

District I - (505) 393-6161

P. O. Box 1980

Hobbs, NM 88241-1980

District II - (505) 748-1283

311 S. First

Artesia, NM 88210

District III - (505) 334-6178

1000 Rio Brazos Road

Aztec, NM 87410

District IV

New Mexico

Energy Minerals and Natural Resources Department

Oil Conservation Division

2040 South Pacheco Street

Santa Fe, New Mexico 87505

(505) 827-7131

Form C-140

Originated 11/1/97

Submit Original
Plus 2 Copies
to appropriate
District Office

4-0311

APPLICATION FOR
QUALIFICATION OF WELL WORKOVER PROJECT
AND CERTIFICATION OF APPROVAL

THREE COPIES OF THIS APPLICATION AND ALL ATTACHMENTS MUST BE FILED WITH THE APPROPRIATE DISTRICT OFFICE OF THE OIL CONSERVATION DIVISION.

I. Operator: Enron Oil & Gas Company OGRID #: 7377

Address: P. O. Box 2267, Midland, Texas 79702

Contact Party: Betty Gildon Phone: 915/686-3714

II. Name of Well: Diamond 18 Federal #1 API #: 30 025 32651

Location of Well: Unit Letter E, 1830 Feet from the north line and 660 feet from the west line,
Section 18, Township 25S, Range 34E, NMPM, Lea County

III. Date Workover Procedures Commenced: 3-19-97

Date Workover Procedures were Completed: 3-19-97

IV. Attach a description of the Workover Procedures undertaken to increase the production from the Well.
Installed tubing

V. Attach an estimate of the production rate of the Well (a production decline curve or other acceptable method, and table showing monthly oil and/or gas Project Production) based on at least twelve (12) months of established production which shows the future rate of production based on well performance prior to performing Workover.

VI. Pool(s) on which Production Projection is based: Red Hills Bone Spring

VII. AFFIDAVIT:

State of Texas)
County of Midland) ss.

Betty Gildon being first duly sworn, upon oath states:

1. I am the Operator or authorized representative of the Operator of the above referenced Well.
2. I have made, or caused to be made, a diligent search of the production records which are reasonably available and contain information relevant to the production history of this Well.
3. To the best of my knowledge, the data used to prepare the Production Projection for this Well is complete and accurate and this projection was prepared using sound petroleum engineering principles.

Betty Gildon
(Name)

Betty Gildon, Regulatory Analyst
(Title)

JUL 09 1997

SUBSCRIBED AND SWORN TO before me this 16th day of June, 1997



PEGGY C. LAVINE
Notary Public, State of Texas
My Commission Expires 11-21-98

Peggy C. Lavine
Notary Public

My Commission expires: _____

FOR OIL CONSERVATION DIVISION USE ONLY:

VIII. CERTIFICATION OF APPROVAL:

This Application for Qualification of Well Workover Project is hereby approved and the above referenced Well is designated as a Well Workover Project pursuant to the "Natural Gas and Crude Oil Production Incentive Act" (Laws 1995, Chapter 15, Sections 1 through 8). The Oil Conservation Division hereby verifies the Production Projection for the Well Workover Project attached to this application. By copy of this Application and Certification of Approval, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval and certifies that this Well Workover Project has been completed as of 3-19-97, 19__.

