STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088
SANTA FE, NEW MEXICO
87501

ADMINISTRATIVE ORDER
NFL -66

INFILL DRILLING FINDINGS PURSUANT TO
SECTION 271.305(b) OF THE FEDERAL ENERGY REGULATORY
COMMISSION REGULATIONS, NATURAL GAS POLICY ACT OF 1978
AND OIL CONSERVATION DIVISION ORDER NO. R-6013-A

I.

Operator Depco, Inc. Well Name and No. MKL Well No. 16-R

Location: Unit J Sec. 5 Twp. 26N Rng. 7W Cty. Rio Arriba

II.

THE DIVISION FINDS:

(1) That Section 271.305(b) of the Federal Energy Regulatory Commission Regulations promulgated pursuant to the Natural Gas Policy Act of 1978 provides that, in order for an infill well to qualify as a new onshore production well under Section 103 of said Act, the Division must find that the infill well is necessary to effectively and efficiently drain a portion of the reservoir covered by the proration unit which cannot be so drained by any existing well within that unit.

(2) That by Order No. R-6013-A, dated February 8, 1980, the Division established an administrative procedure whereby the Division Director and the Division Examiners are empowered to act for the Division and find that an infill well is necessary.

(3) That the well for which a finding is sought is completed in the South Blanco Pictured Cliffs Pool, and the standard spacing unit in said pool is 160 acres.

(4) That a 160 -acre proration unit comprising the SE/4 of Sec. 5, Twp. 26N, Rng. 7W, is currently dedicated to the MKL Well No. 16-X located in Unit P of said section.

(5) That this proration unit is (X) standard ( ) nonstandard; if nonstandard, said unit was previously approved by Order No. N/A.

(6) That said proration unit is not being effectively and efficiently drained by the existing well(s) on the unit.

(7) That the drilling and completion of the well for which a finding is sought should result in the production of an additional 542,000 MCF of gas from the proration unit which would not otherwise be recovered.

(8) That all the requirements of Order No. R-6013-A have been complied with, and that the well for which a finding is sought is necessary to effectively and efficiently drain a portion of the reservoir covered by said proration unit which cannot be so drained by any existing well within the unit.

(9) That in order to permit effective and efficient drainage of said proration unit, the subject application should be approved.

IT IS THEREFORE ORDERED:

(1) That the applicant is hereby authorized to drill the well described in Section I above as an infill well on the existing proration unit described in Section II(4) above. The authorization for infill drilling granted by this order is necessary to permit the drainage of a portion of the reservoir covered by said proration unit which cannot be effectively and efficiently drained by any existing well thereon.

(2) That jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on this 15th day of December, 19 82.

DIVISION DIRECTOR ~ EXAMINER

cc: OCD-Aztec
NMO&GEL - Hobbs
U.S. mms - Farmington

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088
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87501

ADMINISTRATIVE ORDER

NFL -66

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(2) That jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on this _____ day of _____, 19_____.

DIVISION DIRECTOR ~ / EXAMINER ____

cc: OCD-Aztec
NMO&GEL - Hobbs
U.S. mms - Farmington

Received Aug. 27, 1982 - Suspence 12/15/82

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. Box 2088
SANTA FE, NEW MEXICO
87501

ADMINISTRATIVE ORDER
NFL 660

INFILL DRILLING FINDINGS PURSUANT TO
SECTION 271.305(b) OF THE FEDERAL ENERGY REGULATORY
COMMISSION REGULATIONS, NATURAL GAS POLICY ACT OF 1978
AND OIL CONSERVATION DIVISION ORDER NO. R-6013-A

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Location: Unit J Sec. 5 Twp. 26N Rng. 7W Cty. Rio Arriba

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(6) That said proration unit is not being effectively and efficiently drained by the existing well(s) on the unit.

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DONE at Santa Fe, New Mexico, on this _____ day of _____, 19_____.

cc - OCD - Aztec
NM O+GEC - Hobbs
U.S. MMS - Farmington

DIVISION DIRECTOR ___ EXAMINER ___

DEPCO, Inc.

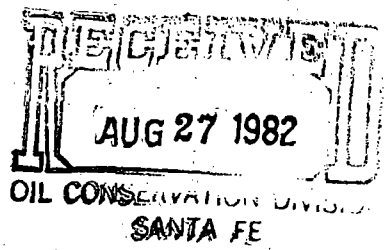
PRODUCTION & EXPLORATION

August 25, 1982

New Mexico Department of Energy and Minerals
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: NGPA Section

CERTIFIED MAIL P25 3858354
RETURN RECEIPT REQUESTED



RE: CA-1171
Application for NGPA Infill Finding
18 CFR § 271.305
NM Order No. R-6013-A
MKL No. 16R Well
1250' FSL & 1530' FEL
Section 5-T26N-R7W
Rio Arriba County, New Mexico
Lease No. SF 079 162
API No. 30-039-22917

Gentlemen:

DEPCO, Inc., as operator, has drilled the MKL No. 16R well. Said well was spudded on April 19, 1982 and completed on July 13, 1982 in the South Blanco Pictured Cliffs and Otera Chacra Formations.

The established spacing unit for both the Pictured Cliffs and Chacra Formations is the SE/4 of Section 5-T26N-R7W (160 acres). Said spacing unit is the standard spacing unit size as established by Rule 104 of the Division Rules and Regulations. This well is the second Pictured Cliffs well in the spacing unit. The MKL No. 16X well which was spudded on June 18, 1953 and completed on July 12, 1953 is the other Pictured Cliffs well in said spacing unit.

The MKL No. 16X has been experiencing production problems since 1978. In 1979 remedial work was performed to clean out and repair the casing of this well due to a suspected leak in the casing. Following this remedial work, production from the well was recommenced, but at a much lesser rate than anticipated. Due to this decline in production from the MKL No. 16X well, said well cannot effectively and effeciently drain the portion of the reservoir covered by the proration unit. DEPCO, Inc., as operator, is planning to plug and abandon said well during the last quarter of 1982.

1000 PETROLEUM BUILDING • DENVER, COLORADO 80202 • PHONE 303/292-0980

Enclosed in this Application is the following information:

MKL No. 16X (existing well within proration unit)

1. Production figures on the MKL No. 16X since January 1978 plus a graph of said production
2. Workover Report

MKL No. 16R (new well within proration unit)

3. Form 9-331C - Application for Permit to Drill, Deepen or Plug Back
4. Administrative Order NSL-1473 - Approval of Non-Standard Location
5. Form C-102 - Plat of Proration Unit (Chacra Formation)
6. Form C-102 - Plat of Proration Unit (Pictured Cliffs Formation)
7. Form C-107 - Application for Multiple Completion
8. Waiver for Dual Completion consented to by Bolin Oil Company (offset operator)
9. Form 9-331 - Sundry Notices and Reports on Wells (Fracture Treat, Shoot or Acidize, Multiple Complete)
10. Form 9-330 - Well Completion or Recompletion Report and Log
11. Form C-122 - Multipoint and One Point Back Pressure Test for Gas Well (Pictured Cliffs Formation only)
12. Computer Processed Log (Producing depth only)
13. Compensated Neutron Formation Density Log (Producing depth only)
14. Formation Structure Map of South Blanco Pictured Cliffs Formation

By this application, DEPCO, Inc. requests the MKL No. 16R be found to be necessary to effectively and efficiently drain the portion of the reservoir covered by the proration unit.

All operators of proration on spacing units offsetting the SE/4 of Section 5-T26N-R7W have been notified by certified mail of the "Application for NGPA Infill Finding".

Very truly yours,

DEPCO, Inc.

Steven M. Reed
Manager - Natural Gas Department

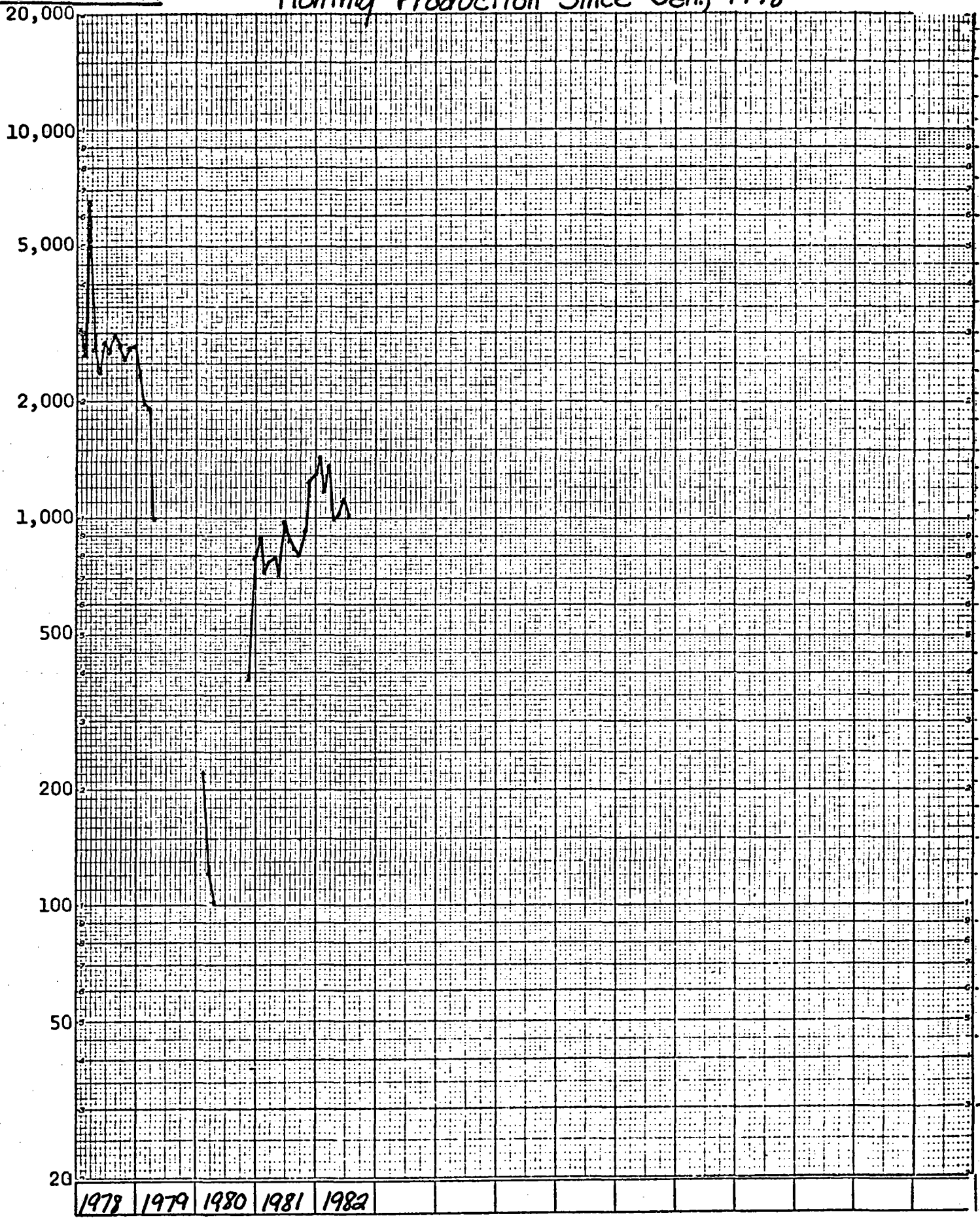
LP/SMR:jea

Enclosures

MKL #16X

MCF @ 15.025 PSIA

Monthly Production Since Jan., 1978



FIELD : So. Blanco Pictured Cliffs
OPERATOR : DEPCO, Inc.
LEASE : MKL
WELL NO. : 16X

(1)

CONTINUED BLANCO PICTURED CLIFFS,SO.(PRO GAS)

WELL S T R		JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	YR-PROD MP	ACCUM.
4D1225N 4W	GAS	1010	655	269	1106	515	116		233	117	68	854	1342	6285	262879
	OIL														202
5M 175N 4W	GAS	551	118	102	372	211	20					148	344	1866	209509
	OIL														153
6P 125N 4W	GAS	418	317	479	189	136	19				9	270	640	2426	129652
	OIL														109
7M1225N 4W	GAS	2449	1037	2356	1626	1104	240	11	448	1194	970	2130	2424	15989	602902
8P 225N 4W	GAS	1314	1217	1115	1296	952	828	720	1057	440	690	1442	979	12050	324742
9M1125N 4W	GAS	1469	1174	1075	968	861	808	617	805	393	967	803	1093	11033	186011
10L 225N 4W	GAS	2825	704	1017	608	2048	1066	1099	740	419	820	857	83	12286	164911
	OIL														908
11P1225N 4W	GAS	751	327	505	391	355	51		71	166	125	577	569	3883	43137
	OIL														40
12C1125N 4W	GAS	2911	938	1827	2605	2411	640	85	75	1343	1131	2147	982	17095	120250
13P 225N 4W	GAS	2109	1926	1605	1945	1341	763	864	1152	721	1632	2125	1931	18014	104564
14C 125N 4W	GAS	939	771	564	570	480	116	72	384	603	560	684	610	6353	27554
	OIL														154
A 15D1125N 4W	GAS	3325	2107	2615	2934	2747	1735	1724	1703	2498	1839	2673	1886	27286	105376
AXI APACHE O															
1A1225N 4W	GAS	1656	1335	1323	1350	1144	1154	770	1695	1299	1049	1488	1259	15522	462599
2P 325N 4W	GAS	1421	1180	999	1147	829	452	594	648	697	643	1164	993	10767	139838
3M 925N 4W	GAS	1957	1364	1546	613	699	969	775	996	1513	1029	1581	1765	14802	177942
4D 925N 4W	GAS	2359	1559	1964	1632	1319	336	172	731	638	708	2266	2115	19801	228171
5N 925N 4W	GAS	2078	1658	1716	1720	1464	1882	1472	1374	1619	1510	2118	2420	21232	212532
6D 425N 4W	GAS	2912	1444	1644	1375	737	464	708	1117	817	642	1624	2474	15778	230078
7M 325N 4W	GAS	2456	2282	1549	2186	1564	249	330	1098	365	1780	1326	2503	17691	183169
8A 425N 4W	GAS	3099	5005	4817	3269			265		289	4533	4390	6907	32594	328628
9P 925N 4W	GAS	974	848	930	1075	555	178	587	841	968	802	1080	1147	9915	91909
10J 325N 4W	GAS	2071	1908	1620	1760	1376	1099	1049	1356	1557	1336	1243	1687	18060	100998
	OIL														17
11L 325N 4W	GAS	877	643	492	513	554	290	314	452	670	546	884	880	7115	44173
12L 425N 4W	GAS	5710	4722	4686	5064	4595	2993	2921	3614	4667	4086	5286	5210	53552	380948
13I 425N 4W	GAS	1556	1145	1496	1379	1153	1146	1032	1196	2028	1098	1606	1573	16408	86967
14N1025N 4W	GAS	737	595	620	596	567	378	452	568	776	817	822	660	7528	40072
15I1025N 4W	GAS	810	665	672	678	701	654	480	517	756	700	749	971	8426	46357
16P1025N 4W	GAS	458	360	755	307	227	60	164	119	219	146	505	534	3354	24266
COMPANY TOTAL	OIL		1										47	48	1849
	GAS	77818	60342	65096	59830	44266	25218	21218	30489	36599	39310	65159	74327	599672	15138802
	WAT		11044	6490										17534	
CONSOLIDATED OIL AND GAS INCORPORATED					**********										
JICARILLA															
3B 826N 5W	GAS	3511	2790	2031	2464	1716	777	1893	3434	41	1996	2538		22691	889592
	OIL														86
4E 826N 5W	GAS	6471	3928	3414	1097	661	1857	3790	3593	2689	1585	4823	5567	39475	1028316
COMPANY TOTAL	OIL														86
	GAS	9982	6218	5445	3561	2377	2634	5683	7027	2730	3581	7361	5567	62166	1917908
COTTON PETROLEUM CORP					**********										
APACHE															
15K1224N 4W	GAS	682	602	735	654	683	685	778	670	640	716	600	706	8151	150167
11P 224N 4W	GAS	530	451	674	562	550	521	517	522	505	535	479	494	6340	93577
12C1324N 4W	GAS	1543	1503	1595	1400	1430	1315	1371	1393	1362	1607		1451	15970	203166
13I1324N 4W	GAS	2648	2076	2422	207	100	2519	2676	2421	2515	2491	317	2216	27608	246685
14E 324N 4W	GAS	1343	1114	1066	1502	1188	1061	1290	1212	1216	1331	1234	1362	14919	142161
15M 424N 4W	GAS	350	341	340	317	310	301	310	307	310	334	288	330	3838	37369
16D 924N 4W	GAS	326	246	278	222	276	240	249	231	227	235	255	240	3129	28214
17I1124N 4W	GAS	1594	1293	1530	1595	1323	1405	1580	1400	1355	1400	1459	1454	17388	124759
18K 224N 4W	GAS	262	236	360	254	246	347	322	303	268	80	522	328	3528	34400
19M 324N 4W	GAS	635	539	615	601	549	544	556	567	528	556	607	542	6839	45318
20B 424N 4W	GAS	995	840	1060	968	1037	924	963	958	882	918	906	980	11431	78013
21J 424N 4W	GAS	321	303	318	314	321	251	263	243	229	273	261	274	3371	31192
22L 924N 4W	GAS	285	256	289	265	273	251	257	256	241	259	254	250	3135	19192
23K1124N 4W	GAS	321	279	414	309	300	278	282	289	279	288	280	292	3611	32164
24A1424N 4W	GAS	5155	4272	1066	4847	4607	5054	4698	4359	4132	4482	4264	4511	51447	390047
25A2424N 4W	GAS							3034	2335	1990			2776	10135	10135
27I2424N 4W	GAS				2985	2894		1626	1629	1430	1328	1186	1131	14209	14209
28K2424N 4W	GAS			1090	12461	9323	8803	6194	4567	3281	3828	2826	3394	55767	55767
29C1424N 4W	GAS	1311	1070	1000	755	694	727	704	284	56	311	387	357	7746	19061
30J 324N 4W	GAS	430	1252	1235	1073	264		711	170	837	174	205	201	6552	24256
KEETON JICARILLA															
1F1224N 4W	GAS		952		866	866	822	861	706	731	824	630	862	8120	136916
COMPANY TOTAL	GAS	18731	17643	16176	32157	27234	26048	29242	24822	23014	21970	16960	24251	278248	1856764
DEPCO INCORPORATED					**********										
BURNS															
1H1526N 7W	GAS	1391	1259	1422	1338	1396	1335	1355	1281	1209	1284	1321	1484	16075	608492
JENKINS															
1C1526N 7W	GAS	1711	1520	1656	1528	1488	1384	1290	1116	1055	1180	1287	1233	16448	658246
X 2K1526N 7W	GAS	423	391	431	421	407	397	398	381	356	389	402	442	4838	196615
3I1526N 7W	GAS	599	444	623	516	492	503	512	502	475	483	559	527	6385	400885
4N1026N 7W	GAS	1257	1132	1229	1224	1192	1135	1151	1119	1178	1212	1263	1205	14797	611852
MKL															
2L 526N 7W	GAS	1242	1184	1268	1016	1249	1306	1069	885	1050	1280	1226	1234	14009	970192
3P 626N 7W	GAS	2123	1922	2181	2016	1926	2103	2035	1550	1173	1855	2579	2223	23686	779437
4B 626N 7W	GAS	2880	2689	2886	2771	2570	3107	3085	2492	2320	2766	2782	3137	33485	1333320
6D 626N 7W	GAS	2257	2096	2107	2104	2011	1855	1870	1459	1082	1637	1890	1945	22313	3439261
7N 826N 7W	GAS	4036	3744	3863	3566	3355	3441	3150	2919	2367	3140	3345	3444	40370	1129838
8I 726N 7W	GAS	4056	3805	4091	3040	3266	3175	3458	2305	1834	2741	4627	4049	40447	1364707
9L 626N 7W	GAS	1816	1445	1748	1500	1405	1626	1935	1453	830	1230	1876	1756	16620	3251995
10D 726N 7W	GAS	1557	1401	1526	1478	1460	1456	1449	1250	988	1367	1580	1559	17071	438198
11M 726N 7W	GAS	2139	1850	2245	554	1425	1510	1563	1158	897	1197	1756	1536	17830	577770
12L 826N 7W	GAS	2039	1688	1977	1773	1805	1700	1784	1254	663	663	1646	1762	18754	2418140
13A 726N 7W	GAS	2665	2093	2380	2057	1915	1841	978	209	932	1412	1987	1998	20467	1978043
14E 526N 7W	GAS	1443	1243	1374	1276	1201	1105	1048	948	1376	1301	1293	1189	14797	802121
15A 526N 7W	GAS	LAST PROD. DATE 07/75												S	236012
X 16P 526N 7W	GAS	897	726		795	706	976	879	837	809	931	1240	1270	10830	974936
19B 826N 7W	GAS	5906	5246	5753	5491	5116	4767	4523	3755	3902	5829	6447	5966	62753	1792449
COMPANY TOTAL	GAS	40427	35978	39535	34524	34383	34722	33532	26873	24547	31891	39106	37959	413475	23964299
DIME PETROLEUM CORP					**********										
DOUTHIT BROWNING															
1J 623N 1W	GAS	270	297	177	99	160	73	72	178	168	145	55	350	2044	304474
J 1N 623N 1W	GAS	969	962	647	450	661	346	299	555	610	536	281	1148	7464	62480
ELLIOTT FEDERAL															
1K 623N 1W	GAS	LAST PROD. DATE 12/77												S	53148
A 1N 623N 1W	GAS	366	317	341	318	343	316	346	340	327	325	297	305	3941	38074
HALL															
1E3325N 3W	GAS	420	378	451	404	414	391	408	400	381	422	364	385	4818	235629
2P2825N 3W	GAS	521	513	486	371	531	399	406	527	507	481	308	642	5692	350182
3E2825N 3W	GAS	240	268	233	165	179	114	178	28	159	247	153	294	2258	210485
4P2125N 3W	GAS	714	901	871	709	804	693	745	846	839	827	685	1030	9660	267588
5E2125N 3W	GAS	663	595	540	437	627	505	633	549	587	587	398	618	6734	273636
HANSON FEDERAL															
1E 623N 1W	GAS	LAST PROD. DATE 05/75												S	309934
2H 623N 1W	GAS	1063	934	964	752	722	864	954	896	1029	672	434	937	10221	588576
PEGGY FEDERAL															
1A 823N 1W	GAS	42	69	64	44	52	44	50	40	95	47	146	43	736	133509
A 1R 823N 1W	GAS	193	211	223	146	200	153	189	154	166	200	161	183	2139	17173
REGINA															
1D1723N 1W	GAS	869	741	858	670	669	845	829	607	638	580	676	672	8654	113854
2E 923N 1W	GAS	932	926	803	744	842	602	785	770	802	748	412	953	9319	129967
6B3424N 1W	GAS	648	579	520	459	733	434	519	514	488	438	484	402	6218	45529
J 6G3424N 1W	GAS	LAST PROD. PRIOR TO 6/73												U	64029
7K3424N 1W	GAS	68	75	60	30	480	34	111	42	78	59	87	97	1221	7276
8D3524N 1W	GAS	792	701	796	709	63	735	740	732	716	684	706	697	8031	85867
COMPANY TOTAL	GAS	8730	8467	8034	6502	7480	6548	7264	7178	7586	6998	5647	8716	89150	3641610
DUGAN PRODUCTION CORPORATION					**********										
ALHAGRE															
1M2724N 1W	GAS	PLUGGING APPROVED 1979													690459
R 1N2724N 1W	GAS	2775	1499	3596	2444	903	2429	2096	1874	1722	2157	1721	1951	25567	37601
	WAT	7	7	8	8	2	8	11	8	8	8	5	8	88	
ANDERSON B															
1M3125N 3W	GAS	497	456	502	490	511	466	515	491	477	515	453	603	5974	264210
	WAT	31	28	31	30	31	30	31	31	30	31	30	31	365	
J R ANDERSON															
1J3325N 3W	GAS	556	491	549	539	542	512	505	498	488	509	539	666	6394	333049
	WAT	16	14	16	15	16	15	16	16	15	16	15	16	186	
2A2625N 3W	GAS	310	229	547	334	401	268	236	312	214	183	120	274	3428	132395
	WAT	15	14	15	15	16	12	16	16	15	15	15	16	180	
FARMING D CON															
1A 227N 9W	GAS	LAST PROD. DATE 04/79												S	338812
JICAPILLA															
1A 324N 4W	GAS	349	188	370	347	320	275	199	238	184	257	171	230	3128	170585
	WAT	9	8	9	8	9	7	8	8	7	7	7	8	95	
L AND M STATE															
1G1625N 6W	GAS	PLUGGING APPROVED 1975													48958
MEXICO FEDERAL H															
1D3425N 3W	GAS	388	350	379	377	392	363	404	361	379	391	341	457	4582	158094

