

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

Submit Original

Plus 2 Copies

to appropriate

District Office

H-0033

**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: PO Box 730; Hobbs, New Mexico 88240
Contact Party: Robert T. McNaughton Phone #: (505) 397-0428
- II. Name of Well: M. T. Keohane Federal No. 3 API #: 30 - 025 - 29982
Location of Well: Unit Letter D, 330 Feet from the North Line and 990 feet from the West line,
Section 14, Township 18-S, Range 33-E, NMPM, Lea County
- III. Date Workover Procedures Commenced: 9/27/95
Date Workover Procedures were Completed: 9/28/95
- IV. Attach a description of the Workover Procedures undertaken to increase the production from the Well.
Upsized the existing sub pump and improved the system efficiency.
- 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: Mescalero Escarpe Bone Springs

VII. AFFIDAVIT:

State of New Mexico)
) ss.
County of Lea)

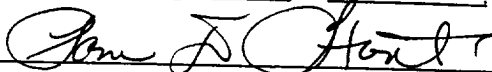
Russell S. Pool, being first duly sworn, upon oath states:

- I am the Operator or authorized representative of the Operator of the above referenced Well.
- 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.
- 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)

Sr. Production Eng.
(Title)

SUBSCRIBED AND SWORN TO before me this 16th day of May, 19 96


Notary Public Pam D. Hunt

My Commission expires: 9/13/97

FOR OIL CONSERVATION DIVISION USE ONLY:

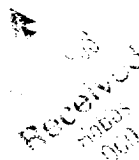
VIII. CERTIFICATION OF APPROVAL:

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 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 has been completed as of 9 - 28, 19 95.

