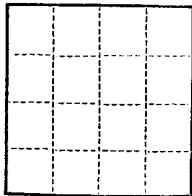


COPY TO O. C. C.

(SUBMIT IN TRIPLICATE)

Land Office Santa Fe
Lease No. 078945
Unit DaumUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	☒	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

July 13, 1953

Well No. 5-A is located 1650 ft. from XXX line and 1650 ft. from XXX line of sec. 1SW Section 1
(1/4 Sec. and Sec. No.)29N
(Twp.)7E
(Range)N. M. P. M.
(Meridian)Blanco
(Field)Rio Arriba
(County or Subdivision)New Mexico
(State or Territory)The elevation of the derrick floor above sea level is 6806 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

It is intended to drill a well with rotary tools through the Mesaverde, drilling the pay with gas circulation, and to shoot the entire Mesaverde with two quarts S. N. G. per foot. Total depth 5988'.

Casing Program:

9-5/8" at 160' with 125 sacks regular cement circulated to surface

7 " at 5351' with 300 sacks regular cement.

The W/2 of Section 1 is dedicated to this well.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company El Paso Natural Gas CompanyAddress P. O. Box 997Farmington, New MexicoBy [Signature]Title Petroleum Engineer

NEW MEXICO
OIL CONSERVATION COMMISSION

Gas Well Plat

Date March 11, 1954

El Paso Natural Gas Company

Daum

5-A

Operator

Lease

Well No.

Name of Producing Formation Mesa Verde Pool Blanco

No. Acres Dedicated to the Well 320

Indicate land status and show ownership. Federal

SECTION 1 TOWNSHIP 29N RANGE 7W

SF 078945			

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

Name ORIGINAL SIGNED SCHOOL SCHULEMAN

Position Petroleum Engineer

Representing El Paso Natural Gas Co.

Address Farmington, New Mexico

(over)

OIL CONSERVATION COMMISSION

AZTEC DISTRICT OFFICE

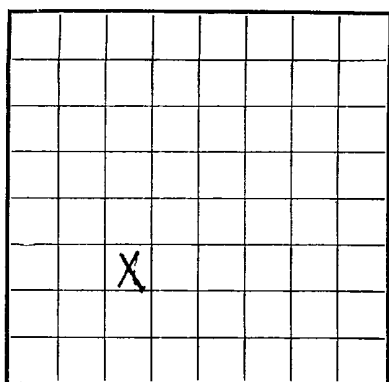
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U. S. LAND OFFICE Santa FeSERIAL NUMBER 078945

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 597 Farmington, New Mexico
Lessor or Tract Daum Field Blanco State New Mexico
Well No. 5-4 Sec. 1 T. 29N R. 7W Meridian N.M.P.M. County Rio Arriba
Location 1650 ft. (N.) of S Line and 1650 ft. (E.) of W Line of Section 1 Elevation 6000
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed

Date November 25, 1953Title Petroleum Engineer

The summary on this page is for the condition of the well at above date.

Commenced drilling September 30, 1953 Finished drilling November 1, 1953

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3683 to 3757 (G) No. 4, from 5057 to 6031 (G)
No. 2, from 5112 to 5530 (G) No. 5, from _____ to _____
No. 3, from 5530 to 5857 (G) No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
9-5/8	36	8 rd	Spang	161	Howco				Surface
7	23	8 rd	Spang	1615	Howco				Surface
7	23	8 rd	Spang	1615	Howco				Surface
2"	4.7	8 rd	Youngst.	5977	Howco				Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	171	125	Circulated		
7	5100	500	Sing. Stage		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
4 1/2"	regular	S.N.G.	1536	11-2-53	5117-6031	6031

TOOLS USED

Gas Drilling

Rotary tools were used from _____ feet to 5100 feet, and from 5100 feet to 6031 feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

November 1, 1953 Put to producing _____, 19____

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours 3,780,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 997

EMPLOYEES

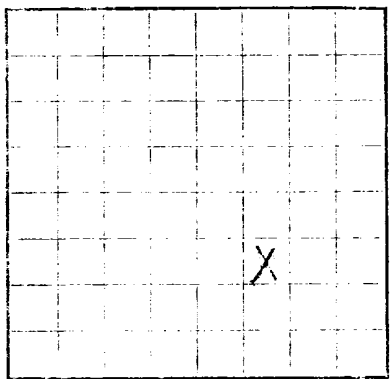
_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	678	678	Tan cr-grn ss w/thin sh breaks. Variegated sh w/thin ss breaks. Tan to gry cr-grn ss interbedded w/gry sh. Ojo Alamo ss. White cr-grn s. Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss. Fruitland formation. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss. Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss.
678	1650	972	
1650	2735	1085	
2735	2907	172	
2907	3433	526	
3433	3683	250	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks. Cliff House ss. Gry, fine-grn, dense sil ss. Menefee formation. Gry, fine-grn s, carb sh and coal. Point Lookout formation. Gry, very fine sil ss w/frequent sh breaks. Mancos formation. Clay sh.
3683	3757	74	
3757	5112	1655	
5112	5530	118	
5530	5857	327	
5857	6031	174	Ojo Alamo 3433 Cliff House 5112 Kirtland 2907 Menefee 5530 Fruitland 3433 Pt. Lookout 5857 Pict. Cliffs 3683 Lewis 3757