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1980

WELL	S	T	R		JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	YR-PROD	MP	ACCUM.
STATE C COM																			
235B1626N	6W			GAS	LAST PROD. DATE 10/79													U	832673
R235A1626N	6W			GAS	2467	4580	3117	2575	2976	1212	410	2195	1029	2090	3920	2459	29030		50206
COMPANY TOTAL				OIL															3062
				GAS	260680	278623	230064	220567	204751	96234	50463	86077	119829	170842	297940	217392	2233462		62738313
JACK A COLE																			
BURRO CANYON																			
1D1624N	4W			GAS	272	340	336	287	251	355	304	275	260	305	255	238	3478		32622
2M2124N	4W			GAS	269	317	359	279	336	331	291	274	291	281	208	235	3471		33447
COMPANY TOTAL				GAS	541	657	695	566	587	686	595	549	551	586	463	473	6949		66069
CONOCO, INC.																			
AXI APACHE J																			
1D 525N	5W			GAS	3001	2432	1625	1296	919	288		624	60	561	2550	2417	15773		1467164
2P 525N	5W			GAS	1702	1708	1302	1441	947	424	40	664	111	670	2028	1829	12946		919822
3E 625N	5W			GAS	1063	877	1160	984	770	223		718	205	707	1233	854	8794		396665
5D 725N	5W			GAS	529	551	434	325	113	70	3	107	5	93	737	545	3512		192017
6P 725N	5W			GAS	811	548	869	696	722	169	1	534	142	721	1344	838	7395		261043
7D 825N	5W			GAS	857	762	718	638	708	172	51	351	200	357	790	559	6163		229992
8P 825N	5W			GAS	417	438	293	266	314	127	36	251	114	240	557	340	3393		122689
9D 625N	5W			GAS	45	57	57	18	14	11	9	42	2	41	60	15	371		62061
10A 525N	5W			GAS	1161	978	1014	932	792	486	302	983	562	803	1309	1045	10367		509871
11A 625N	5W			GAS	971	811	712	726	539	271	9	392	164	288	941	697	6321		210919
12K 525N	5W			GAS	810	958	980	909	919	357	57	725	354	606	946	731	8352		150171
27G 825N	5W			GAS	973	995	823	717	582	150	152	537	255	122	1654	1308	8268		53692
28N 725N	5W			GAS	4793	4735	3308	3417	3411	2103	670	3058	1538	2709	4888	3498	38128		129592
29A 725N	5W			GAS	731	860	825	815	612	176	154	783	65	624	799	538	6982		30339
AXI APACHE K																			
2B 426N	5W			GAS	ZONE ABANDONED														159547
3A 926N	5W			GAS	954	1032	896	945	792	478	79	751	475	669	1080	1016	9167		342632
4M 326N	5W			GAS	400	412	406	417	351	371	211	494	351	368	477	358	4616		119321
				OIL	2									9	3	213	227	T	298
5H1026N	5W			GAS	LAST PROD. DATE 06/76														197217
				OIL															124
AXI APACHE L																			
1M3625N	4W			GAS	1124	979	879	1037	1025	726	74	1079	649	804	1056	1355	10787		576400
2A3625N	4W			GAS	761	660	447	199	746	650	130	718	367	507	779	1807	7771		310843
3M3525N	4W			GAS	686	790	149	674	492	299	20		15	588	605	878	5196		378428
4M2625N	4W			GAS	1345	1081	698	1322	763	1135	338	1028	391	1044	1605	1441	12191		1010934
5A2625N	4W			GAS	857	426	646	526	619	456		454	211	391	984	971	6541		234057
6A2525N	4W			GAS	295	159	63	78	194	67		62	7	146	598	271	1940		83661
AXI APACHE M																			
1M2325N	4W			GAS	810	543	689	528	615	434	114	533	139	349	1132	888	6774		228923
3A1325N	4W			GAS	615	253	1188	440	766	312		492	145	480	1441	1804	7936		372884
4I2425N	4W			GAS	761	234	304	375	528	331		235		231	877	872	4748		253193
5A1425N	4W			GAS	980	830	802	1029	903	756	437	989	617	707	1651	1059	10760		113594
AXI APACHE N																			
1A1125N	4W			GAS	2292	1937	1591	1261	1115	414							8610		954400
				OIL															7
3A1225N	4W			GAS	1610	1193	1088	1070	814			695	95	395	2611	1956	11527		390061
4D1225N	4W			GAS	701	1092	544	522	739	240		113		580	1719	1059	7309		256594
				OIL		198										1	199		202
5M 125N	4W			GAS	534	598	483	480	318	116		9		93	690	564	3685		207639
				OIL										153			153		153
6P 125N	4W			GAS	459	471	338	397	208						48	282	2203		127226
				OIL											109		109		109
7M1225N	4W			GAS	2088	2544	1901	1710	1593	527	27	431	587	1804	3096	2785	19093		586913
8P 225N	4W			GAS	1487	1458	1567	1421	1282	347	350	1156	779	872	1347	1165	13231		312692
9D1125N	4W			GAS	1549	1578	1335	1554	1205	996	781	1256	919	1023	1776	1219	15191		174978
10L 225N	4W			GAS	2911	1980	536	2153	1576	1355	2314	355	273			2016	15469		152625
				OIL															908
11P1225N	4W			GAS	388	128	465	512	552	380		394	202	253	816	875	4965		39254
				OIL															40
12C1125N	4W			GAS	3448	4955	3012	2734	2507			1446	1364	1701	3266	4128	28561		103155
13G 225N	4W			GAS	2350	1863	2089	1897	1822	116	901	1774	1110	1774	2210	1812	19718		86550
14C 125N	4W			GAS	885	221	538	563	860	387		419	722	731	910	843	7079		21201
				OIL	154												154		154
A 15O1125N	4W			GAS	6184	5423	4247	4988	4253	2627	2992	4140	3063	3529	4616	3703	49665		78090
AXI APACHE O																			
1A1025N	4W			GAS	1783	2241	1705	1102	1350	935	365	1304	1035	1121	1460	1565	15966		447077
2D 325N	4W			GAS	1400	1130	1130	1042	1216	181	465	1085	775	1148	1806	1367	12743		129071
3M 925N	4W			GAS	1923	934	539	1755	1537	1394	1015	1300	1063	1548	2040	1515	16603		181140
4D 925N	4W			GAS	2259	1853	2175	2681	2246	1671	1132	2147	759	1713	2683	2500	23819		212370
5B 925N	4W			GAS	2830	2574	2128	2215	2093	1489	851	2150	1620	1646	2636	2150	24382		191300
6D 425N	4W			GAS	2553	2428	1320	2156	1837	1136	722	1719	1510	1584	2398	2226	21589		214300
7H 325N	4W			GAS	2764	2704	2215	2045	1542	210	1411	1175	1295	1747	2529	2456	22093		165478
8A 425N	4W			GAS	4816	4959	3421	3703	3381	2188	2576	3589	1738	3340	4422		38133		296034
9P 925N	4W			GAS	1294	1211	956	1287	1099	711	718	1151	791	1073	1055	897	12243		82075
10J 325N	4W			GAS	2114	2162	1379	2245	1825	687	1239	1875	1344	1538	1925	1969	20302		82936
				OIL															17
11L 325N	4W			GAS	1100	986	543	829	672	405	276	857	411	1007	1082	854	9022		37058
12L 425N	4W			GAS	7352	7112	5502	5904	5486	3748	2539	5357	4293	5425	6593	5796	65107		327396
13I 425N	4W			GAS	2164	2000	1331	1882	1559	1339	1085	1786	1164	1459	1563	1514	18846		70559
14N1025N	4W			GAS	877	891	599	706	701	469	403	850	492	659	894	764	8305		32544
15I1025N	4W			GAS	1075	1067	655	753	720	530	408	933	483	731	896	773	9024		37931
16D1025N	4W			GAS	568	26	1538	1512	769	426	189	578	349	488	527	523	7493		20912
COMPANY TOTAL				OIL	156	198								162	112	214	842		2012
				GAS	91290	83868	68157	73429	66031	36066	25646	56648	35380	53808	89735	77010	757068		14539130
CONSOLIDATED OIL AND GAS INCORPORATED																			
JICARILLA																			
3B 826N	5W			GAS	3336	2425	1855	2776	3110	2639	2506	2132	1972	3536	3556	2287	32130		866901
				OIL															86
4E 826N	5W			GAS	7175	4723	5441	3621	4031	4226	451		2061		159	8353	40241		988841
COMPANY TOTAL				OIL															86
				GAS	10511	7148	7296	6397	7141	6865	2957	2132	4033	3536	3715	10640	72371		1855742
COTTON PETROLEUM CORP																			
APACHE																			
10K1224N	4W			GAS	736	694	746	696	723	708	733	722	695	743	657	682	8535		142016
11P 224N	4W			GAS	574	521	643	649	598	478	604	578	562	558	606	550	7021		87237
12I1324N	4W			GAS	1513	1466	1453	1478	1600	1551	1524	1402	1380	1307	1260	1416	17240		187196
13I1324N	4W			GAS	2291	2179	2261	2266	1790	1430	1313	2144	323	2526	2154	2334	23011		224077
14E 324N	4W			GAS	1381	1036	1501	1031	1009	924	1065	1195	1158	1144	1227	1234	13905		127242
15M 424N	4W			GAS	368	295	374	268	141	414	368	323	317	319	276	380	3843		33531
16O 924N	4W			GAS	325	315	376	316	275	180	139	449	338	321	253	241	3528		25071
17I1124N	4W			GAS	1234	1378	1268	1640	1329	1531	1762	1326	1380	1398	1464	1433	17143		107367
18K 224N	4W			GAS	395	322	337	470	391	332	334	366	323	323	328	299	4220		30827
19N 424N	4W			GAS	755	708	1169	723	698	649	657	630	691	600	558	610	8358		38479
20B 424N	4W			GAS	1175	1046	680	1136	972	1097	1169	1067	1015	1050	1020	1060	12487		66582
21J 424N	4W			GAS	493	378	380	526	509	546	403	343	337	308	302	326	4851		27821
22L 924N	4W			GAS	370	363	363	286	499	440	349	312	296	323	279	290	4170		16057
23K1124N	4W			GAS	856	433	267	396	414	361	345	312	358	336	335	352	4765		28553
24A1424N	4W			GAS	6766	4594	6268	5951	4848	5653	5432	5447	5260	4927	3857	5690	64693		278600
29C1424N	4W			GAS							2065	255	3849	1837	1927	1482	11315		11315
30J 324N	4W			GAS					2064	1826	1123	312	359	7099	2755	2166	17704		17704
KEETON JICARILLA																			
1E1224N	4W			GAS	856	693	813	960	812	773	865	827		730			7329		128796
COMPANY TOTAL				GAS	20088	16421	18899	18792	18472	18993	20250	18010	18551	25939	19158	20545	234118		1578516
DEPCO INCORPORATED																			
BURNS																			
1H1526N	7W			GAS	1450	1339	1441	1399	1380	1030	1099	1143	1276	1338	1399	1442	15736		592417
JENKINS																			
1C1526N	7W			GAS	1552	1383	1766	1654	1658	1118	1408	1329	1601	1627	1655	1758	18509		641798
X 2K1526N	7W			GAS	434	430	448	436	440	411	384	370	383	399	408	413	4956		189777
3I1526N	7W			GAS	712	658	661	646	578	582	518	526	530	473	506	604	6994		394500
4N1026N	7W			GAS	1285	1280	1387	1206	1265	797	1125	1418	1130	1238	1211	1312	14654		597555
RKL																			
2L 526N	7W			GAS	1392	1258	1417	1282	1195	952	977	1231	1017	1035	1287	1316	14359		956183
3P 626N	7W			GAS	2285	2210	2380	2299	2289	1529	996	1009	858	1504	1983	2180	21522		755751
4B 626N	7W			GAS	3011	2766	3379	3000	2616	2022	2031	2314	2376	2581	2931	2959	31986		1299835
6D 626N	7W			GAS	2344	1984	2252	2093	1908	1189	870	913	1172	1579	2317	2371	21001		3416948
7D 726N	7W			GAS	3367	3142	3652	3140	3185	2162	2005	2228	2737	3140	3723	3757	36238		1089468
8I 726N	7W			GAS	2715	3931	4588	2949	2273	1663	1170	1567	1793	2647	3906	4291	33493		1324260
9L 626N	7W			GAS	1396	1374	1488	1315	1383	1056	644	338	512	962	1822	1699	13989		3237165
10D 726N	7W			GAS	1454	1377	1533	1333	1366	1022	748	817	1006	1235	1614	1642	15147		421127
11N 726N	7W			GAS	2135	1935	2041	1974	1981	1792	1583	1233	1872	2141	2179	2144	23050		549940
12L 826N	7W			GAS	1259	1228	1380	1224	1084	855	539	619	681	1087	1671	1942	13569		2399386
13A 726N	7W			GAS	1259	1149	2082	1444	1193	970	455	627	843	1365	2273	2435	16095		1957576
14E 526N	7W			GAS	1120	1369	1349	1389	1324	1185	1277	1239	1397	1376	1374	1413	15812	S	787324
15A 526N	7W			GAS	LAST PROD. DATE 07/75														236012
X 16P 526N	7W			GAS	220	121	103								384	796	1624		964106
19B 826N	7W			GAS	5219	4647	4943	4848	4561	3868	3120	2924	2889	5041	6363	6337	54760		1729696
COMPANY TOTAL				GAS	34389	33680	38358	33734	31678	24203	20949	21845	24073	30768	39006	40811	373494		23550824
DUGAN PRODUCTION CORPORATION																			
ALMAGRE																			
1N2724N	1W			GAS	PLUGGING APPROVED 1979														690453

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WELL	S	T	R		JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	YR-PROD MP	ACCUM.
29A	32	25N	5W	GAS	1389	1134	948	746	731		860	833	818	841	915	976	10191	23357
AXI APACHE K																		
2B	4	26N	5W	GAS	LAST PROD. DATE 12/76												T	159547
3A	9	26N	5W	GAS	1276	1188	1075	1195	1147	1084	894	828	1025	901	1029	966	12608	133469
4M	22	26N	5W	GAS	392	380	330	375	501	473	415	415	448	420	449	365	4963	114705
				OIL								25	17	26		3	71	71
5H	1	26N	5W	GAS	LAST PROD. DATE 06/76												T	197217
				OIL														124
AXI APACHE L																		
1M	36	25N	4W	GAS	1787	991	836	1109	1374	1129	824	898	987	866	1051	1141	12993	565613
2A	36	25N	4W	GAS	1038	1359	486	694	745	633	563	593	600	417	594	834	8352	303072
3M	35	25N	4W	GAS		326	478						48			948	1400	37232
4M	26	25N	4W	GAS	1041	1285	1258	239	1003	886	893	577	746	606	949	1002	10525	418643
5A	26	25N	4W	GAS	643	816	671	745	817	786	588	509	638	530	783	1019	8745	227516
6A	25	25N	4W	GAS	200	180	144	84	25	99	95	31	159	94	252	300	1663	81721
AXI APACHE M																		
1M	23	25N	4W	GAS	1275	1183	845	566	492	541	351	325	526	493	289	1006	7892	222149
3A	13	25N	4W	GAS	932	565	937	843	654	691	633	554	600	500	531	847	8287	364948
4I	24	25N	4W	GAS	1037	610	458	301	686	582	223	115	587	440	671	519	5919	248045
5A	14	25N	4W	GAS	1374	1158	1393	1319	1016	1119	1108	904	901	656	890	1163	13001	102834
AXI APACHE N																		
1A	11	25N	4W	GAS	1874	2638	2663	2629	1997	1429	925	1095	1371	1078	2152	2118	21969	54579
				OIL												7	7	7
3A	11	25N	4W	GAS	1811	1859	1557	1411	1083	1130	925	826	1511	832	1782	1672	16399	378534
4D	12	25N	4W	GAS	1100	335	916	964	751	447	399	86	814	552	1101	969	8434	249285
				OIL											3		3	3
5M	12	5N	4W	GAS	619	432	883	372	313	166	43	92	140	92	521	530	4203	203954
6P	12	5N	4W	GAS	679		948	616	433	316	249	238	599	233	593	482	5346	125023
7M	12	5N	4W	GAS	4855	3417	2940	2116	2358	2378	2013	1857	2253	1338	2408	2492	30425	567820
8P	12	5N	4W	GAS	1981	1763	1572	1413	1216	1478	1083	1241	1515	1309	1506	1597	17674	299461
9C	11	5N	4W	GAS	1934	1573	1424	1679	1310	1396	1438	1278	1302	1110	282	2381	17107	159787
10L	12	5N	4W	GAS	4266	3305	2406	3384	2683	1403	69	2570	3332	1528		838	25784	137156
				OIL	25	36	43	61	22	34	60	50					331	908
				WAT	25	36	43	61	22	34	60	50					331	
11P	12	5N	4W	GAS	1036	1066	712	470	461	776	330	309	571	450	653	713	7747	34289
				OIL														40
12C	11	5N	4W	GAS	4584	3490	2526	1408	1741	1910	1334	741	2045	829	1337	1852	23797	74594
13G	12	5N	4W	GAS	2477	2478	1818	1144	1966	3166	2369	2185	2341	2124	1895	2502	26465	66832
14C	12	5N	4W	GAS	1035	905	1331	558	1021	932	816	869	731	574	710	567	10049	14122
A 15	01	25N	4W	GAS										12417	8672	7336	28425	28425
AXI APACHE O																		
1A	1	25N	4W	GAS	1766	1369	1442	1211	1395	1199	1287	1317	1192	1225	1234	1463	16100	431111
2D	2	25N	4W	GAS	1701	1398	1817	1361	1430	1333	1215	1178	1558	1263	1424	1282	17260	116328
3M	2	25N	4W	GAS	2453	2394	1680	1963	1978	2148	1843	1740	1630	1849	1627	1583	22888	146537
4D	2	25N	4W	GAS	2521	2635	2342	2748	2492	2538	2539	2248	2670	2070	1559	2610	29372	188551
5B	2	25N	4W	GAS	2775	2678	2092	2590	2303	2395	1935	2225	2348	2223	1754	1870	27188	166918
6D	4	25N	4W	GAS	2529	2750	2237	2252	2062	2071	2144	2125	2116	1884	3815	3012	29397	192711
7H	3	25N	4W	GAS	3619	2733	1456	3296	2575	2607	2394	2247	2719	2330	2216	2709	30901	143385
8A	4	25N	4W	GAS	3144	6576	286	5597	2593	3509	3202	3081	2378	3430	2517	3985	40898	257901
9P	3	25N	4W	GAS	1081	1313	1552	1691	1366	1559	1166	1461	1503	1225	1166	1365	16508	69832
10J	3	25N	4W	GAS	2402	2645	1671	1653	2340	2160	2110	2087	1760	2260	1888	2057	25033	62694
				OIL								17					17	
11L	3	25N	4W	GAS	1507	1402	952	1089	1101	1061	939	839	935	796	761	965	12347	28036
12L	4	25N	4W	GAS	6461	8015	6781	6274	7612	6753	6387	6072	6622	6080	5685	8079	82821	262289
13I	4	25N	4W	GAS	2334	2091	472	2449	1878	1778	1120	1553	1555	1497	1257	1804	19788	51713
14N	1	26N	4W	GAS	1012	830	773	746	1036	979	954	900	1080	938	982	859	11089	24239
15I	1	26N	4W	GAS	1037	914	776	906	971	1156	988	961	1245	1176	1137	10 4	12321	28907
16D	1	26N	4W	GAS	1044	1024	611	791	645	651	355	192	549	280	107	569	6818	13419
COMPANY TOTAL				OIL	25	36	43	61	22	34	60	92	17	26	3	10	429	1170
				GAS	114840	95981	73663	81208	72537	73689	61580	60975	72274	72849	72553	92253	944400	13782062
				WAT	25	36	43	61	22	34	60	50					331	

CONSOLIDATED OIL AND GAS INCORPORATED

JICARILLA																		
3B	26	26N	5W	GAS	2919	5027	4940	2950	2197		3481	2542	3114	3819	4467	3399	38855	834771
				OIL														86
4E	26	26N	5W	GAS	4528	6184	3236	4335	2988	1395	1038		2942	7097		8698	42441	94860
				OIL														86
COMPANY TOTAL				GAS	7447	11211	8176	7285	5185	1395	4519	2542	6056	10916	4467	12097	81296	1783371

COTTON PETROLEUM CORP

APACHE																		
10K	12	24N	4W	GAS	819	744	777	781	878	728	736	779	764	694	728	757	9185	133481
11P	12	24N	4W	GAS	657	664	470	620	626	620	641	636	625	646	587	593	7630	80216
12C	1	24N	4W	GAS	1415	1250	1565	1637	1555	1446	1689	1521	1499	1418	1726	1594	18365	169956
13I	1	24N	4W	GAS	2259	2666	2624	2286	2257	2139	2298	2387	2285	425	1814	3211	26651	201066
14E	2	24N	4W	GAS	1283	1729	1825	1426	1534	1560	1254	1220	1462	1214	1305	1283	17095	113337
15M	4	24N	4W	GAS	449	437	446	426	397	375	374	368	365	367	341	366	4711	25688
16D	5	24N	4W	GAS	327	272	333	308	310	288	285	284	264	258	295	330	3554	21543
17I	1	24N	4W	GAS	1868	1824	1637	1699	1559	1455	1862	1935	1499	1418	1368	1362	19486	90224
18K	2	24N	4W	GAS	754	665	609	596	519	466	536		436	425	434	433	5873	26652
19M	3	24N	4W	GAS	1186	1197	450	617	807	1564	863	744	915	473	808	779	10419	30121
20N	3	24N	4W	GAS	1713	1771	1732	1459	1175	952	1430	1352	1226	1390	1268	1244	16714	54095
21J	4	24N	4W	GAS	861	670	740	876	564	713	784	523	569	504	438	341	7583	22970
22L	5	24N	4W	GAS	536	466	571	525	492	464	505	429	380	384	433	493	5678	11887
23K	12	24N	4W	GAS	770	651	623	615	470	565	548	590	443	456	478	464	6673	23788
24A	14	24N	4W	GAS	9303	6731	7008	8204	8348	7604	6783	7122	5575	7044	7123	7114	87959	213907
KEETCH JICARILLA																		
1E	12	24N	4W	GAS			854	806	979	868	771						4278U	121467
COMPANY TOTAL				GAS	24195	21699	22544	22936	22470	21807	21359	19890	18307	17116	19146	20364	251833	1344398

CEPCO INCORPORATED

BURNS																		
1H	1	26N	7W	GAS	1487	1303	1504	1401	1451	1378	1333	1256	1245	1421	1439	1453	16671	576681
JENKINS																		
1C	1	26N	7W	GAS	1617	1398	1826	1702	1805	1691	1509	1704	1782	1765	1648	1598	20045	623289
X 2K	1	26N	7W	GAS	440	394	473	460	453	434	431	434	431	415	439	434	5238	184021
3I	1	26N	7W	GAS	819	737	788	706	674	667	676	722	694	660	669	720	8532	387506
4N	10	26N	7W	GAS	1273	1109	1312	1238	1338	1289	1297	1270	1225	1298	1323	1334	15306	582901
PKL																		
2L	1	26N	7W	GAS	1337	1241	1420	1304	1404	1361	1274	1390	1338	1418	1340	1310	16137	941824
3P	6	26N	7W	GAS	2353	1980	2279	2071	2095	2088	1925	1734	1945	NONE	2195	2227	24989	734229
4B	6	26N	7W	GAS	2940	3033	3394	2577	3024	792	2343	3118	2906	3290	3241	3251	33909	1267849
6D	6	26N	7W	GAS	2539	2188	2203	2028	2225	2101	2016	2092	2080	2232	2148	2103	25955	3395947
7G	6	26N	7W	GAS	3523	3331	3394	3242	1977			3267	3457	3984	3611	3405	33951	1053120
8I	7	26N	7W	GAS	4049	2745	2810	3488	3409	3549	3117	3592	3467	4283	4424	4582	43496	1290767
9L	7	26N	7W	GAS	1927	1747	1956	1284	1879	1753	1480	1651	1585	1873	1872	1825	20832	3223176
10D	7	26N	7W	GAS	1506	1322	1394	1383	1435	1430	1350	1326	1440	1467	1427	1453	16933	405980
11M	7	26N	7W	GAS	2205	1947	2099	2011	2052	2076	2077	2096	2148	2189	2140	2149	25189	536890
12L	8	26N	7W	GAS	1936	1870	1316	993	1504	1780	1468	1552	1463	1868	1713	1676	19139	2385817
13A	7	26N	7W	GAS	2072	1928	1722	1473	1977	2292	1797	1907	1863	2145	1961	1856	22993	1941481
14E	8	26N	7W	GAS	1477	1173	1222	1206	1700	1455	1340	1224	1180	1190	1148	1152	15467	771512
15A	8	26N	7W	GAS	LAST PROD. DATE 07/75												S	236012
X 16P	8	26N	7W	GAS	2345	1979	1904	998									7226	962482
198	8	26N	7W	GAS	6015	5305	5760	5301	3038			4231	4892	5174	5212	5219	50147	1674936
COMPANY TOTAL				GAS	41860	36730	38776	34867	33440	26136	25433	34566	35121	38769	37950	37947	421595	23177330

CUGAN PRODUCTION CORPORATION

ALPAGRE																		
1H	2	24N	1W	GAS	LAST PROD. PRIOR TO 6/73												U	690453
ANDERSON B																		
1M	33	25N	3W	GAS	506	478	520	480	541	512	531	530	527	529	489	500	6143	252468
				WAT	31	28	31	30	31	30	31	31	30	31	30	31	365	
J R ANCERSON																		
1J	33	25N	3W	GAS	638	558	616	578	629	609	633	613	616	613	579	575	7257	320138
				WAT	15	14	15	15	15	15	15	15	15	15	15	16	180	
2A	26	25N	3W	GAS	422	297	268	409	476	405	317	387	437	362	477	446	4703	124295
				WAT	15	14	15	15	15	15	15	15	15	15	15	16	180	
FARMING C COM																		
1M	22	7N	9W	GAS	304	208	20	29									561	338812
JICARILLA																		
1A	32	4N	4W	GAS	107	247	281	281	388	169	173	181	322	380	439	336	3304	164418
				WAT	8	8	5	7	8	8	8	8	8	8	8	8	92	
L AND P STATE																		
1G	16	25N	6W	GAS													X	48958
PEXICO FEDERAL M																		
1D	34	25N	3W	GAS	428	450	476	434	443	425	426	437	420	432	415	420	5206	148766
COMPANY TOTAL				GAS	2405	2238	2181	2211	2477	2120	2080	2148	2322	2316	2399	2277	27174	2088308
				WAT	69	64	66	67	69	68	69	69	68	69	68	71	817	

CYNA RAY OIL AND GAS CO.,INC.

ABRAHAM FECERAL																		
7L	2	24N	1W	GAS	PLUGGING APPROVED 1970													113652
BILL ABRAHAM																		
1M	24	24N	2W	GAS	PLUGGING APPROVED 1970													201604
JICARILLA B 1																		
2J	2	23N	2W	GAS	PLUGGING APPROVED 1970													378
JICARILLA E 1																		
3M	12	23N	2W	GAS	PLUGGING APPROVED 1970													22820

(1)

CONTINUED PLANCO PICTURED CLIFFS,SO.(PRC GAS)

WELL	S	T	R		JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	YR-PROD WP	ACCUM.
3A	926N	5W		GAS	1007	591	672	871	956	1031	866	980	842	1008	867	848	11139	322857
4M	926N	5W		GAS	363	413	366	439	452	466	636	577	476	483	517	436	5615	109742
5M	1026N	5W		GAS	LAST PRCD. DATE 08/76												T	107217
				OIL														124
AXI APACHE L																		
1M	3625N	4W		GAS	511	943	982	1045	1119	1187	973	1189	850	1054	1443	868	12164	552620
2A	3625N	4W		GAS	106	788	847	229	666	679	509	792	651	679	842	521	7309	294720
3M	3525N	4W		GAS	315	43						38	115				511	371832
4M	2625N	4W		GAS	485	154		266	668	2523	272	317	1038	528	2367	1975	10593	408118
5A	2625N	4W		GAS	350	146	582	479	604	551	316	591	455	499	696	662	6521	218771
6A	2525N	4W		GAS	22	242	141	31	33	22		28	119	132	331	286	1187	80058
AXI APACHE M																		
1M	2325N	4W		GAS	180	290	525	274	158	144	10	171	201	233	218	481	2885	214257
3A	1325N	4W		GAS	16	490	570	240	207	172	59	476	544	519	718	482	4493	356661
4I	2425N	4W		GAS	178	658	359	151	230				99	36	201	767	2719	242526
5A	1425N	4W		GAS	1656	1601	1347	1749	1704	1542	1385	1709	1394	1712	1936	1397	19132	89833
AXI APACHE N																		
1A	1125N	4W		GAS	430	2252	1494	860	347	213	110	122	700	122	1766	852	9268	923921
3A	1225N	4W		GAS	101	1495	1149	786	604	573	249	804	1071	915	2036	2051	11918	362138
4D	1225N	4W		GAS	57	971	492	556	458	338	34	94	311	56	1319	1165	5851	240851
5M	125N	4W		GAS		13	2	46	75						219	417	772	199741
6P	125N	4W		GAS	159	535	413	302	293	265				5		808	2780	119677
7M	1225N	4W		GAS	237	3571	1705	1178	1661	960	480	141	2203	2650	2040	2804	19630	537395
8P	225N	4W		GAS	739	1380	1760	1192	768	1266	851	1145	1208	1211	1766	1705	14991	281787
9D	1125N	4W		GAS	1288	1594	1248	1436	1177	1339	1259	1388	1257	1088	1783	1547	16404	142680
10L	225N	4W		GAS	2577	1851	856	1634	2063	350	2290	2706	2176	2634	2380	4263	25785	111372
				OIL	22	21	35	46	26	18	45	27	45	42	33	23	383	577
				WAT	66	21	35	46	26	18	45	27	45	42	33	23	427	
11P	1225N	4W		GAS	596	996	986	782	574	398	170	911	764	1038	1173	876	9262	26942
				OIL														40
12C	1125N	4W		GAS	5648	5723	5878	5324	3918	5236	1739	427	1081	406	2893	3849	42122	50797
13G	225N	4W		GAS	4777	3193	3494	2794	2811	2373	2487	1866	2925	2168	3096	2824	34908	40367
14C	125N	4W		GAS		268		810	142		116	249	92		420	858	2955	4073
AXI APACHE O																		
1A	1625N	4W		GAS	1286	759	1206	1503	1362	1529	1226	1406	1103	1182	1652	1087	15299	415011
2D	2525N	4W		GAS	690	1012	2171	1922	1672	1687	1136	1362	1344	1329	2418	1239	17782	99068
3M	925N	4W		GAS	1744	2318	2035	1908	1899	2281	1680	1610	1580	1544	2239	2259	23147	121649
4D	925N	4W		GAS	2515	2706	2358	2413	2248	2056	2454	2280	2174	2259	2117	2419	28081	159179
5B	925N	4W		GAS	2068	2143	2938	2886	2090	2792	2133	2307	2640	2531	2518	2717	30163	139730
6D	425N	4W		GAS	2140	2778	2357	2412	2477	2637	1710	1986	1914	2131	2782	2569	27893	163314
7M	325N	4W		GAS	2443	1471	4061	3141	2769	3089	2475	1658		2839	3477	1589	29012	112484
8A	425N	4W		GAS	6323	5106	6143	6649	6537	4372	8221	8201	5125	7186	6136	3337	73336	217003
9P	925N	4W		GAS	1431	1262	1335	1667	1512	1486	1236	1286	1209	1043	1357	1028	15834	53374
10J	325N	4W		GAS	5360	5861	3315	3679	2747	3171	2271	2279	1587	2329	2357	2645	37601	37601
11L	425N	4W		GAS	527	1516		801	472	279	733		62			877	5267	15689
12L	425N	4W		GAS	17498	13938	10627	10010	8998	9760	7010	7735	6886	7649	9024	8354	117029	117029
13I	425N	4W		GAS	1418		2970	2855	2722	2493	1650		308		639	2690	17785	31925
14N	1025N	4W		GAS	1881	1315	1258	1290	1171	868	1030	937	890	823	871	783	13117	13150
15I	1025N	4W		GAS	461	4136	1440	3042			746					873	10698	16586
16O	1025N	4W		GAS		222			251			90			68	623	1254	6601
COMPANY TOTAL				OIL	22	21	35	46	26	18	45	27	45	42	33	23	383	741
				GAS	79474	90466	83192	88932	80393	89346	69656	61503	64142	72483	103775	107107	990469	12899877
				WAT	66	21	35	46	26	18	45	27	45	42	33	23	427	
COTTON PETROLEUM CORP																		
APACHE																		
10K	1224N	4W		GAS	865	766	902	857	862	854	856	885	841	840	819	800	10167	124296
11P	224N	4W		GAS	746	628	732	727	742	667	691	716	695	666	647	646	8303	72586
12C	1324N	4W		GAS	1750	1541	1653	1563	1303	1849	1561	1506	1422	1664	1465	1464	18741	151611
13I	1324N	4W		GAS	2997	2547	2613	2413	2306	3322	2780	2691	2413	2399	2133	2099	30713	174415
14E	324N	4W		GAS	2337	2012	2227	1899	2276	1903	1676	1596	1519	1326	1426	1407	21604	96242
15M	424N	4W		GAS	630	519	578	518	506	477	454	515	437	433	413	415	5898	24971
16D	924N	4W		GAS	400	354	404	376	366	353	353	353	328	334	321	317	4259	17989
17I	1124N	4W		GAS	2232	1812	2076	2617	1967	2634	2178	1830	1674	1570	1534	1478	23602	70738
18K	224N	4W		GAS	1591			1501	1657	2659	1031	909	787	777	708	705	12325	20179
19M	324N	4W		GAS				3974	3929	2659	2061	1739	1502	1402	1235	1202	19703	19703
20B	424N	4W		GAS	3674			4459	4607	3613	2115	2025	2130	1843	1740	1732	27988	37381
21J	424N	4W		GAS				3737	3850	2001	1548	1376	952	824	581	518	15387	15387
22L	924N	4W		GAS							1636	1519	834	862	716	642	6209	6209
23K	1124N	4W		GAS				7855	2161	1483	1260	1086	864	838	761	777	17115	17115
24A	1424N	4W		GAS				11520	19006	22573	16754	14144	12599	11444	8065	10113	125968	125968
COMPANY TOTAL				GAS	17222	10199	11185	43746	45537	47047	36954	32894	28997	27222	22644	24315	347962	975376
DEPCO INCORPORATED																		
EURNS																		
1M	1526N	7W		GAS	1586	1411	1780	1495	1147	8796	1447	1479	1733	1482	1491	1607	25454	560010
JENKINS																		
1C	1226N	7W		GAS	1708	1710	1780	1788	1384	1359	1212	1130	1707	1731	1594	1574	18677	603244
X 4K	1226N	7W		GAS	492	443	453	464	479	448	457	431	418	444	418	429	5416	174583
3I	1126N	7W		GAS	751	785	844	790	861	767	833	834	798	787	789	843	9782	378974
4N	1026N	7W		GAS	1456	1247	1420	1340	1042	1323	1355	1225	1370	1408	1295	1346	15827	567595
PKL																		
2L	526N	7W		GAS	1578	1381	1430	1437	1080	1343	1554	1491	1400	1497	1460	1379	17030	925647
3P	626N	7W		GAS	2485	2232	2413	2355	1830	2100	2039	2132	2086	2243	2106	2291	26372	709240
4B	626N	7W		GAS	3540	3007	3202	3201	2424	3042	3623	3343	3526	3653	3480	3243	39284	1233940
6O	626N	7W		GAS	2934	2495	2751	2690	2141	2794	2705	2525	2696	2584	2212	2410	30937	3369992
7D	826N	7W		GAS	3601	3348	3768	3502	2623	3499	3682	3482	3594	3362	3337	3491	41289	1019839
8I	726N	7W		GAS	3948	3200	3644	3652	2902	2887	4102	3663	3607	2926	3583	3264	41398	1247271
9L	626N	7W		GAS	2225	1838	1588	2251	1673	2211	2077	2027	2307	2062	2018	1993	24670	320344
10D	726N	7W		GAS	1584	1381	1512	1420	1085	1647	1485	1479	1407	1490	1431	1477	17398	389047
11M	726N	7W		GAS	2276	2028	2228	2124	1593	1685	1651	1415	1343	1531	2244	2314	22432	511701
12L	826N	7W		GAS	2284	2156	2383	2308	1903	1675	2094	1808	2135	1756	2168	2060	24730	2366678
13A	726N	7W		GAS	2713	2304	2573	2412	1839	1629	2412	2129	2623	1594	2281	1949	26458	1918488
14E	526N	7W		GAS	1590	1421	1370	1233	1030	1822	1548	1447	1453	1460	1488	1488	17350	756045
15A	526N	7W		GAS	LAST PROD. DATE 07/75												S	236012
X 16P	526N	7W		GAS	3067	2667	6544	2702	2386	2818	2696	2949	2798	2584	2721	2767	36699	955256
17B	826N	7W		GAS	6225	5986	3061	6161	4783	3344	2036	6580	6388	6183	5830	6045	63112	1624199
COMPANY TOTAL				GAS	46643	41040	45264	43325	34205	45189	39008	41569	43389	40777	41936	41970	504315	22755795
DUGAN PRODUCTION CORPORATION																		
ALMAGRE																		
1M	2724N	1W		GAS	LAST PROD. PRIOR TO 6/73												U	690453
ANDERSON B																		
1M	3325N	3W		GAS	618	498	554	524	564	529	541	554	519	523	524	504	6452	246325
				WAT	8	7	8	8	8	30	31	31	30	30	30	31	252	
J R ANDERSON																		
1J	3325N	3W		GAS	696	580	648	620	657	636	651	656	618	642	633	643	7640	312881
				WAT	18	17	18	17	17	17	17	17	15	15	15	15	198	
2A	2625N	3W		GAS	457	414	423	456	455	421	447	390	417	434	316	507	5137	119592
				WAT	16	15	16	16	16	15	16	16	15	15	15	15	186	
FARMING D CCM																		
1M	227N	5W		GAS	680	614	688	682	683	656	665	553	524	501	486	447	7179	338251
JICARILLA																		
1A	324N	4W		GAS	185	189	422	319	322	290	210	222	152	283	447	313	3354	161114
				WAT	8	7	8	8	8	7	8	8	7	8	8	8	93	
L AND M STATE																		
1G	1625N	6W		GAS													X	48958
MEXICO FEDERAL H																		
1D	3625N	3W		GAS	423	397	427	420	450	422	438	434	415	423	419	447	5115	143560
COMPANY TOTAL				GAS	3019	2692	3122	3021	3131	2954	2952	2809	2645	2806	2825	2861	34977	2061134
				WAT	50	46	50	49	49	69	72	72	67	68	68	69	729	
CYNA RAY OIL AND GAS CO.,INC.																		
ABRAHAM FEDERAL																		
7L	2024N	1W		GAS	PLUGGING APPROVED 1976													113652
HILL ABRAHAM																		
1M	2424N	2W		GAS	PLUGGING APPROVED 1970													201604
JICARILLA B 156																		
2J	223N	2W		GAS	PLUGGING APPROVED 1970													378
JICARILLA E 160																		
3M	1223N	2W		GAS	PLUGGING APPROVED 1970													22820
COMPANY TOTAL				GAS														338454
EL PASO NATURAL GAS COMPANY																		
ABRAHAM E																		
1E	2424N	2W		GAS	PLUGGING APPROVED 1969													132326
				OIL														369
2G	2424N	2W		GAS	PLUGGING APPROVED 1969													16
BLANCO																		
13G	127N	8W		GAS	1278	1183	1291	1213	1122	1784	1527	1462	1419	1387	1390	1412	16468	522977
13K	3628N	8W		GAS	2104	1798	2001	2065	1967	1547	1525	936	2092	1501	2098	2213	21847	512334
14D	3628N	8W		GAS	3517	3296	3895	2782	2849	2341	2508	2442	2066	2050	1890	2016	30652	949162
17G	3628N	8W		GAS	3809	3106	3443	2975	3458	3293	2662	2447	2166	2106	2706	2377	34548	783961
18I	3628N	8W		GAS	4037	3415	4028	3466	4396	4140	4084	4044	891	4651	3868	3558	44578	543896
19C	127N	8W		GAS	1535	1430	1514	1424	1471	1404	1385	1472	938	1753	1280	1520	17126	159861
BOLACK B																		
2K	1227N	8W		GAS	291	258	282	274	298	269	289	281	313	302	327	321	3505	182168
3N	3328N	8W		GAS	2811	2302	4785	3729	154				7024	5882	4834	4610	39133	1049825
4J	3328N	8W		GAS	1537	1399	1455	1315	1784	1496	1649	1508	1518	1513	1496	1631	18339	250280
6E	3328N	8W		GAS	1552	1367	1466	1216	1637	1435	1449	1455	1329	1356	1334	1319	16915	257189