[Signature]
District Supervisor, District 1
Oil Conservation Division

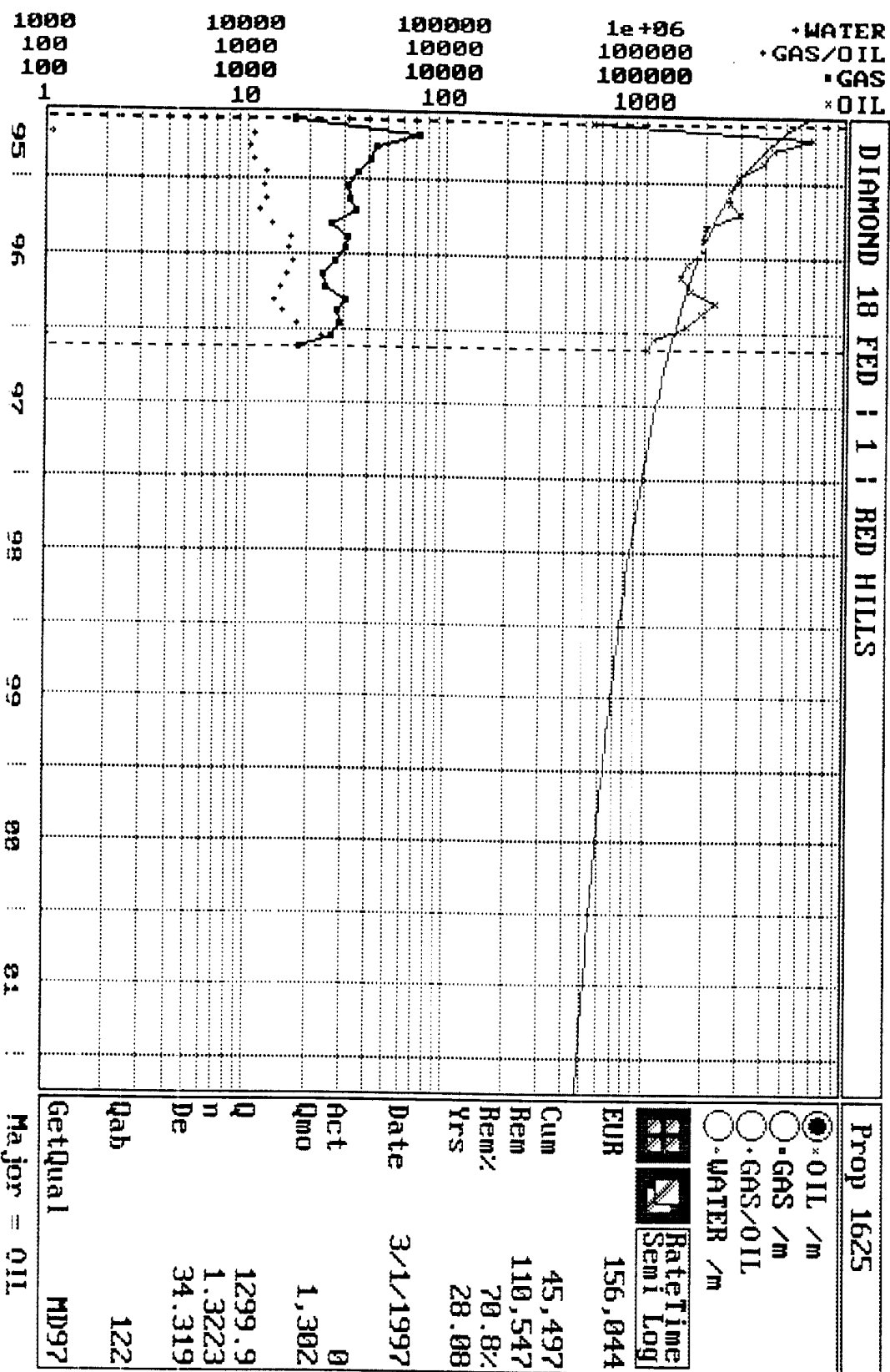
Date: 7/2/97

IX. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT.

DATE: _____

Received
JUN 23 1997

up



CASE: 1625 DIAMOND 18 FED 1

RED HILLS

LEA, NM

ENRON OIL & GAS

DATE: 04/14/97

TIME: 14:04:11

PAGE: 11

MOMASTER.DBS

P R O D U C T I O N L E D G E R

DATE	OIL, BBL	GAS, MCF	WATER, BBL	GOR, CF/BBL	WATER CUT, %	CUM OIL, BBL	CUM GAS, MCF	FORECAST OIL	FORECAST GAS
PRIOR	18559	21088	2258	0	0.00	18,559	21,088	0	0
1/96	2643	3188	365	1533	60.53	21,202	24,276	2718	4168
2/96	2633	3216	383	1546	60.72	23,835	27,492	2490	3850
3/96	2998	3451	409	1559	60.92	26,833	30,943	2302	3588
4/96	2001	2642	218	1572	61.12	28,834	33,585	2144	3370
5/96	1962	3181	302	1585	61.32	30,796	36,766	2009	3184
6/96	1932	3097	176	1598	61.51	32,728	39,863	1892	3024
7/96	1625	2727	40	1611	61.71	34,353	42,590	1790	2884
8/96	1518	2384	30	1625	61.90	35,871	44,974	1700	2762
9/96	1684	2418	286	1638	62.10	37,555	47,392	1619	2653
10/96	2261	3077	121	1652	62.29	39,816	50,469	1547	2556
11/96	1893	2795	57	1666	62.49	41,709	53,264	1483	2469
12/96	1634	2892	56	1680	62.68	43,343	56,156	1424	2391
TOT/96	24784	35068	2443	1596		43,343	56,156	23117	36900
1/97	1112	2619	0	1694	62.87	44,455	58,775	1370	2320
2/97	1042	1809	94	1708	63.07	45,497	60,584	1321	2255
3/97								1275	2196
4/97								1233	2141
5/97								1194	2091
6/97								1158	2045
7/97								1125	2002
8/97								1093	1962
9/97								1064	1925
10/97								1036	1890
11/97								1010	1858
12/97								985	1828
TOT/97	2154	4428	94	1768		45,497	60,584	13864	24511
TOTAL	45497	60584	4795	1661		45,497	60,584	36981	61410