[OVER]

16-43094-3



LOG OF OIL OR GAS WELL

GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

UNITED STATES

LEAVE ON PERMIT TO PROTECT

GENERAL NUMBER

and I...

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed _____

Location of _____ ft. of _____ ft. [E. of _____ line of _____ Elevation _____ (1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (12) (13) (14) (15) (16) (17) (18) (19) (20) (21) (22) (23) (24) (25) (26) (27) (28) (29) (30) (31) (32) (33) (34) (35) (36) (37) (38) (39) (40) (41) (42) (43) (44) (45) (46) (47) (48) (49) (50) (51) (52) (53) (54) (55) (56) (57) (58) (59) (60) (61) (62) (63) (64) (65) (66) (67) (68) (69) (70) (71) (72) (73) (74) (75) (76) (77) (78) (79) (80) (81) (82) (83) (84) (85) (86) (87) (88) (89) (90) (91) (92) (93) (94) (95) (96) (97) (98) (99) (100) (101) (102) (103) (104) (105) (106) (107) (108) (109) (110) (111) (112) (113) (114) (115) (116) (117) (118) (119) (120) (121) (122) (123) (124) (125) (126) (127) (128) (129) (130) (131) (132) (133) (134) (135) (136) (137) (138) (139) (140) (141) (142) (143) (144) (145) (146) (147) (148) (149) (150) (151) (152) (153) (154) (155) (156) (157) (158) (159) (160) (161) (162) (163) (164) (165) (166) (167) (168) (169) (170) (171) (172) (173) (174) (175) (176) (177) (178) (179) (180) (181) (182) (183) (184) (185) (186) (187) (188) (189) (190) (191) (192) (193) (194) (195) (196) (197) (198) (199) (200) (201) (202) (203) (204) (205) (206) (207) (208) (209) (210) (211) (212) (213) (214) (215) (216) (217) (218) (219) (220) (221) (222) (223) (224) (225) (226) (227) (228) (229) (230) (231) (232) (233) (234) (235) (236) (237) (238) (239) (240) (241) (242) (243) (244) (245) (246) (247) (248) (249) (250) (251) (252) (253) (254) (255) (256) (257) (258) (259) (260) (261) (262) (263) (264) (265) (266) (267) (268) (269) (270) (271) (272) (273) (274) (275) (276) (277) (278) (279) (280) (281) (282) (283) (284) (285) (286) (287) (288) (289) (290) (291) (292) (293) (294) (295) (296) (297) (298) (299) (300) (301) (302) (303) (304) (305) (306) (307) (308) (309) (310) (311) (312) (313) (314) (315) (316) (317) (318) (319) (320) (321) (322) (323) (324) (325) (326) (327) (328) (329) (330) (331) (332) (333) (334) (335) (336) (337) (338) (339) (340) (341) (342) (343) (344) (345) (346) (347) (348) (349) (350) (351) (352) (353) (354) (355) (356) (357) (358) (359) (360) (361) (362) (363) (364) (365) (366) (367) (368) (369) (370) (371) (372) (373) (374) (375) (376) (377) (378) (379) (380) (381) (382) (383) (384) (385) (386) (387) (388) (389) (390) (391) (392) (393) (394) (395) (396) (397) (398) (399) (400) (401) (402) (403) (404) (405) (406) (407) (408) (409) (410) (411) (412) (413) (414) (415) (416) (417) (418) (419) (420) (421) (422) (423) (424) (425) (426) (427) (428) (429) (430) (431) (432) (433) (434) (435) (436) (437) (438) (439) (440) (441) (442) (443) (444) (445) (446) (447) (448) (449) (450) (451) (452) (453) (454) (455) (456) (457) (458) (459) (460) (461) (462) (463) (464) (465) (466) (467) (468) (469) (470) (471) (472) (473) (474) (475) (476) (477) (478) (479) (480) (481) (482) (483) (484) (485) (486) (487) (488) (489) (490) (491) (492) (493) (494) (495) (496) (497) (498) (499) (500) (501) (502) (503) (504) (505) (506) (507) (508) (509) (510) (511) (512) (513) (514) (515) (516) (517) (518) (519) (520) (521) (522) (523) (524) (525) (526) (527) (528) (529) (530) (531) (532) (533) (534) (535) (536) (537) (538) (539) (540) (541) (542) (543) (544) (545) (546) (547) (548) (549) (550) (551) (552) (553) (554) (555) (556) (557) (558) (559) (560) (561) (562) (563) (564) (565) (566) (567) (568) (569) (570) (571) (572) (573) (574) (575) (576) (577) (578) (579) (580) (581) (582) (583) (584) (585) (586) (587) (588) (589) (590) (591) (592) (593) (594) (595) (596) (597) (598) (599) (600) (601) (602) (603) (604) (605) (606) (607) (608) (609) (610) (611) (612) (613) (614) (615) (616) (617) (618) (619) (620) (621) (622) (623) (624) (625) (626) (627) (628) (629) (630) (631) (632) (633) (634) (635) (636) (637) (638) (639) (640) (641) (642) (643) (644) (645) (646) (647) (648) (649) (650) (651) (652) (653) (654) (655) (656) (657) (658) (659) (660) (661) (662) (663) (664) (665) (666) (667) (668) (669) (670) (671) (672) (673) (674) (675) (676) (677) (678) (679) (680) (681) (682) (683) (684) (685) (686) (687) (688) (689) (690) (691) (692) (693) (694) (695) (696) (697) (698) (699) (700) (701) (702) (703) (704) (705) (706) (707) (708) (709) (710) (711) (712) (713) (714) (715) (716) (717) (718) (719) (720) (721) (722) (723) (724) (725) (726) (727) (728) (729) (730) (731) (732) (733) (734) (735) (736) (737) (738) (739) (740) (741) (742) (743) (744) (745) (746) (747) (748) (749) (750) (751) (752) (753) (754) (755) (756) (757) (758) (759) (760) (761) (762) (763) (764) (765) (766) (767) (768) (769) (770) (771) (772) (773) (774) (775) (776) (777) (778) (779) (780) (781) (782) (783) (784) (785) (786) (787) (788) (789) (790) (791) (792) (793) (794) (795) (796) (797) (798) (799) (800) (801) (802) (803) (804) (805) (806) (807) (808) (809) (810) (811) (812) (813) (814) (815) (816) (817) (818) (819) (820) (821) (822) (823) (824) (825) (826) (827) (828) (

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The summary on this page is for the condition of the well at above date.

Continued drilling _____ 19 _____

ON THE CAUSE OF SOME

OIL OR GAS SANDS OR ZONES

(Dated 22nd May 1961)

..... of from 1.0%

[illegible]

most 2.0%

IMPORTANT WATER SANDS

..... of from 1.0% of from 1.0%

of methyl 4-oxo-2-pentenoate 5.9Z

CASING RECORD

[illegible]

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to keep the water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL.

MODDING AND CEMENTING RECORD

[illegible]

PLUGS AND ADAPTERS

[illegible]

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Dredge cleaned out

TOOLS USED

TOOL USED

1991	of 1991	most had, 1991	of 1991	most had, 1991
1991	of 1991	most had, 1991	of 1991	most had, 1991

DATE

[illegible]

EMPLOYEES

Driller		Driller
Driller		Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
			varicolored soft ss. Pictured Cliffs formation. Gty, fine-grn, tight, coals and gty, tight, fine-grn ss. Harding formation. Gty carb sh, scattered coals gty, fine-grn ss. Harding formation. Gty sh interbedded w/ tight Gty, fine-grn ss. With a thin ss. Tan to gray, coars to interbedded w/ gty sh. Varicolored sh w/ thin ss breaks. Tan cr-grn ss w/ thin sh breaks.
			Harding formation. Gty carb sh w/ frequent sh breaks. Point Lookout formation. Gty, very fine sil ss Alameda formation. Gty, fine-grn, carb sh and Cliff House. Gty, fine-grn, dense sil ss. to shaly ss breaks.

Pictured Cliffs formation. Gty, fine-grn, tight, coals and gty, tight, fine-grn ss.
 Fairbank formation. Gty carb sh, scattered coals gty, fine-grn ss.
 Keweenaw formation. Gty sh interbedded w/light Gty, thin ss. W/ln a coarse ss.
 Tan to grey, carb ss interbedded w/gty sh. Variegated sh w/thin ss breaks.
 Tan cr-gm ss w/thin sh breaks.

Lewis formation. Grt to white dense sh w/silisy
 to shaly ss breaks.
 Cliff House. Grt fine grn, dense sil ss.
 Atlantic formation. Grt fine grn ss carb sh and
 coal.
 Point Lookout formation. Grt very fine sil ss
 w/frequent sh breaks.
 Atlantic formation. Grt carb sh