(1)

334-6003

F. P. CRUM, JR.
P. O. BOX 400
AZTEC, NEW MEXICO 87410

CONSULTANT GEOLOGIST
DRILLING & COMPLETION
LEASE MANAGEMENT

DEPCO, INC.

WORKOVER REPORT

MKL 16X

Sec. 5 T26N R7W
Rio Arriba County, New Mexico

04/28/79 - After observing and evaluating for some time, noted well finally down. Recommended remedial work due to needed cleaning out & casing repair.

05/01/79 - Conference w/ Mr. John Wylie, management. Located pulling unit; purchased Baker model G size 45B packer. Ordered out Mo-te Roustabout Service to install anchors on location.

05/03/79 - Moved Farmington Well Service unit on location. Rigged up. Broke out wellhead. Pulled 2 3/8" EUE tbg. 4' pup jt. plus 71 full jts. & two 4' perforated subs bull plugged on bottom.

Ran 2 perforated subs & four jts. below packer: 71 jts. tbg. in all - 2205', set @ 2213' w/ Baker packer set @ 2080'.

Well started to flow fresh, clear water while running last 5 jts. - 1/2" stream.

05/04/79 - Swabbing: swabbed dry. Water flow from casing same as yesterday. (Sample taken.) S.I. pressure = 15# psig.

05/11/79 - Farmington Well Service swabbing unit on hole.

05/12/79 - Swabbing.

05/14/79 - Swabbing; dried up. Not much gas show.

05/24/79 - Tubing pressure = 33#. Down to 0# in 5 minutes blowing through 1/2" valve. No water.

(2)

06/02/79 - Tubing pressure = 253#. Blew down to 0# in 3 minutes through 2" valve.

06/11/79 - Tubing pressure = 258#. Blow-down rate approximately the same.

06/18/79 - Big A Well Service swabbed 200' first run;down to 25' last run. Released unit. 5:00 P.M.

06/21/79 - Tubing pressure = 255#. Left S.I.

06/28/79 - Tubing pressure = 260#. Left S.I.

07/07/79 - Tubing pressure = 265#. Left S.I.

08/04/79 - Tubing pressure = 275#. Rocking up.

09/21/79 - Tubing pressure =288#. Left S.I.

12/22/79 - Blew well. Unloaded some water, then blew slowly down. S.I.

12/26/79 - Blew well; no water. Blew down to small steady flow 15 minutes. S.I.

12/28/79 - Well on 4:15 P.M. Off most of January. Blowing about once weekly.

02/10/80 - Well on line 11:15 A.M. Producing and shut-in intermittently. Waiting on orders.

Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.: SF079162

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: --

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

7. UNIT AGREEMENT NAME: --

b. TYPE OF WELL: OIL WELL [ ] GAS WELL [X] OTHER — SINGLE ZONE [ ] MULTIPLE ZONE [X]

8. FARM OR LEASE NAME: MKL

2. NAME OF OPERATOR: DEPCO, Inc.

9. WELL NO.: 16R

3. ADDRESS OF OPERATOR: 1000 Petroleum Building - Denver, CO 80202

10. FIELD AND POOL, OR WILDCAT: Largo Chacra/So. Blanco PC

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: ~~1530~~ 1520' FEL, 1500' FSL, Sec. 5
At proposed prod. zone: Same

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 5-T26N-R7W

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 25 Miles SE of Blanco, NM

12. COUNTY OR PARISH: Rio Arriba — 13. STATE: NM

16. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 1530'

16. NO. OF ACRES IN LEASE: 2248.40

17. NO. OF ACRES ASSIGNED TO THIS WELL: 160

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.: 950'

19. PROPOSED DEPTH: 3400'

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 6056' GR 6068' KB (Est)

22. APPROX. DATE WORK WILL START*: 5-1-82

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#, K55	300'	275 sx (Circulate)
7-7/8"	5-1/2"	15.5# K55	3400'	500 sx (2-stage)

1. Drill 12¼" surface hole and set surface casing as above.
2. Drill 7-7/8" hole to 3400'.
3. Run DIL/SFL and CNL/FDC-GR Logs.
4. Set 5½" casing string if warranted, or P&A in compliance with regulations.
5. The location will be reshaped to original topography. Stockpiled topsoil will be respread and the area reseeded.

Exhibits attached to this APD

"A" - Well Location Plat; "B" - Ten Point Compliance Program; "C" - Blowout Preventer Diagram; "D" - Multipoint Surface Use Requirements; "E" - Road Access Map to Area; "F" - Topographic Map of Area, Road Access, and wells within one mile radius; "G" - Drilling Location Plan, Contours, Cuts and Fills; "H" - Drilling Rig and Production Facilities Plan; "I" - Treatment Program Plan; "J" - Archeology Report. "K" - Non-Standard Location Approval

NOTE: THIS WELL IS A NON-STANDARD LOCATION DUE TO TOPOGRAPHY

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. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.
SIGNED W. S. Schwerin TITLE Prod. Supt. - So. Rockies DATE 1/26/82

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"

Note FBLC

*See Instructions On Reverse Side

This action is subject to administrative appeal pursuant to 30 CFR 290.

OPERATOR

RECEIVED
AUG 27 1982
OIL CONSERVATION DIVISION
SANTA FE

RECEIVED
MAR 19 1982
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

APPROVED
AS AMENDED
MAR 24 1982
Dean Elliott
FOR JAMES F. SIMS
DISTRICT ENGINEER

(3)

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

BRUCE KING
GOVERNOR

LARRY KEHOE
SECRETARY

February 3, 1982

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-2434

F. P. Crum, Jr.
P. O. Box 400
Aztec, New Mexico 87410

Administrative Order NSL-1473

Gentlemen:

Reference is made to your application on behalf of Depco, Inc. for a non-standard location for their MKL Well No. 16R to be located 1250 feet from the South line and 1530 feet from the East line of Section 5, Township 26 North, Range 7 West, NMPM, Pictured Cliffs-Chacra (dual), Rio Arriba County, New Mexico.

By authority granted me under the provisions of Rule 104 F of the Division Rules and Regulations, the above-described unorthodox location is hereby approved.

Sincerely,

JOE D. RAMEY,
Director

JDR/RLS/dr

cc: Oil Conservation Division - Aztec
Oil & Gas Engineering Committee - Hobbs
U. S. Geological Survey - Farmington

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SANTA FE

(4)

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-102
Revised 10-1-78

All distances must be from the outer boundaries of the Section.

Operator	Lease	Well No.
DEPCO, INCORPORATED	MKL	16R

Unit Letter	Section	Township	Range	County
J	5	26N	7W	Rio Arriba

Actual Footage Location of Well:
1500 feet from the South line and 1520 feet from the East line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
6056	Chacra	Otero	160 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling. etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

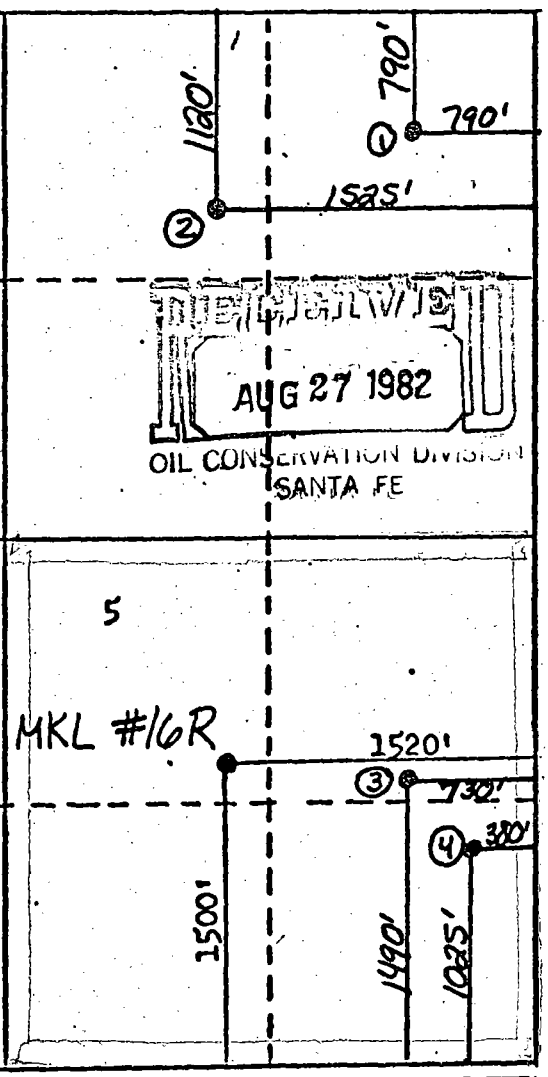
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

MKL #16R
Chacra Formation Proration Unit: SE/4 (160 acres)

Other Wells Within Proration Unit:

① Burns Fed. #1-S Sec. . .
Dakota - E/2 (320 acres)
② Burns Fed. #2
Mesa Verde - E/2 (320 acres)
③ Burns Fed. #1-M
Mesa Verde + E/2 (320 acres)
Dakota - E/2 (320 acres)
④ MKL #16X
Pictured Cliffs - SE/4 (160 acres)

This is the initial Chacra formation well drilled in this proration unit.



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AUG 27 1982
OIL CONSERVATION DIVISION
SANTA FE

CERTIFICATION

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

Name: W. F. Schwenn
Position: Prod. Supt. - So. Rockies
Company: DEPCO, Inc.
Date: March 2, 1982

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: February [illegible], 1982
Registered Professional Engineer and/or Land Surveyor: Fred B. Kerr Jr.
Certificate No.: 3950

(5)

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-107
Revised 10-1-78

All distances must be from the outer boundaries of the Section.

Operator	Lease	Well No.
DEPCO, INCORPORATED	MKL	16R

Unit Letter	Section	Township	Range	County
J	5	26N	7W	Rio Arriba

Actual Footage Location of Well: 1500 feet from the South line and 1520 feet from the East line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
6056	Pictured Cliffs	South Blanco	160 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

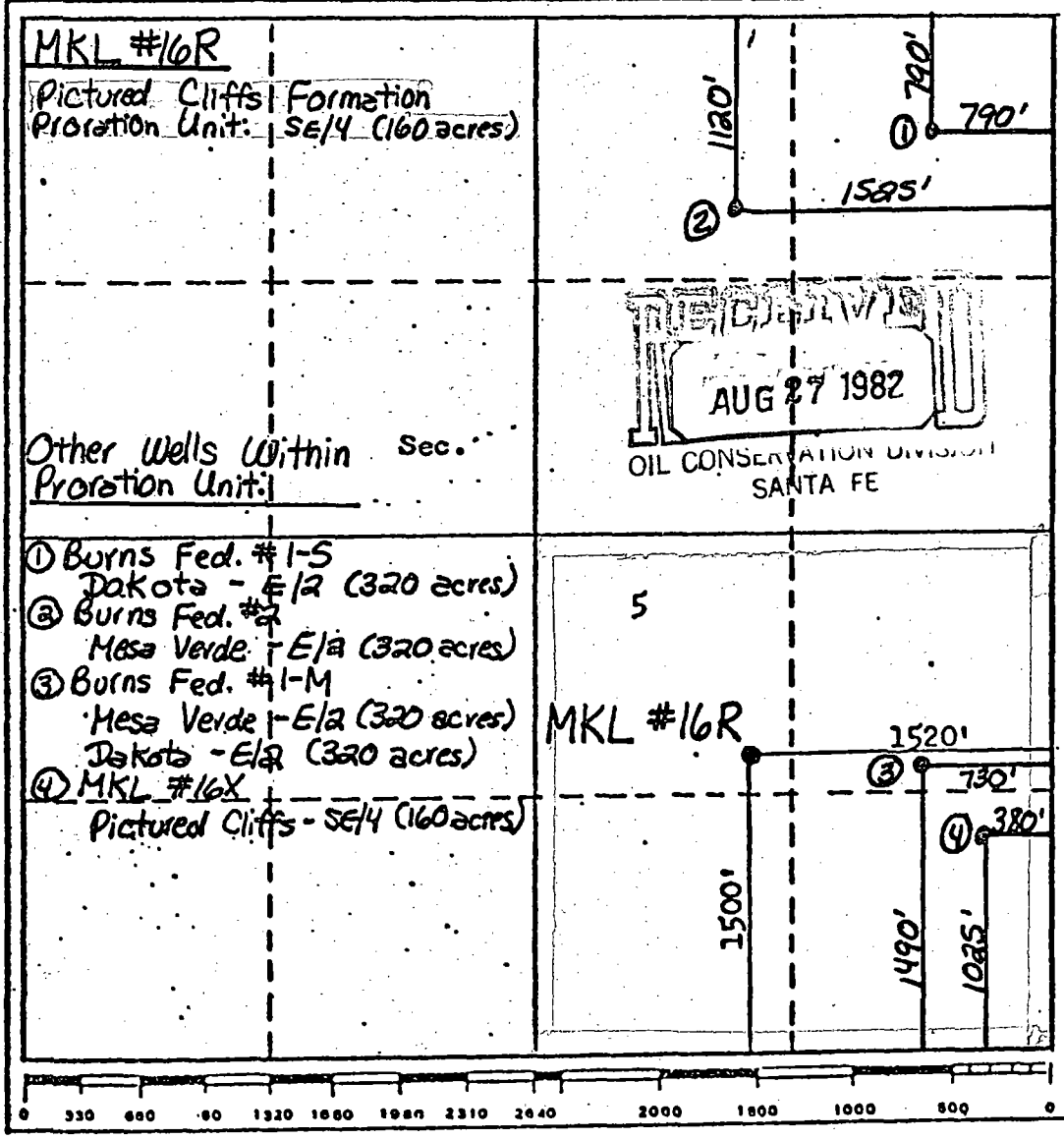
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling. etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

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 interests, has been approved by the Commission.



CERTIFICATION

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

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Position: Prod. Supt. - So. Rockies

Company: DEPCO, Inc.

Date: March 2, 1982

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Date Surveyed: February [illegible], 1982

Registered Professional Engineer and/or Land Surveyor: Fred B. Kerr Jr.

Certificate No.: 3950

6

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Form C-107
5-1-61

APPLICATION FOR MULTIPLE COMPLETION

Operator			County		Date
DEPCO, Inc.			Rio Arriba		6-30-82
Address			Lease		Well No.
1000 Petroleum Bldg - Denver, CO 80202			MKL		16R
Location of Well	Unit	Section	Township		Range
	J	5	26N		7W

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES X NO _____

2. If answer is yes, identify one such instance: Order No. _____ ; Operator Lease, and Well No.: _____

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	So. Blanco P.C.		Otero Chacra
b. Top and Bottom of Pay Section (Perforations)	2206'-2236'		3082'-3170'
c. Type of production (Oil or Gas)	Gas		Gas
d. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing

4. The following are attached. (Please check YES or NO)

Yes	No	
X	☐	a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
X	☐	b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
X	☐	c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.*
X	☐	d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.)

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

Bolin Oil Company, 1120 Oil & Gas Building, Wichita Falls, TX 76301

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AUG 27 1982
OIL CONSERVATION DIVISION
SANTA FE

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES X NO _____. If answer is yes, give date of such notification 6-30-82.

CERTIFICATE: I, the undersigned, state that I am the Prod. Supt. - So. Rockies of the DEPCO, Inc. (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

W. S. Shuman
Signature

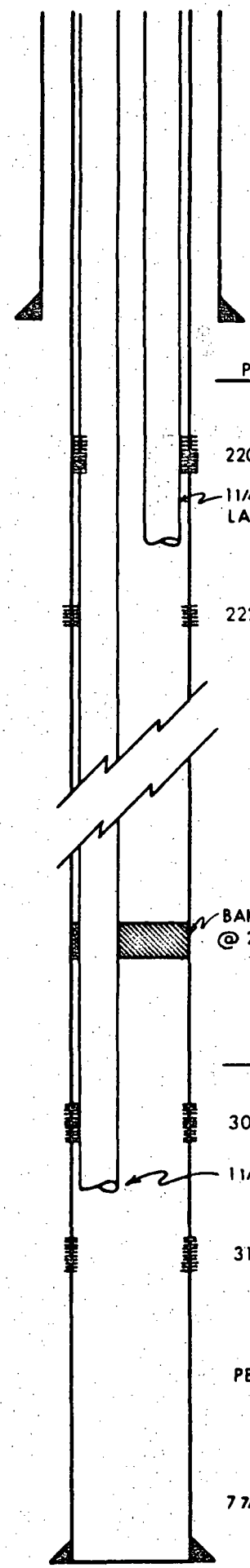
*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

(7)

DIAGRAMMATIC SKETCH OF DUAL GAS COMPLETION

MKL NO. 16 R



8 5/8"-24#-K55-ST&C CSG LANDED @ 335' KB.
CMT W/275 SX REG, CLASS "B", 3% $CaCl_2$,
1% FLOCELE. CIRC. TO SURFACE.

P. C. PERFORATIONS - 2 JSPF

2206' - 18'

1 1/4" - 2.4# - V55 EUE TBG
LANDED @ 2228' K B

2228' - 36'

BAKER MODEL R-3 45A4 PACKER SET
@ 2325' KB

CHACRA PERFORMATIONS - 2 JSPF

3082' - 3100'

1 1/2" - 2.9# - V55 - EUE TBG LANDED @ 3137' KB

3162' - 72'

PBTD @ 3342' KB

7 7/8" HOLE TO 3425' TD

5 1/2" - 15.5# - J 55 ST&C CSG LANDED @ 3425' KB. CMT
1ST. STAGE W/80 SX 65/35 POZMIX, 12% GEL, 12 1/2# GILSONITE
/SK, 100 SX 50/50 POZMIX, 2% GEL, 1/4# FLOCELE/SK.

CMT. 2ND STAGE THRU DV TOOL @ 2287' KB
W/260 SX 65/35 POZMIX, 12% GEL, 12 1/2#
GILSONITE/SK, FOLLOWED BY 100 SX 50/50
POZMIX, 2% GEL, 1/4# FLOCELE/SK. CMT
CIRC. TO SURF.

FORMATION TOPS:

OJO ALAMO -	1173' KB
KIRTLAND -	1550'
FRUITLAND -	2042'
PICTURED CLIFFS -	2181'
CHACRA -	3082'
CLIFF HOUSE -	
POINT LOOKOUT -	

CALCULATED CEMENT TOPS:

1 ST STAGE - 2080 KB
2 ND STAGE - SURFACE
3 RD STAGE -

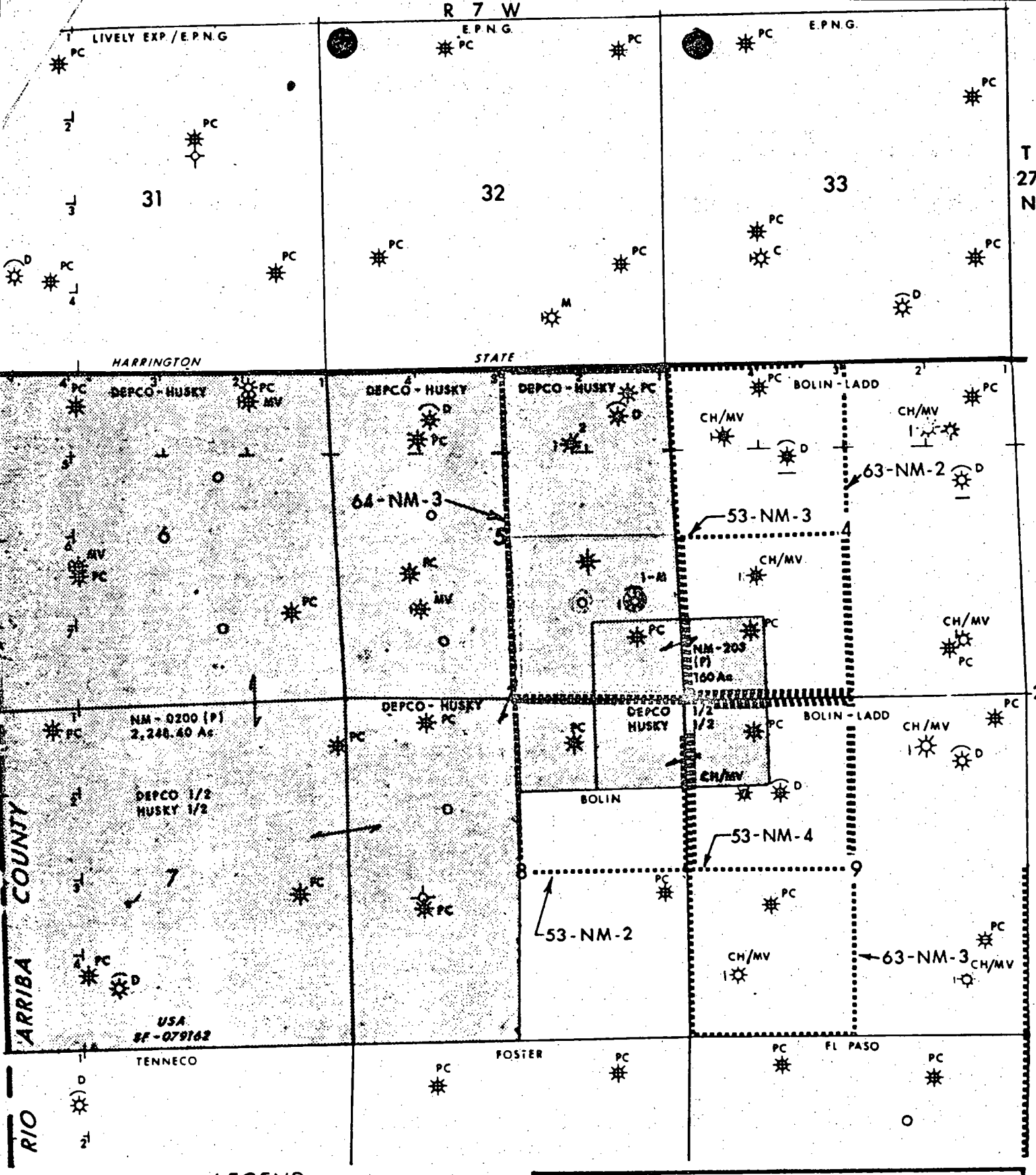
DEPCO INC.

1000 PETROLEUM BUILDING
DENVER, COLORADO 80202

APPLICATION FOR DUAL GAS COMPLETION

MKL NO. 16 R

NW/4 - SE/4 SEC 5 T-26-N R-7-W
RIO ARRIBA COUNTY, N.M.



LEGEND

- PC - PICTURED CLIFFS
- CH - CHACRA
- MV - MESAVERDE
- D - DAKOTA
- G - GRANEROS

DEPCO INC.

1000 PETROLEUM BUILDING
DENVER, COLORADO 80202

APPLICATION FOR DUAL GAS COMPLETION
PICTURED CLIFFS / CHACRA
MKL NO. 16 R
NW/4 SE/4 SEC. 5 T 26 N R 7 W
RIO ARRIBA COUNTY, N.M.

7

RECEIVED
JUL 21 1982

CERTIFIED MAIL
NO. 3858031

RETURN RECEIPT REQUESTED

DEPCO, Inc.

PRODUCTION & EXPLORATION

June 28, 1982

Bolin Oil Company
1120 Oil and Gas Building
Wichita Falls, Texas 76301

Attention: Mr. R. C. Erwin
Legal and Land Manager

RE: Waiver For Dual Completion
MKL No. 16R
NW/4 SE/4, Sec. 5-T26N-R7W
Rio Arriba County, New Mexico

RECEIVED
AUG 27 1982
OIL CONSERVATION
SANTA FE

Gentlemen:

DEPCO, Inc. proposes to dually complete the subject well in the Pictured Cliffs and Chacra formations. In compliance with New Mexico Oil Conservation Division rules and regulations, a copy of the Application for Multiple Completion is enclosed including a plat showing the location and producing zones as well as the operator of all wells located on offsetting leases, together with a copy of Administrative Order NSL-1473, non-standard location approval.

As an offset operator to the subject well, it is requested that if you have no objection to this dual completion, you indicate your consent by signing and returning the attached copy of this letter in the enclosed self-addressed envelope.

Very truly yours,

W. F. Schwenn
Production Superintendent
Southern Rockies

Enc.

WFS:jz

We hereby consent to the dual completion of the MKL No. 16R well as proposed in DEPCO, Inc's Application for Multiple Completion, Form C-107, dated June 30, 1982.

By: _____

Title: Land Mgr.

Date: 7-16-82

Form 9-331
Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other

2. NAME OF OPERATOR
DEPCO, Inc.

3. ADDRESS OF OPERATOR
1000 Petroleum Building - Denver, CO 80202

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1520' FEL, 1500' FSL (NW¼ SE¼)
AT TOP PROD. INTERVAL: Same
AT TOTAL DEPTH: Same

5. LEASE
SF079162

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
--

7. UNIT AGREEMENT NAME
--

8. FARM OR LEASE NAME
MKL

9. WELL NO.
16R

10. FIELD OR WILDCAT NAME
Otero Chacra/So. Blanco P.C.

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 5-T26N-R7W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
NM

14. API NO.
30-039-22917

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6056' GR 6068' KB

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	☐		☐
FRACTURE TREAT	☐		☒
SHOOT OR ACIDIZE	☐		☒
REPAIR WELL	☐		☐
PULL OR ALTER CASING	☐		☐
MULTIPLE COMPLETE	☐		☒
CHANGE ZONES	☐		☐
ABANDON*	☐		☐
(other)			

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OIL CONSERVATION DIVISION
SANTA FE

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. 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.)*

6-29-82 MIRU Aztec Well Service Unit #142. PBTD @ 3342' KB. Perfd Chacra 3162-72' KB w/2 JSPF. Treat perfd interval w/250 gal 15% HCL, 33642 gal slick KCL wtr, 25,000# 20/40 sd. Avg treating press 2300 psi, avg treating rate 24 BPM.

