SUBMIT IN TRIPLICATE*

Form approved. Budget Bureau No. 42-R1425.

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NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102 Supersedes C-128 Effective 1-1-65

		All distances	must be from th	e outer boundarie	s of the Section.		
Cperater EL PASO	NATURAL G	AS COMPANY	Leas SA		7 UNIT (SF	`- 078943-A	A) Well No. 89A
Unit Letter Section E	7	Township 29-1		Range 7-W	County	RIO ARRIE	BA
Actual Footage Location of 2020 feet	f Well: from the	NORTH	line and	390	feet from the	WEST	line
Ground Level Elev. 63 50	Producing For ME	maticn SA VERDE	Pcol	B.LANCO	MESA VERI	DE ,	edicated Acreage: 226.72 Acres
1. Outline the acr	eage dedica	ted to the sul	bject well by	colored pend	cil or hachure	marks on the	plat below.
2. If more than or interest and roy		dedicated to	the well, out	line each and	identify the	ownership the	reof (both as to working
 If more than one dated by commu 			•		ell, have the	interests of a	ll owners been consoli-
X Yes	No If a	nswer is "yes;	type of con	solidation	Unitizat.	ion	
If answer is "n this form if nece		owners and tra	act description	ons which hav	c actually be	en consolidate	ed. (Use reverse side of
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3500	7 211					January	12, 1978
	K. W.	SECTION	7	! !			
771-11						I hereby co	ertify that the well location
	SF-07	3943-A		. [·	shown on th	is plat was plotted from field tual surveys made by me or
		89 له				under my su	pervision, and that the same
		°		1		knowledge a	correct to the best of my
	† — — — — <u> </u>						
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	1		*. 	1		Registered Pro and/or Land S	
	<u> </u>					Valen	Wilsen
P7			2017	nd here		Certificate No	1760



P. O. BOX 990 FARMINGTON, NEW MEXICO 87401 PHONE: 505-325-2841

Multi-Point Surface Use Plan San Juan 29-7 Unit #89A

- 1. Existing Road Please refer to Map No. 1 which shows the existing roads. New roads which will be required have been marked on this map.

 All existing and new roads will be properly maintained during the duration of this project.
- 2. Planned Access Roads Please refer to Map No. 1. The grade of the access roads will be consistent with that of the local terrain. The road surface will not exceed twenty feet (20') in width. Upon completion of the project, the access road will be adequately drained to control soil erosion. Drainage facilities may include ditches, water bars, culverts or any other measure deemed necessary by trained Company personnel to insure proper drainage. Gates and/or cattleguards will be installed if necessary.
- 3. Location of Existing Wells Please refer to Map No. 2
- 4. Location of Tank Batteries, Production Facilities, and Production Gathering and Service Lines Please refer to Maps No. 1 and No. 2.

 Map No. 2 shows the existing gas gathering lines. Map No. 1 shows the existing roads and new proposed access roads. All known production facilities are shown on these two maps.
- 5. Location and Type of Water Supply Water for the proposed project will be obtained from a water hole located at Manzaneras Water Well.
- 6. Source of Construction Materials No additional materials will be required to build either the access road or the proposed location.

- 7. Methods of Handling Waste Materials - All garbage and trash materials will be put into a burn pit shown on the attached Location Plat No. 1. When clean-up operations are begun on the proposed project, the burn pit with its refuse will be buried to a depth of at least three feet (3'). A latrine, the location of which is also shown on Plat No. 1 will be provided for human waste. If large amounts of liquids are left in the reserve pit after completion of the project, the pit will be fenced until the liquids have had adequate time to dry. The location clean-up will not take place until such time as the reserve pit can be properly covered over to prevent run-off from carrying any of these materials into the watershed. No earthen pit will be located on natural drainages; all earthen pits will be so constructed as to prevent leakage from occurring.
- 8. Ancillary Facilities No camps or airstrips will be associated with this project.
- 9. Wellsite Layout Please refer to the attached Plat No. 1.
- 10. Plans for Restoration of the Surface After completion of the proposed project, the location will be cleaned and leveled. The location will be left in such a condition that will enable reseeding operations to be carried out. Seed Mixture #2 will be used. The reseeding operation will be performed during the time period set forth by the regulatory body. The location production equipment will be painted green (Federal Standard #595-34127)
- 11. Other Information The terrain is rough rocky hillsides with large boulders, and pinon and cedar trees growing. Deer graze the proposed project site.

