

District I - (505) 393-6161

PO Box 1980

Hobbs, NM 88241-1980

District II - (505) 748-1283

811 S. First

Artesia, NM 88210

District III - (505) 334-6178

1000 Rio Brazos Road

Aztec, NM 87410

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 11/1/95

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to appropriate

District Office

H-0426

**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 CONSERVATION DIVISION.

- I. Operator: Texaco Exploration & Production Inc OGRID #: 022351
Address: 205 E. Bender Blvd.; Hobbs, New Mexico 88240
Contact Party: Paula Ives Phone #: (505) 397-0432
- II. Name of Well: Vacuum Grayburg San Andres Unit #159 API #: 30 025 33464
Location of Well: Unit Letter A, 907 Feet from the North line and 350 feet from the East line,
Section 1, Township 18S, Range 34, NMPM, Lea County
- III. Date Workover Procedures Commenced: 03-10-97
Date Workover Procedures were Completed: 03-20-97
- IV. Attach a description of the Workover Procedures undertaken to increase the production from the Well.
Please see attached.
- 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: Vacuum Grayburg San Andres
- VII. AFFIDAVIT:

State of N. M.

) ss.

County of Lea

Russell S. Pool, 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.
Restoration Project.
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.

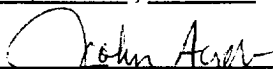
(Name)

Senior Engineer Hobbs Operating Unit
(Title)

ms

Vacuum Grayburg San Andres Unit #159

SUBSCRIBED AND SWORN TO before me this 16th day of February, 1998.

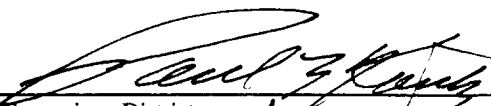

Notary Public John Ayers

My Commission expires: 2/29/2000

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 3-20-97, 1997.


District Supervisor, District 1 Geologist
Oil Conservation Division

Date: 2/20/98

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

Production Projection

Well Name & #:

Vacuum Grayburg San Andres Unit #159

Prior Oil Prod. Rate (BOPD):

150

Producing Formation:

Vacuum Grayburg San Andres

Oil Decline Factor:

0.981780792

Oil Decline Rate (%):

20

Prior Gas Prod. Rate (MCFGD):

8

Gas Decline Rate (%):

13

Completion Date (m/yr):

Mar-97

Gas Decline Factor:

0.988556539

Month	Projected Oil Production	Projected Gas Production	Projected Cumulative Oil Production	Projected Cumulative Gas Production
Mar-97	4560	243	4560	243
Apr-97	4477	240	9037	484
May-97	4395	238	13432	721
Jun-97	4315	235	17748	956
Jul-97	4237	232	21984	1188
Aug-97	4159	230	26144	1418
Sep-97	4084	227	30227	1645
Oct-97	4009	224	34237	1869
Nov-97	3936	222	38173	2091
Dec-97	3865	219	42037	2311
Jan-98	3794	217	45832	2527
Feb-98	3725	214	49556	2742
Mar-98	3657	212	53214	2953
Apr-98	3590	209	56804	3163
May-98	3525	207	60329	3370
Jun-98	3461	205	63790	3574
Jul-98	3398	202	67188	3777
Aug-98	3336	200	70524	3977
Sep-98	3275	198	73799	4174
Oct-98	3215	195	77014	4377
Nov-98	3157	193	80171	4563
Dec-98	3099	191	83270	4754
Jan-99	3043	189	86313	4943
Feb-99	2987	187	89301	5129
Mar-99	2933	185	92234	5314
Apr-99	2880	182	95113	5496
May-99	2827	180	97940	5677
Jun-99	2776	178	100716	5855
Jul-99	2725	176	103441	6031
Aug-99	2675	174	106117	6205
Sep-99	2627	172	108743	6377
Oct-99	2579	170	111322	6548
Nov-99	2532	168	113854	6716
Dec-99	2486	166	116339	6882
Jan-00	2440	164	118780	7047
Feb-00	2396	163	121176	7209

