

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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H-0429

**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 #156 API #: 30 025 30851
Location of Well: Unit Letter C, 660 Feet from the North line and 1330 feet from the West line,
Section 1, Township 18S, Range 34, NMPM, Lea County
III. Date Workover Procedures Commenced: 05-20-97
Date Workover Procedures were Completed: 05-31-97
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.

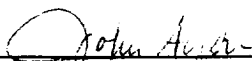
R. S. Pool
(Name)

Senior Engineer Hobbs Operating Unit
(Title)

my

Vacuum Grayburg San Andres Unit #156

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 5-31-97, 1997.


District Supervisor, District _____
Oil Conservation Division
Date: 2/20/98 **Geological**

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

Production Projection

Well Name & #:	Vacuum Grayburg San Andres Unit #156	Prior Oil Prod. Rate (BOPD):	36
Producing Formation:	Vacuum Grayburg San Andres	Oil Decline Factor:	0.992107957
Oil Decline Rate (%):	9	Prior Gas Prod. Rate (MCFGD):	17
Gas Decline Rate (%):	23		
Completion Date (m/yr):	May-97	Gas Decline Factor:	0.978560914

Month	Projected Oil Production	Projected Gas Production	Projected Cumulative Oil Production	Projected Cumulative Gas Production
May-97	1094	517	1094	517
Jun-97	1086	506	2180	1023
Jul-97	1077	495	3257	1517
Aug-97	1069	484	4326	2002
Sep-97	1060	474	5386	2476
Oct-97	1052	464	6438	2939
Nov-97	1044	454	7482	3393
Dec-97	1035	444	8517	3837
Jan-98	1027	435	9544	4272
Feb-98	1019	425	10563	4697
Mar-98	1011	416	11574	5113
Apr-98	1003	407	12577	5520
May-98	995	398	13573	5919
Jun-98	987	390	14560	6309
Jul-98	979	382	15539	6690
Aug-98	972	373	16511	7063
Sep-98	964	365	17475	7429
Oct-98	956	358	18432	7786
Nov-98	949	350	19381	8136
Dec-98	941	342	20322	8479
Jan-99	934	335	21256	8814
Feb-99	927	328	22183	9141
Mar-99	919	321	23102	9462
Apr-99	912	314	24014	9776
May-99	905	307	24919	10083
Jun-99	898	301	25817	10384
Jul-99	891	294	26707	10678
Aug-99	884	288	27591	10966
Sep-99	877	282	28468	11248
Oct-99	870	276	29337	11523
Nov-99	863	270	30200	11793
Dec-99	856	264	31056	12057
Jan-00	849	258	31906	12315
Feb-00	843	253	32748	12568
Mar-00	836	247	33584	12816
Apr-00	829	242	34414	13058

Production Projection

May-00	823	237	35236	13294
Jun-00	816	232	36053	13526
Jul-00	816	232	36053	13526
Aug-00	810	227	36863	13753
Sep-00	803	222	37666	13975
Oct-00	797	217	38463	14192
Nov-00	791	213	39254	14405
Dec-00	785	208	40039	14613
Jan-01	778	204	40817	14816
Feb-01	772	199	41589	15015
Mar-01	766	195	42356	15210
Apr-01	760	191	43116	15401
May-01	754	187	43870	15588
Jun-01	748	183	44618	15770
Jul-01	748	183	44618	15770
Aug-01	742	179	45360	15949
Sep-01	736	175	46097	16124
Oct-01	731	171	46827	16295
Nov-01	725	167	47552	16462
Dec-01	719	164	48271	16626
Jan-02	713	160	48985	16787
Feb-02	708	157	49692	16943
Mar-02	702	154	50395	17097
Apr-02	697	150	51091	17247
May-02	691	147	51783	17394
Jun-02	686	144	52468	17538
Jul-02	686	144	52468	17538
Aug-02	680	141	53149	17679
Sep-02	675	138	53824	17817
Oct-02	670	135	54493	17952
Nov-02	664	132	55157	18084
Dec-02	659	129	55817	18213
Jan-03	654	126	56470	18339
Feb-03	649	124	57119	18463
Mar-03	644	121	57763	18584
Apr-03	639	118	58401	18702
May-03	633	116	59035	18818
Jun-03	628	113	59663	18931
Jul-03	624	111	60287	19042
Aug-03	619	109	60906	19151
Sep-03	614	106	61519	19257
Oct-03	609	104	62128	19361
Nov-03	604	102	62732	19463
Dec-03	599	100	63332	19562
Jan-04	595	97	63926	19660
Feb-04	590	95	64516	19755
Mar-04	585	93	65101	19848
Apr-04	581	91	65682	19939
May-04	576	89	66256	20029

