

NEW MEXICO OIL CONSERVATION COMMISSION

GAS WELL TEST DATA SHEET — SAN JUAN BASIN

(TO BE USED FOR FRUITLAND, PICTURED CLIFFS, MESAVERDE & ALL DAKOTA EXCEPT BARKER DOME STORAGE AREA)

Initial
Deliverability Test

74880 Pool AZTEC Lease SAN JUAN 29 9 No. 2
 Formation PC Unit L S 33 T 29 R 09 Pay Zone 2350 to 2396 Cty. SJ
 Casing - OD 7000 Wt. 2000 Set at 2989 Tubing - OD 1000 Wt. 0170 L 2425 (T. Perf.)
 Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow
 From 042139 To 042939 S.I.P. Measured 121958 Prod. String O.D. 7.000

Deadweight Flowing Pressure, psia
 Casing _____ (a) Tubing _____ (b) Meter _____ (c) Wt. 20.00

Flowing Pressure, psia
 Chart _____ (d) Tubing 717 (k) Casing 717 (j) Length 2350

Meter Error
0 (e)

Friction Loss
0 (f)

7 Day Avg. Flowing Pres., psia
 Chart 570 (g) Corrected 570 (h)

FRICTION CALCULATION

Grav. .667 $P_t =$ 570 (i) $GL =$ 1701 $(1-e^{-s}) =$.114

$(F_c Q)^2 =$ 7 $(1-e^{-s})(F_c Q)^2 = R^2 =$ 1 $P_t^2 =$ 324900 $P_w^2 =$ 324901

FLOW RATE CALCULATION

$Q =$ 154 (integrated) $\times \sqrt{\frac{(c)}{(d)} \frac{1.0000}{1.0000}} = \frac{1.0000}{1.0000} =$ 154

DELIVERABILITY CALCULATION

$D = Q$ 154 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N = \frac{2.0361}{1.8301} =$ 282

SUMMARY

$P_c =$ 717
 $Q =$ 154
 $P_w =$ 570
 $P_d =$ 359
 $D =$ 282

Unable to obtain 25% drawdown

D at 250 or 500 319

Note:

250 # for P.C.
 500 # for M.V.

Company EL PASO NATURAL GAS CO.By H. L. KENDRICKTitle GAS ENGINEER

Witnessed By _____

Company _____



[illegible]

7-100 100-445

68-10388-10389-10390-10391-10392-10393-10394-10395-10396-10397-10398-10399-10400-10401-10402-10403-10404-10405-10406-10407-10408-10409-10410-10411-10412-10413-10414-10415-10416-10417-10418-10419-10420-10421-10422-10423-10424-10425-10426-10427-10428-10429-10430-10431-10432-10433-10434-10435-10436-10437-10438-10439-10440-10441-10442-10443-10444-10445-10446-10447-10448-10449-10450-10451-10452-10453-10454-10455-10456-10457-10458-10459-10460-10461-10462-10463-10464-10465-10466-10467-10468-10469-10470-10471-10472-10473-10474-10475-10476-10477-10478-10479-10480-10481-10482-10483-10484-10485-10486-10487-10488-10489-10490-10491-10492-10493-10494-10495-10496-10497-10498-10499-10500-10501-10502-10503-10504-10505-10506-10507-10508-10509-10510-10511-10512-10513-10514-10515-10516-10517-10518-10519-10520-10521-10522-10523-10524-10525-10526-10527-10528-10529-10530-10531-10532-10533-10534-10535-10536-10537-10538-10539-10540-10541-10542-10543-10544-10545-10546-10547-10548-10549-10550-10551-10552-10553-10554-10555-10556-10557-10558-10559-10560-10561-10562-10563-10564-10565-10566-10567-10568-10569-10570-10571-10572-10573-10574-10575-10576-10577-10578-10579-10580-10581-10582-10583-10584-10585-10586-10587-10588-10589-10590-10591-10592-10593-10594-10595-10596-10597-10598-10599-10600-10601-10602-10603-10604-10605-10606-10607-10608-10609-10610-10611-10612-10613-10614-10615-10616-10617-10618-10619-10620-10621-10622-10623-10624-10625-10626-10627-10628-10629-10630-10631-10632-10633-10634-10635-10636-10637-10638-10639-10640-10641-10642-10643-10644-10645-10646-10647-10648-10649-10650-10651-10652-10653-10654-10655-10656-10657-10658-10659-10660-10661-10662-10663-10664-10665-10666-10667-10668-10669-10670-10671-10672-10673-10674-10675-10676-10677-10678-10679-10680-10681-10682-10683-10684-10685-10686-10687-10688-10689-10690-10691-10692-10693-10694-10695-10696-10697-10698-10699-10700-10701-10702-10703-10704-10705-10706-10707-10708-10709-10710-10711-10712-10713-10714-10715-10716-10717-10718-10719-10720-10721-10722-10723-10724-10725-10726-10727-10728-10729-10730-10731-10732-10733-10734-10735-10736-10737-10738-10739-10740-10741-10742-10743-10744-10745-10746-10747-10748-10749-10750-10751-10752-10753-10754-10755-10756-10757-10758-10759-10760-10761-10762-10763-10764-10765-10766-10767-10768-10769-10770-10771-10772-10773-10774-10775-10776-10777-10778-10779-10780-10781-10782-10783-10784-10785-10786-10787-10788-10789-10790-10791-10792-10793-10794-10795-10796-10797-10798-10799-10800-10801-10802-10803-10804-10805-10806-10807-10808-10809-10810-10811-10812-10813-10814-10815-10816-10817-10818-10819-10820-10821-10822-10823-10824-10825-10826-10827-10828-10829-10830-10831-10832-10833-10834-10835-10836-10837-10838-10839-10840-10841-10842-10843-10844-10845-10846-10847-10848-10849-10850-10851-10852-10853-10854-10855-10856-10857-10858-10859-10860-10861-10862-10863-10864-10865-10866-10867-10868-10869-10870-10871-10872-10873-10874-10875-10876-10877-10878-10879-10880-10881-10882-10883-10884-10885-10886-10887-10888-10889-10890-10891-10892-10893-10894-10895-10896-10897-10898-10899-10900-10901-10902-10903-10904-10905-10906-10907-10908-10909-10910-10911-10912-10913-10914-10915-10916-10917-10918-10919-10920-10921-10922-10923-10924-10925-10926-10927-10928-10929-10930-10931-10932-10933-10934-10935-10936-10937-10938-10939-10940-10941-10942-10943-10944-10945-10946-10947-10948-10949-10950-10951-10952-10953-10954-10955-10956-10957-10958-10959-10960-10961-10962-10963-10964-10965-10966-10967-10968-10969-10970-10971-10972-10973-10974-10975-10976-10977-10978-10979-10980-10981-10982-10983-10984-10985-10986-10987-10988-10989-10990-10991-10992-10993-10994-10995-10996-10997-10998-10999-11000-11001-11002-11003-11004-11005-11006-11007-11008-11009-11010-11011-11012-11013-11014-11015-11016-11017-11018-11019-11020-11021-11022-11023-11024-11025-11026-11027-11028-11029-11030-11031-11032-11033-11034-11035-11036-11037-11038-11039-11040-11041-11042-11043-11044-11045-11046-11047-11048-11049-11050-11051-11052-11053-11054-11055-11056-11057-11058-11059-11060-11061-11062-11063-11064-11065-11066-11067-11068-11069