- 12. Operator's Representative W. D. Dawson, Post Office Box 990, Farmington, New Mexico 87401
- 13. Certification -

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by El Paso Natural Gas Company and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

January 12, 1978

D. R. Read

Division Drilling Engineer

DRR:pb

Operations Plan San Juan 29-7 Unit #89A

I. Location: 2020'N, 390'W, Section 7, T-29-N, R-7-W, Rio Arriba County, NM

Field: Blanco Mesa Verde Elevation: 6360'GL

II. <u>Geo</u>logy:

- A. Formation Tops: Surface San Jose Lewis 3250' Ojo Alamo 2106' Mesa Verde 4733' Kirtland 2263' Menefee 4853' Fruitland 2770**'** Point Lookout 52801 Pic.Cliffs 3106' Total Depth 5730**'**
- B. Logging Program: GR-Ind. and GR-Density at Total Depth.
- C. Coring Program: none
- D. Natural Gauges: 4723', 4843', 5270' and at Total Depth.
 Also gauge any noticeable increase in gas. Record all gauges in
 daily drilling report and on morning report.

III. Drilling:

A. Mud Program: mud from surface to 3450'. Gas from intermediate casing to Total Depth.

IV. Materials:

A. Casing		Program:	Hole Size		Depth	Casing Size	Wt.&G	Wt.&Grade	
			13	3/4"	200'	9 5/8"	32.3#	H-40	
			8	3/4"	3450'	7"	20.0#	K-55	
			6	1/4"	3300-5730 '	4 1/2"	10.5#	K-55	

B. Float Equipment: 9 5/8" surface casing - Larkin guide shoe (fig. 102)

7" intermediate casing - Dowell guide shoe (fig. 50101) and Dowell self-fill insert float valve (fig. 53003), 5 B&W stabilizers (Prod. No. 637085) every other joint above shoe. Run float two joints above shoe.

- 4 1/2" liner 4 1/2" liner hanger with neoprene packoff. Larkin geyser shoe (fig. 222) and Larkin flapper type float collar (fig. 404 M&F).
- C. Tubing: 5730' of 2 3/8", 4.7#, J-55 8rd EUE tubing with a common pump seating nipple above perforated pup joint with bull plugged full joint for mud anchor on bottom.
- D. Wellhead Equipment: 10" 900 x 9 5/8" casing head. 10" 900 x 6" 900 xmas tree.

V. Cementing:

9 5/8" surface casing - use 190 sks. of Class "B" cement with 1/4# gel-flake per sack and 3% calcium chloride (224 cu.ft. of slurry, 100% excess to circulate to surface). WOC 12 hours. Test casing to 600#/30 minutes.