7-02-82 Perfd Chacra 3082-3100' KB w/2 JSPF. Treat perfd interval w/250 gal 15% HCL, 48846 gal slick KCL wtr, 40,000# 20/40 sd. Avg treating press 2300 psi, avg treating rate 27 BPM. Perfd PC 2206-18' & 2228' to 2236' w/2 JSPF. Foam-frac'd perfd intervals w/250 gal 15% HCL, 20076 gal wtr, 665,000 SCF-N_2, 60,000# 20-40 sd, 10000# 10/20 sd, & 20 ball sealers. Avg treating press 1450 psi, avg treating rate 20 BPM. CO sd & wtr to PBTD w/N_2.

- O V E R -

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED W. S. Schwerdtfeger Prod. Supt. - So Rockies DATE July 15, 1982

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

(9)

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

7-8-82 Ran 97 jts - 3126.53' - 1½" - 2.90# - R2 - EUE 10rd thd tbg landed @ 3137' KB. Ran 5½' model R-3 45A4 dbl-grip retrievable pkr set @ 2325' KB. Ran 70 jts - 2218.00', 1¼", 2.40#, R2, EUE, 10rd thd tbg landed @ 2228' KB. SWI prior to deliverability and CAOF determination.

GPO : 1976 O - 214-149

-330
6-63)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.: SF 079 162

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: --

7. UNIT AGREEMENT NAME: --

8. FARM OR LEASE NAME: MKL

9. WELL NO.: 16R

10. FIELD AND POOL, OR WILDCAT: Otero Chacra/So Blanco P.C.

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 5-T26N-R7W

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

2. NAME OF OPERATOR: DEPCO, Inc.

3. ADDRESS OF OPERATOR: 1000 Petroleum Bldg, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface: 1520' FEL, 1500' FSL (NW/4 SE/4)
At top prod. interval reported below: Same
At total depth: Same

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AUG 27 1982
OIL CONSERVATION DIVISION
SANTA FE

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
30-039-22917	3-24-82	Rio Arriba	NM

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
4-19-82	4-22-82	7-13-82	6056' GR 6068' KB	6058'

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
3425'	3342'	2	→	0-TD	-

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
2204'-2244' Pictured Cliffs
3079'-3114'; 3158'-3182' Chacra

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: DIL/SFL-SP; CNL/FDC - GR/CAL

27. WAS WELL CORED:

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24 ST&C	335' KB	12-1/4"	275 sx - 3% CaCl2	None
5-1/2"	15.5 ST&C	3425' KB	7-7/8"	1st stage - 180 sx	None
				2nd stage - 360 sx	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
None				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
1-1/2"	3137' KB	2325' KB
1-1/4"	2228' KB	

31. PERFORATION RECORD (Interval, size and number)
2206'-18' KB 2 JSPF
2228'-36' KB 2 JSPF
3082'-3100' KB 2 JSPF
3162'-72' KB 2 JSPF

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2206'-36' KB	250 gal Acid, 70000 lbs sd
3082'-3100' KB	250 gal Acid, 40000 lbs sd
3162'-72' KB	250 gal Acid, 25000 lbs sd

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
7-20-82	Flowing	SI

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7-20-82			→		153.25 (PC)		
7-27-82	3	3/4"		0	221.63 (CH)	0	-

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
87 psig	252 psig	→		1226 (PC)		
130 psig	---		0	1773 (CH)	0	-

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): Waiting on Pipeline Connection

TEST WITNESSED BY: F. P. Crum, Jr.

35. LIST OF ATTACHMENTS: Single Point Back Pressure Test - Chacra & P.C. zones.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED [signature] TITLE Prod. Supt. - So. Rockies DATE 8-3-82

*(See Instructions and Spaces for Additional Data on Reverse Side)

(10)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: *"Sacks Cement":* Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Ojo Alamo	1174'	1550'	Ss - Wtr
Pictured Cliffs	2182'	2254'	Ss - Gas, Sw-40%
Chacra	3079'	3181'	Ss - Gas, Sw-40%

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	1174'	1174'
Kirtland	1550'	1550'
Fruitland	2041'	2041'
Pictured Cliffs	2180'	2180'
Chacra	3079'	3079'

U.S. GOVERNMENT PRINTING OFFICE: 1983—O-683636

GPO 680-378

1-F

NEW MEXICO OIL CONSERVATION COMMSSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test: [X] Initial [ ] Annual [ ] Special				Test Date: 7/20/82	
Company: DEPCO, INC.			Connection: not connected		
Pool: South Blanco			Formation: Pictured Cliffs		Unit:
Completion Date: 7/13/82	Total Depth: 3428' KB		Plug Back TD: 3342' KB	Elevation: 6056' GL	Farm or Lease Name: MKL
Csg. Size: 5.500 / Wt.: 15.5# / d: / Set At: 3425' KB			Perforations: From 2206' To 2236'		Well No.: 16-R (dual)
Tbg. Size: 1.660 / Wt.: 2.4# / d: / Set At: 2228' KB			Perforations: From To		Unit: J / Sec.: 5 / Twp.: 26N / Rge.: 7W
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: G.G. Multiple			Packer Set At: 2325' KB		County: Rio Arriba
Producing Thru: Tbg.	Reservoir Temp. °F: @	Mean Annual Temp. °F:	Baro. Press. – P_a:		State: New Mexico

L	H	Gg	% CO_2	% N_2	% H_2S	Prover	Meter Run	Taps

	FLOW DATA					TUBING DATA		CASING DATA		
NO.	Prover Line Size	X Orifice Size	Press. p.s.i.g.	Diff. h_w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	Duration of Flow
SI						357		357		7 day SI
1.	2"	X 3/4"				87	58	252		3 hrs.
2.										
3.										
4.										
5.										

RATE OF FLOW CALCULATIONS

NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P_m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	12.3650		99	1.0019	1.000	1.000	1,226
2.							
3.							
4.							
5.							

NO.	P_t	Temp. °R	T_r
1.			
2.			
3.			
4.			
5.			

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OIL CONSERVATION DIVISION
SANTA FE

Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
Specific Gravity Separator Gas _____ XXXXXXXXXX
Specific Gravity Flowing Fluid XXXXX _____
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c 369 P_c^2 136,161

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1	9801	264	69,696	66,465
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.0486$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.8397$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 2,255$

Absolute Open Flow 2,255 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n .85

Remarks: _____

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	Crum	Crum	

(11)

Schlumberger

COMPUTER PROCESSED LOG

COMPANY DEPCO, INC.

WELL MKL # 16 R

FIELD CHACRA - PICTURED CLIFFS

COUNTY RIO ARRIBA STATE NEW MEXICO

LOCATION 1520 FEL 1500 FSL NW/4 SE/4 S5 T26N R7W

ELEVATION KB 6068 DF 6067 GL 6056 API NO. —

Schlumberger Cyberlook
WELLSITE COMPUTATION
A CSU Service

Date	22 APR '82			
Run No.	ONE			
Depth—Driller	3425			
Depth—Logger	3428			
Btm. Log Interval	3426			
Top Log Interval	1990			
Casing—Driller	8 5/8 @ 336	@	@	@
Casing—Logger	336			
Bit Size	7 7/8			
Type Fluid in Hole	FGM			
Dens. | Visc.	9.2 | 68			
pH | Fluid Loss	9.0 | 8.8 ml	ml	ml	ml
Source of Sample	FLOW LINE			
Rm @ Meas. Temp.	2.52 @ 60 °F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	.073 @ 68 °F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	2.93 @ 64 °F	@ °F	@ °F	@ °F
Source: Rmf | Rmc	EMT | EMT			
Rm @ BHT	1.08 @ 140 °F	@ °F	@ °F	@ °F
TIME Circulation Stopped	0730 4-22			
TIME Logger on Bottom	LAST 1750			
Max. Rec. Temp.	140 °F	°F	°F	°F
Equip. | Location	8171 | 4205			
Recorded By	BAIN/HANCOCK			
Witnessed By	MR. FRED CRUM			

FIELD PRINT

The well name, location and borehole reference data were furnished by the customer.

FOLD HERE

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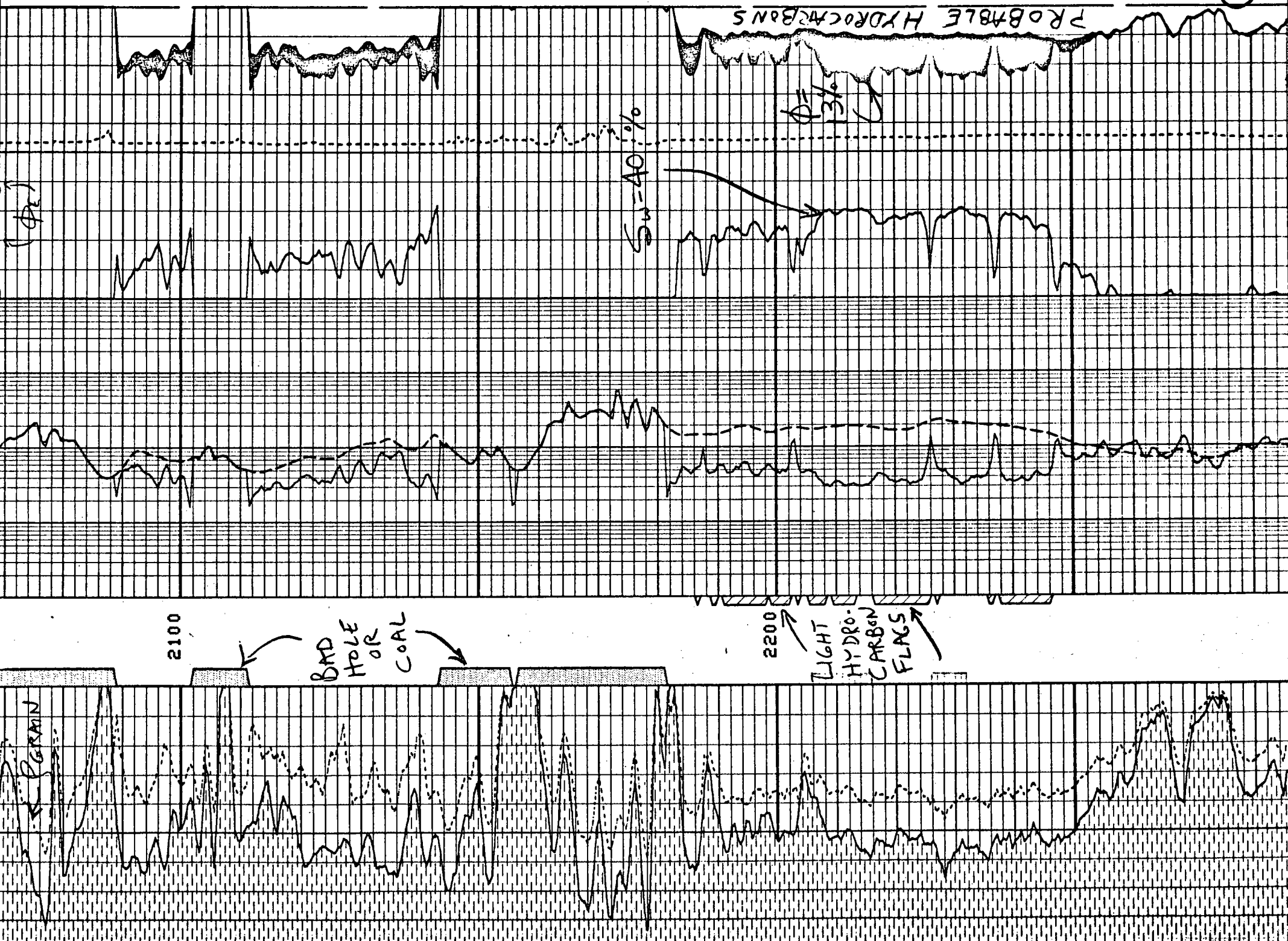
OIL CONSERVATION DIV.
SANTA FE

(12)


PROBABLE HYDROCARBONS
ϕ = 3%
S_w = 40%
$(1-\phi_t)$
2100
BAD HOLE OR COAL
2200
LIGHT HYDRO. CARBON FLAGS
GRAIN

Schlumberger

COMPENSATED NEUTRON FORMATION DENSITY

COMPANY DEPCO, INC

WELL MKL # 16 R

FIELD CHACRA - PICTURED CLIFFS

COUNTY RIO ARRIBA STATE NEW MEXICO

COUNTY / FIELD / LOCATION / WELL / COMPANY

LOCATION 1520 FEL 1500 FSL
NW/4 SE/4

API SERIAL NO.	SEC.	TWP.	RANGE
–	5	26N	7W

Other Services:
DI - SFL
CYBERLOOK

Permanent Datum: GROUND LEVEL ; Elev.: 6056
Log Measured From KELLY BSHNG, 12 Ft. Above Perm. Datum
Drilling Measured From KELLY BUSHING

Elev.: K.B. 6068
D.F. 6067
G.L. 6056

Date	22 APR 1982		
Run No.	ONE		
Depth—Driller	3425		
Depth—Logger	3425		
Btm. Log Interval	3422		
Top Log Interval	CSG 336		
Casing—Driller	8 5/8 @ 336	@	@
Casing—Logger	336		
Bit Size	7 7/8		
Type Fluid in Hole	FGM		
Dens. / Visc.	9.2 / 68		
pH / Fluid Loss	9.0 / 8.8 ml	ml	ml
Source of Sample	FLOW LINE		
Rm @ Meas. Temp.	2.52 @ 60 °F	@ °F	@ °F
Rmf @ Meas. Temp.	.073 @ 68 °F	@ °F	@ °F
Rmc @ Meas. Temp.	2.93 @ 64 °F	@ °F	@ °F
Source: Rmf / Rmc	EMT / EMT		
Rm @ BHT	1.08 @ 140 °F	@ °F	@ °F
TIME Circulation Stopped	0730 4-22		
TIME Logger on Bottom	1750 4-22		
Max. Rec. Temp.	140 °F	°F	°F
Equip. / Location	8171 / 4205		
Recorded By	BAIN/HANCOCK		
Witnessed By	MR FOGELSONG		

FIELD PRINT

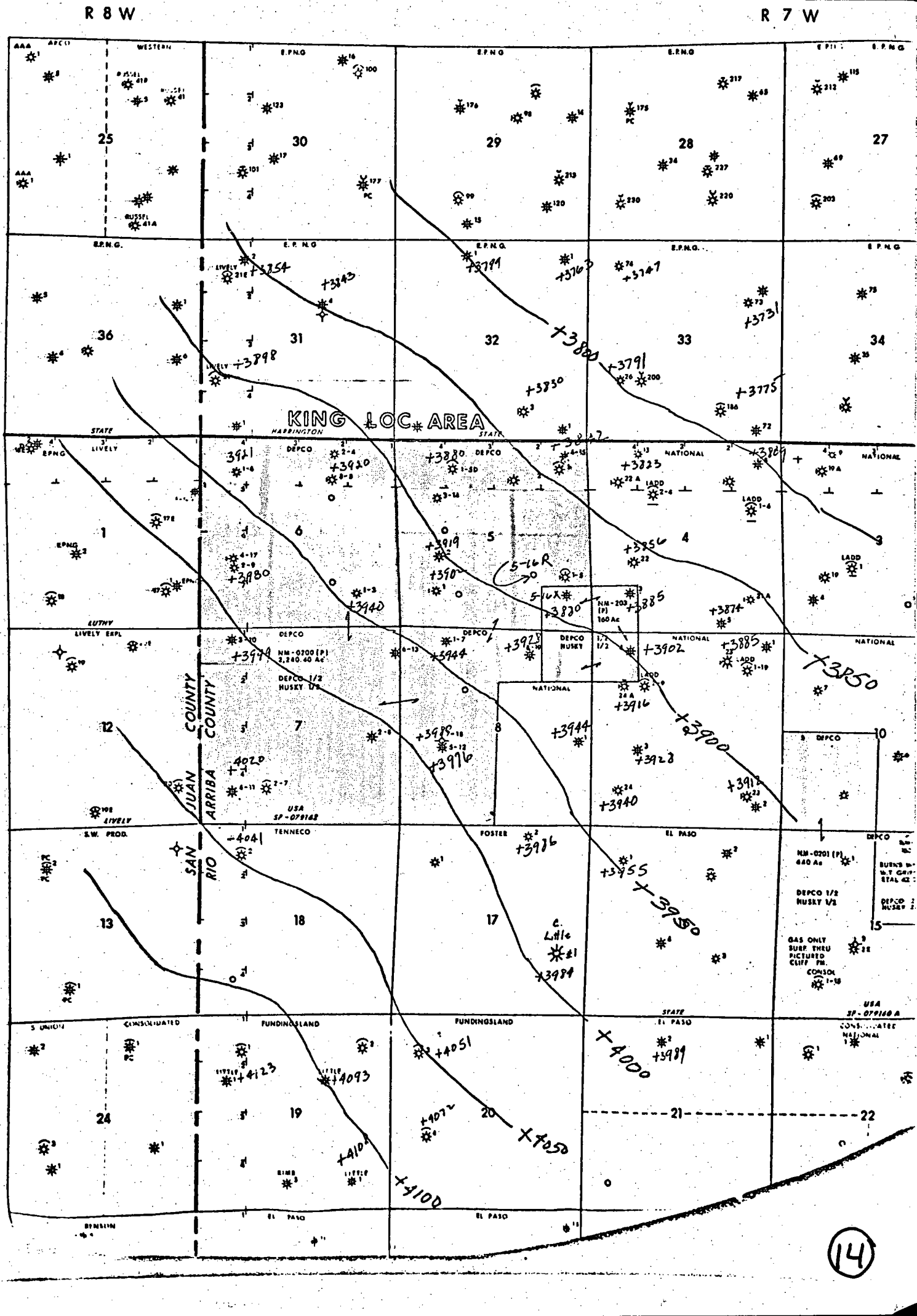
RECEIVED
AUG 27 1982

The well name, location and borehole reference data were furnished by the customer.

FOLD HERE

13


2200
2300


R 8 W
R 7 W
KING LOC. AREA
SAN JUAN COUNTY
ARRIBA COUNTY
25
30
29
28
27
36
31
32
33
34
1
6
5
4
3
12
7
8
10
13
18
17
15
24
19
20
21
22
+3800
+3850
+3900
+3950
+4000
+4050
+4100
14

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

BRUCE KING
GOVERNOR
LARRY KEHOE
SECRETARY

Depco, Inc.
1000 Petroleum Building
Denver, Colorado 80202

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-2434

Attention: Steven M. Reed, Manager-Natural Gas Dept.

Re: Application for NGPA Infill Well
Findings Under Provisions of
Order No. R-6013-A. MKL Well
No. 16R, J-5-26N-7W,
Rio Arriba County

Dear Mr. Reed,

We may not process the subject application for infill findings until the required information, forms, or plats checked on the reverse side of this letter are submitted.

Sincerely,

Michael E. Stogner/DV

Michael E. Stogner,
Petroleum Engineer

MES/dp

- [ ] A copy of Form C-101 must be submitted.
- [ ] A copy of Form C-102 must be submitted.
- [ ] The pool name must be shown.
- [ ] The standard spacing unit size for the pool must be shown.
- [ ] Give the Division Order No. which granted the non-standard proration unit.
- [ ] Please state whether or not the well has been spudded and give the spud date, if any.
- [ ] Information relative to other wells on the proration unit is incomplete.
- [x] The geologic and reservoir data is incomplete or insufficient.

  Please submit information sufficient to support a finding as to the necessity for an infill well(rule 9).
- [ ] Other:

DEPCO, Inc.

PRODUCTION & EXPLORATION

November 4, 1982

New Mexico Department of Energy and Minerals
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Michael E. Stogner
Petroleum Engineer

RE: CA-1315
Application for NGPA Infill Finding
18 CFR §271.305
NM Order No. R-6013-A
MKL No. 16R Well
Section 5-T26N-R7W
Rio Arriba County, New Mexico
Additional Information

Gentlemen:

In compliance with Rule 9 of the subject New Mexico Order please add the attached to DEPCO's Application. Thank you for your cooperation in this matter.

Very truly yours,

DEPCO, Inc.

Steven M. Reed
Manager - Natural Gas Department

SMR:jea

Attachment

Left Message to Return Call 11/18/82

1000 PETROLEUM BUILDING • DENVER, COLORADO 80202 • PHONE 303/595-0707

RE: MKL No. 16R
Rio Arriba County, New Mexico

DEPCO, Inc.

PRODUCTION & EXPLORATION

November 4, 1982

Subject well will recover an additional 442 MMF from Picture Cliff pool as a redrill for MKL 16X.

The MKL 16X has produced 985 MMF and has an estimated ultimate of 1,085 MMF. The MKL 16R redrill exhibited 40% of original pressure and 60% of original deliverability of the MKL 16X drilled in 1952. From this the ultimate recovery from the MKL 16R is estimated at 50% of the ultimate of the MKL 16X or 542 MMF.

How was this determined, show evidence supporting your data —

M. Stogner

11/18/82

1000 PETROLEUM BUILDING • DENVER, COLORADO 80202 • PHONE 303/595-0707

DEPCO, Inc.

PRODUCTION & EXPLORATION

November 24, 1982

New Mexico Department of Energy and Minerals
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Michael E. Stogner
Petroleum Engineer

RE: CA-1351
Application for NGPA Infill Finding
18 CFR §271.305
NM Order No. R-6013-A
MKL No. 16R Well
Section 5-T26N-R7W
Rio Arriba County, New Mexico
Additional Information

Gentlemen:

Pursuant to your request, enclosed is additional data in compliance with Rule 9 of the subject New Mexico Order.

Very truly yours,

DEPCO, Inc.

Steven M. Reed
Manager - Natural Gas Department

SMR:jea

Enclosures

1000 PETROLEUM BUILDING • DENVER, COLORADO 80202 • PHONE 303/595-0707

RE: MKL No. 16R
Rio Arriba County, New Mexico

Subject well will recover an additional 442 MMCF from Picture Cliff pool as a redrill for MKL No. 16X.

The MKL 16X has produced 985 MMCF and has an estimated ultimate of 1,085 MMCF. This figure is based on an extrapolation of past delivery and performance of the well. The MKL 16R redrill exhibited 40% of original pressure and 60% of original deliverability of MKL 16X drilled in 1952. From this the ultimate recovery from MKL 16R is estimated at 50% of the ultimate of the MKL 16X or 542 MMCF.

As evidence for the above figures please see attached Exhibit A which shows the results of a test taken September 5, 1952 on the older well and Exhibit B which is a well completion report filed with the USGS which shows test results on the redrill well and Exhibit C, a production curve for the MKL 16X.

TE	
	SWITCHED TO 6¼" BIT TO DRILL SECTION. MUD VISCOSITY 50.
8/30/52	REACHED T.D. 2240' (DRILLER) RAN GEOLECTRIC LOG. DRL. PIPE TALLEY & GEOLECTRIC LOG SHOWED T.D. @ 2276 FT.
9/1/52	CMTD. 5½" CSG. AT 2180' WITH 165 SAX. BRIDGIT & 30 SAX. NEAT.
9/4/52	SHOT WITH 200 QTS. NITROGEL. 2197' TO 2276FT. RAN 2½" TBG.
9/5/52	COMPLETED. [redacted] 2" AFTER 3 HRS. S.I.P. 878#.
DECEMBER	DESTROYED BY LANDSLIDE CASING COLLAPSED OR SHEARED OFF AT 47 FT.

WELL DATA SHEET

State NEW MEXICO
County RIO ARRIBA
Sec. 5 Twp. 26N. Rge. 7W
Location 1025' FROM S. & 380' FROM E.
Field or Area S. BLANCO
Company KINGSLEY-LOCKE
Lease M.K.L. Well No. 5-16-X
Spd. _____ Completed _____
Elev. 6046 G.L. T. D. _____

Formations — Horizons

KIRTLAND-FRUIT.	
PICT. CLIFFS SS.	
LEWIS SH.	

Remarks: THOMPSON BROS. CONTRACTOR

Date	
	ORIGINAL WELL No. 16 DESTROYED BY LANDSLIDE DURING DECEMBER, 1952.

EXHIBIT A

Form 9-330
(Rev. 5-63)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.: SF 079 162

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: --

7. UNIT AGREEMENT NAME: --

8. FARM OR LEASE NAME: MKL

9. WELL NO.: 16R

10. FIELD AND POOL, OR WILDCAT: So Blanco P.C.

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 5-T26N-R7W

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ * DRY ☐ Other

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

2. NAME OF OPERATOR: DEPCO, Inc.

3. ADDRESS OF OPERATOR: 1000 Petroleum Building - Denver, CO 80202

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: 1520' FEL, 1500' FSL (NW/4 SE/4)
At top prod. interval reported below: Same
At total depth: Same

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
30-039-22917	3-24-82	Rio Arriba	NM

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
4-19-82	4-22-82	7-13-82	6068' KB	6058'

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
3425'	3342'	2	→	0 - TD	-

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
2206' - 18' Pictured Cliffs
2228' - 36'

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: DIL/SFL-SP: CNL/FDC - GR/Cal

27. WAS WELL CORED: No

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24 ST&C	335' KB	12-1/4"	(See reverse side)	None
5-1/2"	15.5 ST&C	3425' KB	7-7/8"		None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
None				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
1-1/4"	2228' KB	

31. PERFORATION RECORD (*Interval, size and number*)
2206' - 18' KB 2 JSPF
2228' - 36' KB 2 JSPF

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2206'-36' KB	250 gal Acid, 70M lbs/sand
	20076 gal wtr, 665,000 SCF-N2

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
7-3-82	Flowing	SI

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7-20-82	3	3/4"		0	153.25	0	-

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
87	252		0	[redacted]	0	-

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*)
Gas Vented during test. Gas to be sold

TEST WITNESSED BY: F. P. Crum, Jr.

35. LIST OF ATTACHMENTS
Single Point Back Pressure Test P.C. zone.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED [signature] TITLE Prod. Supt. - So. Rockies DATE August 17, 1982

*(See Instructions and Spaces for Additional Data on Reverse Side)

EXHIBIT B

MKL #16X

MCF @ 15.025 PSIA

Monthly Production Since Jan., 1978

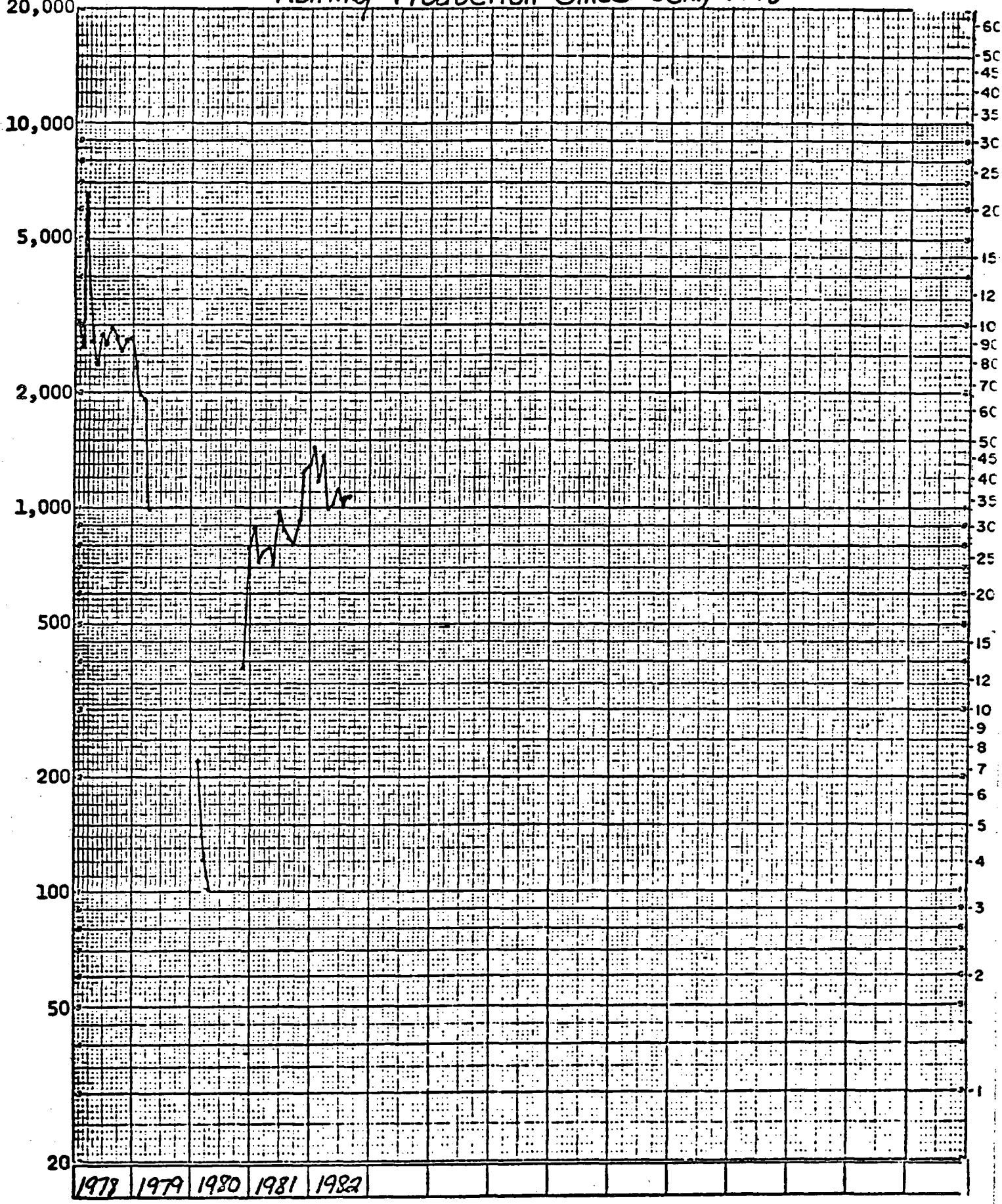


EXHIBIT C

FIELD : So. Blanco Pictured Cliffs
OPERATOR : DEPCO, Inc.
LEASE : MKL
WELL NO. : 16X

(1)

DEPCO, Inc.

PRODUCTION & EXPLORATION

August 25, 1982

New Mexico Department of Energy and Minerals
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: NGPA Section

CERTIFIED MAIL P25 3858354
RETURN RECEIPT REQUESTED

RE: CA-1171
Application for NGPA Infill Finding
18 CFR § 271.305
NM Order No. R-6013-A
MKL No. 16R Well
1250' FSL & 1530' FEL
Section 5-T26N-R7W
Rio Arriba County, New Mexico
Lease No. SF 079 162
API No. 30-039-22917

Gentlemen:

DEPCO, Inc., as operator, has drilled the MKL No. 16R well. Said well was spudded on April 19, 1982 and completed on July 13, 1982 in the South Blanco Pictured Cliffs and Otera Chacra Formations.

