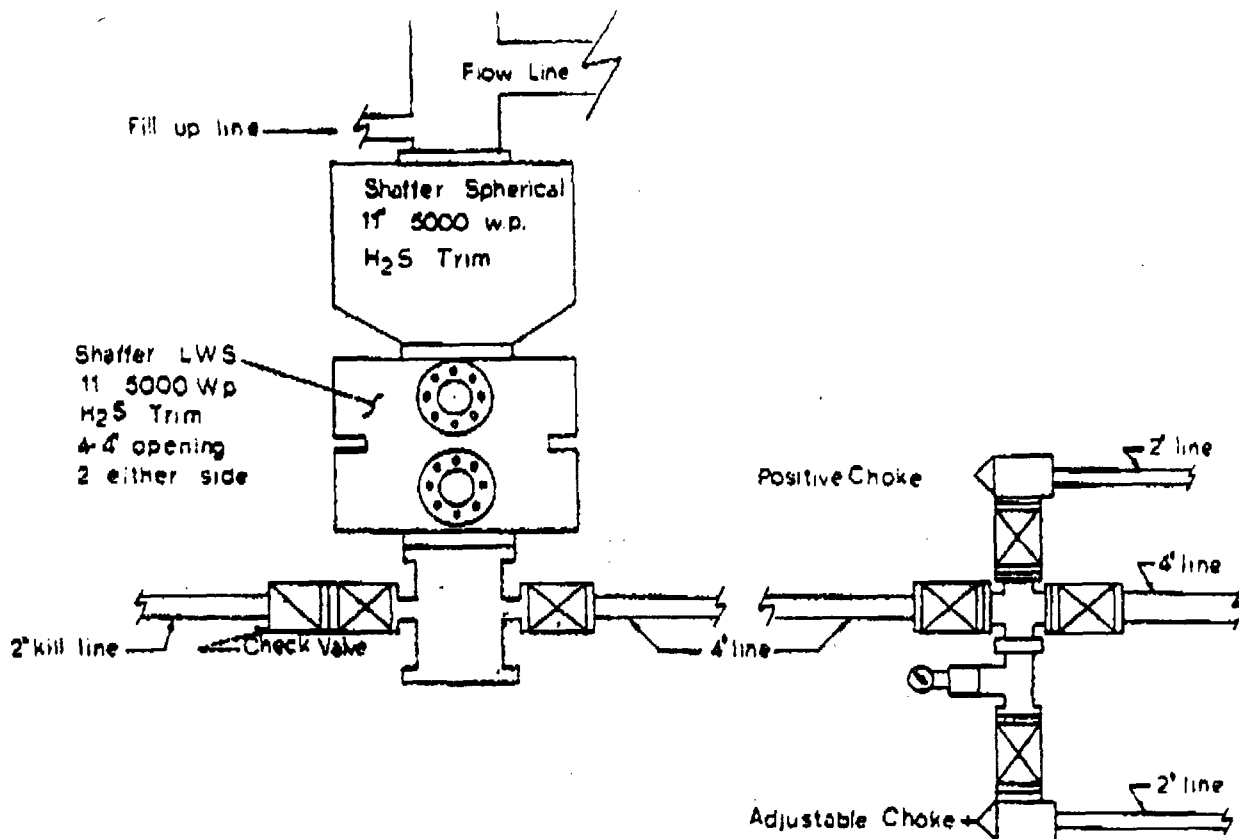
DISTRICT 1 SUPERVISOR

DATE

MAY 28 1993

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval
Date Unless Drilling Underway