Production Projection

Mar-00	2352	161	123528	7370
Apr-00	2309	159	125837	7529
May-00	2309	159	125837	7529
Jun-00	2267	157	128105	7686
Jul-00	2226	155	130331	7841
Aug-00	2185	153	132516	7995
Sep-00	2146	152	134662	8146
Oct-00	2107	150	136768	8296
Nov-00	2068	148	138837	8445
Dec-00	2031	147	140867	8591
Jan-01	1994	145	142861	8736
Feb-01	1957	143	144818	8879
Mar-01	1922	142	146739	9021
Apr-01	1887	140	148626	9161
May-01	1887	140	148626	9161
Jun-01	1852	138	150478	9299
Jul-01	1818	137	152297	9436
Aug-01	1785	135	154082	9571
Sep-01	1753	134	155835	9705
Oct-01	1721	132	157555	9837
Nov-01	1689	131	159245	9968
Dec-01	1659	129	160904	10097
Jan-02	1628	128	162532	10224
Feb-02	1599	126	164131	10351
Mar-02	1570	125	165700	10475
Apr-02	1541	123	167242	10599
May-02	1541	123	167242	10599
Jun-02	1513	122	168754	10721
Jul-02	1485	121	170240	10841
Aug-02	1458	119	171698	10960
Sep-02	1432	118	173130	11078
Oct-02	1406	116	174536	11194
Nov-02	1380	115	175916	11310
Dec-02	1355	114	177271	11423
Jan-03	1330	112	178601	11536
Feb-03	1306	111	179907	11647
Mar-03	1282	110	181189	11757
Apr-03	1259	109	182448	11866
May-03	1236	107	183684	11973
Jun-03	1213	106	184898	12079
Jul-03	1191	105	186089	12184
Aug-03	1170	104	187259	12288
Sep-03	1148	103	188407	12391
Oct-03	1127	101	189534	12492
Nov-03	1107	100	190641	12592
Dec-03	1087	99	191728	12691
Jan-04	1067	98	192795	12789
Feb-04	1047	97	193842	12886
Mar-04	1028	96	194870	12982

Production Projection

Apr-04	1010	95	195880	13076
May-04	991	94	196871	13170
Jun-04	973	92	197844	13263
Jul-04	955	91	198800	13354
Aug-04	938	90	199738	13444
Sep-04	921	89	200659	13534
Oct-04	904	88	201563	13622
Nov-04	888	87	202451	13709
Dec-04	872	86	203322	13796
Jan-05	856	85	204178	13881
Feb-05	840	84	205018	13965
Mar-05	825	83	205843	14049
Apr-05	810	82	206652	14131
May-05	795	81	207447	14213
Jun-05	780	81	208228	14293
Jul-05	766	80	208994	14373
Aug-05	752	79	209746	14452
Sep-05	739	78	210485	14529
Oct-05	725	77	211210	14606
Nov-05	712	76	211922	14682
Dec-05	699	75	212621	14758
Jan-06	686	74	213307	14832
Feb-06	674	73	213981	14905
Mar-06	661	73	214642	14978
Apr-06	649	72	215292	15050
May-06	638	71	215929	15121
Jun-06	626	70	216555	15191
Jul-06	615	69	217170	15260
Aug-06	603	69	217773	15329
Sep-06	592	68	218365	15397
Oct-06	582	67	218947	15464
Nov-06	571	66	219518	15530
Dec-06	561	65	220078	15595
Jan-07	550	65	220629	15660
Feb-07	540	64	221169	15724
Mar-07	530	63	221700	15787
Apr-07	521	63	222220	15850
May-07	511	62	222732	15912
Jun-07	502	61	223234	15973
Jul-07	493	60	223727	16033
Aug-07	484	60	224210	16093
Sep-07	475	59	224685	16152
Oct-07	466	58	225152	16210
Nov-07	458	58	225610	16268
Dec-07	450	57	226059	16325
Jan-08	441	56	226501	16382
Feb-08	433	56	226934	16437
Mar-08	425	55	227360	16492
Apr-08	418	54	227777	16547