CASE: 1625 DIAMOND 18 FED 1
 RED HILLS
 LEA, NM
 ENRON OIL & GAS

DATE: 06/27/97
 TIME: 13:47:14
 PAGE: 1
 MDMMASTER.DBS

PRODUCTION LEDGER

DATE	OIL, BBL	GAS, MCF	WATER, BBL	GOR, CF/BBL	WATER CUT, %	CUM OIL, BBL	CUM GAS, MCF	FORECAST OIL	FORECAST GAS
PRIOR	43343	56156	4701	0	0.00	43,343	56,156	0	0
1/97	1112	2619	0	1694	62.87	44,455	58,775	1370	2320
2/97	1042	1809	94	1708	63.07	45,497	60,584	1321	2255
3/97	1963	2997	760	1722	63.26	47,460	63,581	1275	2196
4/97	2876	3328	362	1736	63.45	50,336	66,909	1233	2141
5/97								1194	2091
6/97								1158	2045
7/97								1125	2002
8/97								1093	1962
9/97								1064	1925
10/97								1036	1890
11/97								1010	1858
12/97								985	1828
TOT/97	6993	10753	1216	1768		50,336	66,909	13864	24511
1/98								962	1799
2/98								940	1773
3/98								919	1748
4/98								899	1724
5/98								880	1702
6/98								862	1681
7/98								845	1661
8/98								829	1643
9/98								813	1625
10/98								798	1608
11/98								784	1593
12/98								770	1578
TOT/98	0	0	0	1954		50,336	66,909	10302	20135
1/99								757	1563
2/99								744	1550
3/99								732	1537
4/99								720	1525
5/99								709	1513
6/99								698	1502
7/99								687	1492
8/99								677	1482
9/99								667	1473
10/99								658	1464
11/99								649	1455
12/99								640	1447
TOT/99	0	0	0	2160		50,336	66,909	8337	18005
TOTAL	50336	66909	5917	1928		50,336	66,909	32503	62651

CASE: 1625 DIAMOND 18 FED 1
 RED HILLS
 LEA , NM
 ENRON OIL & GAS

DATE: 06/27/97
 TIME: 13:47:22
 PAGE: 2
 MDMASTER.DBS

P R O D U C T I O N L E D G E R

DATE	OIL, BBL	GAS, MCF	WATER, BBL	GOR, CF/BBL	WATER CUT, %	CUM OIL, BBL	CUM GAS, MCF	FORECAST OIL	FORECAST GAS
PRIOR	50336	66909	5917	1928	65.84	50,336	66,909	32503	62651
1/00								631	1440
2/00								623	1432
3/00								614	1425
4/00								607	1419
5/00								599	1413
6/00								592	1407
7/00								584	1401
8/00								577	1396
9/00								570	1391
10/00								564	1386
11/00								557	1382
12/00								551	1377
TOT/00	0	0	0	2386		50,336	66,909	7070	16868
1/01								545	1373
2/01								539	1370
3/01								533	1366
4/01								528	1363
5/01								522	1360
6/01								517	1357
7/01								511	1354
8/01								506	1352
9/01								501	1349
10/01								496	1347
11/01								491	1345
12/01								487	1343
TOT/01	0	0	0	2636		50,336	66,909	6176	16279
1/02								482	1342
2/02								478	1340
3/02								473	1339
4/02								469	1338
5/02								465	1337
6/02								461	1336
7/02								456	1335
8/02								452	1335
9/02								449	1334
10/02								445	1334
11/02								441	1334
12/02								437	1333
TOT/02	0	0	0	2912		50,336	66,909	5508	16036
TOTAL	50336	66909	5917	2182		50,336	66,909	51256	111833

CASE: 1625 DIAMOND 18 FED 1
 RED HILLS
 LEA, NM
 ENRON OIL & GAS

DATE: 06/27/97
 TIME: 13:47:30
 PAGE: 3
 MDMASTER.DBS

PRODUCTION LEDGER

DATE	OIL, BBL	GAS, MCF	WATER, BBL	GOR, CF/BBL	WATER CUT, %	CUM OIL, BBL	CUM GAS, MCF	FORECAST OIL	FORECAST GAS
PRIOR	50336	66909	5917	2182	68.57	50,336	66,909	51256	111833
1/03								434	1333
2/03								430	1334
3/03								427	1334
4/03								423	1334
5/03								420	1335
6/03								417	1336
7/03								414	1336
8/03								410	1337
9/03								407	1337
10/03								404	1338
11/03								401	1339
12/03								398	1339
TOT/03	0	0	0	3216		50,336	66,909	4985	16032
1/04								395	1340
2/04								392	1340
3/04								388	1341
4/04								385	1341
5/04								382	1342
6/04								379	1343
7/04								376	1343
8/04								373	1344
9/04								371	1344
10/04								368	1345
11/04								365	1345
12/04								362	1346
TOT/04	0	0	0	3552		50,336	66,909	4536	16114
1/05								359	1346
2/05								356	1347
3/05								353	1348
4/05								351	1348
5/05								348	1349
6/05								345	1349
7/05								343	1350
8/05								340	1350
9/05								337	1351
10/05								335	1352
11/05								332	1352
12/05								329	1353
TOT/05	0	0	0	3923		50,336	66,909	4128	16195
TOTAL	50336	66909	5917	2468		50,336	66,909	64905	160175