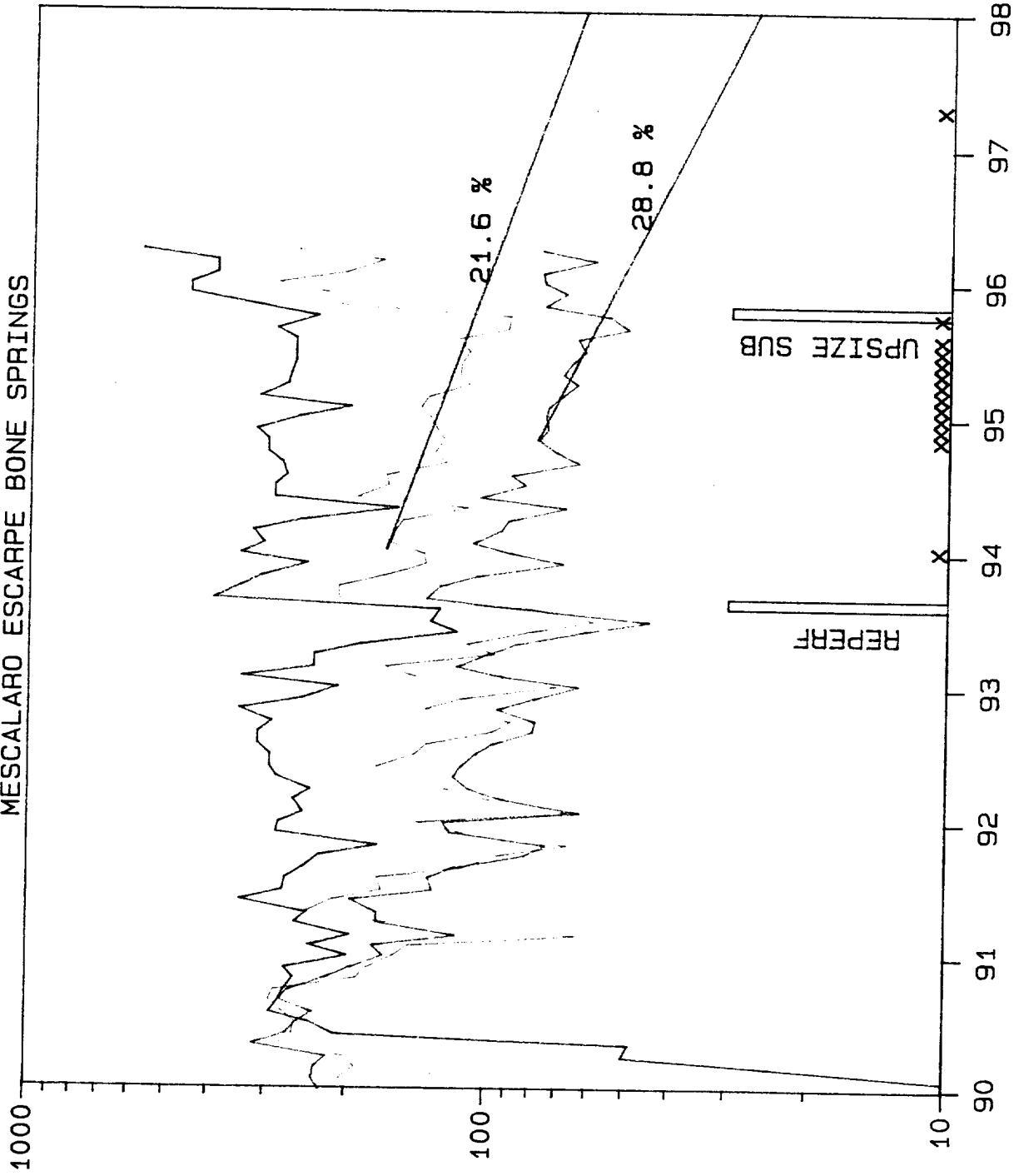

District Supervisor, District I
Oil Conservation Division
DISTRICT I SUPERVISOR

Date: 6/20/96

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



M. T. KEOHANE FEDERAL No. 3
MESCALARO ESCARPE BONE SPRINGS



LEASE DATA
LSE
FLD 0
OPER TEPI
ZONE 0
--
COUNTY 0
STATE 30
KEOHANE, M. T.
STATUS 3-96
CO 456 MBU
CG 467 MMCF
CW 606 MBW
BOPD 77
BWPD 576
MCFPD 262
WELLS 1
LI 0 MBWT
BWTPD 0

YEARS

Production Projection

Well Name & #:

M. T. Keohane Fed No. 3

Current Oil Prod. Rate (BOPD):

55

Producing Formation:

Mescalero Escarpe Bone Springs

Oil Decline Factor:

0.972090428

Oil Decline Rate (%):

28.8

Current Gas Prod. Rate (MCFGD):

90

Gas Decline Rate (%):

21.6

Completion Date (m/yr):

Sep-95

Gas Decline Factor:

0.979925379

Month	Projected Oil Production	Projected Gas Production	Projected Cumulative Oil Production	Projected Cumulative Gas Production
Sep-95	1656	2704	1656	2704
Oct-95	1610	2650	3266	5354
Nov-95	1565	2597	4831	7950
Dec-95	1521	2544	6352	10495
Jan-96	1479	2493	7831	12988
Feb-96	1437	2443	9268	15431
Mar-96	1397	2394	10665	17825
Apr-96	1358	2346	12024	20172
May-96	1320	2299	13344	22471
Jun-96	1284	2253	14628	24724
Jul-96	1248	2208	15875	26931
Aug-96	1213	2163	17088	29095
Sep-96	1179	2120	18267	31215
Oct-96	1146	2077	19414	33292
Nov-96	1114	2036	20528	35328
Dec-96	1083	1995	21611	37322
Jan-97	1053	1955	22664	39277
Feb-97	1023	1916	23687	41193
Mar-97	995	1877	24682	43070
Apr-97	967	1839	25649	44909
May-97	940	1802	26589	46712
Jun-97	914	1766	27503	48478
Jul-97	888	1731	28392	50209
Aug-97	864	1696	29255	51905
Sep-97	839	1662	30095	53567
Oct-97	816	1629	30911	55196
Nov-97	793	1596	31704	56792
Dec-97	771	1564	32475	58355
Jan-98	750	1533	33225	59888
Feb-98	729	1502	33954	61390
Mar-98	708	1472	34662	62861
Apr-98	689	1442	35351	64303
May-98	669	1413	36020	65717
Jun-98	651	1385	36671	67101
Jul-98	633	1357	37303	68458
Aug-98	615	1330	37918	69788
Sep-98	598	1303	38516	71091
Oct-98	581	1277	39097	72368
Nov-98	565	1251	39662	73619
Dec-98	549	1226	40211	74845
Jan-99	534	1202	40744	76047
Feb-99	519	1177	41263	77224
Mar-99	504	1154	41768	78378
Apr-99	490	1131	42258	79509
May-99	477	1108	42735	80616
Jun-99	463	1086	43198	81702
Jul-99	450	1064	43648	82766
Aug-99	438	1043	44086	83808
Sep-99	426	1022	44512	84830
Oct-99	426	1022	44512	84830
Nov-99	414	1001	44925	85831
Dec-99	402	981	45327	86812
Jan-00	391	961	45718	87773
Feb-00	380	942	46098	88715
Mar-00	369	923	46468	89638
Apr-00	359	905	46827	90543
May-00	349	886	47176	91429
Jun-00	339	869	47515	92298
Jul-00	330	851	47845	93149
Aug-00	321	834	48166	93983
Sep-00	312	817	48478	94800
Oct-00	312	817	48478	94800
Nov-00	303	801	48781	95601
Dec-00	295	785	49075	96386
Jan-01	286	769	49361	97155
Feb-01	278	754	49640	97909
Mar-01	271	739	49910	98647
Apr-01	263	724	50173	99371
May-01	256	709	50429	100080
Jun-01	249	695	50678	100775
Jul-01	242	681	50919	101456
Aug-01	235	667	51154	102124
Sep-01				