7-63 8548 DTIC WOODRUFF 0001 0001

11-250 NATURAL GAS CO
 11-250 NATURAL GAS CO
 11-250 NATURAL GAS CO

STATION 3290

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00.85

0872

012 012 10 0

CHAILOK, KOREA

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

109458 COMASS - [unclear] [unclear] = 7.0 g / 100 ml

THE WORLD

471 000001 000001 (b) (7), (d) f

FRANCESCO MARZUQUINO

0077	0078	0079	0080	0081	0082	0083	0084	0085	0086	0087	0088	0089	0090	0091	0092	0093	0094	0095	0096	0097	0098	0099	0100	0101	0102	0103	0104	0105	0106	0107	0108	0109	0110	0111	0112	0113	0114	0115	0116	0117	0118	0119	0120	0121	0122	0123	0124	0125	0126	0127	0128	0129	0130	0131	0132	0133	0134	0135	0136	0137	0138	0139	0140	0141	0142	0143	0144	0145	0146	0147	0148	0149	0150	0151	0152	0153	0154	0155	0156	0157	0158	0159	0160	0161	0162	0163	0164	0165	0166	0167	0168	0169	0170	0171	0172	0173	0174	0175	0176	0177	0178	0179	0180	0181	0182	0183	0184	0185	0186	0187	0188	0189	0190	0191	0192	0193	0194	0195	0196	0197	0198	0199	0200	0201	0202	0203	0204	0205	0206	0207	0208	0209	0210	0211	0212	0213	0214	0215	0216	0217	0218	0219	0220	0221	0222	0223	0224	0225	0226	0227	0228	0229	0230	0231	0232	0233	0234	0235	0236	0237	0238	0239	0240	0241	0242	0243	0244	0245	0246	0247	0248	0249	0250	0251	0252	0253	0254	0255	0256	0257	0258	0259	0260	0261	0262	0263	0264	0265	0266	0267	0268	0269	0270	0271	0272	0273	0274	0275	0276	0277	0278	0279	0280	0281	0282	0283	0284	0285	0286	0287	0288	0289	0290	0291	0292	0293	0294	0295	0296	0297	0298	0299	0300	0301	0302	0303	0304	0305	0306	0307	0308	0309	0310	0311	0312	0313	0314	0315	0316	0317	0318	0319	0320	0321	0322	0323	0324	0325	0326	0327	0328	0329	0330	0331	0332	0333	0334	0335	0336	0337	0338	0339	0340	0341	0342	0343	0344	0345	0346	0347	0348	0349	0350	0351	0352	0353	0354	0355	0356	0357	0358	0359	0360	0361	0362	0363	0364	0365	0366	0367	0368	0369	0370	0371	0372	0373	0374	0375	0376	0377	0378	0379	0380	0381	0382	0383	0384	0385	0386	0387	0388	0389	0390	0391	0392	0393	0394	0395	0396	0397	0398	0399	0400	0401	0402	0403	0404	0405	0406	0407	0408	0409	0410	0411	0412	0413	0414	0415	0416	0417	0418	0419	0420	0421	0422	0423	0424	0425	0426	0427	0428	0429	0430	0431	0432	0433	0434	0435	0436	0437	0438	0439	0440	0441	0442	0443	0444	0445	0446	0447	0448	0449	0450	0451	0452	0453	0454	0455	0456	0457	0458	0459	0460	0461	0462	0463	0464	0465	0466	0467	0468	0469	0470	0471	0472	0473	0474	0475	0476	0477	0478	0479	0480	0481	0482	0483	0484	0485</
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A circular ink stamp is located in the upper right corner of the document. The word "RECEIVED" is curved along the top inner edge of the circle. In the center of the circle, the date "JAN 1 1952" is stamped. Along the bottom inner edge of the circle, the text "OIL CO. N. CO. MO." is stamped.

SECRET

10/24/72

55104-104-200