CASE: 1625 DIAMOND 18 FED 1

RED HILLS

LEA, NM

ENRON OIL & GAS

DATE: 06/27/97

TIME: 13:47:38

PAGE: 4

MDMASTER.DBS

P R O D U C T I O N L E D G E R

DATE	OIL, BBL	GAS, MCF	WATER, BBL	GOR, CF/BBL	WATER CUT, %	CUM OIL, BBL	CUM GAS, MCF	FORECAST OIL	FORECAST GAS
PRIOR	50336	66909	5917	2468	71.16	50,336	66,909	64905	160175
1/06								327	1353
2/06								324	1354
3/06								322	1354
4/06								319	1355
5/06								317	1356
6/06								314	1356
7/06								312	1357
8/06								309	1357
9/06								307	1358
10/06								304	1358
11/06								302	1359
12/06								300	1360
TOT/06	0	0	0	4333		50,336	66,909	3757	16277
1/07								297	1360
2/07								295	1361
3/07								293	1361
4/07								290	1362
5/07								288	1362
6/07								286	1363
7/07								284	1364
8/07								281	1364
9/07								279	1365
10/07								277	1365
11/07								275	1366
12/07								273	1366
TOT/07	0	0	0	4786		50,336	66,909	3419	16360
1/08								271	1367
2/08								268	1368
3/08								266	1368
4/08								264	1369
5/08								262	1369
6/08								260	1370
7/08								258	1370
8/08								256	1371
9/08								254	1372
10/08								252	1372
11/08								250	1373
12/08								248	1373
TOT/08	0	0	0	5285		50,336	66,909	3111	16443
TOTAL	50336	66909	5917	2783		50,336	66,909	75191	209254

CASE: 1625 DIAMOND 18 FED 1
 RED HILLS
 LEA , NM
 ENRON OIL & GAS

DATE: 06/27/97
 TIME: 13:47:47
 PAGE: 5
 MDMASTER.DBS

P R O D U C T I O N L E D G E R

DATE	OIL, BBL	GAS, MCF	WATER, BBL	GOR, CF/BBL	WATER CUT, %	CUM OIL, BBL	CUM GAS, MCF	FORECAST OIL	FORECAST GAS
PRIOR	50336	66909	5917	2783	73.57	50,336	66,909	75191	209254
1/09								246	1374
2/09								244	1375
3/09								242	1375
4/09								241	1376
5/09								239	1376
6/09								237	1377
7/09								235	1377
8/09								233	1378
9/09								231	1379
10/09								229	1379
11/09								228	1380
12/09								226	1380
TOT/09	0	0	0	5838		50,336	66,909	2831	18526
1/10								224	1381
2/10								222	1382
3/10								221	1382
4/10								219	1383
5/10								217	1383
6/10								215	1384
7/10								214	1384
8/10								212	1385
9/10								210	1386
10/10								209	1386
11/10								207	1387
12/10								206	1387
TOT/10	0	0	0	6447		50,336	66,909	2576	16609
1/11								204	1388
2/11								202	1388
3/11								201	1389
4/11								199	1390
5/11								198	1390
6/11								196	1391
7/11								195	1391
8/11								193	1392
9/11								191	1393
10/11								190	1393
11/11								188	1394
12/11								187	1394
TOT/11	0	0	0	7121		50,336	66,909	2344	16694
TOTAL	50336	66909	5917	3124		50,336	66,909	82943	259083

CASE: 1625 DIAMOND '8 FED 1
 RED HILLS
 LEA , NH
 ENRON O I L & GAS

DATE: 06/27/97
 TIME: 13:48:03
 PAGE: 7
 MDMASTER.DBS

P R O D U C T I O N L E D G E R

DATE	OIL, BBL	GAS, MCF	WATER, BBL	GOR, CF/BBL	WATER CUT, %	CUM OIL, BBL	CUM GAS, MCF	FORECAST OIL	FORECAST GAS
PRIOR	50336	66909	5917	3488	77.72	50,336	66,909	88784	309672
1/15								140	1416
2/15								139	1417
3/15								138	1417
4/15								137	1418
5/15								136	1419
6/15								134	1419
7/15								133	1420
8/15								132	1420
9/15								131	1421
10/15								130	1422
11/15								129	1422
12/15								128	1423
TOT/15	0	0	0	10596		50,336	66,909	1608	17034
1/15								127	1423
2/15								126	1424
3/15								125	1425
4/15								124	1425
5/15								123	1426
6/15								122	1426
7/15								121	1427
8/15								120	1428
9/15								119	1428
10/15								119	1429
11/15								118	1429
12/15								117	1430
TOT/16	0	0	0	11703		50,336	66,909	1463	17121
1/17								116	1431
2/17								115	1431
3/17								114	1432
4/17								113	1432
5/17								112	1433
6/17								111	1434
7/17								110	1434
8/17								110	1435
9/17								109	1435
10/17								108	1436
11/17								107	1437
12/17								106	1437
TOT/17	0	0	0	12926		50,336	66,909	1331	17207
TOTAL	50336	66909	5917	3874		50,336	66,909	93186	361034