The established spacing unit for both the Pictured Cliffs and Chacra Formations is the SE/4 of Section 5-T26N-R7W (160 acres). Said spacing unit is the standard spacing unit size as established by Rule 104 of the Division Rules and Regulations. This well is the second Pictured Cliffs well in the spacing unit. The MKL No. 16X well which was spudded on June 18, 1953 and completed on July 12, 1953 is the other Pictured Cliffs well in said spacing unit.

The MKL No. 16X has been experiencing production problems since 1978. In 1979 remedial work was performed to clean out and repair the casing of this well due to a suspected leak in the casing. Following this remedial work, production from the well was recommenced, but at a much lesser rate than anticipated. Due to this decline in production from the MKL No. 16X well, said well cannot effectively and effeciently drain the portion of the reservoir covered by the proration unit. DEPCO, Inc., as operator, is planning to plug and abandon said well during the last quarter of 1982.

1000 PETROLEUM BUILDING • DENVER, COLORADO 80202 • PHONE 303/292-0980

Enclosed in this Application is the following information:

MKL No. 16X (existing well within proration unit)

1. Production figures on the MKL No. 16X since January 1978 plus a graph of said production
2. Workover Report

MKL No. 16R (new well within proration unit)

3. Form 9-331C - Application for Permit to Drill, Deepen or Plug Back
4. Administrative Order NSL-1473 - Approval of Non-Standard Location
5. Form C-102 - Plat of Proration Unit (Chacra Formation)
6. Form C-102 - Plat of Proration Unit (Pictured Cliffs Formation)
7. Form C-107 - Application for Multiple Completion
8. Waiver for Dual Completion consented to by Bolin Oil Company (offset operator)
9. Form 9-331 - Sundry Notices and Reports on Wells (Fracture Treat, Shoot or Acidize, Multiple Complete)
10. Form 9-330 - Well Completion or Recompletion Report and Log
11. Form C-122 - Multipoint and One Point Back Pressure Test for Gas Well (Pictured Cliffs Formation only)
12. Computer Processed Log (Producing depth only)
13. Compensated Neutron Formation Density Log (Producing depth only)
14. Formation Structure Map of South Blanco Pictured Cliffs Formation

By this application, DEPCO, Inc. requests the MKL No. 16R be found to be necessary to effectively and efficiently drain the portion of the reservoir covered by the proration unit.

All operators of proration on spacing units offsetting the SE/4 of Section 5-T26N-R7W have been notified by certified mail of the "Application for NGPA Infill Finding".

Very truly yours,

DEPCO, Inc.

Steven M. Reed
Manager - Natural Gas Department

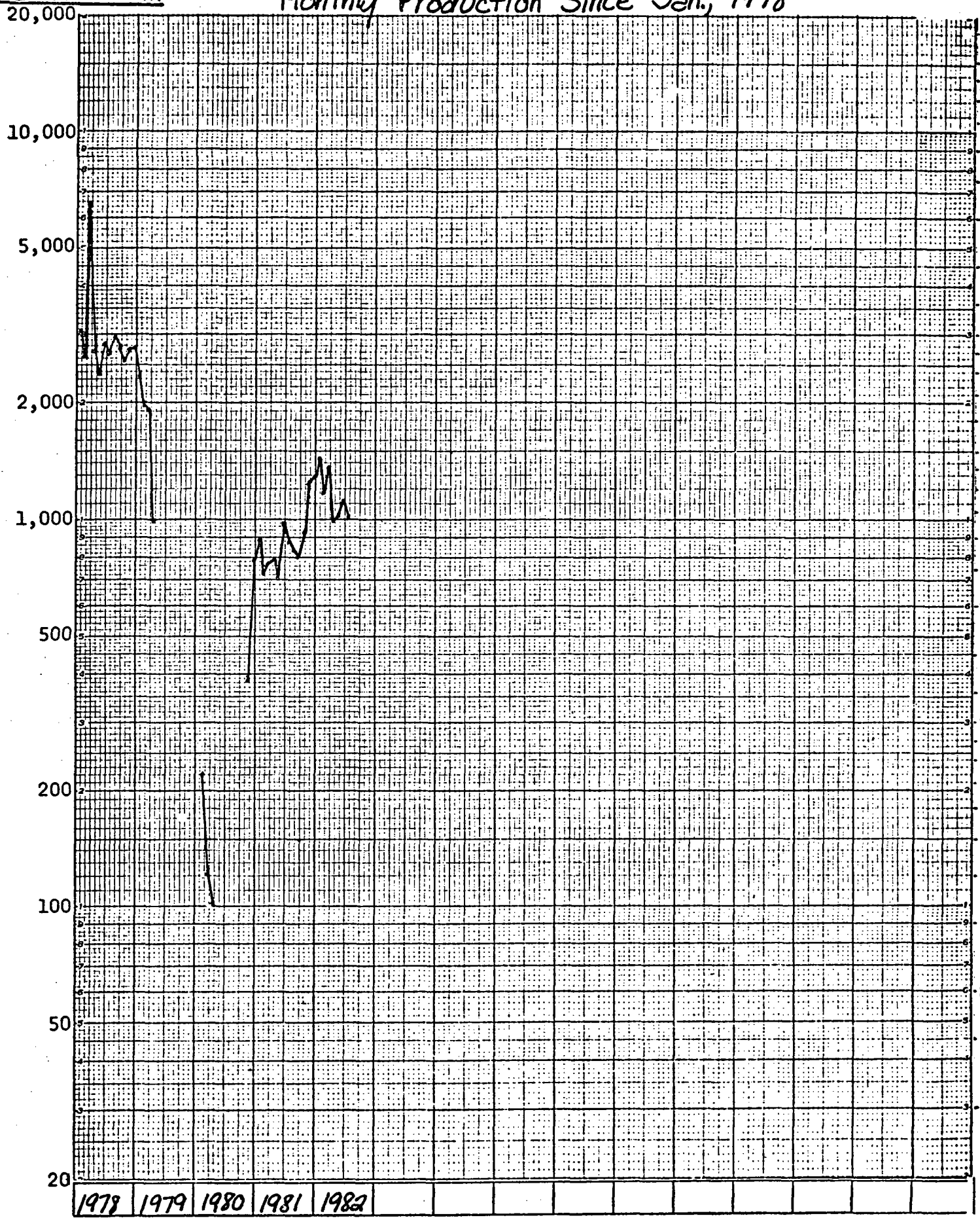
LP/SMR:jea

Enclosures

MKL #16X

MCF @ 15.025 PSIA

Monthly Production Since Jan., 1978



FIELD : So. Blanco Pictured Cliffs
OPERATOR : DEPCO, Inc.
LEASE : MKL
WELL NO. : 16X

(1)

CONTINUED BLANCO PICTURED CLIFFS, SO. (PRO GAS)

WELL S T R		JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	YR-PROD NP	ACCUM.
4D12725N 4W	GAS	1010	655	269	1106	515	116		293	117	68	854	1342	6285	262879
	OIL														202
9M 125N 4W	GAS	551	118	102	372	211	20					148	344	1866	209504
	OIL														153
6P 125N 4W	GAS	418	317	429	189	196	19				9	270	640	2426	129652
	OIL														109
7M1225N 4W	GAS	2449	1037	2356	1626	1104	240	11	448	1194	970	2130	2424	15990	602907
8P 225N 4W	GAS	1314	1217	1115	1296	992	828	720	1057	440	690	1442	979	12050	324767
9M1125N 4W	GAS	1469	1174	1075	968	861	808	617	805	393	967	893	1093	11033	184011
10L 225N 4W	GAS	2825	704	1017	808	2048	1066	1099	740	419	820	857	83	12286	164911
	OIL														938
11P1225N 4W	GAS	751	327	505	391	355	91		71	166	125	577	569	3883	43137
	OIL														40
12C1125N 4W	GAS	2911	938	1837	2405	2611	440	85	75	1343	1131	2147	982	17095	120250
13L 225N 4W	GAS	2109	1926	1605	1945	1341	763	866	1152	721	1612	2125	1931	18014	104544
14C 125N 4W	GAS	939	771	584	570	480	116	77	384	603	560	684	610	6353	27554
	OIL														134
A 15N1125N 4W	GAS	3325	2107	2615	2934	2747	1735	1724	1703	2498	1839	2673	1886	27286	105376
Axl APACHE D															
1A1225N 4W	GAS	1656	1335	1323	1350	1144	1156	770	1695	1299	1049	1488	1259	15522	462599
2A 325N 4W	GAS	1421	1180	999	1147	929	952	594	648	697	843	1164	993	10767	139838
3M 925N 4W	GAS	1952	1364	1544	413	699	969	775	996	1513	1029	1581	1765	14802	177942
4D 925N 4W	GAS	2359	1559	1964	1432	1319	936	179	731	638	708	2264	2115	15901	229171
5R 925N 4W	GAS	2079	1658	1716	1720	1464	1882	1472	1376	1619	1510	2318	2470	21232	212537
6D 425N 4W	GAS	2512	1444	1644	1375	737	464	708	1117	817	642	1624	2474	15778	230078
7M 325N 4W	GAS	2459	2282	1549	2186	1564	249	330	1098	365	1780	1326	2503	17491	183169
8A 425N 4W	GAS	3099	5005	4837	3269			266		289	4533	4390	6907	32594	328628
9P 925N 4W	GAS	926	868	930	1075	555	178	587	841	944	802	1080	1147	9915	91990
10J 325N 4W	GAS	2071	1908	1820	1760	1376	1099	1049	1356	1557	1334	1243	1687	18060	100996
	OIL														17
11L 325N 4W	GAS	877	643	497	513	554	290	314	452	670	546	884	880	7115	44173
12L 425N 4W	GAS	5710	4722	4686	5064	4595	2993	2921	3514	4467	4084	5284	5210	53552	380968
13L 425N 4W	GAS	1556	1145	1496	1379	1153	1146	1032	1196	2029	1098	1606	1573	16608	86967
14N1025N 4W	GAS	717	515	620	596	567	378	452	568	776	817	822	660	7528	40072
15L1025N 4W	GAS	810	672	678	701	654	480	517	756	700	749	971	898	8426	46357
16P1025N 4W	GAS	458	360	255	307	227	60	164	119	219	146	505	534	3354	24266
COMPANY TOTAL	OIL		1										47	48	1849
	GAS	77818	60343	65096	59830	44266	25218	21218	30489	36599	39310	65159	74327	599672	15138802
	WAT		11044	6490										17534	
CONSOLIDATED OIL AND GAS INCORPORATED															
SICARILLA															
3B R26N 5W	GAS	3511	2790	2031	2464	1716	777	1893	3434	41	1996	2538		22691	889592
	OIL														88
4E R26N 5W	GAS	6471	3928	3414	1097	661	1857	3790	3593	2689	1585	4823	5567	39475	1028316
COMPANY TOTAL	OIL														88
	GAS	9982	6218	5445	3561	2377	2634	5683	7027	2730	3581	7361	5567	62166	1917908
COTTON PETROLEUM CORP															
APACHE															
15K1226N 4W	GAS	682	602	735	654	683	685	778	670	640	716	600	706	8151	150167
11P 226N 4W	GAS	530	451	676	562	550	521	517	522	505	535	479	496	6340	93577
12C1326N 4W	GAS	1543	1503	1595	1400	1430	1315	1371	1393	1362	1607		1451	15970	203166
13L1326N 4W	GAS	2648	2076	2622	207	100	2519	2676	2421	2515	2491	317	2216	22608	246685
14E 226N 4W	GAS	1343	1114	1046	1592	1188	1061	1290	1212	1216	1331	1234	1362	14919	142161
15M 426N 4W	GAS	350	341	340	317	310	301	310	307	319	336	288	330	3888	37569
16D 926N 4W	GAS	326	264	278	222	276	240	249	231	227	235	255	340	3143	28214
17I1124N 4W	GAS	1594	1293	1530	1595	1323	1405	1580	1400	1355	1400	1459	1454	17388	124755
18K 226N 4W	GAS	262	236	360	254	246	347	322	303	268	80	522	328	3528	34400
19M 326N 4W	GAS	635	539	615	601	549	544	556	567	528	556	607	542	6839	45318
20B 426N 4W	GAS	995	840	1060	968	1037	924	963	958	882	918	906	980	11431	78013
21J 426N 4W	GAS	321	303	318	314	321	251	263	243	229	273	261	274	3371	31192
22L 926N 4W	GAS	285	256	298	245	273	251	257	256	241	259	254	250	3135	19192
23K1126N 4W	GAS	321	279	414	309	300	278	282	289	279	288	290	292	3611	32164
24A1426N 4W	GAS	5155	4272	1066	4847	4607	5054	4698	4359	4132	4482	4264	4511	51447	390467
25A2426N 4W	GAS							3034	2335	1990			2776	10135	10135
27I2426N 4W	GAS				2985	2894		1626	1629	1430	1328	1186	1131	14209	14209
28K2426N 4W	GAS			1090	12461	9323	8803	6194	4567	3781	3828	2876	3394	55767	55767
29C1426N 4W	GAS	1311	1070	1090	755	694	727	704	284	56	311	387	357	7746	19061
30J 326N 4W	GAS	430	1252	1235	1073	264		711	170	837	174	205	201	6552	24256
KEETON JICARILLA															
1F1226N 4W	GAS		952		866	866	822	861	706	731	824	630	862	8120	136916
COMPANY TOTAL	GAS	18731	17643	16176	32157	27234	26048	29242	24822	23014	21970	16960	24251	278248	1856764
DEPCO INCORPORATED															
BURNS															
1H1526N 7W	GAS	1391	1259	1422	1338	1396	1335	1355	1281	1209	1284	1321	1484	16075	608492
JENKINS															
1C1526N 7W	GAS	1711	1520	1656	1528	1488	1384	1290	1116	1055	1180	1287	1233	16448	658246
X 2K1526N 7W	GAS	423	391	431	421	407	397	398	381	358	389	402	442	4838	194615
3I1526N 7W	GAS	589	544	623	576	492	503	512	502	475	483	559	527	6385	400885
4N1026N 7W	GAS	1257	1132	1229	1224	1192	1135	1151	1119	1178	1212	1261	1205	14297	611852
MKL															
2L 526N 7W	GAS	1742	1184	1268	1016	1249	1306	1069	885	1050	1280	1226	1234	14009	970192
3P 626N 7W	GAS	2123	1922	2181	2016	1926	2103	2035	1550	1173	1855	2579	2223	23686	779417
4B 626N 7W	GAS	2880	2689	2886	2771	2570	3107	3085	2492	2320	2766	2782	3137	33485	1333320
6D 626N 7W	GAS	2257	2096	2107	2104	2011	1855	1870	1459	1082	1637	1890	1945	22313	3439261
7D 826N 7W	GAS	4036	3744	3863	3566	3355	3441	3150	2919	2367	3140	3345	3444	40370	1129838
8I 526N 7W	GAS	4056	3805	4091	3040	3266	3175	3458	2904	1834	2741	4627	4049	40447	1364707
9L 626N 7W	GAS	1816	1445	1748	1508	1405	1626	1925	1453	830	1230	1874	1756	18620	3255785
10D 726N 7W	GAS	1557	1401	1526	1478	1466	1456	1469	1250	938	1367	1580	1559	17071	431198
11M 726N 7W	GAS	2139	1850	2245	554	1425	1510	1563	1158	897	1197	1756	1536	17830	577770
12L 826N 7W	GAS	2039	1688	1977	1773	1805	1700	1784	1254	663	663	1646	1762	18754	2418140
13A 726N 7W	GAS	2665	2093	2380	2057	1915	1841	978	209	932	1412	1987	1998	20467	1978043
14E 526N 7W	GAS	1443	1243	1376	1276	1201	1105	1048	968	1376	1301	1293	1189	14797	802121
15A 526N 7W	GAS	LAST PROD. DATE 07/75												S	236012
X 16P 526N 7W	GAS	897	724	775	795	706	976	879	837	800	931	1240	1270	10830	976936
198 826N 7W	GAS	5908	5246	5753	5491	5116	4767	4523	3755	3962	5823	6447	5966	62753	1792449
COMPANY TOTAL	GAS	40427	35976	39535	34524	34383	34722	33532	26873	24547	31891	39106	37959	413475	23964299
DINE PETROLEUM CORP															
DORTHIT BROWNING															
1J 523N 1W	GAS	270	297	177	99	160	73	72	178	168	145	55	350	2044	304474
J 1O 523N 1W	GAS	969	962	647	450	661	346	299	555	610	536	281	1148	7464	62480
ELLIOTT FEDERAL															
1K 623N 1W	GAS	LAST PROD. DATE 12/77												S	53148
A 1N 623N 1W	GAS	366	317	341	318	343	316	344	340	327	325	297	305	3941	38074
HALL															
1E3325N 3W	GAS	420	378	451	404	414	391	408	400	381	422	364	385	4818	235629
2B2825N 3W	GAS	521	513	486	371	531	399	406	527	507	481	308	642	5692	350182
3E2825N 3W	GAS	240	268	213	165	179	114	178	28	159	247	153	294	2258	210485
4P2125N 3W	GAS	714	901	871	709	804	693	745	846	835	827	685	1030	9660	617788
5E2125N 3W	GAS	663	595	540	432	627	505	833	549	587	587	398	618	6734	273636
HANSON FEDERAL															
1I 623N 1W	GAS	LAST PROD. DATE 05/75												S	309934
2M 623N 1W	GAS	1063	936	964	752	722	864	954	896	1029	672	434	937	10221	588576
PEGGY FEDERAL															
1A 823N 1W	GAS	42	69	64	44	52	44	50	40	95	47	146	43	736	133509
A 1R 823N 1W	GAS	153	211	223	146	200	153	189	154	166	200	161	183	2139	17173
REGINA															
1D1723N 1W	GAS	869	761	858	670	669	845	829	607	638	580	676	672	8654	113854
2F 723N 1W	GAS	932	926	803	744	847	602	785	770	802	748	612	953	9319	129967
6B1424N 1W	GAS	648	579	520	459	733	436	519	514	488	438	484	402	6218	45529
J 6G3424N 1W	GAS	LAST PROD. PRIOR TO 6/73												U	64029
7K3424N 1W	GAS	68	75	60	30	480	34	111	42	78	59	87	97	1221	7276
8D3524N 1W	GAS	792	701	796	709	63	735	740	732	716	684	706	657	8031	85867
COMPANY TOTAL	GAS	8730	8467	8034	6502	7480	6548	7264	7178	7586	6998	5647	8716	89150	3641610
DUGAN PRODUCTION CORPORATION															
ALHADEF															
1M2724N 1W	GAS	PLUGGING APPROVED 1979													690453
R 1N2724N 1W	GAS	2775	1499	3596	2444	903	2429	2096	1874	1722	2157	1721	1951	25567	37601
	WAT	7	7	8	8	2	8	11	8	8	8	5	8	88	
ANDERSON R															
1M3525N 3W	GAS	497	454	502	490	511	466	515	491	477	515	453	603	5974	264210
	WAT	31	28	31	30	31	30	31	31	30	31	30	31	365	
J R ANDERSON															
1J3924N 3W	GAS	556	491	949	539	542	512	505	498	488	509	539	666	6394	333049
	WAT	16	14	16	15	16	15	16	16	15	15	15	16	186	
2A2625N 3W	GAS	310	279	947	334	401	268	236	312	214	183	120	274	3478	132395
	WAT	15	14	15	15	16	12	16	16	15	15	15	16	180	
FARMING D CON															
1N 227N 9W	GAS	LAST PROD. DATE 04/79												S	338812
JICARILLA															
1A 326N 4W	GAS	349	188	370	347	320	275	199	238	184	257	171	230	3128	170585
	WAT	9	8	9	8	9	7	8	8	7	7	7	8	95	
L AND M STATE															
1G1625N 6W	GAS	PLUGGING APPROVED 1975													48958
MEXICO FEDERAL M															
1D3425N 3W	GAS	388	350	379	377	392	363	404	361	379	391	341	457	4582	158094

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WELL	S	T	R		JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	YR-PROD MP	ACCUM.
STATE C COM																		
2358162GN 6W				GAS	LAST PROD. DATE 10/79													8326.3
R235A162GN 6W				GAS	2467	4580	3117	2575	2976	1212	410	2195	1029	2090	3920	2459	29030 U	50206
COMPANY TOTAL				OIL														3062
				GAS	260680	278623	230064	220567	204751	96234	50463	86077	119829	170842	297940	217392	2233462	62738313
JACK A COLE																		
BURRO CANYON																		
101624N 4W				GAS	272	340	336	287	251	355	304	275	260	305	255	238	3478	32622
2H2124N 4W				GAS	269	317	359	279	336	331	291	274	291	281	208	235	3471	33447
COMPANY TOTAL				GAS	541	657	695	566	587	686	595	549	551	586	463	473	6949	66069
CONOCO, INC.																		
AXI APACHE J																		
1D 525N 5W				GAS	3001	2432	1625	1296	919	288		624	60	561	2550	2417	15773	1467164
2P 525N 5W				GAS	1782	1708	1302	1441	947	424	40	664	111	670	2028	1829	12946	919822
3E 625N 5W				GAS	1063	877	1160	984	770	223		718	205	707	1233	854	8794	396665
5D 725N 5W				GAS	529	551	434	325	113	70	3	107	5	93	737	545	3512	192017
6P 725N 5W				GAS	811	548	869	696	722	169	1	534	142	721	1344	838	7395	261043
7D 825N 5W				GAS	857	762	718	638	708	172	51	351	200	357	750	559	6163	229992
8P 825N 5W				GAS	417	438	293	266	314	127	36	251	114	240	597	340	3393	122689
9D 625N 5W				GAS	45	57	57	18	14	11	9	42	2	41	80	15	371	62061
10A 525N 5W				GAS	1161	978	1014	932	792	486	302	983	562	803	1309	1045	10467	509871
11A 625N 5W				GAS	971	811	712	426	539	271	9	392	164	288	941	697	6221	210919
12K 525N 5W				GAS	810	958	980	909	919	357	57	725	354	606	946	731	8352	150171
27G 825N 5W				GAS	973	995	823	717	582	150	152	537	255	122	1654	1308	8268	53692
28N 725N 5W				GAS	4793	4735	3308	3417	3411	2103	670	3058	1538	2709	4884	3498	38128	1295921
29A 725N 5W				GAS	731	860	825	815	612	176	154	783	65	624	799	538	6982	30339
AXI APACHE K																		
2B 426N 5W				GAS	ZONE ABANDONED													159547
3A 926N 5W				GAS	954	1032	896	945	792	478	79	751	475	669	1080	1016	9167	342632
4M 326N 5W				GAS	400	412	406	417	351	371	211	494	351	368	477	358	4614	129321
				OIL	2									9	3	213	227 T	298
5H1026N 5W				GAS	LAST PROD. DATE 06/76													197217
				OIL														124
AXI APACHE L																		
1M3625N 4W				GAS	1124	979	879	1037	1025	726	74	1079	649	804	1056	1355	10787	576400
2A3625N 4W				GAS	761	660	447	199	746	650	130	718	367	507	779	1807	7721	317403
3M3525N 4W				GAS	686	790	149	674	492	299	20		15	588	605	878	5196	378628
4M2625N 4W				GAS	1345	1081	698	1322	763	1135	338	1028	391	1044	1605	1441	12191	430834
5A2625N 4W				GAS	857	426	646	526	619	456		454	211	391	984	971	6541	734057
6A2525N 4W				GAS	295	159	63	78	194	67		62	7	146	598	271	1940	83661
AXI APACHE M																		
1M2325N 4W				GAS	810	543	689	528	615	434	114	533	139	349	1132	888	6774	228923
3A1325N 4W				GAS	615	253	1188	440	766	312		293	145	480	1441	1804	7936	372884
4I2425N 4W				GAS	761	234	304	375	528	331		235		231	872	872	4768	253134
5A1425N 4W				GAS	980	830	802	1029	903	756	437	989	617	707	1651	1059	10760	113594
AXI APACHE N																		
1A1125N 4W				GAS	2292	1937	1591	1261	1115	414							8610	954400
				OIL														7
3A1225N 4W				GAS	1610	1193	1088	1070	814			695	95	395	2611	1956	11527	390061
4D1225N 4W				GAS	701	1092	544	522	739	240		113		580	1719	1059	7309	256594
				OIL		198										1	199	202
5M 125N 4W				GAS	534	998	483	480	318	116		9		93	690	364	3685	207639
				OIL										153			153	153
6P 125N 4W				GAS	459	471	338	397	208						48	282	2203	127226
				OIL											109		109	109
7M1225N 4W				GAS	2088	2544	1901	1710	1593	527	27	431	587	1804	3096	2785	19093	586913
8P 225N 4W				GAS	1487	1458	1567	1421	1282	347	350	1156	779	872	1347	1165	13231	312692
9D1125N 4W				GAS	1549	1578	1335	1554	1205	996	781	1256	919	1023	1776	1219	15191	174978
10L 225N 4W				GAS	2911	1980	536	2153	1576	1355	2314	355	273			2016	15469	152625
				OIL														908
11P1225N 4W				GAS	388	128	465	512	552	380		394	202	253	816	875	4965	39254
				OIL														40
12C1125N 4W				GAS	3448	4955	3012	2734	2507			1446	1364	1701	3266	4128	28561	103155
13G 225N 4W				GAS	2350	1863	2089	1897	1822	116	901	1774	1110	1774	2210	1812	19718	86550
14C 125N 4W				GAS	885	221	538	563	860	387		419	722	731	910	843	7079	21201
				OIL	154												154	154
A 1501125N 4W				GAS	6184	5423	4247	4988	4253	2627	2992	4140	3063	3529	4616	3703	49665	78090
AXI APACHE O																		
1A1025N 4W				GAS	1783	2241	1705	1102	1350	935	365	1304	1035	1121	1460	1565	15966	447077
2D 325N 4W				GAS	1400	1130	1130	1052	1214	181	465	1085	775	1148	1806	1367	12743	129071
3M 925N 4W				GAS	1923	974	439	1755	1537	1394	1015	1300	1063	1548	2240	1515	16203	313140
4D 925N 4W				GAS	2259	1853	2175	2681	2246	1671	1132	2147	759	1713	2683	2500	23819	212370
5B 925N 4W				GAS	2830	2574	2128	2215	2093	1489	851	2150	1620	1646	2636	2150	24382	191300
6D 425N 4W				GAS	2553	2428	1320	2156	1837	1136	722	1719	1510	1584	2398	2226	21589	214300
7H 325N 4W				GAS	2764	2704	2215	2045	1542	210	1411	1175	1295	1747	2529	2456	22093	165478
8A 425N 4W				GAS	4816	4959	3421	3703	3381	2188	2576	3589	1738	3340	4422		38133	296034
9P 925N 4W				GAS	1294	1211	956	1287	1099	711	718	1151	791	1073	1055	897	12243	82075
10J 325N 4W				GAS	2114	2162	1379	2245	1825	687	1239	1875	1344	1538	1925	1969	20302	82936
				OIL														17
11L 325N 4W				GAS	1100	986	543	829	672	405	276	857	411	1007	1082	854	9022	370S8
12L 425N 4W				GAS	7352	7112	5502	5904	5486	3748	2539	5357	4293	5425	6593	5796	65107	327396
13I 425N 4W				GAS	2164	2000	1331	1882	1559	1339	1085	1786	1164	1459	1563	1514	18846	70559
14N1025N 4W				GAS	877	891	599	706	701	469	403	850	492	659	894	764	8305	32544
15I1025N 4W				GAS	1075	1067	655	753	720	530	408	933	483	731	896	773	9024	37931
16O1025N 4W				GAS	568	26	1538	1512	769	426	189	578	349	488	527	523	7493	20912
COMPANY TOTAL				OIL	156	198								162	112	214	842	2012
				GAS	91290	83868	68157	73429	66031	36066	25646	56648	35380	53808	89735	77010	757068	14539130
CONSOLIDATED OIL AND GAS INCORPORATED																		
JICARILLA																		
3B 826N 5W				GAS	3336	2425	1855	2775	3110	2639	2506	2132	1972	3536	3556	2287	32130	866901
				OIL														86
4E 826N 5W				GAS	7175	4723	5441	3621	4031	4226	451		2061		159	8353	40241	988841
COMPANY TOTAL				OIL														86
				GAS	10511	7148	7296	6397	7141	6865	2957	2132	4033	3536	3715	10640	72371	1855742
COTTON PETROLEUM CORP																		
APACHE																		
10K1224N 4W				GAS	736	694	746	696	723	708	733	722	695	743	657	682	8535	142016
11P 224N 4W				GAS	574	521	643	649	598	578	604	578	562	558	606	550	7021	87237
12C1324N 4W				GAS	1513	1466	1453	1478	1400	1551	1524	1402	1380	1397	1260	1416	17240	187106
13I1324N 4W				GAS	2291	2179	2261	2266	1790	1630	1313	2144	323	2526	2154	2334	23011	224027
14I 324N 4W				GAS	1381	1036	1501	1031	1009	774	1055	1085	1138	1144	1227	1236	13905	127242
15M 424N 4W				GAS	368	295	374	268	141	414	368	323	317	319	276	380	3863	33531
16O 924N 4W				GAS	325	315	376	316	275	180	139	449	338	321	253	241	3528	25071
17I1124N 4W				GAS	1234	1378	1268	1640	1329	1531	1762	1326	1380	1398	1464	1433	17143	107367
18K 224N 4W				GAS	395	322	337	470	391	332	334	366	323	323	328	299	4270	30872
19M 324N 4W				GAS	755	708	1169	723	698	649	657	630	601	600	558	610	8358	38479
20B 424N 4W				GAS	1175	1046	680	1136	972	1097	1169	1067	1015	1050	1020	1060	12487	86582
21J 424N 4W				GAS	493	378	380	526	502	446	403	343	337	308	302	326	4851	27821
22L 924N 4W				GAS	370	363	363	286	499	440	349	312	296	323	279	290	4170	16057
23K1124N 4W				GAS	856	433	267	396	414	361	345	312	358	336	335	352	4765	28553
24A1424N 4W				GAS	6766	4594	4268	5951	4848	5653	5432	5447	5260	4927	3857	5490	64693	278600
29C1424N 4W				GAS							2065	255	3849	1837	1827	1482	11315	11315
30J 324N 4W				GAS					2064	1826	1123	312	359	7099	2755	2166	17704	17704
KEETON JICARILLA																		
1E1224N 4W				GAS	856	693	813	960	812	773	865	827		730			7329	128796
COMPANY TOTAL				GAS	20088	16421	16899	18792	16472	16993	20250	18010	18551	25939	19158	20545	234118	1579516
DEPCO INCORPORATED																		
BURNS																		
1H1526N 7W				GAS	1450	1339	1441	1399	1380	1030	1099	1143	1276	1338	1399	1442	15736	592417
JENKINS																		
1C1526N 7W				GAS	1552	1383	1766	1654	1658	1118	1408	1379	1601	1627	1655	1758	18509	641798
X 2K1526N 7W				GAS	434	410	448	436	440	411	384	370	383	399	408	413	4956	189777
3I1526N 7W				GAS	712	658	661	646	578	982	518	526	530	473	506	604	6994	396500
4N1026N 7W				GAS	1285	1280	1387	1206	1265	797	1125	1418	1130	1238	1211	1312	14654	597555
RKL																		
2L 526N 7W				GAS	1392	1258	1417	1282	1195	952	977	1231	1017	1035	1287	1316	14359	956183
3P 626N 7W				GAS	2285	2210	2380	2299	2289	1529	996	1009	858	1504	1983	2180	21422	755751
4B 626N 7W				GAS	3011	2766	3379	3000	2616	2022	2031	2314	2376	2581	2911	2959	31986	1299835
6D 626N 7W				GAS	2344	1984	2262	2093	1907	1189	870	913	1172	1579	2317	2371	21001	1416944
7D 826N 7W				GAS	3367	3142	3652	3140	3185	2167	2005	2228	2737	3140	3303	3757	36218	1097468
8I 726N 7W				GAS	2715	3931	4588	2949	2273	1663	1670	1567	1793	2447	3906	4291	33493	1324260
9L 626N 7W				GAS	1396	1374	1408	1315	1383	1056	644	338	512	962	1822	1699	13989	3237165
10D 726N 7W				GAS	1454	1317	1533	1333	1366	1022	748	817	1006	1235	1614	1642	15147	421127
11M 726N 7W				GAS	2135	1935	2081	1974	1981	1792	1583	1233	1872	2141	2179	2144	23050	559940
12L 826N 7W				GAS	1259	1228	1380	1224	1084	855	539	619	681	1087	1671	1942	13569	2399186
13A 726N 7W				GAS	1259	1149	2082	1444	1193	970	455	627	843	1365	2273	2435	16095	1995576
14E 526N 7W				GAS	1130	1369	1349	1389	1324	1185	1277	1239	1397	1376	1376	1413	15812 S	786172
15A 926N 7W				GAS	LAST PROD. DATE 07/75													238012
X 16P 526N 7W				GAS		220	121	103							384	796	1624	984106
19B 826N 7W				GAS	5219	4647	4943	4848	4561	3868	3120	2924	2889	5041	6343	6137	54760	1729696
COMPANY TOTAL				GAS	34389	33680	38358	33734	31678	24203	20949	21845	24073	30768	39006	40811	373494	23550824
DUGAN PRODUCTION CORPORATION																		
ALMAGRE																		
1M27Z4N 1W				GAS	PLUGGING APPROVED 1979													690493