Production Projection

Jun-04	571	87	66829	20116
Jul-04	567	86	67396	20202
Aug-04	563	84	67959	20285
Sep-04	558	82	68517	20367
Oct-04	554	80	69071	20447
Nov-04	549	78	69620	20526
Dec-04	545	77	70165	20603
Jan-05	541	75	70705	20678
Feb-05	536	73	71242	20751
Mar-05	532	72	71774	20823
Apr-05	528	70	72302	20893
May-05	524	69	72826	20962
Jun-05	520	67	73345	21030
Jul-05	516	66	73861	21096
Aug-05	511	65	74372	21160
Sep-05	507	63	74880	21223
Oct-05	503	62	75383	21285
Nov-05	499	60	75883	21346
Dec-05	496	59	76378	21405
Jan-06	492	58	76870	21463
Feb-06	488	57	77358	21519
Mar-06	484	55	77842	21575
Apr-06	480	54	78322	21629
May-06	476	53	78798	21682
Jun-06	473	52	79270	21734
Jul-06	469	51	79739	21785
Aug-06	465	50	80204	21835
Sep-06	461	49	80666	21883
Oct-06	458	48	81124	21931
Nov-06	454	47	81578	21978
Dec-06	451	46	82028	22023
Jan-07	447	45	82475	22068
Feb-07	444	44	82919	22112
Mar-07	440	43	83359	22154
Apr-07	437	42	83795	22196
May-07	433	41	84228	22237
Jun-07	430	40	84658	22277
Jul-07	426	39	85084	22316
Aug-07	423	38	85507	22355
Sep-07	420	38	85927	22392
Oct-07	416	37	86343	22429
Nov-07	413	36	86756	22465
Dec-07	410	35	87166	22500
Jan-08	406	34	87572	22534
Feb-08	403	34	87976	22568
Mar-08	400	33	88376	22601
Apr-08	397	32	88773	22633
May-08	394	32	89166	22665
Jun-08	391	31	89557	22696

Production Projection

Jul-08	388	30	89945	22726
Aug-08	385	30	90329	22756
Sep-08	382	29	90711	22785
Oct-08	379	28	91089	22813
Nov-08	376	28	91465	22841
Dec-08	373	27	91837	22868
Jan-09	370	27	92207	22894
Feb-09	367	26	92574	22920
Mar-09	364	25	92938	22946
Apr-09	361	25	93298	22970
May-09	358	24	93657	22995
Jun-09	355	24	94012	23019
Jul-09	352	23	94364	23042
Aug-09	350	23	94714	23065
Sep-09	347	22	95061	23087
Oct-09	344	22	95405	23109
Nov-09	341	21	95746	23130
Dec-09	339	21	96085	23151
Jan-10	336	20	96421	23172
Feb-10	333	20	96755	23192
Mar-10	331	20	97086	23211
Apr-10	328	19	97414	23230
May-10	326	19	97739	23249
Jun-10	323	18	98062	23268
Jul-10	320	18	98383	23285
Aug-10	318	18	98701	23303
Sep-10	315	17	99016	23320
Oct-10	313	17	99329	23337
Nov-10	310	16	99640	23354
Dec-10	308	16	99948	23370
Jan-11	306	16	100253	23385
Feb-11	303	15	100557	23401
Mar-11	301	15	100857	23416
Apr-11	298	15	101156	23431
May-11	296	14	101452	23445
Jun-11	294	14	101746	23459
Jul-11	291	14	102037	23473
Aug-11	289	14	102326	23487
Sep-11	287	13	102613	23500
Oct-11	285	13	102898	23513
Nov-11	282	13	103180	23526
Dec-11	280	12	103460	23538
Jan-12	278	12	103738	23550
Feb-12	276	12	104014	23562
Mar-12	274	12	104287	23574
Apr-12	271	11	104558	23585
May-12	269	11	104828	23596
Jun-12	267	11	105095	23607
Jul-12	265	11	105360	23618

Production Projection

Aug-12	263	10	105623	23629
Sep-12	261	10	105884	23639
Oct-12	259	10	106142	23649
Nov-12	257	10	106399	23659
Dec-12	255	10	106654	23668
Jan-13	253	9	106906	23677
Feb-13	251	9	107157	23687
Mar-13	249	9	107406	23696
Apr-13	247	9	107653	23704
May-13	245	9	107897	23713
Jun-13	243	8	108140	23721
Jul-13	241	8	108381	23730
Aug-13	239	8	108620	23738
Sep-13	237	8	108857	23746
Oct-13	235	8	109093	23753
Nov-13	233	8	109326	23761
Dec-13	232	7	109558	23768
Jan-14	230	7	109787	23776
Feb-14	228	7	110015	23783
Mar-14	226	7	110242	23790
Apr-14	224	7	110466	23796
May-14	223	7	110689	23803
Jun-14	221	6	110909	23809
Jul-14	219	6	111128	23816
Aug-14	217	6	111346	23822
Sep-14	216	6	111561	23828
Oct-14	214	6	111775	23834
Nov-14	212	6	111988	23840
Dec-14	211	6	112198	23846
Jan-15	209	6	112407	23851
Feb-15	207	5	112614	23857
Mar-15	206	5	112820	23862
Apr-15	204	5	113024	23867
May-15	202	5	113227	23872
Jun-15	201	5	113427	23877
Jul-15	199	5	113627	23882
Aug-15	198	5	113824	23887
Sep-15	196	5	114020	23892
Oct-15	195	5	114215	23896
Nov-15	193	4	114408	23901
Dec-15	191	4	114599	23905
Jan-16	190	4	114789	23909
Feb-16	188	4	114978	23914
Mar-16	187	4	115165	23918
Apr-16	186	4	115350	23922
May-16	184	4	115534	23926
Jun-16	183	4	115717	23929
Jul-16	181	4	115898	23933
Aug-16	180	4	116078	23937

Production Projection

Sep-16	178	4	116256	23941
Oct-16	177	4	116433	23944
Nov-16	176	3	116609	23948
Dec-16	174	3	116783	23951
Jan-17	173	3	116955	23954
Feb-17	171	3	117127	23958
Mar-17	170	3	117297	23961
Apr-17	169	3	117466	23964
May-17	167	3	117633	23967
Jun-17	166	3	117799	23970
Jul-17	165	3	117964	23973
Aug-17	163	3	118127	23976
Sep-17	162	3	118289	23978
Oct-17	161	3	118450	23981
Nov-17	160	3	118610	23984
Dec-17	158	3	118768	23986
Jan-18	157	3	118925	23989
Feb-18	156	2	119081	23991
Mar-18	155	2	119236	23994
Apr-18	153	2	119389	23996
May-18	152	2	119541	23999
Jun-18	151	2	119692	24001
Jul-18	150	2	119842	24003
Aug-18	149	2	119990	24005
Sep-18	147	2	120138	24007
Oct-18	146	2	120284	24010
Nov-18	145	2	120429	24012
Dec-18	144	2	120573	24014
Jan-19	143	2	120716	24016
Feb-19	142	2	120858	24018
Mar-19	141	2	120998	24019
Apr-19	139	2	121138	24021
May-19	138	2	121276	24023
Jun-19	137	2	121413	24025
Jul-19	136	2	121550	24027
Aug-19	135	2	121685	24028
Sep-19	134	2	121819	24030
Oct-19	133	2	121952	24032
Nov-19	132	2	122084	24033
Dec-19	131	2	122215	24035
Jan-20	130	2	122345	24036
Feb-20	129	1	122473	24038
Mar-20	128	1	122601	24039
Apr-20	127	1	122728	24041
May-20	126	1	122854	24042
Jun-20	125	1	122979	24043
Jul-20	124	1	123103	24045
Aug-20	123	1	123225	24046
Sep-20	122	1	123347	24047

Production Projection

Oct-20	121	1	123468	24048
Nov-20	120	1	123588	24050
Dec-20	119	1	123707	24051
Jan-21	118	1	123825	24052
Feb-21	117	1	123943	24053
Mar-21	116	1	124059	24054
Apr-21	115	1	124174	24055
May-21	114	1	124289	24057
Jun-21	114	1	124402	24058
Jul-21	113	1	124515	24059
Aug-21	112	1	124626	24060
Sep-21	111	1	124737	24061
Oct-21	110	1	124847	24062
Nov-21	109	1	124956	24062
Dec-21	108	1	125065	24063
Jan-22	107	1	125172	24064
Feb-22	107	1	125279	24065
Mar-22	106	1	125384	24066
Apr-22	105	1	125489	24067
May-22	104	1	125593	24068
Jun-22	103	1	125696	24069
Jul-22	102	1	125799	24069
Aug-22	102	1	125900	24070
Sep-22	101	1	126001	24071
Oct-22	100	1	126101	24072
Nov-22	99	1	126200	24072
Dec-22	98	1	126299	24073
Jan-23	98	1	126396	24074
Feb-23	97	1	126493	24074
Mar-23	96	1	126589	24075
Apr-23	95	1	126685	24076
May-23	95	1	126779	24076
Jun-23	94	1	126873	24077
Jul-23	93	1	126966	24078
Aug-23	92	1	127059	24078
Sep-23	92	1	127150	24079
Oct-23	91	1	127241	24079
Nov-23	90	1	127331	24080
Dec-23	89	1	127421	24080
Jan-24	89	1	127510	24081
Feb-24	88	1	127598	24082
Mar-24	87	1	127685	24082
Apr-24	87	1	127772	24083
May-24	86	0	127858	24083
Jun-24	85	0	127943	24084
Jul-24	85	0	128028	24084
Aug-24	84	0	128112	24084
Sep-24	83	0	128195	24085
Oct-24	83	0	128278	24085

Production Projection

Nov-24	82	0	128360	24086
Dec-24	81	0	128441	24086
Jan-25	81	0	128522	24087
Feb-25	80	0	128602	24087
Mar-25	79	0	128682	24087
Apr-25	79	0	128760	24088
May-25	78	0	128839	24088
Jun-25	78	0	128916	24089
Jul-25	77	0	128993	24089
Aug-25	76	0	129070	24089
Sep-25	76	0	129145	24090
Oct-25	75	0	129221	24090
Nov-25	75	0	129295	24090
Dec-25	74	0	129369	24091
Jan-26	73	0	129443	24091
Feb-26	73	0	129515	24091
Mar-26	72	0	129588	24092
Apr-26	72	0	129659	24092
May-26	71	0	129730	24092
Jun-26	71	0	129801	24092
Jul-26	70	0	129871	24093
Aug-26	69	0	129941	24093
Sep-26	69	0	130009	24093
Oct-26	68	0	130078	24094
Nov-26	68	0	130146	24094
Dec-26	67	0	130213	24094
Jan-27	67	0	130280	24094
Feb-27	66	0	130346	24095
Mar-27	66	0	130412	24095
Apr-27	65	0	130477	24095
May-27	65	0	130541	24095
Jun-27	64	0	130606	24095
Jul-27	64	0	130669	24096
Aug-27	63	0	130732	24096
Sep-27	63	0	130795	24096
Oct-27	62	0	130857	24096
Nov-27	62	0	130919	24096
Dec-27	61	0	130980	24097
Jan-28	61	0	131041	24097
Feb-28	60	0	131101	24097
Mar-28	60	0	131161	24097
Apr-28	59	0	131220	24097
May-28	59	0	131279	24098
Jun-28	58	0	131337	24098
Jul-28	58	0	131395	24098
Aug-28	57	0	131452	24098
Sep-28	57	0	131509	24098
Oct-28	57	0	131566	24098
Nov-28	56	0	131622	24099

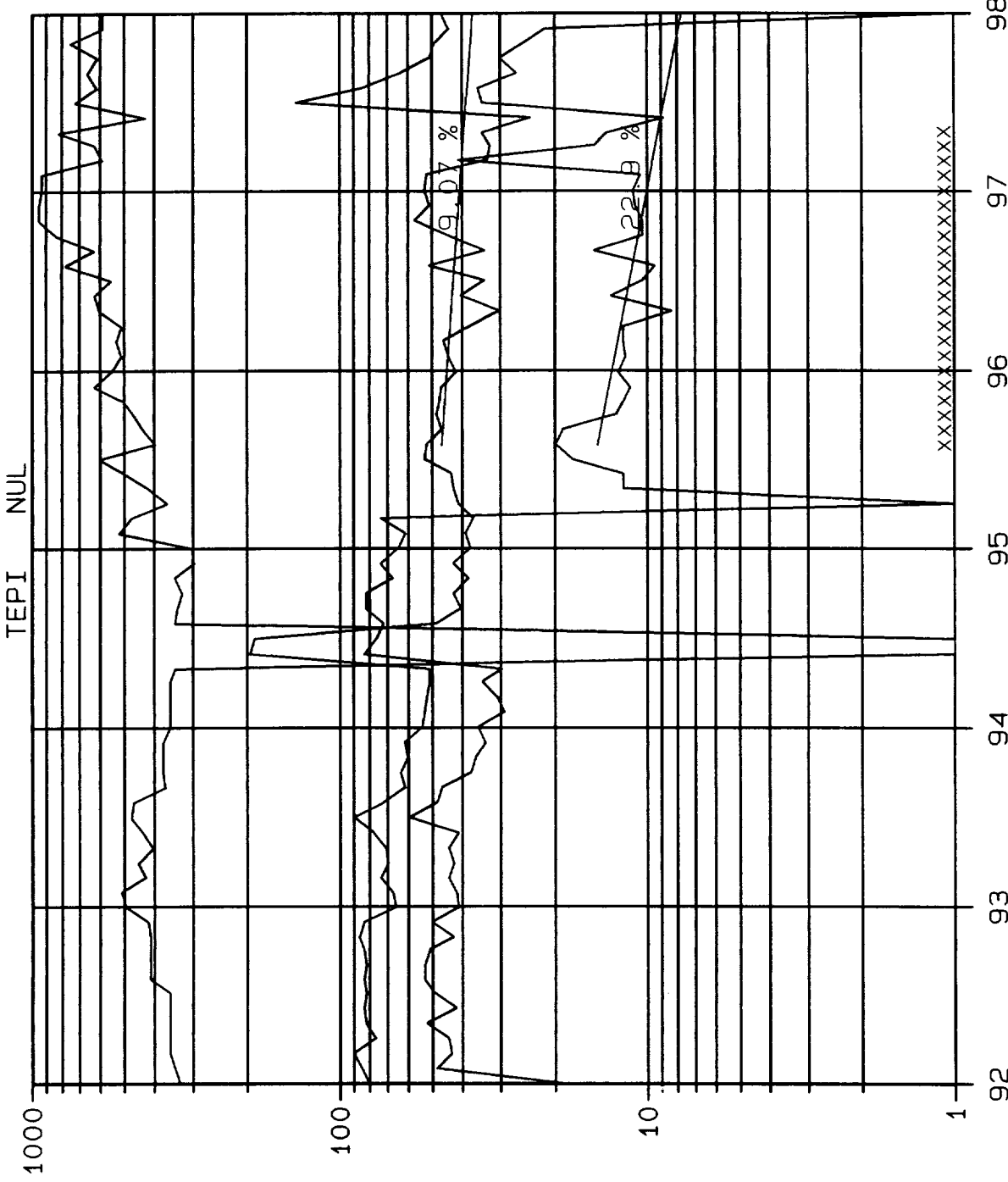
Production Projection

Dec-28	56	0	131678	24099
Jan-29	55	0	131733	24099
Feb-29	55	0	131788	24099
Mar-29	54	0	131842	24099
Apr-29	54	0	131896	24099
May-29	53	0	131949	24099
Jun-29	53	0	132002	24100
Jul-29	53	0	132055	24100
Aug-29	52	0	132107	24100
Sep-29	52	0	132159	24100
Oct-29	51	0	132210	24100
Nov-29	51	0	132261	24100
Dec-29	51	0	132312	24100
Jan-30	50	0	132362	24100
Feb-30	50	0	132412	24100
Mar-30	49	0	132461	24101
May-30	49	0	132510	24101
May-30	49	0	132559	24101
Jun-30	48	0	132607	24101
Jul-30	48	0	132655	24101
Aug-30	47	0	132703	24101
Sep-30	47	0	132750	24101
Oct-30	47	0	132796	24101
Nov-30	46	0	132843	24101
Dec-30	46	0	132889	24101
Jan-31	46	0	132934	24102
Mar-31	45	0	132980	24102
Apr-31	45	0	133025	24102
May-31	45	0	133069	24102
Jun-31	44	0	133113	24102
Jul-31	44	0	133157	24102
Aug-31	44	0	133201	24102
Sep-31	43	0	133244	24102
Oct-31	43	0	133287	24102
Nov-31	42	0	133329	24102
Dec-31	42	0	133371	24102
Jan-32	41	0	133413	24102
Mar-32	41	0	133455	24103
Mar-32	41	0	133496	24103
Apr-32	41	0	133537	24103
May-32	41	0	133577	24103
May-32	40	0	133617	24103
Jun-32	40	0	133657	24103
Jul-32	40	0	133697	24103
Aug-32	39	0	133736	24103
Sep-32	39	0	133775	24103
Oct-32	39	0	133814	24103
Nov-32	38	0	133852	24103
Dec-32	38	0	133890	24103

Production Projection

Jan-33	38	0	133928	24103
Mar-33	37	0	133965	24103
Apr-33	37	0	134002	24103
May-33	37	0	134039	24103
May-33	37	0	134076	24103
Jun-33	36	0	134112	24103
Jul-33	36	0	134148	24103
Aug-33	36	0	134184	24103
Sep-33	35	0	134219	24104
Oct-33	35	0	134254	24104
Nov-33	35	0	134289	24104
Dec-33	35	0	134324	24104
Jan-34	34	0	134358	24104
Mar-34	34	0	134392	24104
Apr-34	34	0	134426	24104
May-34	34	0	134459	24104
May-34	33	0	134493	24104
Jun-34	33	0	134526	24104
Jul-34	33	0	134558	24104
Aug-34	32	0	134591	24104
Sep-34	32	0	134623	24104
Oct-34	32	0	134655	24104
Dec-34	32	0	134687	24104
Jan-35	31	0	134718	24104
Feb-35	31	0	134749	24104
Mar-35	31	0	134780	24104
Apr-35	31	0	134811	24104
May-35	30	0	134841	24104
May-35	30	0	134872	24104
Jun-35	30	0	134902	24104
Jul-35	30	0	134931	24104
Aug-35	30	0	134961	24104
Oct-35	29	0	134990	24104
Nov-35	29	0	135019	24104
Dec-35	29	0	135048	24104
Jan-36	29	0	135077	24104
Feb-36	28	0	135105	24104
Mar-36	28	0	135133	24104
Apr-36	28	0	135161	24104
May-36	28	0	135189	24104
May-36	27	0	135216	24105
Jun-36	27	0	135244	24105
Jul-36	27	0	135271	24105
Aug-36	27	0	135297	24105
Oct-36	27	0	135324	24105
Nov-36	26	0	135351	24105
Dec-36	26	0	135377	24105
Jan-37	26	0	135403	24105
Feb-37	26	0	135429	24105

VACUUM GRAYBURG SAN ANDRES UT 156 VACUUM GRAYBURG SAN ANDRES



YEARS

LEASE DATA
 LSE 011124
 FLD 62180
 OPER TEPI
 ZONE NUL
 --
 COUNTY 025
 STATE 30
 30025308510001
 STATUS 12-97
 CO 169 MBO
 CG 99 MCMF
 CW 1230 MBW
 BOPD 47
 BWPD 588
 MCFPD 0
 WELLS 1
 CI 0 MBWI
 BWIPD 0

BOPD
 BWPD
 MCFPD

Office
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.	30-025-30851
5. Indicate Type of Lease	STATE ☒ FEE ☐
6. State Oil / Gas Lease No.	857948
7. Lease Name or Unit Agreement Name	VACUUM GRAYBURG SAN ANDRES UNIT
8. Well No.	156
9. Pool Name or Wildcat	VACUUM GRAYBURG SAN ANDRES

SUNDY 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 C 660 Feet From The NORTH Line and 1330 Feet From The WEST Line
Section 1 Township 18S Range 34E NMPM LEA COUNTY

10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3998' 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 OPERATION ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: 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.

5/20/97 - 5/31/97

1. MIRU. TOH w/ sub pump. Cleaned out wellbore to 4779'. Set CIBP @ 4440'.

2. TIH w/ 5 1/2" pkr, 3 1/2", 10K frac tbg. Tested frac tbg to 8500 psi, OK. Set Pkr @ 4114'. Loaded & tested casing to 1000#, OK.

3. Pumped 2 drums of TH-756 inhibitor mixed in 20 BFW across perfs across perfs 4226'-4430'. Flushed to perfs.

4. Fracture treated perfs 4226-4430' with 20,000 gals 40# Crossed-Linked gel, 400 # adomite regaine, 47,000# 16/30 Ottawa sand & 18,000# 16/30 curable resin coated sand. Max P = 4500#, AIR = 35 BPM. SION. Released & TOH w/ pkr.

5. TIH w/ bit, tagged sand @ 4251'. Cleaned out sand & CIBP @ 4440' to 4770' (PBSD @ 4814'). Circd hole clean.

6. TIH w/ sub pump. Returned well to production.

OPT 6/6/97 PUMPING BY SUB PUMP: 130 BOPD, 750 BWPD, 33 MCFD

(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 7/9/97

TYPE OR PRINT NAME Monte C. Duncan

Telephone No. 397-0418

(This space for State Use)

APPROVED BY _____ TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

DeSoto/Nichols 12-93 ver 1.0