CASE: 1625 DIAMOND 18 FED 1
 RED HILLS
 LEA, NM
 ENRON OIL & GAS

DATE: 06/27/97
 TIME: 13:48:11
 PAGE: 8
 MDMaster.DBS

P R O D U C T I O N L E D G E R

DATE	OIL, BBL	GAS, MCF	WATER, BBL	GOR, CF/BBL	WATER CUT, %	CUM OIL, BBL	CUM GAS, MCF	FORECAST OIL	FORECAST GAS
PRIOR	50336	66909	5917	3874	79.48	50,336	66,909	93186	361034
1/13								105	1438
2/13								105	1438
3/13								104	1439
4/13								103	1440
5/13								102	1440
6/13								101	1441
7/13								101	1441
8/13								100	1442
9/13								99	1443
10/13								98	1443
11/13								97	1444
12/13								97	1445
TOT/13	0	0	0	14276		50,336	66,909	1211	17294
1/19								96	1445
2/19								95	1446
3/19								94	1446
4/19								94	1447
5/19								93	1448
6/19								92	1448
7/19								91	1449
8/19								91	1449
9/19								90	1450
10/19								89	1451
11/19								89	1451
12/19								88	1452
TOT/19	0	0	0	15767		50,336	66,909	1102	17382
1/20								87	1452
2/20								87	1453
3/20								86	1454
4/20								85	1454
5/20								85	1455
6/20								84	1456
7/20								83	1456
8/20								83	1457
9/20								82	1457
10/20								81	1458
11/20								81	1459
12/20								80	1459
TOT/20	0	0	0	17414		50,336	66,909	1003	17470
TOTAL	50336	66909	5917	4282		50,336	66,909	96503	413181

CASE: 1625 DIAMOND 18 FED 1
 RED HILLS
 LEA, NM
 ENRON OIL & GAS

DATE: 06/27/97
 TIME: 13:48:19
 PAGE: 9
 MDMaster.DBS

P R O D U C T I O N L E D G E R

DATE	OIL, BBL	GAS, MCF	WATER, BBL	GOR, CF/BBL	WATER CUT, %	CUM OIL, BBL	CUM GAS, MCF	FORECAST OIL	FORECAST GAS
PRIOR	50336	66909	5917	4282	81.07	50,336	66,909	96503	413181
1/21								79	1460
2/21								79	1460
3/21								78	1461
4/21								78	1462
5/21								77	1462
6/21								76	1463
7/21								76	1464
8/21								75	1464
9/21								75	1465
10/21								74	1465
11/21								73	1466
12/21								73	1467
TOT/21	0	0	0	19234		50,336	66,909	913	17558
1/22								72	1467
2/22								72	1468
3/22								71	1468
4/22								71	1469
5/22								70	1470
6/22								69	1470
7/22								69	1471
8/22								68	1472
9/22								68	1472
10/22								67	1473
11/22								67	1473
12/22								66	1474
TOT/22	0	0	0	21243		50,336	66,909	831	17647
1/23								66	1475
2/23								65	1475
3/23								65	1476
4/23								64	1476
5/23								64	1477
6/23								63	1478
7/23								63	1478
8/23								62	1479
9/23								62	1480
10/23								61	1480
11/23								61	1481
12/23								60	1481
TOT/23	0	0	0	23462		50,336	66,909	756	17737
TOTAL	50336	66909	5917	4708		50,336	66,909	99002	466123