Production Projection

May-08	410	54	228187	16601
Jun-08	403	53	228590	16654
Jul-08	395	53	228985	16707
Aug-08	388	52	229373	16759
Sep-08	381	51	229754	16810
Oct-08	374	51	230128	16861
Nov-08	367	50	230496	16911
Dec-08	361	50	230856	16961
Jan-09	354	49	231210	17010
Feb-09	348	49	231558	17058
Mar-09	341	48	231899	17106
Apr-09	335	47	232234	17154
May-09	329	47	232563	17201
Jun-09	323	46	232886	17247
Jul-09	317	46	233203	17293
Aug-09	311	45	233514	17338
Sep-09	306	45	233819	17383
Oct-09	300	44	234119	17427
Nov-09	295	44	234414	17471
Dec-09	289	43	234703	17514
Jan-10	284	43	234987	17557
Feb-10	279	42	235266	17599
Mar-10	274	42	235539	17641
Apr-10	269	41	235808	17683
May-10	264	41	236072	17723
Jun-10	259	40	236331	17764
Jul-10	254	40	236585	17804
Aug-10	250	39	236835	17843
Sep-10	245	39	237080	17882
Oct-10	241	39	237320	17921
Nov-10	236	38	237556	17959
Dec-10	232	38	237788	17997
Jan-11	228	37	238016	18034
Feb-11	224	37	238240	18071
Mar-11	219	36	238459	18107
Apr-11	215	36	238675	18143
May-11	212	36	238886	18179
Jun-11	208	35	239094	18214
Jul-11	204	35	239298	18249
Aug-11	200	34	239498	18283
Sep-11	197	34	239694	18317
Oct-11	193	34	239887	18351
Nov-11	189	33	240077	18384
Dec-11	186	33	240263	18417
Jan-12	183	32	240445	18449
Feb-12	179	32	240625	18481
Mar-12	176	32	240801	18513
Apr-12	173	31	240973	18544
May-12	170	31	241143	18575

Production Projection

Jun-12	167	31	241310	18606
Jul-12	164	30	241473	18636
Aug-12	161	30	241634	18666
Sep-12	158	30	241791	18696
Oct-12	155	29	241946	18725
Nov-12	152	29	242098	18754
Dec-12	149	29	242247	18782
Jan-13	146	28	242394	18811
Feb-13	144	28	242537	18839
Mar-13	141	28	242679	18866
Apr-13	139	27	242817	18893
May-13	136	27	242953	18920
Jun-13	134	27	243087	18947
Jul-13	131	26	243218	18974
Aug-13	129	26	243347	19000
Sep-13	126	26	243473	19025
Oct-13	124	25	243597	19051
Nov-13	122	25	243719	19076
Dec-13	120	25	243839	19101
Jan-14	117	25	243956	19126
Feb-14	115	24	244072	19151
Mar-14	113	24	244185	19174
Apr-14	111	24	244296	19198
May-14	109	24	244405	19221
Jun-14	107	23	244512	19245
Jul-14	105	23	244617	19268
Aug-14	103	23	244721	19290
Sep-14	101	22	244822	19313
Oct-14	100	22	244922	19335
Nov-14	98	22	245019	19357
Dec-14	96	22	245115	19379
Jan-15	94	21	245209	19400
Feb-15	92	21	245302	19421
Mar-15	91	21	245393	19442
Apr-15	89	21	245482	19463
May-15	88	20	245569	19483
Jun-15	86	20	245655	19504
Jul-15	84	20	245740	19524
Aug-15	83	20	245822	19543
Sep-15	81	20	245904	19563
Oct-15	80	19	245984	19582
Nov-15	78	19	246062	19601
Dec-15	77	19	246139	19620
Jan-16	76	19	246214	19639
Feb-16	74	18	246289	19657
Mar-16	73	18	246361	19676
Apr-16	71	18	246433	19694
May-16	70	18	246503	19711
Jun-16	69	18	246572	19729