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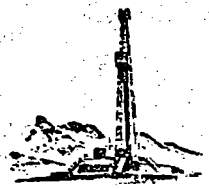
WELL	S	T	R		JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	YR-PROD	MP	ACCUM.
29A	12	25N	5W	GAS	1389	1134	548	746	731		860	833	818	841	915	976	10191		23357
#X1 APACHE K																			
2B	4	26N	5W	GAS	LAST PROD. DATE 12/76													T	159547
3A	5	26N	5W	GAS	1276	1188	1075	1195	1147	1084	894	828	1025	901	1029	966	12608		333465
4N	8	26N	5W	GAS	392	380	330	375	501	473	415	415	448	420	449	365	4963		114705
				OIL								25	17	26		3	71		71
				GAS	LAST PROD. DATE 06/76													T	197217
5M	1	C26N	5W	OIL															124
#X1 APACHE L																			
1M	3	25N	4W	GAS	1787	991	836	1109	1374	1129	824	858	987	866	1051	1141	12993		565613
2A	3	25N	4W	GAS	1038	1355	486	694	745	633	563	593	600	417	594	634	8352		303072
3M	3	25N	4W	GAS		326	78						48			948	1400		373232
4M	2	25N	4W	GAS	1041	1285	1258	239	1003	886	893	577	746	606	949	1002	10525		418643
5A	2	25N	4W	GAS	643	816	671	745	817	786	588	509	638	530	783	1019	8745		227516
6A	2	25N	4W	GAS	200	180	144	84	25	99	95	31	159	94	252	300	1663		81721
#X1 APACHE M																			
1M	2	25N	4W	GAS	1275	1183	845	566	492	541	351	325	526	493	289	1006	7892		222149
3A	1	25N	4W	GAS	932	565	937	843	654	691	633	554	600	500	431	847	8287		364948
4I	24	25N	4W	GAS	1037	610	458	301	486	582	223	115	587	440	409	671	5919		268445
5A	1	25N	4W	GAS	1374	1158	1393	1319	1016	1119	1108	904	901	656	890	1163	13031		102834
#X1 APACHE N																			
1A	1	25N	4W	GAS	1874	2638	2663	2629	1997	1429	925	1095	1371	1078	2152	2118	21969		945796
				OIL															7
3A	1	25N	4W	GAS	1811	1859	1557	1411	1083	1130	925	826	1511	832	1782	1672	16399		278534
4D	1	25N	4W	GAS	1100	335	916	964	751	447	399	86	814	552	1101	969	8434		249288
				OIL											3		3		3
5M	1	25N	4W	GAS	619	432	883	372	313	166	43	92	140	92	521	530	4203		203954
6P	1	25N	4W	GAS	679		948	616	433	316	249	238	559	233	593	482	5346		125023
TM	1	25N	4W	GAS	4855	3417	2940	2116	2358	2378	2013	1857	2253	1338	2408	2492	30425		567820
8P	2	25N	4W	GAS	1981	1763	1572	1413	1216	1478	1083	1241	1515	1309	1506	1597	17674		299461
9C	1	25N	4W	GAS	1934	1573	1424	1679	1310	1396	1438	1278	1302	1110	282	2381	17107		159787
10L	2	25N	4W	GAS	4266	3305	2406	3384	2683	1403	69	2570	3332	1528		838	25784		137156
				OIL	25	36	43	61	22	34	60	50					331		908
				WAT	25	36	43	61	22	34	60	50					331		
11P	1	25N	4W	GAS	1036	1066	712	473	461	776	330	309	571	450	853	713	7747		34289
				OIL															40
12C	1	25N	4W	GAS	4584	3490	2526	1408	1741	1910	1334	741	2045	829	1337	1852	23797		74594
13G	2	25N	4W	GAS	2417	2478	1818	1144	1966	3166	2369	2185	2341	2124	1855	2502	26465		66832
14C	1	25N	4W	GAS	1035	905	1331	558	1021	932	816	869	731	574	710	567	10049		14122
A 15C	1	25N	4W	GAS										12417	8672	7336	28425		28425
#X1 APACHE O																			
1A	1	C25N	4W	GAS	1766	1369	1442	1211	1395	1199	1287	1317	1192	1225	1234	1463	16100		431111
2D	1	25N	4W	GAS	1701	1398	1817	1361	1430	1333	1215	1178	1558	1263	1424	1582	17260		116328
3M	1	25N	4W	GAS	2453	2394	1680	1963	1978	2148	1843	1740	1630	1849	1627	1583	22888		146537
4D	1	25N	4W	GAS	2421	2635	2342	2748	2492	2538	2539	2248	2670	2070	1559	2616	29372		188551
5B	1	25N	4W	GAS	2775	2678	2092	2590	2303	2395	1935	2225	2348	2223	1754	1870	27188		166918
6O	1	25N	4W	GAS	2529	2750	2237	2252	2062	2071	2144	2125	2116	1884	3815	3012	29397		192711
7M	1	25N	4W	GAS	3619	2733	1456	3296	2575	2607	2394	2247	2719	2330	2216	2709	30901		143385
8A	1	25N	4W	GAS	3744	2976	286	5557	2593	3509	3202	3081	2378	3420	2517	3985	40898		257402
9P	1	25N	4W	GAS	1581	1313	1571	1581	1358	1559	1180	1141	1503	1225	1166	1365	16508		698332
10J	1	25N	4W	GAS	2402	2645	1671	1653	2340	2160	2110	2087	1760	2260	1888	2057	25033		62634
				OIL								17					17		17
11L	1	25N	4W	GAS	1507	1402	952	1089	1101	1061	939	839	935	796	761	965	12347		28036
12L	1	25N	4W	GAS	8461	8015	6781	6274	7612	6753	6387	6072	6622	6080	9685	8079	82821		262289
13I	1	25N	4W	GAS	2334	2091	472	2449	1878	1778	1120	1553	1555	1497	1257	1804	19788		51713
14N	1	G25N	4W	GAS	1012	830	773	746	1036	979	954	900	1080	938	982	859	11089		24239
15I	1	C25N	4W	GAS	1037	914	776	906	971	1156	988	961	1245	1176	1137	10.4	12321		28907
16O	1	G26N	4W	GAS	1044	1024	611	791	645	651	355	192	549	280	107	569	6818		13419
COMPANY TOTAL				OIL	25	36	43	61	22	34	60	92	17	26	3	10	429		1170
				GAS	114840	95981	73663	81208	72537	73689	61580	60973	72274	72849	72553	92253	944400		13782062
				WAT	25	36	43	61	22	34	60	50					331		
CONSOLIDATED OIL AND GAS INCORPORATED																			
JICARILLA																			
3B	8	26N	5W	GAS	2919	5027	4940	2950	2197		3481	2542	3114	3819	4467	3399	38855		834771
				OIL															86
4E	8	26N	5W	GAS	4528	6184	3236	4335	2988	1395	1038		2942	7097		8698	42441		94860
COMPANY TOTAL				OIL															86
				GAS	7447	11211	8176	7285	5185	1395	4519	2542	6056	10916	4467	12097	81296		1783371
COTTON PETROLEUM CORP																			
APACHE																			
10K	1	24N	4W	GAS	819	744	777	781	878	728	736	779	764	694	728	757	9185		133481
11P	1	24N	4W	GAS	652	664	720	620	626	620	641	636	625	646	587	593	7630		80216
12C	1	24N	4W	GAS	1415	1250	1565	1637	1555	1446	1689	1521	1499	1418	1726	1594	18345		169956
13I	1	24N	4W	GAS	2259	2666	2624	2286	2257	2139	2298	2387	2285	425	1814	3211	26651		201066
14E	1	24N	4W	GAS	1283	1729	1825	1426	1534	1560	1254	1220	1462	1214	1305	1283	17095		113337
15N	1	24N	4W	GAS	449	437	446	426	397	375	374	368	365	367	341	366	4711		25688
16D	1	24N	4W	GAS	327	272	333	308	310	288	285	284	264	258	295	330	3554		21543
17I	1	24N	4W	GAS	1868	1824	1637	1699	1559	1455	1862	1935	1499	1418	1368	1362	19486		90224
18K	1	24N	4W	GAS	754	665	609	596	519	466	536		436	425	434	433	5873		30121
19M	1	24N	4W	GAS	1186	1157	450	472	807	1564	863	744	915	473	808	779	10418		54095
20B	1	24N	4W	GAS	1713	1733	1732	1459	1175	952	1430	1352	1226	1390	1268	1244	16714		22970
21J	1	24N	4W	GAS	861	670	740	876	564	713	784	523	569	504	438	341	7583		11887
22L	1	24N	4W	GAS	536	466	571	525	492	464	505	429	380	384	433	493	5678		23788
23K	1	24N	4W	GAS	770	651	623	615	470	565	548	590	443	456	478	464	6673		213907
24A	1	24N	4W	GAS	5303	6731	7008	8204	8348	7604	6783	7122	5575	7044	7123	7114	87959		
KEETCH JICARILLA																			
1E	1	24N	4W	GAS			854	806	979	868	771						4278	U	121467
COMPANY TOTAL				GAS	24195	21699	22544	22936	22470	21807	21359	19890	18307	17116	19146	20364	251833		1344398
CEPCO INCORPORATED																			
BURNS																			
1K	1	26N	7W	GAS	1487	1303	1504	1401	1451	1378	1333	1256	1245	1421	1439	1453	16671		576681
JENKINS																			
1C	1	26N	7W	GAS	1617	1398	1826	1702	1805	1691	1509	1704	1782	1765	1648	1598	20045		623289
X 2K	1	26N	7W	GAS	440	394	473	460	453	434	431	434	431	415	439	434	5238		184821
3I	1	26N	7W	GAS	819	737	788	706	674	667	676	722	694	660	669	720	8532		587506
4N	1	26N	7W	GAS	1273	1109	1312	1238	1338	1289	1297	1270	1225	1298	1323	1334	15306		582901
PKL																			
2L	8	26N	7W	GAS	1337	1241	1420	1304	1404	1361	1274	1390	1338	1418	1340	1310	16137		941824
3P	8	26N	7W	GAS	2353	1980	2279	2071	2095	2088	1925	1734	1945	NONE	2195	2227	24989		734229
4B	8	26N	7W	GAS	2940	3033	3394	2577	3024	792	2343	3118	2906	3290	3241	3251	33909		1267849
6D	8	26N	7W	GAS	2939	2188	2203	2028	2225	2101	2016	2092	2080	2232	2148	2103	25955		3395947
7G	8	26N	7W	GAS	3523	3331	3394	3242	1977			3267	3457	3984	3611	3605	33391		1053230
8I	8	26N	7W	GAS	4049	2745	2810	3489	3409	3549	3117	3592	3447	4283	4424	4582	43496		1290767
9L	8	26N	7W	GAS	1927	1747	1954	1284	1879	1757	1480	1651	1585	1873	1872	1825	20832		3223176
10B	8	26N	7W	GAS	1506	1322	1394	1383	1435	1430	1350	1326	1440	1467	1427	1453	16933		405980
11M	8	26N	7W	GAS	2205	1967	2099	2011	2052	2076	2077	2096	2148	2189	2140	2149	25189		536890
12L	8	26N	7W	GAS	1936	1670	1316	993	1504	1780	1468	1552	1463	1868	1713	1676	19139		2385817
13A	8	26N	7W	GAS	2072	1928	1722	1473	1977	2292	1797	1907	1863	2145	1561	1856	22993		1941481
14E	8	26N	7W	GAS	1477	1173	1222	1206	1700	1455	1340	1224	1189	1190	1148	1152	15467		771512
15A	8	26N	7W	GAS	LAST PROD. DATE 07/75													S	234012
X 16P	8	26N	7W	GAS	2345	1979	1904	998									7226		962482
16B	8	26N	7W	GAS	6015	5305	4769	5301	3038			4231	4892	5174	5212	5219	50147		1674936
COMPANY TOTAL				GAS	41860	36730	38776	34867	33440	26136	25433	34566	35121	38769	37950	37947	421595		23177330
DUGAN PRODUCTION CORPORATION																			
ALMAGRE																		U	690453
1M	2	24N	1W	GAS	LAST PROD. PRIOR TO 6/73														
ANDERSON B																			
1M	33	25N	3W	GAS	506	478	520	480	541	512	531	530	527	529	489	500	6143		252468
				WAT	31	28	31	30	31	30	31	31	30	31	30	31	365		
J R ANDERSON																			
1J	33	25N	3W	GAS	638	598	616	578	629	609	633	613	616	613	579	575	7257		320138
				WAT	15	14	15	15	15	15	15	15	15	15	15	16	180		
2A	26	25N	3W	GAS	422	297	268	409	476	405	317	387	437	362	477	446	4703		124295
				WAT	15	14	15	15	15	15	15	15	15	15	15	16	180		
BARNING C COM																			
1M	2	27N	9W	GAS	304	208	20	29									561		338812
JICARILLA																			
1A	1	24N	4W	GAS	107	247	281	281	368	169	173	181	322	380	439	336	3304		164418
				WAT	8	8	5	7	8	8	8	8	8	8	8	8	92		
L AND P STATE																			
1G	16	25N	6W	GAS														X	48958
MEXICO FEDERAL M																			
1D	34	25N	3W	GAS	428	450	476	434	443	425	426	437	420	432	415	420	5206		148766
COMPANY TOTAL				GAS	2405	2238	2181	2211	2477	2120	2080	2148	2322	2316	2399	2217	27174		2088308
				WAT	69	64	66	67	69	68	69	69	68	69	68	71	817		
CYNA RAY OIL AND GAS CO., INC.																			
ABRAHAM FEDERAL																			113652
1L	2	24N	1W	GAS	PLUGGING APPROVED 1970														
HILL ABRAHAM																			201604
1M	24	24N	2W	GAS	PLUGGING APPROVED 1970														
JICARILLA B 1																			378
2J	22	23N	2W	GAS	PLUGGING APPROVED 1970														
JICARILLA E 1																			22820
3M	12	23N	2W	GAS	PLUGGING APPROVED 1970														

(1)

1978 @ 15.025

WELL S T #		JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	YR-PROD MP	ACCUM.
3A 926N 5W	GAS	1007	991	872	871	956	1031	866	980	842	1009	867	848	11139	322857
4M 926N 5W	GAS	363	413	366	435	452	466	636	577	476	483	519	436	5615 Y	109742
SW1026N 5W	GAS	LAST PRCD. DATE 06/76													197217
	CIL														124
AXI APACHE L															
1M3625N 4W	GAS	511	943	982	1045	1119	1187	973	1189	850	1054	1443	868	12164	557627
2A3625N 4W	GAS	166	788	847	229	666	679	909	792	651	679	842	521	7349	294720
3M3525N 4W	GAS	315	43						38	115				511	371832
4M2625N 4W	GAS	485	154		266	668	2523	272	317	1038	528	2367	1975	10593	408118
5A2635N 4W	GAS	350	146	582	479	604	551	516	591	455	499	896	662	6521	218771
6A3525N 4W	GAS	22	242	141	31	33	22		28	119	132	331	286	1387	80058
AXI APACHE M															
1M2325N 4W	GAS	180	290	525	274	158	144	10	171	201	233	218	481	2885	214257
3A1325N 4W	GAS	16	490	570	240	207	172	59	476	544	519	718	482	4493	356461
4I2425N 4W	GAS	178	658	399	151	230				99	36	201	167	2719	242526
5A1425N 4W	GAS	1656	1601	1347	1749	1704	1942	1385	1709	1394	1712	1936	1397	19132	89833
AXI APACHE N															
1A1125N 4W	GAS	430	2252	1494	840	347	213	110	122	700	122	1766	852	9248	923921
3A1225N 4W	GAS	181	1495	1148	786	604	573	249	804	1071	915	2036	2051	11913	362135
4D1125N 4W	GAS	57	971	492	556	458	338	34	94	311	56	1319	1164	5451	240951
5M1125N 4W	GAS		53		46	75						219	417	772	199751
6P 125N 4W	GAS	159	935	413	302	293	265				5		808	2780	119677
7M1225N 4W	GAS	237	3571	1705	1178	1661	960	480	141	2203	2650	2040	2804	19630	537395
8P 525N 4W	GAS	739	1380	1760	1192	768	1266	851	1145	1208	1211	1766	1705	14991	281787
9C1125N 4W	GAS	1288	1594	1248	1436	1177	1339	1259	1388	1257	1084	1783	1547	16404	142680
10L 225N 4W	GAS	2577	1851	856	1639	2063	350	2290	2706	2176	2634	2380	4263	25785	111372
	OIL	22	21	35	46	26	18	45	27	45	42	33	23	383	577
	WAT	66	21	35	46	26	18	45	27	45	42	33	23	427	
11P1225N 4W	GAS	596	956	986	782	574	398	170	911	764	1036	1173	876	9262	26542
	OIL														40
12C1125N 4W	GAS	5648	5723	5878	5324	3918	5236	1739	427	1081	406	2893	3849	42122	50729
13G 225N 4W	GAS	4777	3193	3494	2794	2811	2373	2487	1866	2925	2168	3096	2824	34408	40367
14C 125N 4W	GAS		268		810	142		116	249	92		420	858	2955	4073
AXI APACHE O															
1A1C25N 4W	GAS	1284	759	1206	1503	1362	1529	1226	1406	1103	1182	1652	1087	15299	415011
2D 325N 4W	GAS	690	1012	2171	1922	1672	1487	1136	1362	1344	1329	2418	1239	17782	99068
3N 925N 4W	GAS	1744	2318	2035	1998	1399	2281	1680	1610	1580	1544	2739	2259	23187	123649
4D 925N 4W	GAS	2515	2706	2358	2413	2268	2056	2454	2280	2174	2259	2117	2419	28081	159179
5B 825N 4W	GAS	2068	2143	2938	2886	2090	2792	2133	2307	2640	2531	2518	2717	30163	189730
6D 425N 4W	GAS	2160	2778	2357	2412	2477	2637	1710	1986	1914	2131	2782	2569	27893	163314
7M 325N 4W	GAS	2443	1471	4061	3141	2769	3089	2475	1658		2839	2417	1589	29012	117456
8A 425N 4W	GAS	6323	5106	6143	6649	6537	4372	8221	8201	5125	7186	6136	3337	73336	217003
9P 925N 4W	GAS	1431	1262	1339	1647	1512	1484	1236	1286	1209	1043	1357	1028	15834	53324
10J 325N 4W	GAS	5360	5861	3315	3679	2747	3171	2271	2279	1587	2329	2257	2645	37601	37601
11L 325N 4W	GAS	527	1516		801	472	279	733		62			877	5267	15689
12L 425N 4W	GAS	17498	13538	10627	10010	8998	9760	7010	7735	6886	7649	9024	8354	117089	179448
13I 425N 4W	GAS	1418		2970	2855	2722	2493	1650		308		639	2690	17785	31925
14N1025N 4W	GAS	1881	1315	1258	1290	1171	868	1030	937	890	823	871	783	13117	13150
15I1025N 4W	GAS	461	4156	1440	3042			746					875	10698	16586
16C1025N 4W	GAS		222			251			90			68	623	1254	6601
COMPANY TOTAL	OIL	22	21	35	46	26	18	45	27	45	42	33	23	383	741
	GAS	79474	90466	83192	88932	80193	89346	69656	61503	64142	72483	103775	107107	990469	12899877
	WAT	66	21	35	46	26	18	45	27	45	42	33	23	427	
CCTTON PETRCLEUM CCRP															
APACHE															
10K1224N 4W	GAS	865	786	902	857	862	854	856	885	841	840	819	800	10167	124296
11P 224N 4W	GAS	746	628	732	727	742	667	691	716	695	644	647	644	8301	32586
12C1324N 4W	GAS	1750	1541	1653	1563	1303	1849	1561	1506	1422	1664	1465	1464	18741	151611
13I1324N 4W	GAS	2997	2547	2613	2413	2306	3322	2780	2691	2413	2399	2133	2099	30713	174418
14E 324N 4W	GAS	2337	2012	2227	1899	2276	1903	1676	1596	1519	1326	1426	1407	21604	96242
15M 424N 4W	GAS	630	519	578	518	505	477	454	519	437	433	413	415	5899	24977
16D 924N 4W	GAS	400	354	404	376	366	353	353	353	328	334	321	317	4259	17989
17I1124N 4W	GAS	2232	1812	2076	2617	1967	2634	2178	1830	1674	1570	1544	1478	23602	70738
18K 224N 4W	GAS	1591			1501	1657	2659	1031	909	787	777	708	705	12325	20779
19M 324N 4W	GAS				3974	3929	2659	2061	1739	1502	1402	1235	1202	19703	19703
20B 424N 4W	GAS	3674			4459	4607	3613	2115	2025	2130	1843	1790	1732	27988	37381
21J 424N 4W	GAS				3737	3850	2001	1548	1376	952	824	581	518	15387	15387
22L 924N 4W	GAS							1636	1519	834	862	716	642	6209	6209
23K1124N 4W	GAS				7855	2161	1483	1260	1086	864	838	761	777	17115	17115
24A1424N 4W	GAS				11250	19006	22573	16754	14144	12599	11444	8065	10113	125948	125948
CCMPANY TOTAL	GAS	17222	10199	11185	43746	45537	47047	36954	32894	28997	27222	22644	24315	347962	975376
DEPCO INCCRPORATED															
EURNS															
1M1526N 7W	GAS	1586	1411	1780	1495	1147	8796	1447	1479	1733	1482	1491	1607	25454	560010
JENKINS															
1C1526N 7W	GAS	1708	1710	1780	1708	1384	1359	1212	1130	1707	1731	1594	1574	18677	603244
X 2K1526N 7W	GAS	492	443	453	464	479	448	457	431	418	444	418	429	5416	175583
3I1526N 7W	GAS	851	785	844	790	861	767	833	834	798	787	789	843	9782	378974
4N1026N 7W	GAS	1456	1247	1420	1340	1042	1323	1355	1225	1370	1408	1295	1346	15827	567595
PKL															
2L 526N 7W	GAS	1578	1381	1430	1437	1080	1343	1534	1491	1400	1497	1460	1379	17030	925647
3P 626N 7W	GAS	2485	2232	2473	2355	1830	2100	2039	2132	2086	2243	2106	2291	26372	709240
4B 626N 7W	GAS	3540	3007	3202	3201	2424	3042	3623	3343	3526	3653	3680	3243	39264	1233940
5D 626N 7W	GAS	2934	2495	2751	2600	2141	2794	2705	2525	2696	2586	2212	2410	30937	1369992
6D 626N 7W	GAS	3401	3348	2768	3502	2623	3492	3682	3594	3362	3337	3491	3491	41299	3019839
8I 726N 7W	GAS	3948	3200	3664	3652	2902	2887	4102	3663	3607	2926	3583	3264	41398	1247271
9L 626N 7W	GAS	2225	1838	1988	2251	1673	2211	2077	2027	2307	2062	2018	1993	24670	3202344
10D 726N 7W	GAS	1584	1381	1512	1420	1085	1647	1485	1479	1407	1490	1431	1477	17398	389047
11M 726N 7W	GAS	2276	2028	2228	2124	1593	1685	1651	1415	1343	1531	2244	2314	22432	511701
12L 826N 7W	GAS	2284	2156	2383	2308	1903	1675	2094	1808	2135	1756	2168	2060	24730	2366678
13A 726N 7W	GAS	2713	2304	2573	2412	1839	1629	2412	2129	2623	1594	2281	1949	26458	1918488
14E 526N 7W	GAS	1590	1421	1370	1233	1030	1822	1548	1447	1453	1460	1488	1488	17350 S	756065
15A 526N 7W	GAS	LAST	PROD. DATE	07/75											231612
X 16P 526N 7W	GAS	3067	2667	2544	2702	2386	2818	2696	2949	2798	2584	2721	2767	36699	955256
198 826N 7W	GAS	6725	5986	3061	6161	4783	5344	2036	6580	6388	6183	5820	6045	63112	1624789
CCMPANY TCTAL	GAS	46643	41040	45264	43325	34205	45189	39008	41569	43389	40777	41936	41970	504315	22755735
DUGAN PRODUCTICN CCRPORATION															
ALMAGRE															
1M27Z4N 1W	GAS	LAST PRCD. PRIOR TC 6/73												U	690453
ANDERSON B															
1M3325N 3W	GAS	618	498	554	524	564	529	541	954	519	523	524	504	6452	246325
	WAT	8	7	8	8	8	30	31	31	30	30	30	31	252	
J R ANDERSON															
1J3325N 3W	GAS	656	580	648	620	657	636	651	656	618	642	633	643	7640	312881
	WAT	18	17	18	17	17	17	19	17	15	15	15	15	198	
2A2625N 3W	GAS	457	414	423	456	455	421	447	390	417	434	316	507	5137	119592
	WAT	16	15	16	16	15	15	16	16	15	15	15	15	186	
FARMING D CCM															
1M 227N 5W	GAS	680	614	688	682	683	656	665	553	524	501	486	447	7179	338251
JICARILLA															
1A 324N 4W	GAS	185	189	422	319	322	290	210	222	152	283	447	313	3354	161114
	WAT	8	7	8	8	8	7	8	8	7	8	8	8	93	
L AND M STATE															
1G1625N 6W	GAS													X	48958
MEXICO FEDERAL 6															
103425N 3W	GAS	423	397	427	420	450	422	438	434	415	423	419	447	5115	143560
CCMPANY TOTAL	GAS	3019	2692	3162	3021	3131	2954	2952	2809	2645	2806	2825	2861	34877	2061134
	WAT	50	46	50	49	49	69	72	72	67	68	68	69	729	
CYNA RAY OIL AND GAS CO.,INC.															
ABRAHAM FEDERAL															
7L2024N 1W	GAS	PLUGGING APPROVED 1976													113652
HILL ABRAHAM															
1M2424N 2W	GAS	PLUGGING APPROVED 1970													201604
JICARILLA B 156															
2J 223N 2W	GAS	PLUGGING APPROVED 1970													378
JICARILLA E 160															
3M1223N 2W	GAS	PLUGGING APPROVED 1970													22820
CCMPANY TOTAL	GAS														338434
EL PASC NATURAL GAS COMPANY															
ABRAHAM E															
1E2424N 2W	GAS	PLUGGING APPROVED 1969													132326
	OIL														363
2G2424N 2W	GAS	PLUGGING APPROVED 1969													16
BLANCO															
13G 127N 8W	GAS	1278	1183	1291	1213	1122	1784	1527	1462	1419	1387	1390	1412	16468	522977
14K3628N 8W	GAS	2104	1998	2001	2085	1947	1547	1525	936	2092	1501	2098	2213	21447	512334
15D3628N 8W	GAS	3517	3296	2693	2782	2849	2341	2508	2442	2066	2050	1890	2016	30652	949162
16D3628N 8W	GAS	3809	3106	3443	2975	3458	3293	2662	2447	2166	2106	2706	2377	34548	783961
17I3628N 8W	GAS	4037	3415	4028	3466	4396	4140	4084	4044	891	4651	3868	3558	44578	543836
19C 127N 8W	GAS	1535	1430	1514	1424	1471	1404	1385	1472	938	1753	1280	1520	17126	159861
BCLACK B															
2K1227N 8W	GAS	291	258	282	274	298	269	289	281	313	302	327	321	3505	182168
3N3328N 8W	GAS	2811	2302	4785	3729	156				7024	5882	4834	4610	39133	1049825
13J3328N 8W	GAS	1537	1399	1455	1315	1784	1494	1649	1508	1518	1513	1496	1631	18139	250780
16E3328N 8W	GAS	1552	1367	1446	1216	1637	1435	1449	1455	1329	1356	1334	1319	16915	297189

(1)



334-6003

F. P. CRUM, JR.

P. O. BOX 400
AZTEC, NEW MEXICO 87410

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APR 08 1980

CONSULTANT GEOLOGIST
DRILLING & COMPLETION
LEASE MANAGEMENT

DEPCO, INC.