CASE: 1625 DIAMOND 18 FED 1
 RED HILLS
 LEA , NM
 ENRON OIL & GAS

DATE: 06/27/97
 TIME: 13:48:27
 PAGE: 10
 MDMASTER.DBS

P R O D U C T I O N L E D G E R

DATE	OIL, BBL	GAS, MCF	WATER, BBL	GOR, CF/BBL	WATER CUT, %	CUM OIL, BBL	CUM GAS, MCF	FORECAST OIL	FORECAST GAS
PRIOR	50336	66909	5917	4708	82.48	50,336	66,909	99002	466123
1/24								60	1482
2/24								59	1483
3/24								59	1483
4/24								58	1484
5/24								58	1485
6/24								58	1485
7/24								57	1486
8/24								57	1486
9/24								56	1487
10/24								56	1488
11/24								55	1488
12/24								55	1489
TOT/24	0	0	0	25913		50,336	66,909	688	17826
1/25								54	1490
2/25								54	1490
3/25								54	1491
4/25								53	1491
5/25								53	1492
6/25								52	1493
7/25								52	1493
8/25								52	1494
9/25								51	1495
10/25								51	1495
11/25								50	1496
12/25								50	1497
TOT/25	0	0	0	28620		50,336	66,909	626	17917
1/26								50	1497
2/26								49	1498
3/26								49	1498
4/26								48	1499
5/26								48	1500
6/26								48	1500
7/26								47	1501
8/26								47	1502
9/26								47	1502
10/26								46	1503
11/26								46	1503
12/26								45	1504
TOT/26	0	0	0	31610		50,336	66,909	570	18007
TOTAL	50336	66909	5917	5153		50,336	66,909	100886	519873

CASE: 1525 DIAMOND 18 FED 1
 RED HILLS
 LEA , NM
 ENRON OIL & GAS

DATE: 06/27/97
 TIME: 13:48:35
 PAGE: 11
 MDPMASTER.DBS

P R O D U C T I O N L E D G E R

DATE	OIL, BBL	GAS, MCF	WATER, BBL	GOR, CF/BBL	WATER CUT, %	CUM OIL, BBL	CUM GAS, MCF	FORECAST OIL	FCRECAST GAS
PRIOR	50336	66909	5917	5153	83.75	50,336	66,909	100886	519873
1/27								45	1505
2/27								45	1505
3/27								44	1506
4/27								44	1507
5/27								44	1507
6/27								43	1508
7/27								43	1509
8/27								43	1509
9/27								42	1510
10/27								42	1510
11/27								42	1511
12/27								41	1512
TOT/27	0	0	0	34912		50,336	66,909	518	18099
1/28								41	1512
2/28								41	1513
3/28								40	1514
4/28								40	1514
5/28								40	1515
6/28								39	1516
7/28								39	1516
8/28								39	1517
9/28								39	1517
10/28								38	1518
11/28								38	1519
12/28								38	1519
TOT/28	0	0	0	38559		50,336	66,909	472	18190
1/29								37	1520
2/29								37	1521
3/29								37	1521
4/29								36	1522
5/29								36	1523
6/29								36	1523
7/29								36	1524
8/29								35	1524
9/29								35	1525
10/29								35	1526
11/29								35	1526
12/29								34	1527
TOT/29	0	0	0	42587		50,336	66,909	429	18282
TOTAL	50336	66909	5917	5615		50,336	66,909	102305	574445

CASE: 1625 DIAMOND 18 FED 1
 RED HILLS
 LEA , NM
 ENRON CIL & GAS

DATE: 06/27/97
 TIME: 13:48:43
 PAGE: 12
 MDMASTER.DBS

P R O D U C T I O N L E D G E R

DATE	OIL, BBL	GAS, MCF	WATER, BBL	GOR, CF/BBL	WATER CUT, %	CUM OIL, BBL	CUM GAS, MCF	FORECAST OIL	FCREAST GAS
PRICR	50336	66909	5917	5615	84.88	50,336	66,909	102305	574445
1/30								34	1528
2/30								34	1528
3/30								33	1529
4/30								33	1530
5/30								33	1530
6/30								33	1531
7/30								32	1532
8/30								32	1532
9/30								32	1533
10/30								32	1534
11/30								31	1534
12/30								31	1535
TOT/30	0	0	0	47036		50,336	66,909	391	18375
1/31								31	1535
2/31								31	1536
3/31								30	1537
4/31								30	1537
5/31								30	1538
6/31								30	1539
7/31								29	1539
8/31								29	1540
9/31								29	1541
10/31								29	1541
11/31								29	1542
12/31								28	1543
TOT/31	0	0	0	51950		50,336	66,909	355	18468
1/32								28	1543
2/32								28	1544
3/32								28	1545
4/32								27	1545
5/32								27	1546
6/32								27	1546
7/32								27	1547
8/32								27	1548
9/32								26	1548
10/32								26	1549
11/32								26	1550
12/32								26	1550
TOT/32	0	0	0	57377		50,336	66,909	324	18561
TOTAL	50336	66909	5917	6093		50,336	66,909	103375	629849