Production Projection

Jul-16	68	17	246640	19747
Aug-16	66	17	246706	19764
Sep-16	65	17	246771	19781
Oct-16	64	17	246835	19798
Nov-16	63	17	246898	19814
Dec-16	62	16	246960	19831
Jan-17	61	16	247020	19847
Feb-17	59	16	247080	19863
Mar-17	58	16	247138	19879
Apr-17	57	16	247196	19895
May-17	56	16	247252	19910
Jun-17	55	15	247307	19926
Jul-17	54	15	247361	19941
Aug-17	53	15	247415	19956
Sep-17	52	15	247467	19971
Oct-17	51	15	247518	19985
Nov-17	50	14	247569	20000
Dec-17	49	14	247618	20014
Jan-18	49	14	247667	20028
Feb-18	48	14	247715	20042
Mar-18	47	14	247761	20056
Apr-18	46	14	247807	20070
May-18	45	14	247853	20083
Jun-18	44	13	247897	20097
Jul-18	44	13	247940	20110
Aug-18	43	13	247983	20123
Sep-18	42	13	248025	20136
Oct-18	41	13	248066	20149
Nov-18	40	13	248107	20161
Dec-18	40	12	248146	20174
Jan-19	39	12	248185	20186
Feb-19	38	12	248224	20198
Mar-19	38	12	248261	20211
Apr-19	37	12	248298	20222
May-19	36	12	248334	20234
Jun-19	36	12	248370	20246
Jul-19	35	12	248405	20257
Aug-19	34	11	248439	20269
Sep-19	34	11	248473	20280
Oct-19	33	11	248506	20291
Nov-19	32	11	248538	20302
Dec-19	32	11	248570	20313
Jan-20	31	11	248601	20324
Feb-20	31	11	248632	20334
Mar-20	30	11	248662	20345
Apr-20	30	10	248692	20355
May-20	29	10	248721	20366
Jun-20	29	10	248749	20376
Jul-20	28	10	248777	20386

Production Projection

Aug-20	27	10	248805	20396
Sep-20	27	10	248832	20405
Oct-20	26	10	248858	20415
Nov-20	26	10	248884	20425
Dec-20	26	9	248910	20434
Jan-21	25	9	248935	20444
Feb-21	25	9	248959	20453
Mar-21	24	9	248983	20462
Apr-21	24	9	249007	20471
May-21	23	9	249030	20480
Jun-21	23	9	249053	20489
Jul-21	22	9	249076	20497
Aug-21	22	9	249098	20506
Sep-21	22	9	249119	20515
Oct-21	21	8	249141	20523
Nov-21	21	8	249161	20531
Dec-21	20	8	249182	20540
Jan-22	20	8	249202	20548
Feb-22	20	8	249222	20556
Mar-22	19	8	249241	20564
Apr-22	19	8	249260	20572
May-22	19	8	249279	20580
Jun-22	18	8	249297	20587
Jul-22	18	8	249315	20595
Aug-22	18	8	249333	20602
Sep-22	17	7	249350	20610
Oct-22	17	7	249367	20617
Nov-22	17	7	249384	20624
Dec-22	16	7	249400	20632
Jan-23	16	7	249417	20639
Feb-23	16	7	249432	20646
Mar-23	16	7	249448	20653
Apr-23	15	7	249463	20660
May-23	15	7	249478	20666
Jun-23	15	7	249493	20673
Jul-23	14	7	249507	20680
Aug-23	14	7	249521	20686
Sep-23	14	6	249535	20693
Oct-23	14	6	249549	20699
Nov-23	13	6	249562	20705
Dec-23	13	6	249576	20712
Jan-24	13	6	249589	20718
Feb-24	13	6	249601	20724
Mar-24	12	6	249614	20730
Apr-24	12	6	249626	20736
May-24	12	6	249638	20742
Jun-24	12	6	249650	20748
Jul-24	12	6	249661	20754
Aug-24	11	6	249673	20759