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

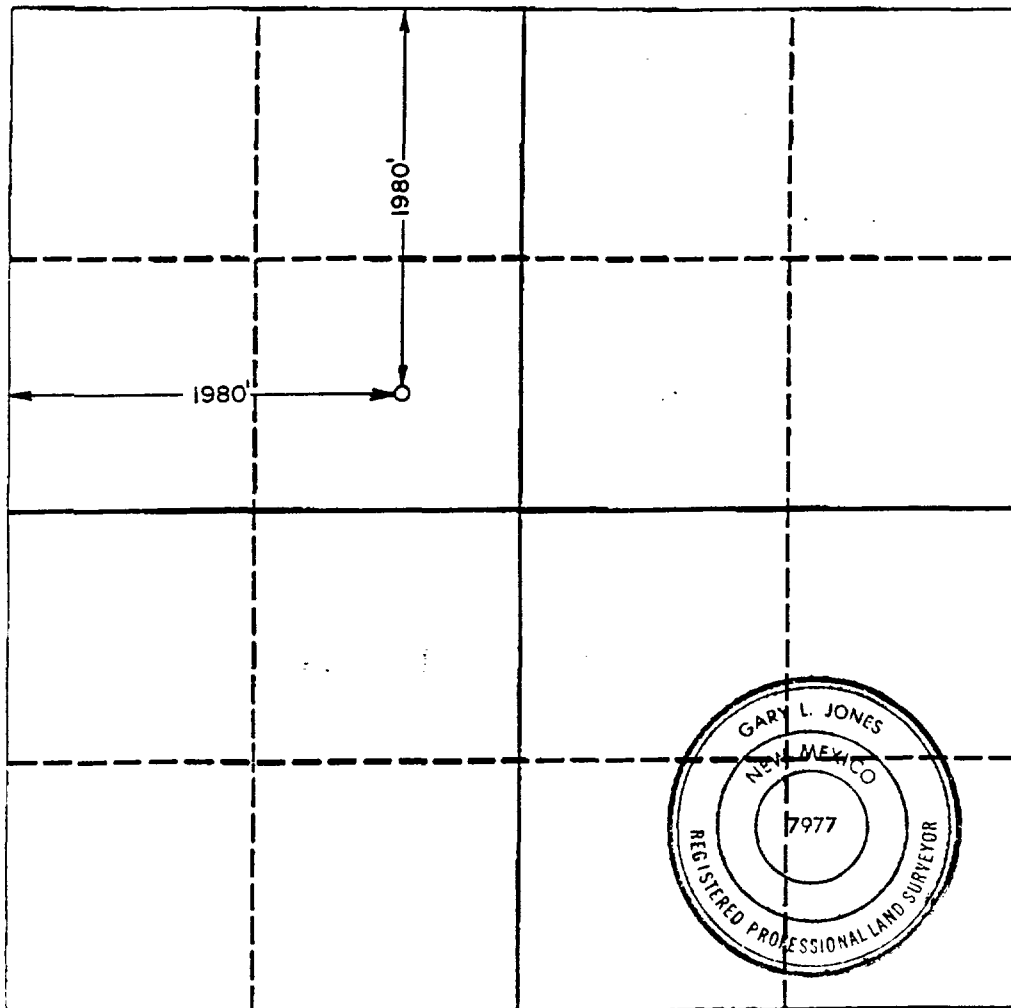
All Distances must be from the outer boundaries of the section

Operator Rand Oil & Gas			Lease Arco A Com		Well No. 27
Unit Letter F	Section 18	Township 17S	Range 39E	County Lea	

Actual Footage Location of Well:

1980	feet from the	north	line and	1980	feet from the	west	line
Ground level Elev. 3670.5'	Producing Formation Devonian		Pool South Knowles		Dedicated Acreage: 40.40 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 communitization
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 <i>S. T. Miller</i>
Printed Name S. T. Miller
Position Geologist
Company Rand Oil & Gas, Inc.
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 May 25, 1993
Signature & Seal of Professional Surveyor <i>Gary L. Jones</i>
Certificate No. No 7977

93-11-0975



RE: Name change on well from Rand Arco #2 to Rand Arco "A"-1
to be located 1980 FNL and 1980 FWL, Section 18, T-17S, R-39-E,
Lea County, New Mexico

TO: Evelyn

FROM: Jan DeVault (915) 694-6059/office
(915) 694-4805/fax

We are submitting a request that a change of name for a well
which has been recently ~~been~~ surveyed, be made by you when the
C-101 and C-102 come across your desk.

The forms were prepared prior to receiving our title opinion and
we did not realize that this would be the first well drilled on
a separate lease.

Thank you for your assistance in this matter.

Jan DeVault

\$10,000 bond app. 5/28/93

1980/N + 1980/W 18-17-39

-8564 +

LOW PROVED OIL(-8520)

O/W content

51% present

1954

11

14

23

19

J.L. HAMON

CHEVRON

"COOPER"

"CONE"

ATLANTIC
(J.L. HAMON)
R.K. CONE

-8493

-8439

-8418

-8465

-8473

-8401

-8383

BELCO

-8479

"COX"

J.L. HAMON

"DAVIS-
-FED"

"BROOKS"

PROPOSED LOC.