CASE: 1525 DIAMOND 18 FED 1
 RED HILLS
 LEA , NM
 ENRON OIL & GAS

DATE: 06/27/97
 TIME: 13:48:51
 PAGE: 13
 MDPMASTER.DBS

P R O D U C T I O N L E D G E R

DATE	OIL, BBL	GAS, MCF	WATER, BBL	GOR, CF/BBL	WATER CUT, %	CUM OIL, BBL	CUM GAS, MCF	FORECAST OIL	FORECAST GAS
PRIOR	50336	66909	5917	6093	85.90	50,336	66,909	103375	629849
1/33								26	1551
2/33								25	1552
3/33								25	1552
4/33								25	1553
5/33								25	1554
6/33								25	1554
7/33								24	1555
8/33								24	1556
9/33								24	1556
10/33								24	1557
11/33								24	1558
12/33								23	1558
TOT/33	0	0	0	63371		50,336	66,909	294	18655
1/34								23	1559
2/34								23	1560
3/34								23	1560
4/34								23	1561
5/34								23	1562
6/34								22	1562
7/34								22	1563
8/34								22	1563
9/34								22	1564
10/34								22	1565
11/34								22	1565
12/34								21	1566
TOT/34	0	0	0	69991		50,336	66,909	268	18750
1/35								21	1567
2/35								21	1567
3/35								21	1568
4/35								21	1569
5/35								21	1569
6/35								20	1570
7/35								20	1571
8/35								20	1571
9/35								20	1572
10/35								20	1573
11/35								20	1573
12/35								19	1574
TOT/35	0	0	0	77302		50,336	66,909	244	18845
TOTAL	50336	66909	5917	6586		50,336	66,909	104181	686099

CASE: 1625 DIAMOND 18 FED 1
 RED HILLS
 LEA, NM
 ENRON OIL & GAS

DATE: 06/27/97
 TIME: 13:48:59
 PAGE: 14
 MDMASTER.DBS

PRODUCTION LEDGER

DATE	OIL, BBL	GAS, MCF	WATER, BBL	GOR, CF/BBL	WATER CUT, %	CUM OIL, BBL	CUM GAS, MCF	FORECAST OIL	FORECAST GAS
PRIOR	50336	66909	5917	6586	86.82	50,336	66,909	104181	686099
1/35								19	1575
2/35								19	1575
3/35								19	1576
4/35								19	1577
5/35								19	1577
6/35								19	1578
7/35								18	1579
8/35								18	1579
9/35								18	1580
10/35								18	1581
11/35								18	1581
12/35								18	1582
TOT/36	0	0	0	85378		50,336	66,909	222	18940
1/37								18	1583
2/37								17	1583
3/37								17	1584
4/37								17	1585
5/37								17	1585
6/37								17	1586
7/37								17	1587
8/37								17	1587
9/37								16	1588
10/37								16	1589
11/37								16	1589
12/37								16	1590
TOT/37	0	0	0	94297		50,336	66,909	202	19036
1/38								16	1591
2/38								16	1591
3/38								16	1592
4/38								16	1593
5/38								15	1593
6/38								15	1594
7/38								15	1595
8/38								15	1595
9/38								15	1596
10/38								15	1597
11/38								15	1597
12/38								15	1598
TOT/38	0	0	0	104147		50,336	66,909	184	19133
TOTAL	50336	66909	5917	7092		50,336	66,909	104788	743208

CASE: 1625 DIAMOND 18 FED 1
 RED HILLS
 LEA , NM
 ENRON CIL & GAS

DATE: 06/27/97
 TIME: 13:49:07
 PAGE: 15
 MDMASTER.DBS

P R O D U C T I O N L E D G E R

DATE	OIL, BBL	GAS, MCF	WATER, BBL	GOR, CF/BBL	WATER CUT, %	CUM OIL, BBL	CUM GAS, MCF	FORECAST OIL	FORECAST GAS
PRICR	50336	66909	5917	7092	87.64	50,336	66,909	104788	743208
1/39								15	1599
2/39								14	1599
3/39								14	1600
4/39								14	1601
5/39								14	1601
6/39								14	1602
7/39								14	1603
8/39								14	1603
9/39								14	1604
10/39								14	1605
11/39								13	1605
12/39								13	1606
TOT/39	0	0	0	115027		50,336	66,909	167	19229
1/40								13	1607
2/40								13	1608
3/40								13	1608
4/40								13	1609
5/40								13	1610
6/40								13	1610
7/40								13	1611
8/40								13	1612
9/40								12	1612
10/40								12	1613
11/40								12	1614
12/40								12	1614
TOT/40	0	0	0	127044		50,336	66,909	152	19327
1/41								12	1615
2/41								12	1616
3/41								12	1616
4/41								12	1617
5/41								12	1618
6/41								12	1618
7/41								11	1619
8/41								11	1620
9/41								11	1620
10/41								11	1621
11/41								11	1622
12/41								11	1622
TOT/41	0	0	0	140315		50,336	66,909	138	19425
TOTAL	50336	66909	5917	7613		50,336	66,909	105246	801189