WORKOVER REPORT

MKL 16X
Sec. 5 T26N R7W
Rio Arriba County, New Mexico

04/28/79 - After observing and evaluating for some time, noted well finally down. Recommended remedial work due to needed cleaning out & casing repair.

05/01/79 - Conference w/ Mr. John Wylie, management. Located pulling unit; purchased Baker model G size 45B packer. Ordered out Mo-te Roustabout Service to install anchors on location.

05/03/79 - Moved Farmington Well Service unit on location. Rigged up. Broke out wellhead. Pulled 2 3/8" EUE tbg. 4' pup jt. plus 71 full jts. & two 4' perforated subs bull plugged on bottom.

Ran 2 perforated subs & four jts. below packer: 71 jts. tbg. in all - 2205', set @ 2213' w/ Baker packer set @ 2080'.

Well started to flow fresh, clear water while running last 5 jts. - 1/2" stream.

05/04/79 - Swabbing: swabbed dry. Water flow from casing same as yesterday. (Sample taken.) S.I. pressure = 15# psig.

05/11/79 - Farmington Well Service swabbing unit on hole.

05/12/79 - Swabbing.

05/14/79 - Swabbing; dried up. Not much gas show.

05/24/79 - Tubing pressure = 33#. Down to 0# in 5 minutes blowing through 1/2" valve. No water.

(2)

06/02/79 - Tubing pressure = 253#. Blew down to 0# in 3 minutes through 2" valve.

06/11/79 - Tubing pressure = 258#. Blow-down rate approximately the same.

06/18/79 - Big A Well Service swabbed 200' first run;down to 25' last run. Released unit. 5:00 P.M.

06/21/79 - Tubing pressure = 255#. Left S.I.

06/28/79 - Tubing pressure = 260#. Left S.I.

07/07/79 - Tubing pressure = 265#. Left S.I.

08/04/79 - Tubing pressure = 275#. Rocking up.

09/21/79 - Tubing pressure =288#. Left S.I.

12/22/79 - Blew well. Unloaded some water, then blew slowly down. S.I.

12/26/79 - Blew well; no water. Blew down to small steady flow 15 minutes. S.I.

12/28/79 - Well on 4:15 P.M. Off most of January. Blowing about once weekly.

02/10/80 - Well on line 11:15 A.M. Producing and shut-in intermittently. Waiting on orders.

Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [ ] GAS WELL [X] OTHER — SINGLE ZONE [ ] MULTIPLE ZONE [X]

2. NAME OF OPERATOR: DEPCO, Inc.

3. ADDRESS OF OPERATOR: 1000 Petroleum Building - Denver, CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: ~~1530~~ 1520' FEL, 1500' FSL, Sec. 5
At proposed prod. zone: Same

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U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

5. LEASE DESIGNATION AND SERIAL NO.: SF079162
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: --
7. UNIT AGREEMENT NAME: --
8. FARM OR LEASE NAME: MKL
9. WELL NO.: 16R
10. FIELD AND POOL, OR WILDCAT: Largo Chacra/So. Blanco PC
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 5-T26N-R7W
12. COUNTY OR PARISH: Rio Arriba
13. STATE: NM

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 25 Miles SE of Blanco, NM

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 1530'
16. NO. OF ACRES IN LEASE: 2248.40
17. NO. OF ACRES ASSIGNED TO THIS WELL: 160
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.: 950'
19. PROPOSED DEPTH: 3400'
20. ROTARY OR CABLE TOOLS: Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.): 6056' GR 6068' KB (Est)
22. APPROX. DATE WORK WILL START*: 5-1-82

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#, K55	300'	275 sx (Circulate)
7-7/8"	5-1/2"	15.5# K55	3400'	500 sx (2-stage)

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OIL CON. DIV.
DIST. 3

1. Drill 12¼" surface hole and set surface casing as above.
2. Drill 7-7/8" hole to 3400'.
3. Run DIL/SFL and CNL/FDC-GR Logs.
4. Set 5½" casing string if warranted, or P&A in compliance with Regulations.
5. The location will be reshaped to original topography. Stockpiled topsoil will be respread and the area reseeded.

Exhibits attached to this APD

"A" - Well Location Plat; "B" - Ten Point Compliance Program; "C" - Blowout Preventer Diagram; "D" - Multipoint Surface Use Requirements; "E" - Road Access Map to Area; "F" - Topographic Map of Area, Road Access, and wells within one mile radius; "G" - Drilling Location Plan, Contours, Cuts and Fills; "H" - Drilling Rig and Production Facilities Plan; "I" - Treatment Program Plan; "J" - Archeology Report. "K" - Non-Standard Location Approval

NOTE: THIS WELL IS A NON-STANDARD LOCATION DUE TO TOPOGRAPHY

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. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.
SIGNED W. L. Schwenn TITLE Prod. Supt. - So. Rockies DATE 1/26/82

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED AS AMENDED
MAR 24 1982
Dean Elliott
FOR JAMES F. SIMS
DISTRICT ENGINEER

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"

Note
FBLC

*See Instructions On Reverse Side

This action is subject to administrative appeal pursuant to 30 CFR 290

OPERATOR

(3)

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

BRUCE KING
GOVERNOR
LARRY KEHOE
SECRETARY

February 3, 1982

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-2434

F. P. Crum, Jr.
P. O. Box 400
Aztec, New Mexico 87410

Administrative Order NSL-1473

Gentlemen:

Reference is made to your application on behalf of Depco, Inc. for a non-standard location for their MKL Well No. 16R to be located 1250 feet from the South line and 1530 feet from the East line of Section 5, Township 26 North, Range 7 West, NMPM, Pictured Cliffs-Chacra (dual), Rio Arriba County, New Mexico.

By authority granted me under the provisions of Rule 104 F of the Division Rules and Regulations, the above-described unorthodox location is hereby approved.

Sincerely,

JOE D. RAMEY,
Director

JDR/RLS/dr

cc: Oil Conservation Division - Aztec
Oil & Gas Engineering Committee - Hobbs
U. S. Geological Survey - Farmington

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-107
Revised 10-1-78

All distances must be from the outer boundaries of the Section.

Operator	Lease	Well No.
DEPCO, INCORPORATED	MKL	16R

Unit Letter	Section	Township	Range	County
J	5	26N	7W	Rio Arriba

Actual Footage Location of Well:
1500 feet from the South line and 1520 feet from the East line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
6056	Chacra	Otero	160 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

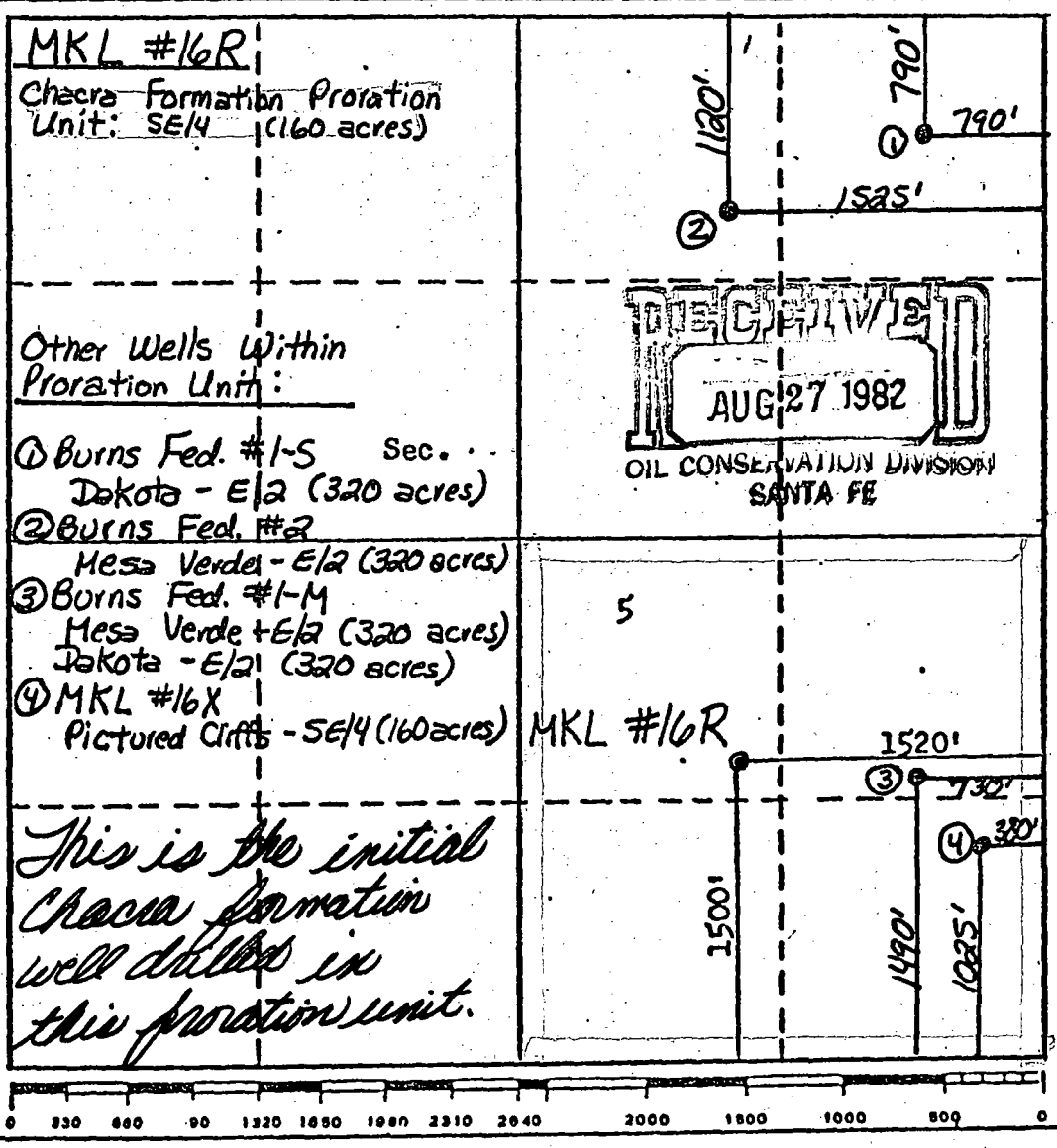
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling. etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

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 interests, has been approved by the Commission.



CERTIFICATION

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

Name: W. F. Schwenn

Position: Prod. Supt. - So. Rockies

Company: DEPCO, Inc.

Date: March 2, 1982

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: February 15, 1982

Registered Professional Engineer and/or Land Surveyor: Fred B. Kerr Jr.

Certificate No.: 3950

(5)

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-107
Revised 10-1-78

All distances must be from the outer boundaries of the Section.

Operator	Lease	Well No.
DEPCO, INCORPORATED	MKL	16R

Unit Letter	Section	Township	Range	County
J	5	26N	7W	Rio Arriba

Actual Footage Location of Well:
1500 feet from the South line and 1520 feet from the East line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
6056	Pictured Cliffs	South Blanco	160 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling. etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

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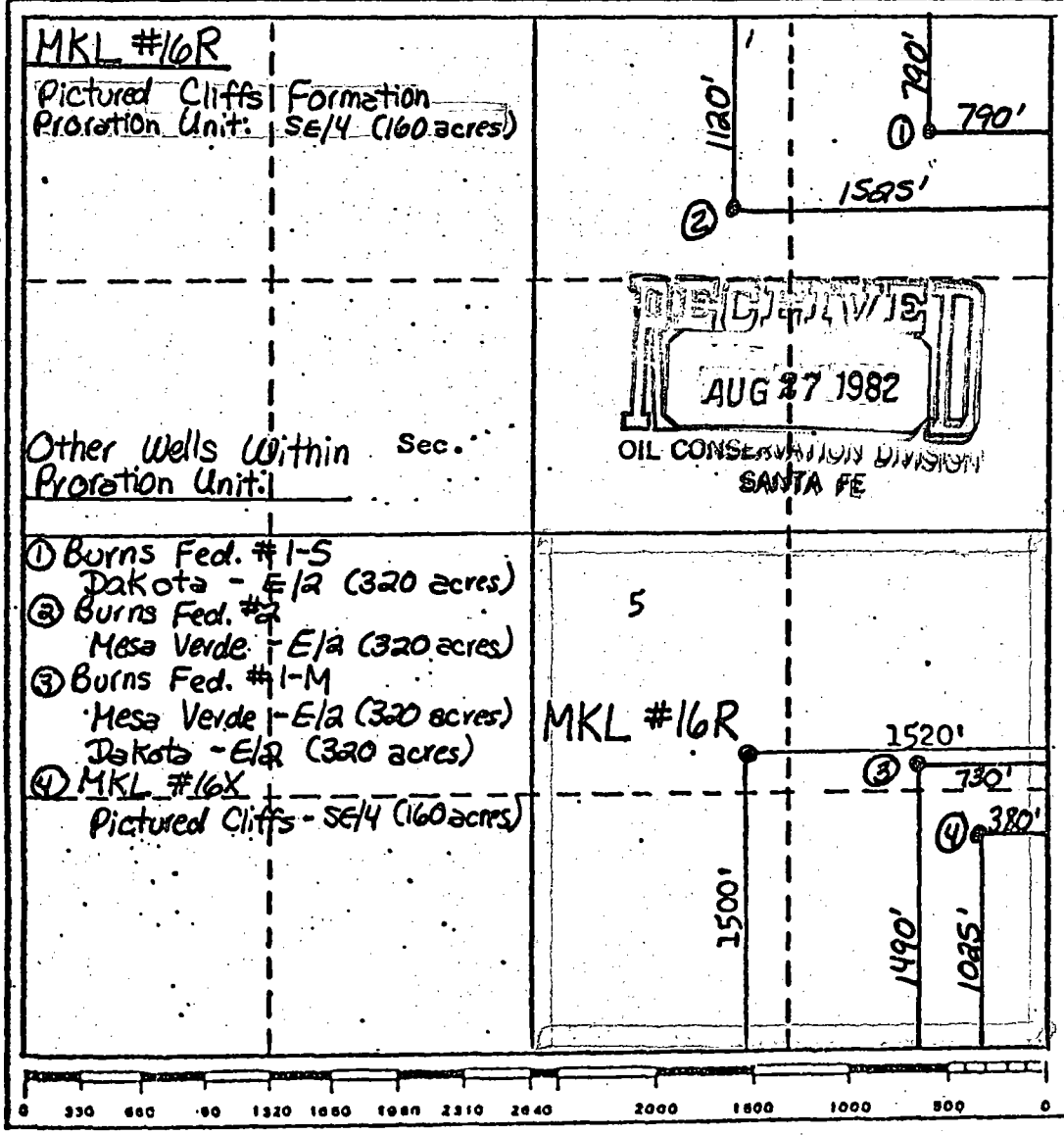

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Position: Prod. Supt. - So. Rockies

Company: DEPCO, Inc.

Date: March 2, 1982

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Date Surveyed: February [illegible] 82

Registered Professional Engineer and/or Land Surveyor

Fred B. Kerr Jr.

Certificate No. 3950

6

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Form C-107
5-1-61

APPLICATION FOR MULTIPLE COMPLETION

Operator	County	Date
DEPCO, Inc.	Rio Arriba	6-30-82
Address	**Lease**	**Well No.**
1000 Petroleum Bldg - Denver, CO 80202	MKL	16R

Location of Well	Unit	Section	Township	Range
	J	5	26N	7W

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES X NO _____

2. If answer is yes, identify one such instance: Order No. _____ ; Operator Lease, and Well No.: _____

3. The following facts are submitted:

	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	So. Blanco P.C.		Otero Chacra
b. Top and Bottom of Pay Section (Perforations)	2206'-2236'		3082'-3170'
c. Type of production (Oil or Gas)	Gas		Gas
d. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing

4. The following are attached. (Please check YES or NO)

Yes	No	
X	☐	a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
X	☐	b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
X	☐	c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.*
X	☐	d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.)

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

Bolin Oil Company, 1120 Oil & Gas Building, Wichita Falls, TX 76301

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OIL CONSERVATION DIVISION
SANTA FE

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES X NO _____. If answer is yes, give date of such notification 6-30-82.

CERTIFICATE: I, the undersigned, state that I am the Prod. Supt. - So. Rockies of the DEPCO, Inc. (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

W. S. Shuman
Signature

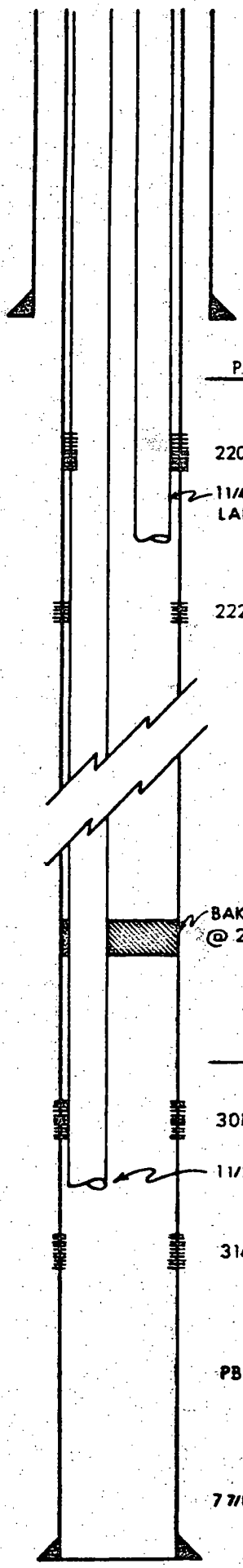
*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

7

DIAGRAMMATIC SKETCH OF DUAL GAS COMPLETION

MKL NO. 16 R



8 5/8"-24#-K55-ST&C CSG LANDED @ 335' KB.
CMT W/275 SX REG. CLASS "B", 3% $CaCl_2$,
1% FLOCELE. CIRC. TO SURFACE.

P. C. PERFORATIONS - 2 JSPF

2206' - 18'

1 1/4" - 2.4# - V55 EUE TBG
LANDED @ 2228' K B

2228' - 36'

BAKER MODEL R-3 45A4 PACKER SET
@ 2325' KB

CHACRA PERFORMATIONS - 2 JSPF

3082' - 3100'

1 1/2" - 2.9# - V55 - EUE TBG LANDED @ 3137' KB

3162' - 72'

PBTD @ 3342' KB

7 7/8" HOLE TO 3425' TD

5 1/2" - 15.5# - J 55 ST&C CSG LANDED @ 3425' KB. CMT
1ST STAGE W/80 SX 65/35 POZMIX, 12% GEL, 12 1/2# GILSONITE
/SK, 100 SX 50/50 POZMIX, 2% GEL, 1/4# FLOCELE/SK

CMT. 2ND STAGE THRU DV TOOL @ 2287' KB
W/260 SX 65/35 POZMIX, 12% GEL, 12 1/2#
GILSONITE/SK, FOLLOWED BY 100 SX 50/50
POZMIX, 2% GEL, 1/4# FLOCELE/SK. CMT
CIRC. TO SURF.

FORMATION TOPS:

OJO ALAMO -	1173' KB
KIRTLAND -	1550'
FRUITLAND -	2042'
PICTURED CLIFFS -	2181'
CHACRA -	3082'
CLIFF HOUSE -	
POINT LOOKOUT -	

CALCULATED CEMENT TOPS:

1ST STAGE - 2080 KB
2ND STAGE - SURFACE
3RD STAGE -

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OIL CONSERVATION DIV.
SANTA FE

DEPCO INC.

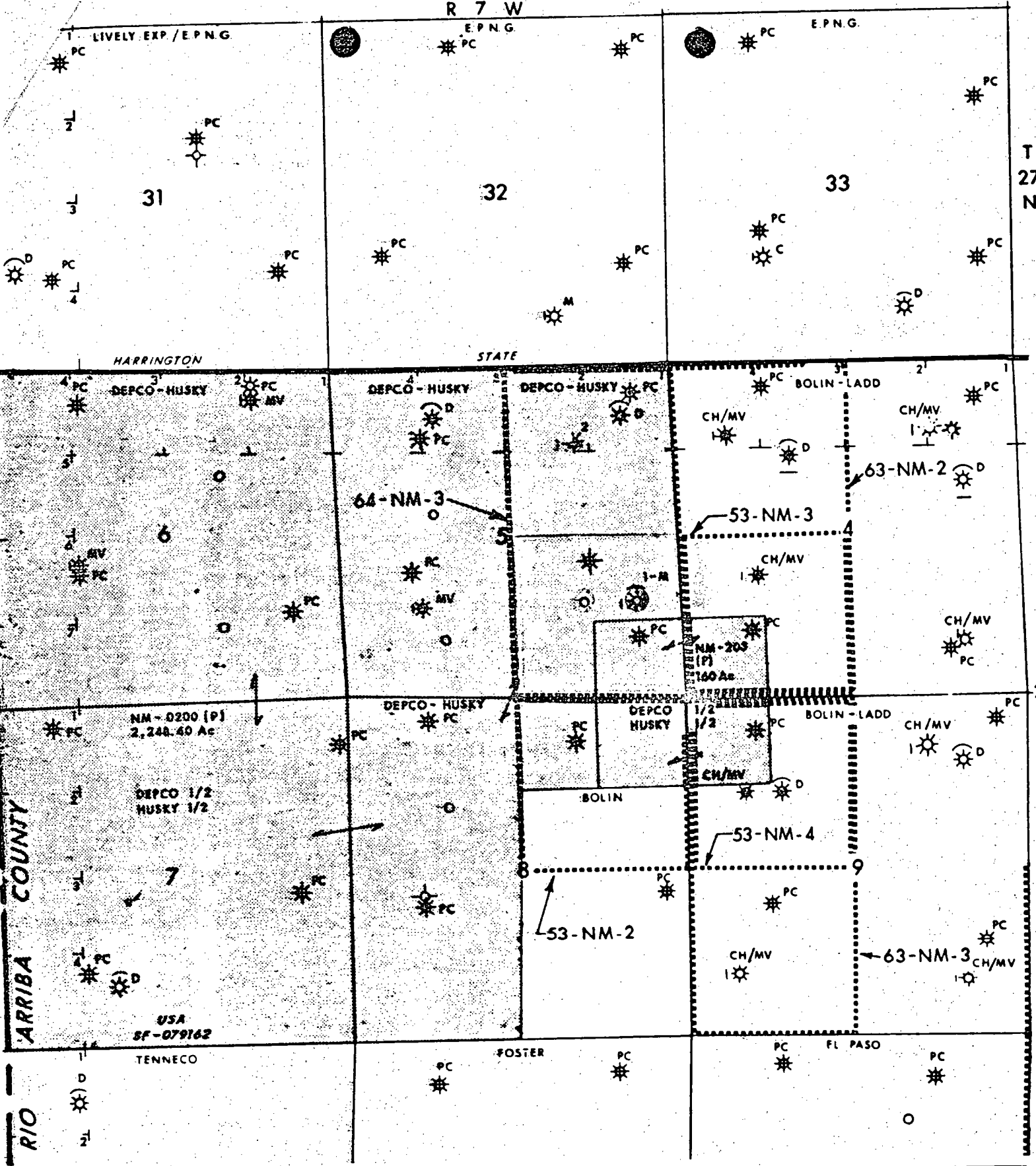
1000 PETROLEUM BUILDING
DENVER, COLORADO 80202

APPLICATION FOR DUAL GAS COMPLETION

MKL NO. 16 R

NW/4 - SE/4 SEC 5 T-26-N R-7-W
RIO ARRIBA COUNTY, N.M.

(7)



LEGEND

- PC - PICTURED CLIFFS
- CH - CHACRA
- MV - MESAVERDE
- D - DAKOTA
- G - GRANEROS

DEPCO INC.

1000 PETROLEUM BUILDING
DENVER, COLORADO 80202

APPLICATION FOR DUAL GAS COMPLETION
PICTURED CLIFFS / CHACRA
MKL NO. 16 R
NW/4 SE/4 SEC. 5 T 26 N R 7 W
RIO ARRIBA COUNTY, N.M.

(7)

RECEIVED
JUL 21 1982

CERTIFIED MAIL
NO. 3858031

RETURN RECEIPT REQUESTED

DEPCO, Inc.

PRODUCTION & EXPLORATION

June 28, 1982

Bolin Oil Company
1120 Oil and Gas Building
Wichita Falls, Texas 76301

Attention: Mr. R. C. Erwin
Legal and Land Manager

RECEIVED
AUG 27 1982
OIL CONSERVATION DIVISION
SANTA FE

RE: Waiver For Dual Completion
MKL No. 16R
NW/4 SE/4, Sec. 5-T26N-R7W
Rio Arriba County, New Mexico

Gentlemen:

DEPCO, Inc. proposes to dually complete the subject well in the Pictured Cliffs and Chacra formations. In compliance with New Mexico Oil Conservation Division rules and regulations, a copy of the Application for Multiple Completion is enclosed including a plat showing the location and producing zones as well as the operator of all wells located on offsetting leases, together with a copy of Administrative Order NSL-1473, non-standard location approval.

As an offset operator to the subject well, it is requested that if you have no objection to this dual completion, you indicate your consent by signing and returning the attached copy of this letter in the enclosed self-addressed envelope.

Very truly yours,

W. F. Schwenn
Production Superintendent
Southern Rockies

Enc.

WFS:jz

We hereby consent to the dual completion of the MKL No. 16R well as proposed in DEPCO, Inc's Application for Multiple Completion, Form C-107, dated June 30, 1982.

By: _____

Title: Land Mgr.

Date: 7-16-82

Form 9-331
Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other

2. NAME OF OPERATOR
DEPCO, Inc.

3. ADDRESS OF OPERATOR
1000 Petroleum Building - Denver, CO 80202

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1520' FEL, 1500' FSL (NW¼ SE¼)
AT TOP PROD. INTERVAL: Same
AT TOTAL DEPTH: Same

5. LEASE
SF079162

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
--

7. UNIT AGREEMENT NAME
--

8. FARM OR LEASE NAME
MKL

9. WELL NO.
16R

10. FIELD OR WILDCAT NAME
Otero Chacra/So. Blanco P.C.

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 5-T26N-R7W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
NM

14. API NO.
30-039-22917

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6056' GR 6068' KB

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	☐		☐
FRACTURE TREAT	☐		☒
SHOOT OR ACIDIZE	☐		☒
REPAIR WELL	☐		☐
PULL OR ALTER CASING	☐		☐
MULTIPLE COMPLETE	☐		☒
CHANGE ZONES	☐		☐
ABANDON*	☐		☐
(other)			

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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OIL CONSERVATION DIVISION
SANTA FE

17. 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.)*

6-29-82 MIRU Aztec Well Service Unit #142. PBTD @ 3342' KB. Perfd Chacra 3162-72' KB w/2 JSPF. Treat perfd interval w/250 gal 15% HCL, 33642 gal slick KCL wtr, 25,000# 20/40 sd. Avg treating press 2300 psi, avg treating rate 24 BPM.

7-02-82 Perfd Chacra 3082-3100' KB w/2 JSPF. Treat perfd interval w/250 gal 15% HCL, 48846 gal slick KCL wtr, 40,000# 20/40 sd. Avg treating press 2300 psi, avg treating rate 27 BPM. Perfd PC 2206-18' & 2228' to 2236' w/2 JSPF. Foam-frac'd perfd intervals w/250 gal 15% HCL, 20076 gal wtr, 665,000 SCF-N_2, 60,000# 20-40 sd, 10000# 10/20 sd, & 20 ball sealers. Avg treating press 1450 psi, avg treating rate 20 BPM. CO sd & wtr to PBTD w/N_2.

- O V E R -

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED D. W. Schuhmacher Prod. Supt. - So Rockies DATE July 15, 1982

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

9

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

GPO : 1978 O - 214-140

7-8-82 Ran 97 jts + 3126.53' - 1½" - 2.90# - R2 - EUE 10rd thd tbg landed @ 3137' KB. Ran 5½' model R-3 45A4 dbl-grip retrievable pkr set @ 2325' KB. Ran 70 jts - 2218.00', 1½", 2.40#, R2, EUE, 10rd thd tbg landed @ 2228' KB. SWI prior to deliverability and CAOF determination.

-330
6-63)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.: SF 079 162

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: --

7. UNIT AGREEMENT NAME: --

8. FARM OR LEASE NAME: MKL

9. WELL NO.: 16R

10. FIELD AND POOL, OR WILDCAT: Otero Chacra/So Blanco P.C.

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 5-T26N-R7W

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

2. NAME OF OPERATOR: DEPCO, Inc.

3. ADDRESS OF OPERATOR: 1000 Petroleum Bldg, Denver, Colorado 80202

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: 1520' FEL, 1500' FSL (NW/4 SE/4)
At top prod. interval reported below: Same
At total depth: Same

RECEIVED
AUG 27 1982
OIL CONSERVATION DIVISION
SANTA FE

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
30-039-22917	3/24/82	Rio Arriba	NM

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
4-19-82	4-22-82	7-13-82	6056' GR 6068' KB	6058'

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
3425'	3342'	2	→	0-TD	-

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
2204'-2244' Pictured Cliffs
3079'-3114'; 3158'-3182' Chacra

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: DIL/SFL-SP; CNL/FDC - GR/CAL

27. WAS WELL CORED:

29. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24 ST&C	335' KB	12-1/4"	275 sx - 3% CaCl2	None
5-1/2"	15.5 ST&C	3425' KB	7-7/8"	1st stage - 180 sx	None
				2nd stage - 360 sx	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
None				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
1-1/2"	3137' KB	2325' KB
1-1/4"	2228' KB	

31. PERFORATION RECORD (*Interval, size and number*)
2206'-18' KB 2 JSPF
2228'-36' KB 2 JSPF
3082'-3100' KB 2 JSPF
3162'-72' KB 2 JSPF

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2206'-36' KB	250 gal Acid, 70000 lbs sd
3082'-3100' KB	250 gal Acid, 40000 lbs sd
3162'-72' KB	250 gal Acid, 25000 lbs sd

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
7-20-82	Flowing	SI

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7-20-82			→		153.25 (PC)		
7-27-82	3	3/4"		0	221.63 (CH)	0	-

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
87 psig	252 psig	→		1226 (PC)		
130 psig	---		0	1773 (CH)	0	-

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*)
Waiting on Pipeline Connection

TEST WITNESSED BY: F. P. Crum, Jr.