Production Projection

Sep-24	11	6	249684	20765
Oct-24	11	6	249695	20770
Nov-24	11	6	249706	20776
Dec-24	11	5	249716	20781
Jan-25	10	5	249726	20787
Feb-25	10	5	249737	20792
Mar-25	10	5	249747	20797
Apr-25	10	5	249756	20803
May-25	10	5	249766	20808
Jun-25	9	5	249776	20813
Jul-25	9	5	249785	20818
Aug-25	9	5	249794	20823
Sep-25	9	5	249803	20828
Oct-25	9	5	249812	20833
Nov-25	9	5	249820	20837
Dec-25	8	5	249829	20842
Jan-26	8	5	249837	20847
Feb-26	8	5	249845	20852
Mar-26	8	5	249853	20856
Apr-26	8	5	249861	20861
May-26	8	4	249869	20865
Jun-26	8	4	249877	20870
Jul-26	7	4	249884	20874
Aug-26	7	4	249891	20878
Sep-26	7	4	249898	20883
Oct-26	7	4	249905	20887
Nov-26	7	4	249912	20891
Dec-26	7	4	249919	20895
Jan-27	7	4	249926	20899
Feb-27	7	4	249932	20903
Mar-27	6	4	249939	20907
Apr-27	6	4	249945	20911
May-27	6	4	249951	20915
Jun-27	6	4	249957	20919
Jul-27	6	4	249963	20923
Aug-27	6	4	249969	20927
Sep-27	6	4	249975	20930
Oct-27	6	4	249981	20934
Nov-27	6	4	249986	20938
Dec-27	5	4	249992	20941
Jan-28	5	4	249997	20945
Feb-28	5	4	250002	20948
Mar-28	5	3	250007	20952
Apr-28	5	3	250013	20955
May-28	5	3	250017	20959
Jun-28	5	3	250022	20962
Jul-28	5	3	250027	20965
Aug-28	5	3	250032	20969
Sep-28	5	3	250036	20972