-8396

-8360

-8360

-8366

-8402

-8345

-8360

BELCO

-8353

GULF

HOLLOWAY

-8360

-8359

(J.L. HAMON)

WILLIAMSON

(J.L. HAMON)

-8465

-8410

-8490

-8419

"AMERAD-HARDIN"

(HAMON)

"LAWRENCE"

-8509

-8509

-8509

(ARCO)

"FORT"

"MORRIS"

-8544

-8497

"LAWRENCE"

-8600

LOW PROVED OIL(-8564)

TD 5896'

T-17-S

R-38-E

R-39-E

THE ANSCHUTZ CORPORATION
SAN SIMON PROSPECT

LEA COUNTY NEW MEXICO

STRUCTURE
TOP OF DEVONIAN
C.I. #50'

DATE: 6-93

SCALE: 1" = 2000'

Rand Oil & Gas, Inc.
Case No. 10752
Before Examiner Stogner
Exhibit No. 7

11

J.L. HAMON

12

"COOPER"

3-55^{1A}

41,791

6-93 CHEVRON

11-86

29,180

4-55

T.ABD.

435,470

12-54

1,110,554

9-54

130,316

ATLANTIC
(J.L. HAMON)
R.K. CONE

14

11-54

214,937

V-F PETR.

"COX" 2-80

61,612

9-54

215,438

J.L. HAMON

10-75

224,443

"DAVIS-
-FED"

5-54

986,039

BELCO

9-54

543,835

11-85

130,410

"BROOKS"

ANSCHUTZ

PROPOSED LOC.

2-56

499,050

GULF

13

6-89

42,181

HOLLOWAY

9-55

458,585

2-87

157,233

1-55

1,360,652

BELCO

11-84

432,357

88,596

"WILHOIT"

3-92

S.I.

8 5 3

"ARCO"

23

(ARCO)

555(WC)

"LAWRENCE"

(J.L. HAMON)

2-56^{1C}

226,449

117,449(WC)

1A

2-85

57,639

10,653(WC)

"FORT"

24

WILLIAMSON

2-56

802,475

"AMERAD-HARDIN"

(HAMON)

"NORRIS"

(J.L. HAMON)

1A 2-56

556,072

"LAWRENCE"

19

TD 5896'

T-17-S

R-38-E

R-39-E

Rand Oil & Gas, Inc.
Case No. 10752
Before Examiner Stogner
Exhibit No. 8

3-55 ← Completion Date



1,099,334 ← Cum. Prod. Bbls. Oil to 1-1-93

24 WELLS 8,806,167 BBLS. OIL

*12 - producing
25 wells drilled*

THE ANSCHUTZ CORPORATION

S. KNOWLES PROSPECT

LEA COUNTY NEW MEXICO

CUMULATIVE PROD. MAP
1-1-93

DATE: 6-93

SCALE: 1" = 2000'