35. LIST OF ATTACHMENTS
Single Point Back Pressure Test - Chacra & P.C. zones.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED [signature] TITLE Prod. Supt. - So. Rockies DATE 8-3-82

*(See Instructions and Spaces for Additional Data on Reverse Side)

(10)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "*Sacks Cement*": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Ojo Alamo	1174'	1550'	Ss - Wtr
Pictured Cliffs	2182'	2254'	Ss - Gas, Sw-40%
Chacra	3079'	3181'	Ss - Gas, Sw-40%

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	1174'	1174'
Kirtland	1550'	1550'
Fruitland	2041'	2041'
Pictured Cliffs	2180'	2180'
Chacra	3079'	3079'

U.S. GOVERNMENT PRINTING OFFICE: 1983—O-683636

GPO 680-378

1-F

NEW MEXICO OIL CONSERVATION COMMSSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

RECEIVED
AUG 27 1982
OIL CONSERVATION DIVISION
SANTA FE

Type Test: [X] Initial [ ] Annual [ ] Special				Test Date: 7/20/82
Company: DEPCO, INC.		Connection: not connected		Unit
Pool: South Blanco		Formation: Pictured Cliffs		
Completion Date: 7/13/82	Total Depth: 3428' KB	Plug Back TD: 3342' KB	Elevation: 6056' GL	Farm or Lease Name: MKL
Csg. Size: 5.500 / Wt.: 15.5# / d: / Set At: 3425' KB		Perforations: From 2206' To 2236'		Well No.: 16-R (dual)
Tbg. Size: 1.660 / Wt.: 2.4# / d: / Set At: 2228' KB		Perforations: From To		Unit: J / Sec.: 5 / Twp.: 26N / Rge.: 7W
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: G.G. Multiple		Packer Set At: 2325' KB		County: Rio Arriba
Producing Thru: Tbg.	Reservoir Temp. °F: @	Mean Annual Temp. °F:	Baro. Press. – P_a:	State: New Mexico

L	H	Gg	% CO_2	% N_2	% H_2S	Prover	Meter Run	Taps

	FLOW DATA					TUBING DATA		CASING DATA		
NO.	Prover Line Size	X Orifice Size	Press. p.s.i.g.	Diff. h_w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	Duration of Flow
SI						357		357		7 day SI
1.	2"	X 3/4"				87	58	252		3 hrs.
2.										
3.										
4.										
5.										

RATE OF FLOW CALCULATIONS

NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P_m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	12.3650		99	1.0019	1.000	1.000	1,226
2.							
3.							
4.							
5.							

NO.	P_t	Temp. °R	T_f	Z
1.				
2.				
3.				
4.				
5.				

Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
Specific Gravity Separator Gas _____ XXXXXXXXXX
Specific Gravity Flowing Fluid XXXXX _____
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c 369 P_c^2 136,161

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1	9801	264	69,696	66,465
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.0486$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.8397$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 2,255$

Absolute Open Flow 2,255 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .85

Remarks: _____

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	Crum	Crum	

(11)

Schlumberger

COMPUTER PROCESSED LOG

COMPANY DEPCO, INC.

WELL MKL # 16R

FIELD CHACRA - PICTURED CLIFFS

COUNTY RIO ARRIBA STATE NEW MEXICO

LOCATION 1520 FEL 1500 FSL NW/4 SE/4 S5 T26N R7W

ELEVATION KB 6068 DF 6067 GL 6056 API NO. —

Schlumberger Cyberlook
WELLSITE COMPILATION
A CSU Service

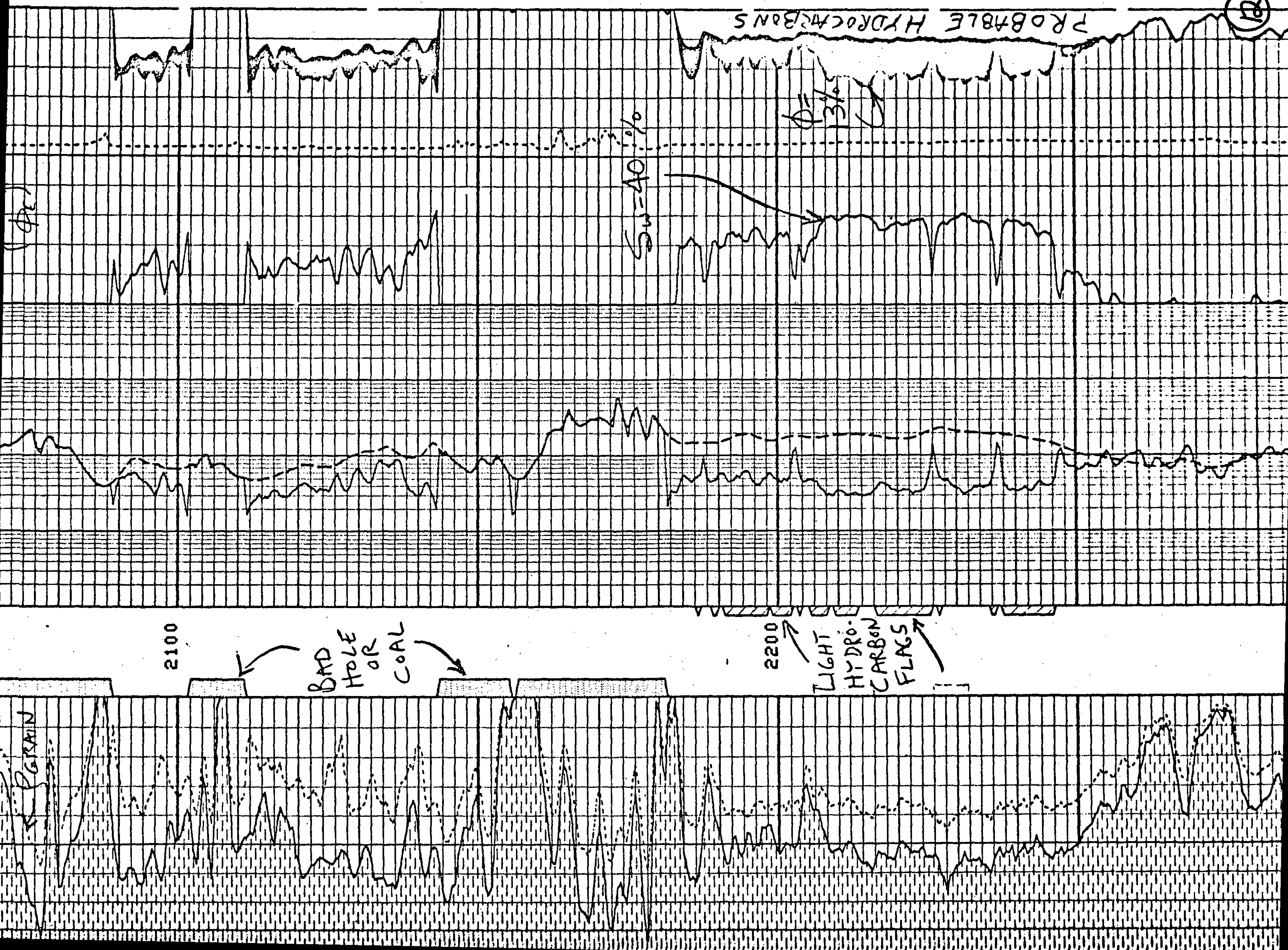
Date	22 APR '82			
Run No.	ONE			
Depth—Driller	3425			
Depth—Logger	3428			
Btm. Log Interval	3426			
Top Log Interval	1990			
Casing—Driller	8 5/8 @ 336	@	@	@
Casing—Logger	336			
Bit Size	7 7/8			
Type Fluid in Hole	FGM			
Dens. / Visc.	9.2 / 68			
pH / Fluid Loss	9.0 / 8.8 ml	ml	ml	ml
Source of Sample	FLOW LINE			
Rm @ Meas. Temp.	2.52 @ 60 °F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	.073 @ 68 °F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	2.93 @ 64 °F	@ °F	@ °F	@ °F
Source: Rmf / Rmc	EMT / EMT			
Rm @ BHT	1.08 @ 140 °F	@ °F	@ °F	@ °F
TIME Circulation Stopped	0730 4-22			
TIME Logger on Bottom	LAST 1750			
Max. Rec. Temp.	140 °F	°F	°F	°F
Equip. / Location	8171 / 4205			
Recorded By	BAIN/HANCOCK			
Witnessed By	MR. FRED CRUM			

FIELD PRINT

The well name, location and borehole reference data were furnished by the customer.

FOLD HERE

(12)



12
PROBABLE HYDROCARBONS
Sw-40%
Φ=13%
(ΦE)
2100
BAD HOLE OR COAL
2200
LIGHT HYDROCARBON FLAGS
GRAIN

Schlumberger

COMPENSATED NEUTRON FORMATION DENSITY

COMPANY DEPCO, INC

WELL MKL # 16 R

FIELD CHACRA - PICTURED CLIFFS

COUNTY RIO ARRIBA STATE NEW MEXICO

LOCATION 1520 FEL 1500 FSL
NW/4 SE/4

API SERIAL NO.	SEC.	TWP.	RANGE
–	5	26N	7W

Other Services:
DI - SFL
CYBERLOOK

COUNTY
FIELD
LOCATION
WELL
COMPANY

Permanent Datum: GROUND LEVEL ; Elev.: 6056
Log Measured From KELLY BSHNG, 12 Ft. Above Perm. Datum
Drilling Measured From KELLY BUSHING

Elev.: K.B. 6068
D.F. 6067
G.L. 6056

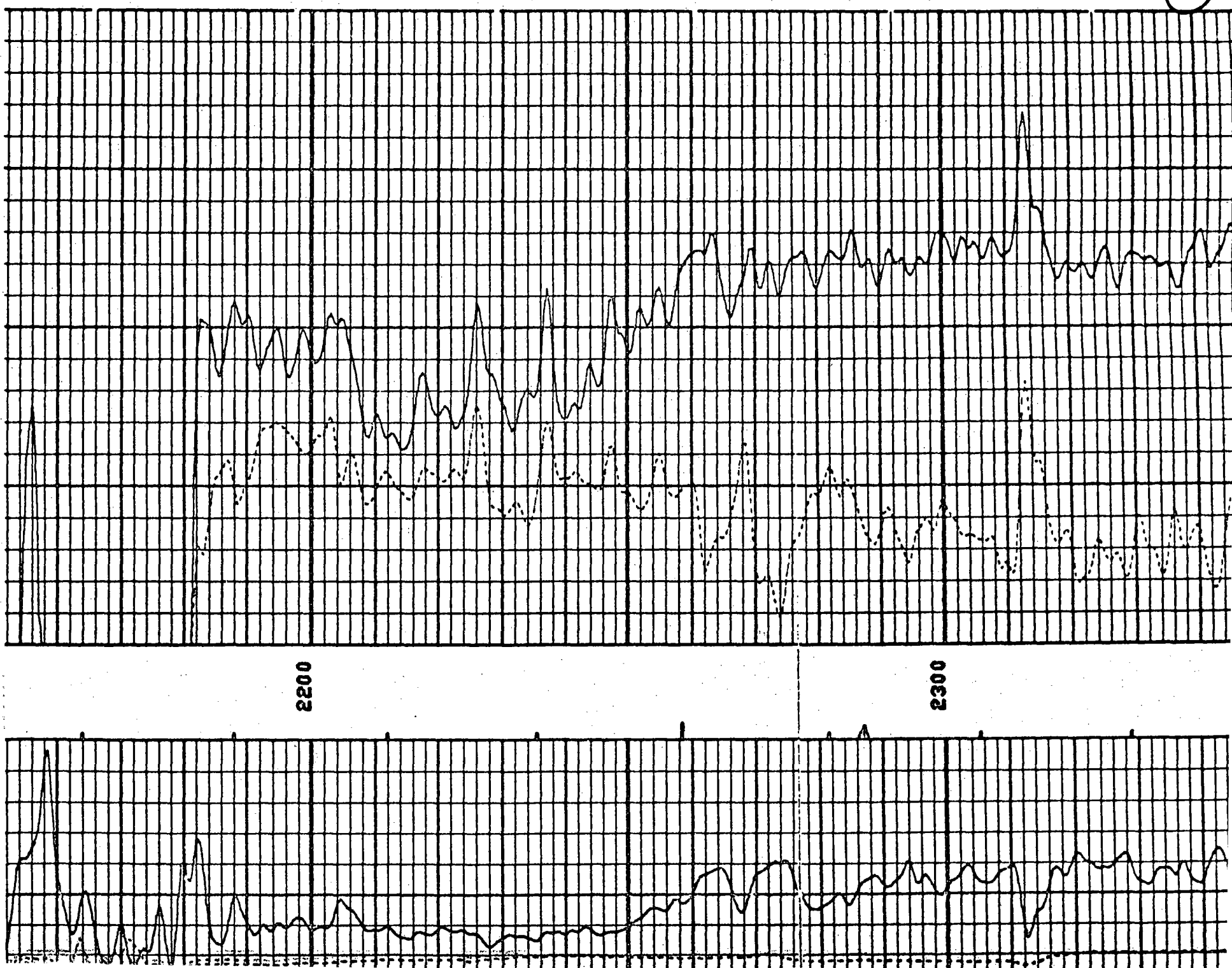
Date	22 APR 1982		
Run No.	ONE		
Depth—Driller	3425		
Depth—Logger	3425		
Btm. Log Interval	3422		
Top Log Interval	CSG 336		
Casing—Driller	8 5/8 @ 336	@	@
Casing—Logger	336		
Bit Size	7 7/8		
Type Fluid in Hole	FGM		
Dens. / Visc.	9.2 / 68		
pH / Fluid Loss	9.0 / 8.8 ml	ml	ml
Source of Sample	FLOW LINE		
Rm @ Meas. Temp.	2.52 @ 60 °F	@ °F	@ °F
Rmf @ Meas. Temp.	.073 @ 68 °F	@ °F	@ °F
Rmc @ Meas. Temp.	2.93 @ 64 °F	@ °F	@ °F
Source: Rmf / Rmc	EMT / EMT		
Rm @ BHT	1.08 @ 140 °F	@ °F	@ °F
TIME: Circulation Stopped	0730 4-22		
TIME: Logger on Bottom	1750 4-22		
Max. Rec. Temp.	140 °F	°F	°F
Equip. / Location	8171 / 4205		
Recorded By	BAIN/HANCOCK		
Witnessed By	MR ROGERS		

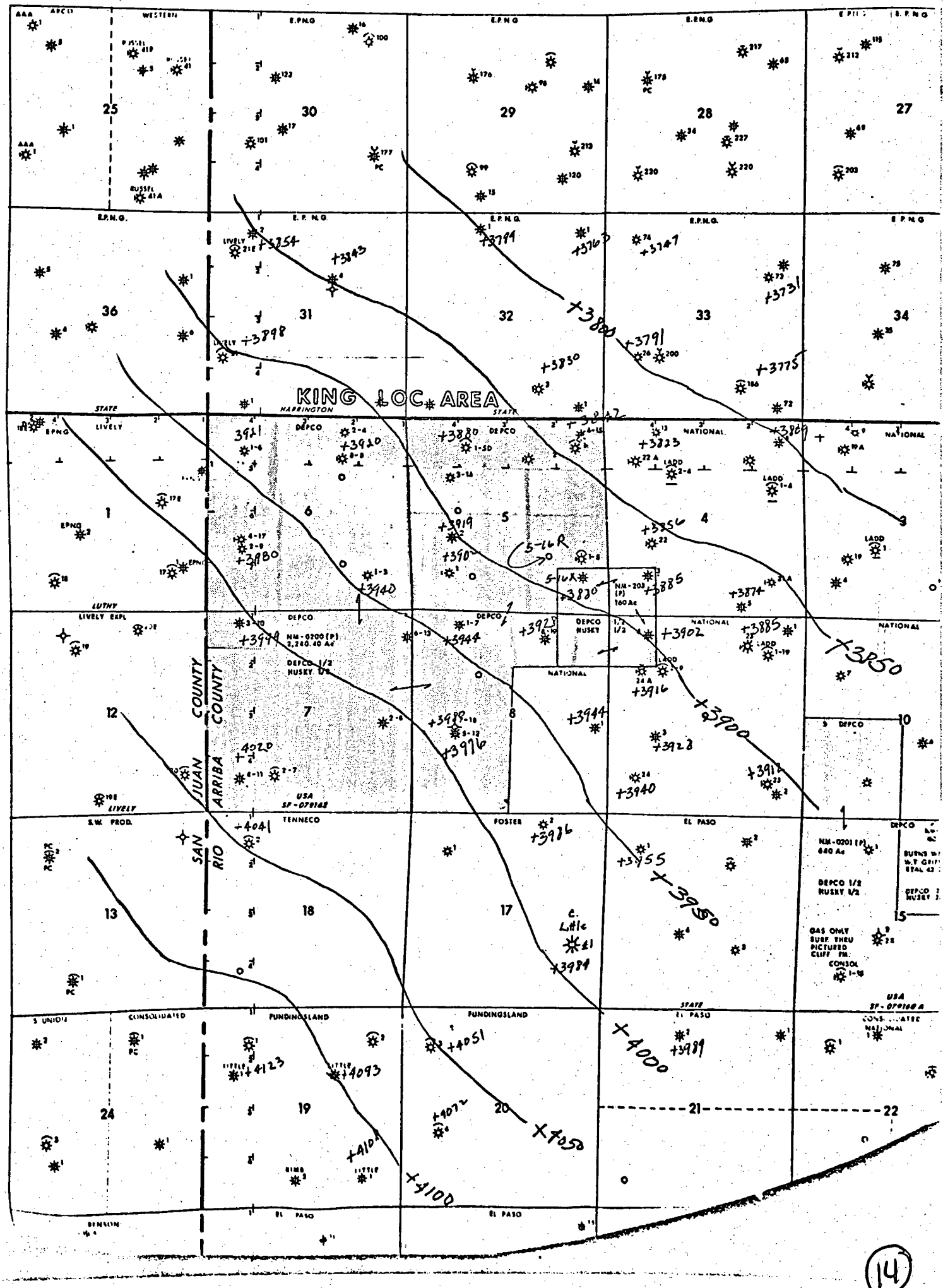
FIELD PRINT

The well name, location and borehole reference data were furnished by the customer.

FOLD HERE

13


2200
2300


R 8 W
R 7 W
KING LOC. AREA
SAN JUAN COUNTY
RIO ARRIBA COUNTY
25
30
29
28
27
36
31
32
33
34
1
6
5
4
3
12
7
8
10
13
18
17
15
24
19
20
21
22
+3800
+3850
+3900
+3950
+4000
+4050
+4100

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

BRUCE KING
GOVERNOR
LARRY KEHOE
SECRETARY

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-2434

Depco, Inc.
1000 Petroleum Building
Denver, Colorado 80202

Attention: Steven M. Reed, Manager-Natural Gas Dept.

Re: Application for NGPA Infill Well
Findings Under Provisions of
Order No. R-6013-A MKL Well
No. 16R, J-5-26N-7W,
Rio Arriba County

Dear Mr. Reed,

We may not process the subject application for infill findings until the required information, forms, or plats checked on the reverse side of this letter are submitted.

Sincerely,

Michael E. Stogner/DV

Michael E. Stogner,
Petroleum Engineer

MES/dp

- [ ] A copy of Form C-101 must be submitted.
- [ ] A copy of Form C-102 must be submitted.
- [ ] The pool name must be shown.
- [ ] The standard spacing unit size for the pool must be shown.
- [ ] Give the Division Order No. which granted the non-standard proration unit.
- [ ] Please state whether or not the well has been spudded and give the spud date, if any.
- [ ] Information relative to other wells on the proration unit is incomplete.
- [x] The geologic and reservoir data is incomplete or insufficient.

  Please submit information sufficient to support a finding as to the necessity for an infill well(rule 9).
- [ ] Other:

DEPCO, Inc.

PRODUCTION & EXPLORATION

November 4, 1982

New Mexico Department of Energy and Minerals
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Michael E. Stogner
Petroleum Engineer

RE: CA-1315
Application for NGPA Infill Finding
18 CFR §271.305
NM Order No. R-6013-A
MKL No. 16R Well
Section 5-T26N-R7W
Rio Arriba County, New Mexico
Additional Information

Gentlemen:

In compliance with Rule 9 of the subject New Mexico Order please add the attached to DEPCO's Application. Thank you for your cooperation in this matter.

Very truly yours,

DEPCO, Inc.

Steven M. Reed
Manager - Natural Gas Department

SMR:jea

Attachment

Left Message to Return Call 11/18/82

1000 PETROLEUM BUILDING • DENVER, COLORADO 80202 • PHONE 303/595-0707

RE: MKL No. 16R
Rio Arriba County, New Mexico

DEPCO, Inc.

PRODUCTION & EXPLORATION

November 4, 1982

Subject well will recover an additional 442 MMF from Picture Cliff pool as a redrill for MKL 16X.

The MKL 16X has produced 985 MMF and has an estimated ultimate of 1,085 MMF. The MKL 16R redrill exhibited 40% of original pressure and 60% of original deliverability of the MKL 16X drilled in 1952. From this the ultimate recovery from the MKL 16R is estimated at 50% of the ultimate of the MKL 16X or 542 MMF.

How was this determined, show evidence supporting your data

M. Stogner

11/18/82

1000 PETROLEUM BUILDING • DENVER, COLORADO 80202 • PHONE 303/595-0707

DEPCO, Inc.

PRODUCTION & EXPLORATION

November 24, 1982

New Mexico Department of Energy and Minerals
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Michael E. Stogner
Petroleum Engineer

RE: CA-1351
Application for NGPA Infill Finding
18 CFR §271.305
NM Order No. R-6013-A
MKL No. 16R Well
Section 5-T26N-R7W
Rio Arriba County, New Mexico
Additional Information

Gentlemen:

Pursuant to your request, enclosed is additional data in compliance with Rule 9 of the subject New Mexico Order.

Very truly yours,

DEPCO, Inc.

Steven M. Reed
Manager - Natural Gas Department

SMR:jea

Enclosures

1000 PETROLEUM BUILDING • DENVER, COLORADO 80202 • PHONE 303/595-0707

RE: MKL No. 16R
Rio Arriba County, New Mexico

Subject well will recover an additional 442 MMCF from Picture Cliff pool as a redrill for MKL No. 16X.

The MKL 16X has produced 985 MMCF and has an estimated ultimate of 1,085 MMCF. This figure is based on an extrapolation of past delivery and performance of the well. The MKL 16R redrill exhibited 40% of original pressure and 60% of original deliverability of MKL 16X drilled in 1952. From this the ultimate recovery from MKL 16R is estimated at 50% of the ultimate of the MKL 16X or 542 MMCF.

As evidence for the above figures please see attached Exhibit A which shows the results of a test taken September 5, 1952 on the older well and Exhibit B which is a well completion report filed with the USGS which shows test results on the redrill well and Exhibit C, a production curve for the MKL 16X.

TE	
	SWITCHED TO 6¼" BIT TO DRILL SECTION. MUD VISCOSITY 50.
8/30/52	REACHED T.D. 2240' (DRILLER) RAN GEOLECTRIC LOG. DRL. PIPE TALLEY & GEOLECTRIC LOG SHOWED T.D. @ 2276 FT.
9/1/52	CMTD. 5½" CSG. AT 2180' WITH 165 SAX. BRIDGIT & 30 SAX. NEAT.
9/4/52	SHOT WITH 200 QTS. NITROGEL. 2197' TO 2276FT. RAN 2½" TBG.
9/5/52	COMPLETED GAUGED 2060 MCF THROUGH 2" AFTER 3 HRS. S.I.P. 878#.
DECEMBER	DESTROYED BY LANDSLIDE CASING COLLAPSED OR SHEARED OFF AT 47 FT.

WELL DATA SHEET

State NEW MEXICO
County RIO ARRIBA
Sec. 5 Twp. 26N. Rge. 7W
Location 1025' FROM S. & 380' FROM E.
Field or Area S. BLANCO
Company KINGSLEY-LOCKE
Lease M.K.L. Well No. 5-16-X
Spd. _____ Completed _____
Elev. 6046 G.L. T. D. _____

Formations — Horizons

KIRTLAND-FRUIT.	
PICT. CLIFFS SS.	
LEWIS SH.	

Remarks: THOMPSON BROS. CONTRACTOR

Date	
	ORIGINAL WELL No. 16 DESTROYED BY LANDSLIDE DURING DECEMBER, 1952.

EXHIBIT A

Form 9-330
(Rev. 5-63)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.: SF 079 162

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: --

7. UNIT AGREEMENT NAME: --

8. FARM OR LEASE NAME: MKL

9. WELL NO.: 16R

10. FIELD AND POOL, OR WILDCAT: So Blanco P.C.

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 5-T26N-R7W

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ * DRY ☐ Other

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

2. NAME OF OPERATOR: DEPCO, Inc.

3. ADDRESS OF OPERATOR: 1000 Petroleum Building - Denver, CO 80202

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: 1520' FEL, 1500' FSL (NW/4 SE/4)
At top prod. interval reported below: Same
At total depth: Same

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
30-039-22917	3-24-82	Rio Arriba	NM

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
4-19-82	4-22-82	7-13-82	6068' KB	6058'

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
3425'	3342'	2	→	0 - TD	-

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
2206' - 18' Pictured Cliffs
2228' - 36'

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: DIL/SFL-SP: CNL/FDC - GR/Cal

27. WAS WELL CORED: No

23. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24 ST&C	335' KB	12-1/4"	(See reverse side)	None
5-1/2"	15.5 ST&C	3425' KB	7-7/8"		None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
None				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
1-1/4"	2228' KB	

31. PERFORATION RECORD (*Interval, size and number*)
2206' - 18' KB 2 JSPF
2228' - 36' KB 2 JSPF

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2206'-36' KB	250 gal Acid, 70M lbs/sand
	20076 gal wtr, 665,000 SCF-N2

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
7-3-82	Flowing	SI

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7-20-82	3	3/4"	→	0	153.25	0	-

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
87	252	→	0	1226	0	-

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*): Gas Vented during test. Gas to be sold

TEST WITNESSED BY: F. P. Crum, Jr.

35. LIST OF ATTACHMENTS: Single Point Back Pressure Test P.C. zone.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED [signature] TITLE Prod. Supt. - So. Rockies DATE August 17, 1982

*(See Instructions and Spaces for Additional Data on Reverse Side)

EXHIBIT B

MKL #16X

MCF @ 15.025 PSIA

Monthly Production Since Jan., 1978

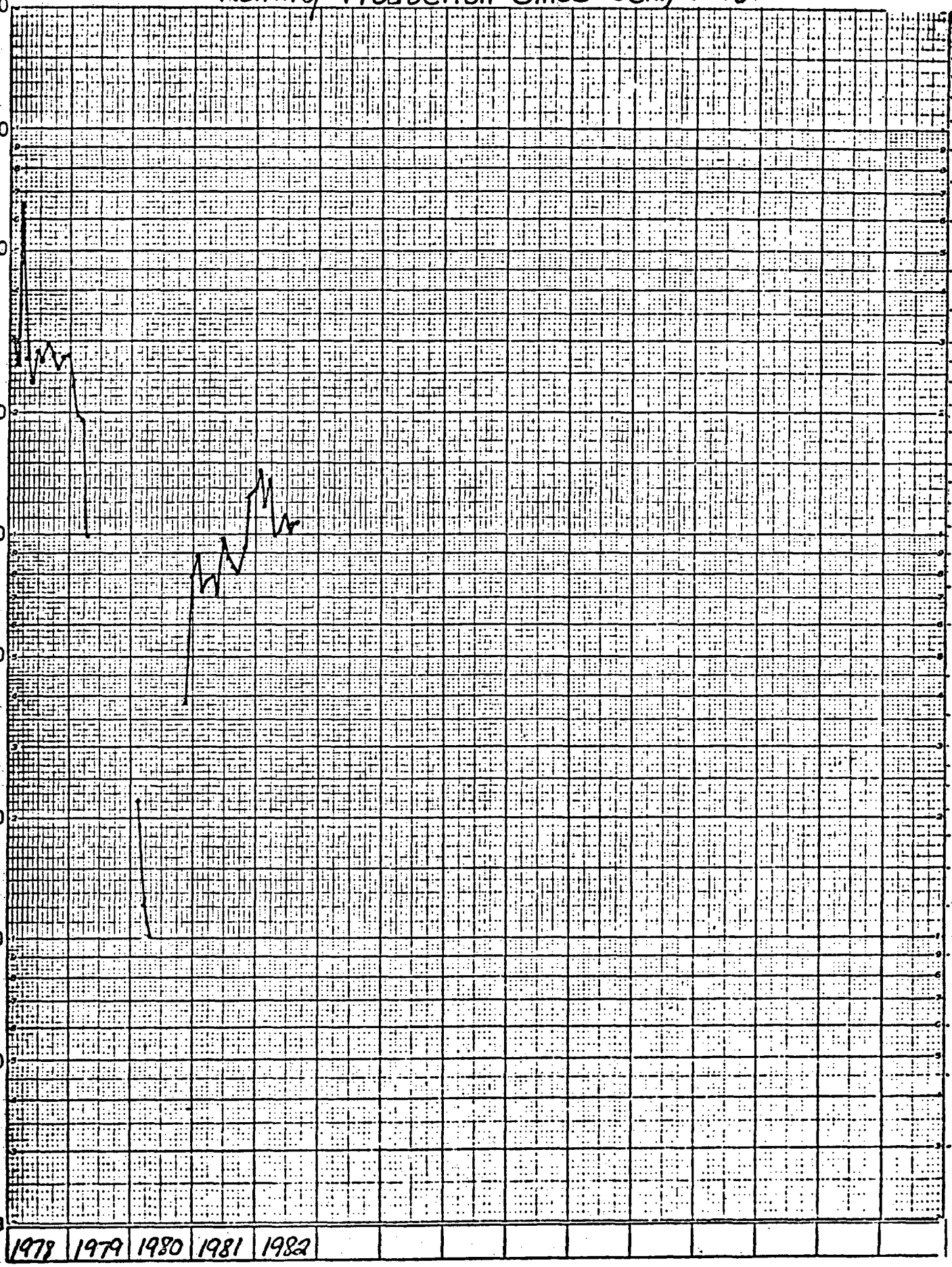


EXHIBIT C

FIELD : So. Blanco Pictured Cliffs
OPERATOR : DEPCO, Inc.
LEASE : MKL
WELL NO. : 16X

(1)