CASE: 1625 DIAMOND 18 FED 1
 RED HILLS
 LEA , NM
 ENRON OIL & GAS

DATE: 06/27/97
 TIME: 13:49:15
 PAGE: 16
 MDMASTER.DBS

PRODUCTION LEDGER

DATE	OIL, BBL	GAS, MCF	WATER, BBL	GOR, CF/BBL	WATER CUT, %	CUM OIL, BBL	CUM GAS, MCF	FORECAST OIL	FORECAST GAS
PRIOR	50336	66909	5917	7613	88.39	50,336	66,909	105246	801189
1/42								11	1623
2/42								11	1624
3/42								11	1625
4/42								11	1625
5/42								11	1626
6/42								11	1627
7/42								10	1627
8/42								10	1628
9/42								10	1629
10/42								10	1629
11/42								10	1630
12/42								10	1631
TOT/42	0	0	0	154973		50,336	66,909	126	19523
1/43								10	1631
2/43								10	1632
3/43								10	1633
4/43								10	1633
5/43								10	1634
6/43								10	1635
7/43								10	1636
8/43								9	1636
9/43								9	1637
10/43								9	1638
11/43								9	1638
12/43								9	1639
TOT/43	0	0	0	171163		50,336	66,909	115	19622
1/44								9	1640
2/44								9	1640
3/44								9	1641
4/44								9	1642
5/44								9	1642
6/44								9	1643
7/44								9	1644
8/44								9	1644
9/44								9	1645
10/44								8	1646
11/44								8	1647
12/44								8	1647
TOT/44	0	0	0	189043		50,336	66,909	104	19721
TOTAL	50336	66909	5917	8145		50,336	66,909	105591	860056

CASE: 1525 DIAMOND 18 FED 1
 RED HILLS
 LEA, N4
 ENRON OIL & GAS

DATE: 06/27/97
 TIME: 13:49:23
 PAGE: 17
 MDMaster.DBS

PRODUCTION LEDGER

DATE	OIL, BBL	GAS, MCF	WATER, BBL	GOR, CF/BBL	WATER CUT, %	CUM OIL, BBL	CUM GAS, MCF	FORECAST OIL	FORECAST GAS
PRIOR	50336	66909	5917	8145	89.07	50,336	66,909	105591	860056
1/45								8	1648
2/45								8	1649
3/45								8	1649
4/45								8	1650
5/45								8	1651
6/45								8	1651
7/45								8	1652
8/45								8	1653
9/45								8	1653
10/45								8	1654
11/45								8	1655
12/45								8	1656
TOT/45	0	0	0	208792		50,336	66,909	95	19821
1/46								8	1656
2/46								7	1657
3/46								7	1658
4/46								7	1658
5/46								7	1659
6/46								7	1660
7/46								7	1660
8/46								7	1661
9/46								7	1662
10/46								7	1663
11/46								7	1663
12/46								7	1664
TOT/46	0	0	0	230603		50,336	66,909	86	19921
1/47								7	1665
2/47								7	1665
3/47								7	1666
4/47								7	1667
5/47								7	1667
6/47								7	1668
7/47								7	1669
8/47								6	1670
9/47								6	1670
10/47								6	1671
11/47								6	1672
12/47								6	1672
TOT/47	0	0	0	254693		50,336	66,909	79	20022
TOTAL	50336	66909	5917	8690		50,336	66,909	105851	919821

FD-150 (Rev. 11-1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Oil & Gas Division
Box 1980
Albuquerque, NM 87106-8920

FORM APPROVED
Bureau Form No. 100-0135
Edition: March 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.

SUBMIT IN TRIPLICATE

Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other	1. Well Name and No. Diamond 18 Federal #1
Name of Operator: Enron Oil & Gas Company	2. API Well No. 30 025 32651
Address and Telephone No. P. O. Box 2267, Midland, Texas 79702 (915) 686-3714	3. Field and Pool, or Exploratory Area Red Hills Bone Spring
Location of Well (Footage, Sec., T., R., M., or Survey Description) 1830' FNL & 660' FWL Sec 18-25S-34E	4. County or Parish, State Lea County, NM

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
☐ Notice of Intent	☐ Abandonment
☐ Subsequent Report	☐ Recommission
☐ Final Abandonment Notice	☐ Plugging Back
	☐ Casing Repair
	☐ Altering Casing
	☒ Other: Added tubing to well
	☐ Change of Plans
	☐ New Construction
	☐ Non-Routine Fracturing
	☐ Water Shut-Off
	☐ Conversion to Injection
	☐ Dispose Water

(Note: Report results of multiple completion or well completion or recommission report and log form.)

Describe proposed or completed operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

3/19/97 - Ran 379 jts 2-7/8" EUE N-80 tubing set at 12,255'.

4/5/97 - 24 hours flow, 98 MCFD, 108 BC, 19/64" chk, 280 FTP, 1400 CP, 11 BW, 24 LP.

RECEIVED

APR 21 97

BLM
ROOSEVELT, NM

I hereby certify that the foregoing is true and correct:	
Signature: <u>Betty Gildon</u>	Regulatory Analyst
Date: <u>4/18/97</u>	
This space for Federal use only.	
Approved by: _____	Title: _____
Conduct of approval is by: _____	

Use of U.S. G. Division (G.D.) makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statement or representation as to any matter within its jurisdiction.