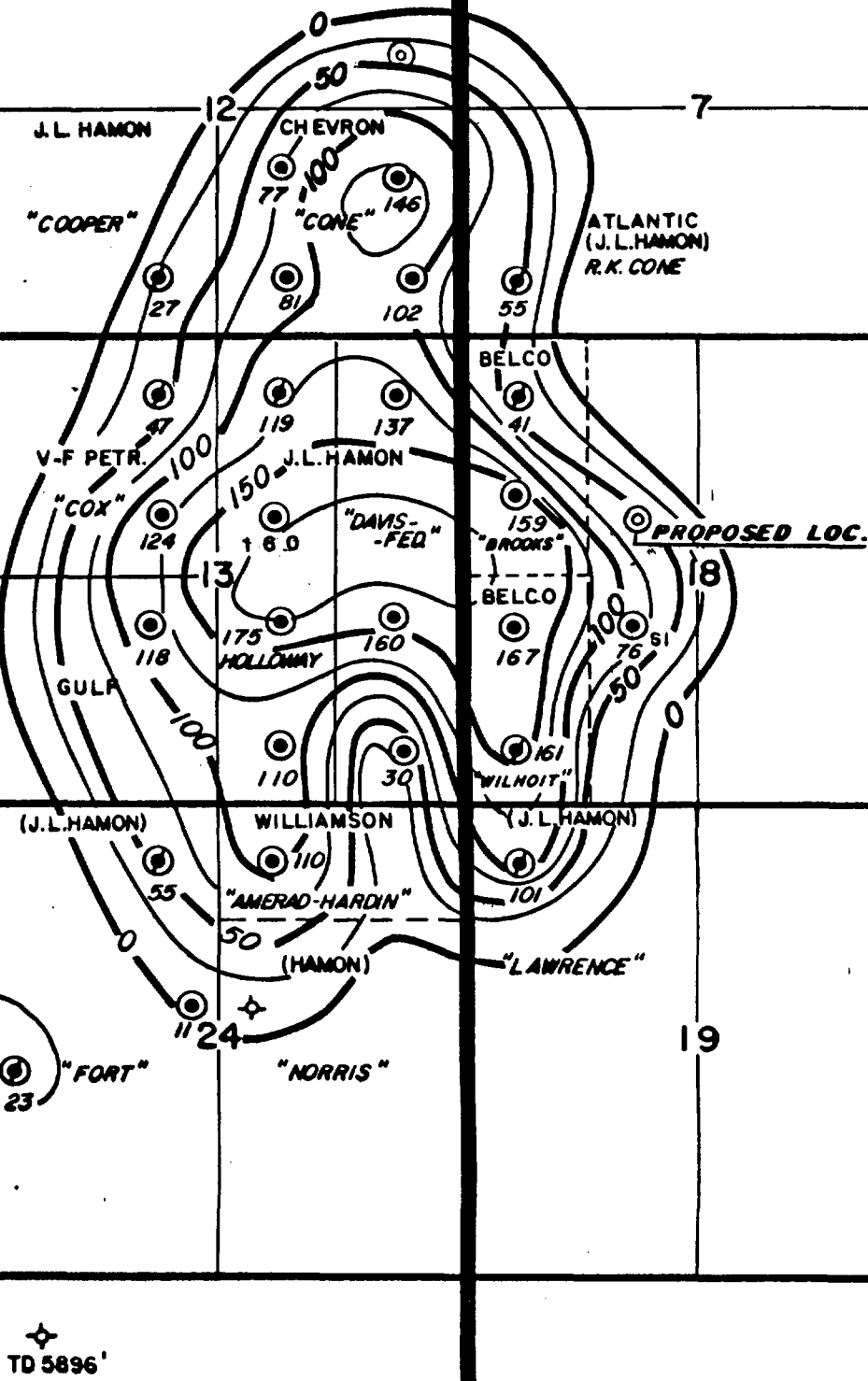
11

14

23

7

19



T-17-S

R-38-E

R-39-E

-8520 oil/water content

1000-1200 psi drop from initial pressure

Rand Oil & Gas, Inc.
Case No. 10752
Before Examiner Stogner
Exhibit No. 9

THE ANSCHUTZ CORPORATION
SAN SIMON PROSPECT

LEA COUNTY NEW MEXICO

ISOPACH
NET PAY
C.I. = 25'

DATE: 6-93

SCALE: 1" = 2000'

Submit 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

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

OIL CONSERVATION DIVISION
RECEIVED

'93 JUL 30 AM 9 03

REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Operator Rand Oil & Gas Inc.	Well API No. 30-025-31989
Address 4006 Beltline Rd. Suite 290, Addison Tx 75244	
Reason(s) for Filing (Check proper box) ☒ Other (Please explain)	
New Well ☐	Change in Transporter of:
Recompletion ☐	Oil ☐ Dry Gas ☐
Change in Operator ☐	Casinghead Gas ☐ Condensate ☐
Testing Allowable	
If change of operator give name and address of previous operator	

II. DESCRIPTION OF WELL AND LEASE

Lease Name Arco A Com	Well No. 1	Pool Name, Including Formation South Knowles-Devonian	Kind of Lease State, Federal or Fee	Lease No.
Location				
Unit Letter F	: 1980	Feet From The North	Line and 1980	Feet From The West
Section 18	Township 17S	Range 39E	NMPM,	Lea
County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil Amoco Pipeline ICT ☒	or Condensate ☐	Address (Give address to which approved copy of this form is to be sent) 502 N. West Ave./Levelland, TX 79336-9914
Name of Authorized Transporter of Casinghead Gas ☐	or Dry Gas ☐	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	Sec.
	Tw.	Rge.
	Is gas actually connected?	When ?

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.)

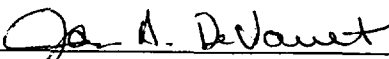
Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas- MCF

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.



Signature

Jan A. DeVault

Agent

Printed Name

23 July 1993

(915) 694-6059

Date

Telephone No.

OIL CONSERVATION DIVISION

JUL 28 1993

Date Approved

By

Title

Geologist

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.