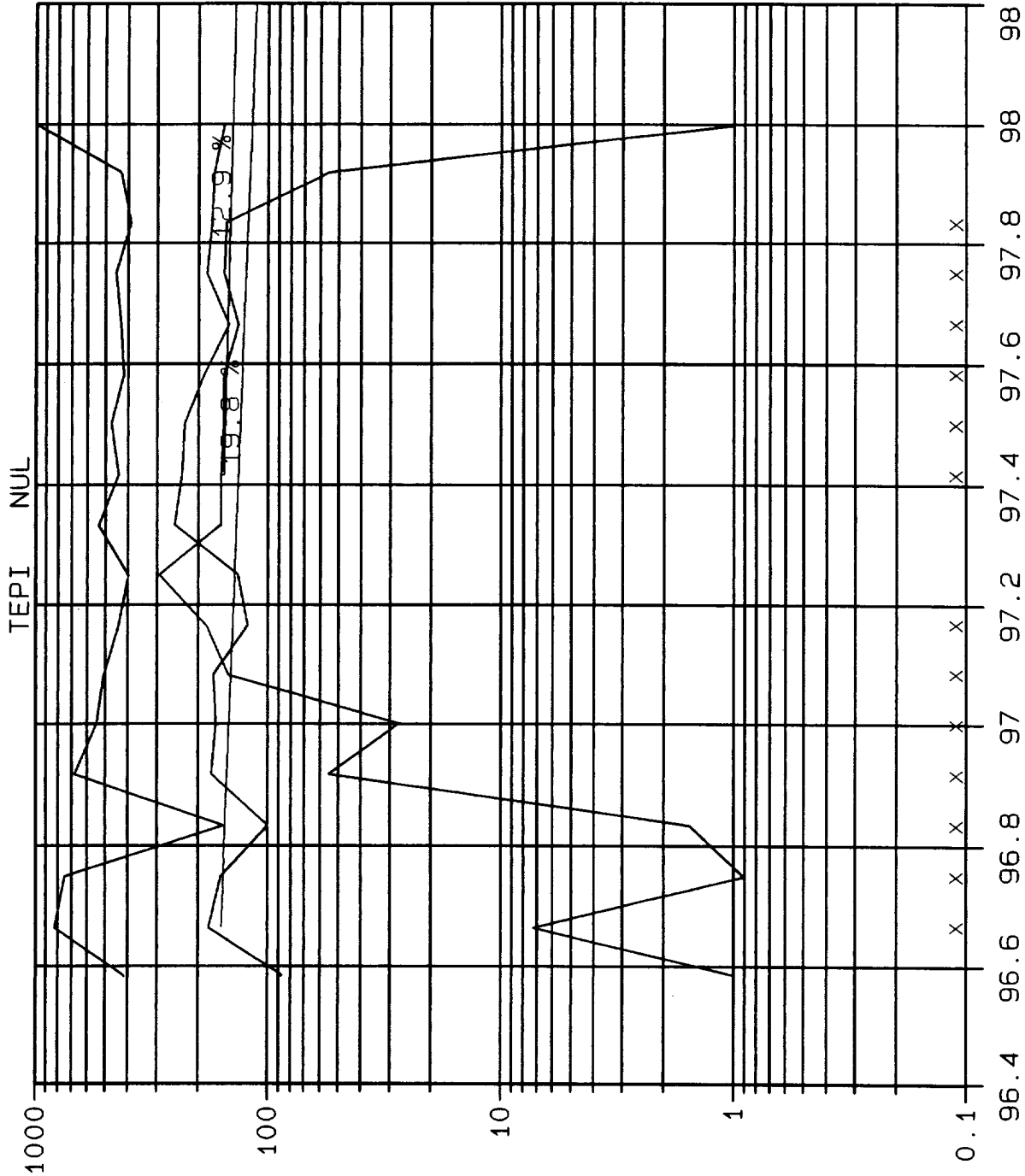
Production Projection

Oct-28	5	3	250041	20975
Nov-28	4	3	250045	20978
Dec-28	4	3	250050	20981
Jan-29	4	3	250054	20984
Feb-29	4	3	250058	20987
Mar-29	4	3	250062	20991
Apr-29	4	3	250067	20993
May-29	4	3	250071	20996
Jun-29	4	3	250074	20999
Jul-29	4	3	250078	21002
Aug-29	4	3	250082	21005
Sep-29	4	3	250086	21008
Oct-29	4	3	250089	21011
Nov-29	4	3	250093	21014
Dec-29	4	3	250096	21016
Jan-30	3	3	250100	21019
Mar-30	3	3	250103	21022
Mar-30	3	3	250107	21024
Apr-30	3	3	250110	21027
May-30	3	3	250113	21029
Jun-30	3	3	250116	21032
Jul-30	3	3	250119	21035
Aug-30	3	2	250122	21037
Sep-30	3	2	250125	21039
Oct-30	3	2	250128	21042
Nov-30	3	2	250131	21044
Dec-30	3	2	250134	21047
Jan-31	3	2	250137	21049
Mar-31	3	2	250139	21051
Mar-31	3	2	250142	21054
Apr-31	3	2	250145	21056
May-31	3	2	250147	21058
Jun-31	3	2	250150	21060
Jul-31	2	2	250152	21063
Aug-31	2	2	250155	21065
Sep-31	2	2	250157	21067
Oct-31	2	2	250159	21069
Nov-31	2	2	250162	21071
Dec-31	2	2	250164	21073
Jan-32	2	2	250166	21075
Mar-32	2	2	250168	21077
Mar-32	2	2	250170	21079
Apr-32	2	2	250172	21081
May-32	2	2	250175	21083
Jun-32	2	2	250177	21085
Jul-32	2	2	250179	21087
Aug-32	2	2	250180	21089
Sep-32	2	2	250182	21091
Oct-32	2	2	250184	21093

Production Projection

Nov-32	2	250186	21095
Dec-32	2	250188	21096
Jan-33	2	250190	21098
Mar-33	2	250191	21100
Mar-33	2	250193	21102
Apr-33	2	250195	21103
May-33	2	250196	21105
Jun-33	2	250198	21107
Jul-33	2	250200	21108
Aug-33	2	250201	21110
Sep-33	2	250203	21112
Oct-33	2	250204	21113
Dec-33	1	250206	21115
Jan-34	1	250207	21116
Feb-34	1	250209	21118
Mar-34	1	250210	21120
Mar-34	1	250211	21121
Apr-34	1	250213	21123
May-34	1	250214	21124
Jun-34	1	250215	21126
Jul-34	1	250217	21127
Aug-34	1	250218	21128
Oct-34	1	250219	21130
Nov-34	1	250220	21131
Dec-34	1	250221	21133
Jan-35	1	250223	21134
Feb-35	1	250224	21135
Mar-35	1	250225	21137
Mar-35	1	250226	21138
Apr-35	1	250227	21139
May-35	1	250228	21141
Jul-35	1	250229	21142
Aug-35	1	250230	21143
Sep-35	1	250231	21144
Oct-35	1	250232	21146
Nov-35	1	250233	21147
Dec-35	1	250234	21148
Jan-36	1	250235	21149
Feb-36	1	250236	21150
Mar-36	1	250237	21152
Mar-36	1	250238	21153
Apr-36	1	250239	21154
May-36	1	250239	21155
Jul-36	1	250240	21156
Aug-36	1	250241	21157
Sep-36	1	250242	21158
Oct-36	1	250243	21159
Nov-36	1	250243	21160
Dec-36	1	250244	21162