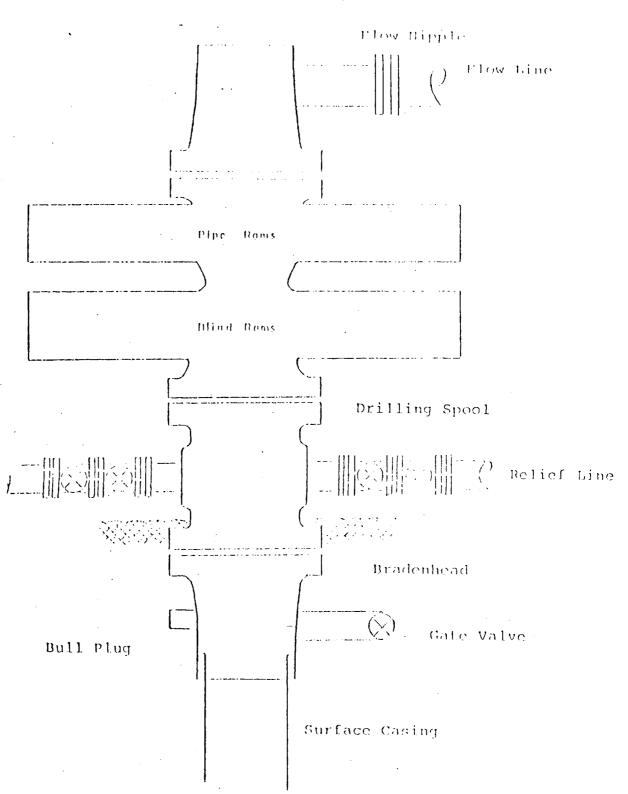
7" intermediate casing - use 115 sks. of 65/35 Class "B" Poz with 6% gel and 2% calcium chloride (8.3 gallons of water per sack) followed by 100 sks. of Class "B" with 2% calcium chloride (304 cu.ft. of slurry, 50% excess to cover Ojo Alamo). Run temperature survey at 8 hours. WOC 12 hours. Test casing to 1200#/30 minutes.

4 1/2" liner - precede cement with 20 barrels of gel water (2 sks. gel) Cement with 245 sks. of Class "B" cement with 4% gel, 1/4 cu.ft. of fine gilsonite per sack and 0.6% Halad-9 (431 cu.ft. of slurry, 70% excess to circulate liner). WOC 18 hours.



500 From wellhoard to File 8 ft Cut 10 ft 1,2% Energy | ار ماده د در ا ماده در در در در Draw Korks Much Torak Rusario 12 Fart Tunk

Ford Location Plat for Masa Vorde and Water Wells



Series 900 Double Gate BOP, rated at 3000 psi Working Pressure When gas drilling operations begin a Shaffer type 50 or equivalent rotating head is installed on top of the flow nipple and the flow line is converted into a blowie line

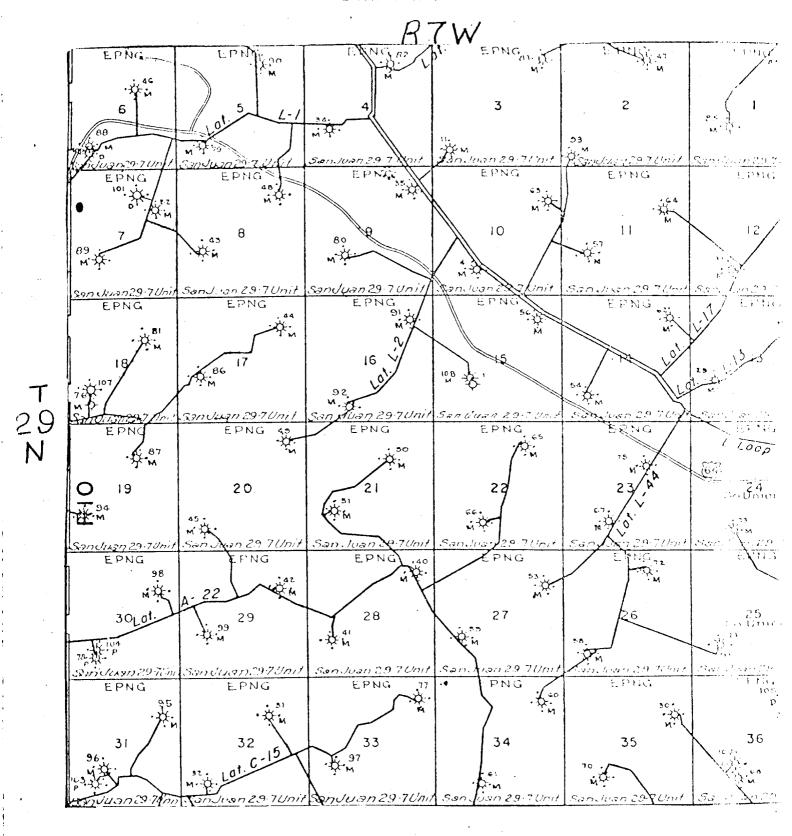
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