Production Projection

Dec-08	20	114	58637	129117
Jan-09	19	112	58657	129229
Feb-09	19	110	58676	129339
Mar-09	18	108	58694	129446
Apr-09	18	105	58712	129552
May-09	17	103	58729	129655
Jun-09	17	101	58746	129756
Jul-09	16	99	58763	129856
Aug-09	16	97	58779	129953
Sep-09	16	95	58794	130048
Oct-09	15	93	58809	130141
Nov-09	15	91	58824	130233
Dec-09	14	90	58838	130322
Jan-10	14	88	58852	130410
Feb-10	13	86	58866	130496
Mar-10	13	84	58879	130581
Apr-10	13	83	58891	130663
May-10	12	81	58904	130744
Jun-10	12	79	58916	130824
Jul-10	12	78	58927	130901
Aug-10	11	76	58939	130978
Sep-10	11	75	58950	131052
Oct-10	11	73	58961	131125
Nov-10	10	72	58971	131197
Dec-10	10	70	58981	131267
Jan-11	10	69	58991	131336
Feb-11	10	67	59001	131404
Mar-11	9	66	59010	131470
Apr-11	9	65	59019	131535
May-11	9	63	59028	131598
Jun-11	9	62	59036	131660
Jul-11	8	61	59045	131721
Aug-11	8	60	59053	131781
Sep-11	8	59	59061	131840
Oct-11	8	57	59068	131897
Nov-11	7	56	59076	131953
Dec-11	7	55	59083	132008
Jan-12	7	54	59090	132062
Feb-12	7	53	59097	132115
Mar-12	7	52	59103	132167
Apr-12	6	51	59110	132218
May-12	6	50	59116	132268
Jun-12	6	49	59122	132316
Jul-12	6	48	59128	132364
Aug-12	6	47	59134	132411
Sep-12	6	46	59139	132457
Oct-12	5	45	59145	132502
Nov-12	5	44	59150	132546
Dec-12	5	43	59155	132589
Jan-13	5	42	59160	132631
Feb-13	5	41	59165	132673
Mar-13	5	41	59170	132714
Apr-13	5	40	59175	132753
May-13	4	39	59179	132792
Jun-13	4	38	59183	132831
Jul-13	4	37	59188	132868
Aug-13	4	37	59192	132905
Sep-13	4	36	59196	132941
Oct-13	4	35	59200	132976
Nov-13	4	35	59203	133011
Dec-13	4	34	59207	133045
Jan-14	4	33	59210	133078
Feb-14	3	33	59214	133110
Mar-14	3	32	59217	133142
Apr-14	3	31	59221	133173
May-14	3	31	59224	133204
Jun-14	3	30	59227	133234
Jul-14	3	29	59230	133263
Aug-14	3	29	59233	133292
Sep-14	3	28	59236	133320
Oct-14	3	28	59238	133348
Nov-14	3	27	59241	133375
Dec-14	3	27	59244	133402
Jan-15	3	26	59246	133428
Feb-15	2	25	59249	133453
Mar-15	2	25	59251	133478
Apr-15	2	24	59253	133503
May-15	2	24	59256	133527
Jun-15	2	24	59258	133550
Jul-15	2	23	59260	133573
Aug-15	2	23	59262	133596
Sep-15	2	22	59264	133618
Oct-15	2	22	59266	133639
Nov-15	2	21	59268	133661
Dec-15	2	21	59270	133681
Jan-16	2	20	59272	133702

Production Projection

Feb-16	2	20	59273	133722
Mar-16	2	20	59275	133741
Apr-16	2	19	59277	133761
May-16	2	19	59278	133779
Jun-16	2	18	59280	133798
Jul-16	2	18	59281	133816
Aug-16	1	18	59283	133834
Sep-16	1	17	59284	133851
Oct-16	1	17	59286	133868
Nov-16	1	17	59287	133885
Dec-16	1	16	59288	133901
Jan-17	1	16	59290	133917
Feb-17	1	16	59291	133933
Mar-17	1	15	59292	133948
Apr-17	1	15	59293	133963
May-17	1	15	59295	133978
Jun-17	1	14	59296	133992
Jul-17	1	14	59297	134006
Aug-17	1	14	59298	134020
Sep-17	1	14	59299	134034
Oct-17	1	13	59300	134047
Nov-17	1	13	59301	134060
Dec-17	1	13	59302	134073
Jan-18	1	13	59303	134086
Feb-18	1	12	59304	134098
Mar-18	1	12	59304	134110
Apr-18	1	12	59305	134122
May-18	1	12	59306	134133
Jun-18	1	11	59307	134145
Jul-18	1	11	59308	134156
Aug-18	1	11	59308	134166
Sep-18	1	11	59309	134177
Oct-18	1	10	59310	134188
Nov-18	1	10	59310	134198
Dec-18	1	10	59311	134208
Jan-19	1	10	59312	134218
Feb-19	1	10	59312	134227
Mar-19	1	9	59313	134237
Apr-19	1	9	59314	134246
May-19	1	9	59314	134255
Jun-19	1	9	59315	134264
Jul-19	1	9	59315	134273
Aug-19	1	9	59316	134281
Sep-19	1	8	59316	134290
Oct-19	1	8	59317	134298