VACUUM GRAYBURG SAN ANDRES UT 159 VACUUM GRAYBURG SAN ANDRES



YEARS

LEASE DATA
 LSE 011124
 FLD 62180
 OPER TEPI
 ZONE NUL
 --
 COUNTY 025
 STATE 30
 30025334640001
 STATUS 12-97
 CO 92 MBO
 CG 56 MCMF
 CW 281 MBW
 BOPD 155
 BWPD 965
 MCFPD 0
 WELLS 1
 CI 0 MBWI
 BWIPD 0

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240
DISTRICT II
P.O. Box 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.	30-025-33464
5. Indicate Type of Lease	STATE ☒ FEE ☐
6. State Oil / Gas Lease No.	B-1733
7. Lease Name or Unit Agreement Name	VACUUM GRAYBURG SAN ANDRES UNIT
8. Well No.	159
9. Pool Name or Wildcat	VACUUM GRAYBURG SAN ANDRES
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	3985' GR

SUNDRY NOTICES AND REPORTS ON WELL
(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	TEXACO EXPLORATION & PRODUCTION INC.
3. Address of Operator	205 E. Bender, HOBBS, NM 88240

4. Well Location	Unit Letter <u>A</u> ; <u>907</u> Feet From The <u>NORTH</u> Line and <u>350</u> Feet From The <u>EAST</u> Line
	Section <u>1</u> Township <u>18-S</u> Range <u>34-E</u> NMPM <u>LEA</u> COUNTY

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 OPERATION ☐	PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐	ADDED PAY, FRACTURE TREATMENT ☒

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.

3/10/97 - 3/20/97
1. MIRU. Installed BOP & TOH w/ sub pump & tbq. Cleaned out to 4511.
2. Set CIBP @ 4470'. Perforated the following intervals: 4370' - 90', 4400' - 20' (4 SPF, .52" holes, 40', 160 holes, 120° F).
3. Spotted 600# sand on top of CIBP @ 4470', PBTD @ 4430'.
4. TIH w/ 5-1/2" treating packer & 3-1/2", 9.3# frac tubing. Tested tubing to 8000#, OK. Set pkr @ 4221'. Load backside & tested to 1000#, OK. Pumped 3 drums of TH-756 inhibitor mixed in 30 BFW. Flushed w/ produced water.
5. Fracture treated perfs from 4334' - 4428' w/ 35,154 gallons 40# YF-40 Gel, 900# adamite regaine, 61,780# 20/40 Ottawa sand, & 60,010# 20/40 curable resin coated sand. Max P = 6820#, AIR = 35 BPM. Flowed back for forced closure. SION.
6. Rigged up coiled tbq unit. Tagged sand @ 4015'. Cleaned out to pkr @ 4221', cleaned out casing to 4459'. Released & TOH w/ pkr & frac tbq. TIH w/ bit & foam air unit, tagged sand @ 4413'. Drilled out sand & CIBP @ 4470' to 4780'. Cired hole clean.
7. TIH w/ production equipment & returned well to production.
OPT 3/27/97 PUMPING BY SUB PUMP: 266 BOPD, 595 BWPD, 52 MCFO
(TEPI INTERNAL STATUS REMAINS: PM)

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

SIGNATURE Monte C. Duncan TITLE Engr Asst DATE 7/10/97

TYPE OR PRINT NAME Monte C. Duncan Telephone No. 397-0418

(This space for State Use)
APPROVED BY Paul Kautz Geologist TITLE Geologist DATE 7/10/97

CONDITIONS OF APPROVAL, IF ANY: