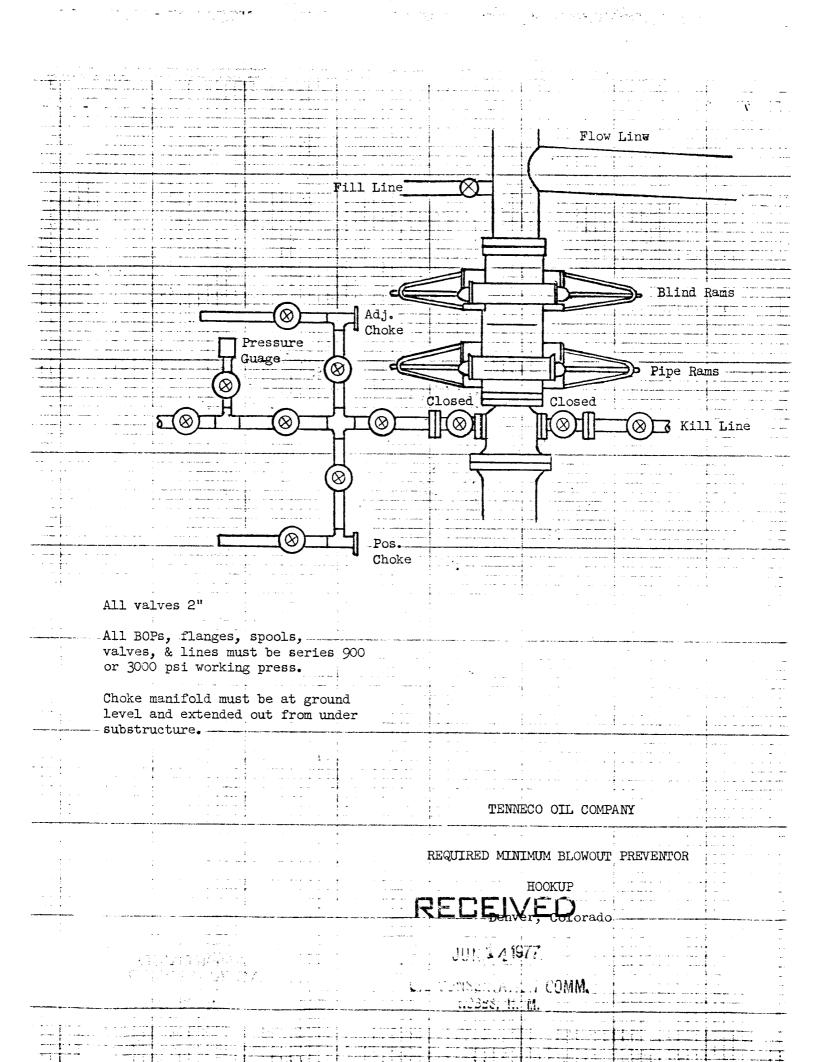
ACTING DISTRICT ENGINEER

DEPARTMENT OF THE INTERIOR



NEW . .XICO OIL CONSERVATION COMMISSION. WELL LOCATION AND ACREAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section

			m the outer botaldaries o		· · · · · · · · · · · · · · · · · · ·
TENNECO	OIL COMPANY		Leonard Br	others	Well No.
1 Init Letter	Section	Township	Romge	County	
F	11	26 South	37 East	Lea	
Actual Footage Loc	feet from the	north line and	2190 te	et from the West	line
Ground Level Elev. 3000.1	Producing For Queer	mation 1-Penrose	Leonard Queen	South	Dedicated Acreage: 40 Acres
1. Outline th	e acreage dedica	ted to the subject we	ll by colored pencil	or hachure marks on tl	
	nan one lease is nd royalty).	dedicated to the well	outline each and id	entify the ownership t	hereof (both as to working
dated by o	communitization, 1	initization, force-poolir	g. etc?		f all owners been consoli-
Yes	No If a	nswer is "yes;" type of	consolidation		
1 .		owners and tract descr	iptions which have a	ctually been consolid	ated. (Use reverse side of
No allowai					nmunitization, unitization, approved by the Commis-
	. <u></u>		i		CERTIFICATION
			İ		
	1			1 1	certify that the information con- trein is true and complete to the
	1	0 8 6	l	best of m	y knowledge and belief.
	1	_			
				Ted	# Drake
				Product	tion Analyst
219	o'	-0	1	Company Tenneco	Oil Company
				April 1	2, 1977
	<u> </u>				
	1		l I	1 heraby	certify that the well location
	1		1	! !	this plat was plotted from field
	1	<i>A</i>	THE STATE OF THE S	1 1	actual surveys made by me or supervision, and that the same
			1416 OF 18	is true	and correct to the best of my
	- - +		676	knowledg	e and belief.
	ì		12 0 0	Date Survey	- ad
	1		CAA MEXICO	·	7, 1977
	1 		W. WE	Registered and/or Lan	Professional Engineer d Surveyor
	1	·	, 		by W Want
		2000		Catificate	No. 676

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JUN & 4.1977.

C.L. Commission Commis

Leonard Bros. Well # 10

SURFACE USE PLAN

Existing Roads

See surveyor's plat for actual staking.

- b. This well site is located approximately 3 miles SE and 1½ miles E of Jal, N.M. Drive SE on 18 for 3 miles and turn E ¼ mile past mile marker #5. Follow map on Exhibit "B" from there.
- c. See exhibit "B" for access roads.

d. This is not an exploratory well.e. See Exhibit "B" for one mile radius road map.

f. No improvements or maintenance is anticipated for existing roads.

Planned Access Roads a&b. See Exhibit "B". We plan to construct 1320' of 12' wide road. We will construct water bars where necessary. This area is nearly level.

c. There will be no turnouts.

d&e. Water bars will be constructed where required to prevent erosion. New road will have a 6" drop from center line on each side. Road will be cut into any arroyos and sloped across bottom to maintain normal drainage. Cuts and fills will be kept to a minimum. f. We will use six inches of caliche, bladed, watered, and compacted on the road surface.

- g. No gates, cattleguards, or fences will be needed.
- h. Proposed road has been center line flagged.

- 3. Location of Existing Wells a-i. See Exhibits "B" and "C" for locations of existing wells.
- Location of Existing and or Proposed Facilities.

a&b. See Exhibit "D".

- c. Rehabilitation will commence immediately following removal of drilling and completion equipment from location. Pits will be backfilled and leveled as soon as practical to to original condition. (See section 10 below)
- d. We are hereby applying for construction of all necessary lines to the tank battery as shown on Exhibit "D".

Location and Type of Water Supply

- a&b. Water will be hauled from Jal, New Mexico over existing roads.
 - c. No water well will be drilled.

6. Source of Construction Materials

a-d. Caliche for surfacing new road and location will be hauled over existing roads from pits located in Sec.23, 14, & 15 T26S, R37E. Caliche will be bought from the Federal Gov't. No new access roads across federal or Indian lands will be needed.

Methods for Handling Waste Disposal

a. Cuttings will be disposed of in the reserve pit.

- b&c. Drilling fluids and produced water will be collected in the reserve pit and hauled away to an approved disposal system or a separate disposal application will be submitted. Any produced oil will be run to the tank.
- d&e. All detrimental debris will be hauled away or burned or buried with a minimum cover of 36" of dirt. Barrel trash containers will be placed around location during drilling and completion operations.
 - f. See section 4:c above and section 10 below for clean up operations.

8. Ancilliary Facilities

- a. No camps or airstrips will be needed.
- Well Site Lay out a-c. See Exhibit "A"

- d. Pits will be lined with plastic and covered with a fine mesh netting if necessary for the protection of wildlife if fluids are found to be toxic.
- 10. Plans for Restoration of Surface
 - a. See section 4:c and section 7:a-f.
 - b. Location will be reseeded as per BLM specifications if well is productive. If unproductive, roads and location will be ripped and reseeded as per BLM specifications.
 - c. Prior to rig release, pits will be fenced and so maintained until cleanup.
 - d. If any oil is on the pit, it will be removed or flagged. e. See section 4:c for time table.

(continued on next page)

11. Other Information

- a. Site is located in low rolling sand hills as can be seen on Exhibit "B". The soil is very sandy with sparse vegetation. The vegetation consists of grass, wood, shinnery and other semi desert plants.
- b. The surface is used for grazing.
- c. There are no ponds or streams within $\frac{1}{2}$ mile of location. No buildings residences or water wells are within $\frac{1}{2}$ mile of location.
- d. A sign identifying and locating well will be maintained at the drill site with the spudding of this well.
- e. There were no archeological resources observed at this site.
- f. All open pits will be fenced.

12. Operator's Representative.

Field personnel who can be contacted concerning compliance of this Surface Use Plan are as follows: Darrell Brown, 1860 Lincoln, Suite 1200, Denver, Colorado 80295
 Office = 303/292-9920 ext. 254 Home = 303/771-8297

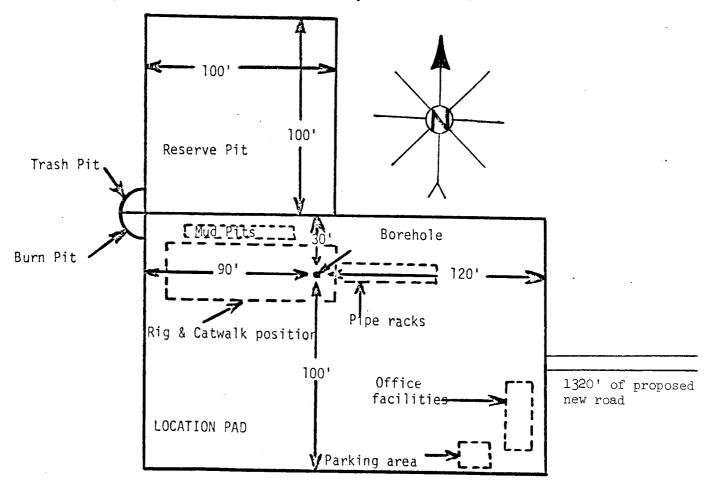
13. Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions as they actually exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the proposed work performed by Tenneco Oil Company and its contractors and sub-contractors will conform to this plan.

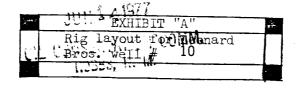
APR 14 197

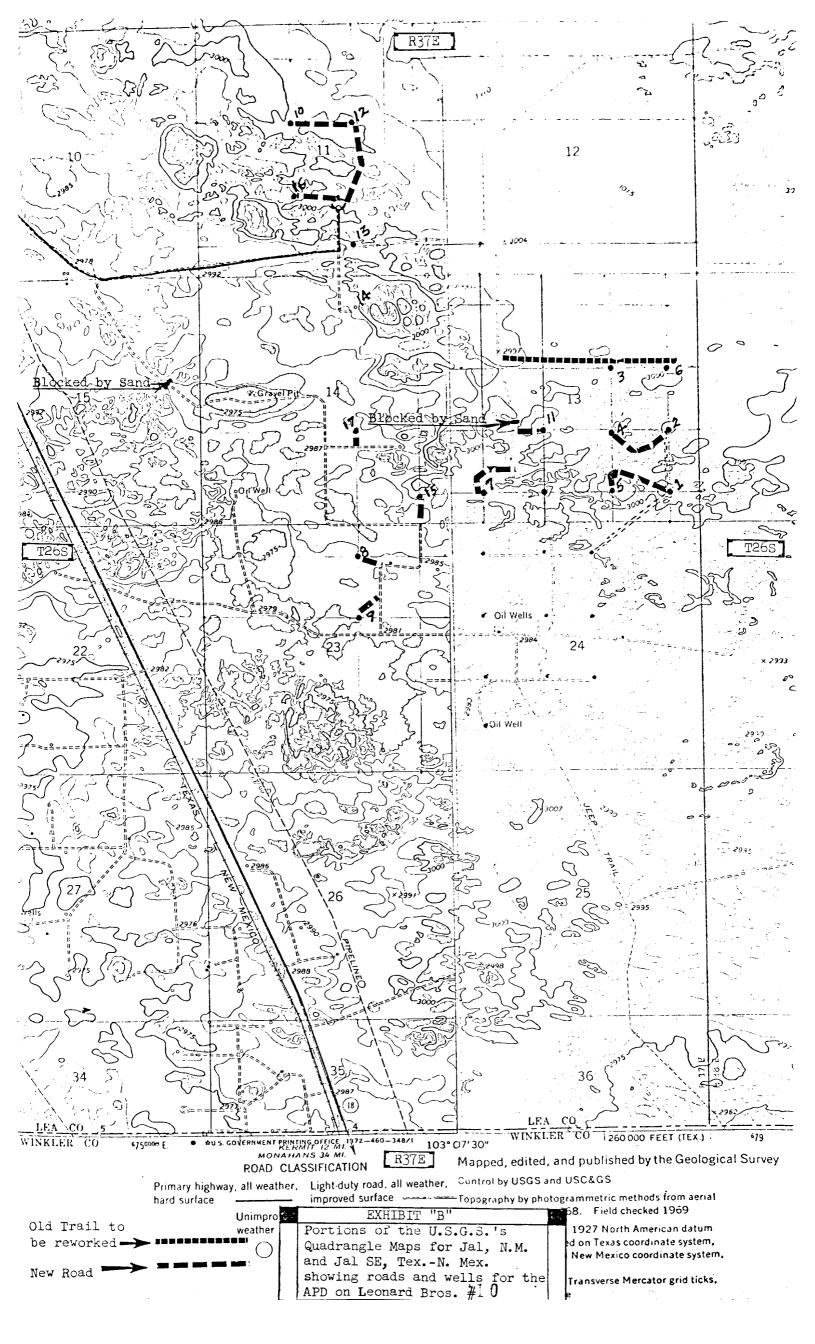
D.E. Brown
Division Drilling Engineer

Due to shifting sand dunes, some sand may have to be pushed off location but major cuts or fills will be kept to a minimum in this nearly level terrain.



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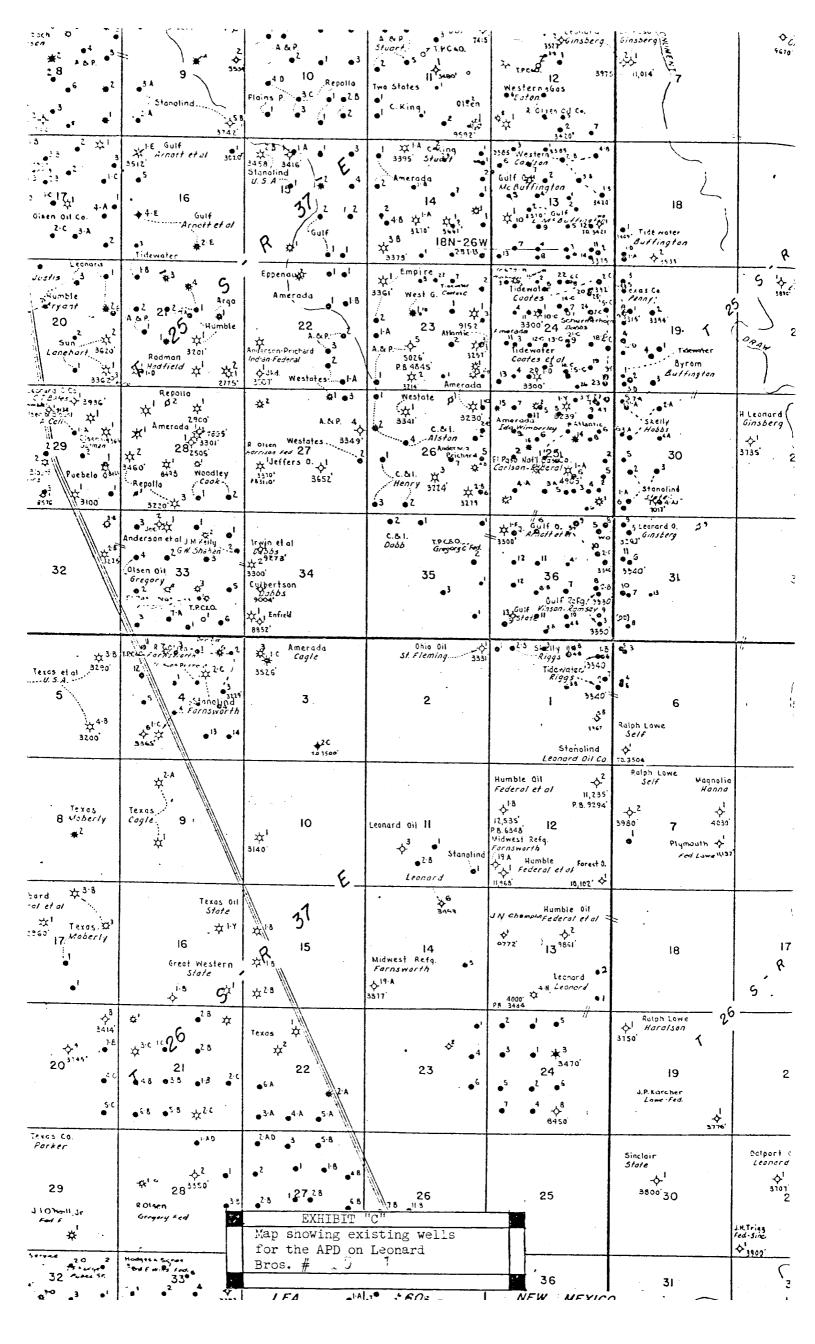


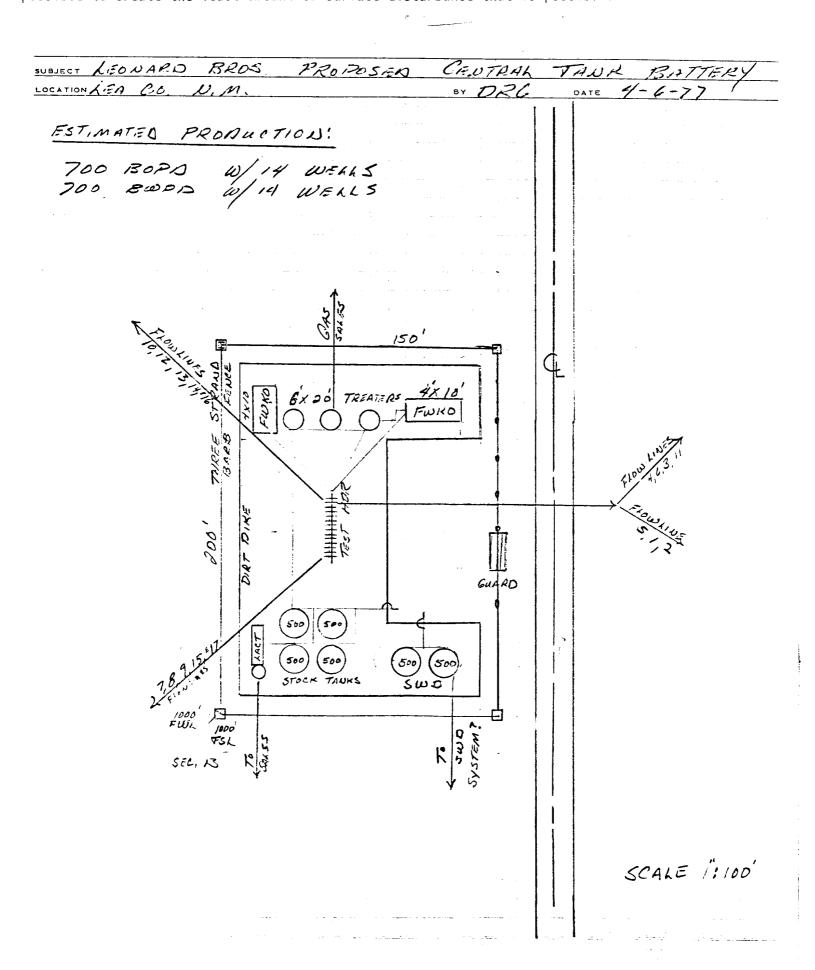
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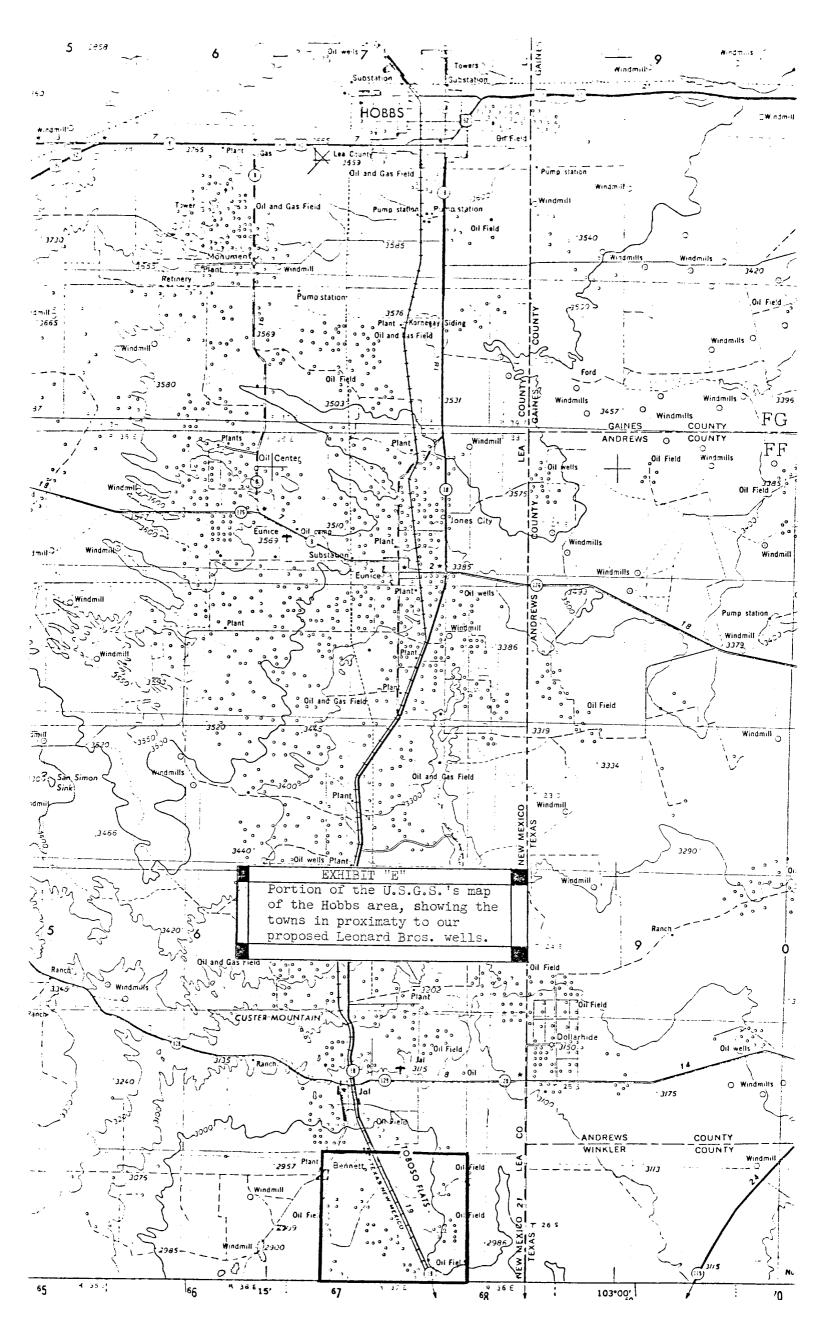
Tank Battery and Flow Lines

If production is encountered, a central tank will be located approximately from 1000'-1150' FWL and 1000'-1200'FSL of Sec.13, T26S, R37E in Lea County, New Mexico. A 3' high dirt dike will enclose and contain possible spills. The entire location will be enclosed with a 3' strand barb wire fence to exclude domestic animals and wildlife from entering. A cattle guard will be built on the east side to facilitate entering. Approximately 20 feet of road will be built connecting the cattleguard and an existing road. Road and entrance will be surfaced with caliche as explained in the Surface Use Plan.

All flowlines will be run to the tank battery test header paralleling each other as closely as

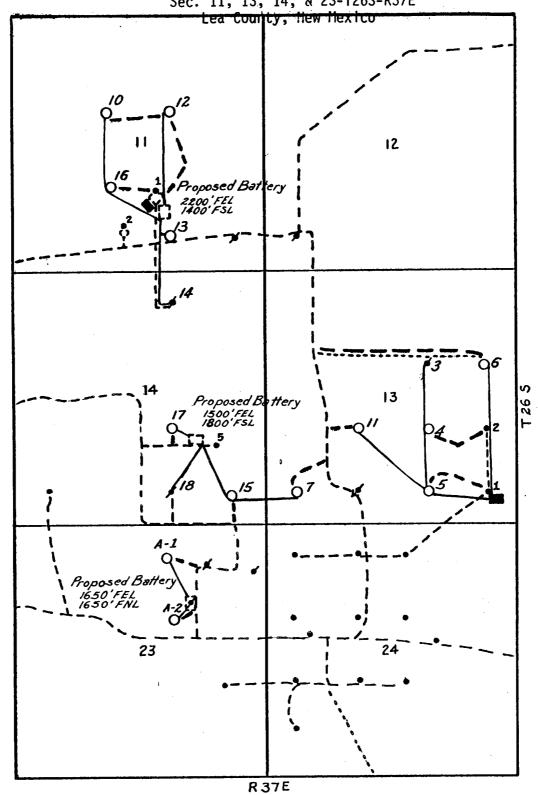
possible to create the least amount of surface disturbance that is possible.





TENNECO OIL COMPANY EXHIBIT D-1

Leonard Bros. Development - Leonard Queen South Pool Sec. 11, 13, 14, & 23-T26S-R37E

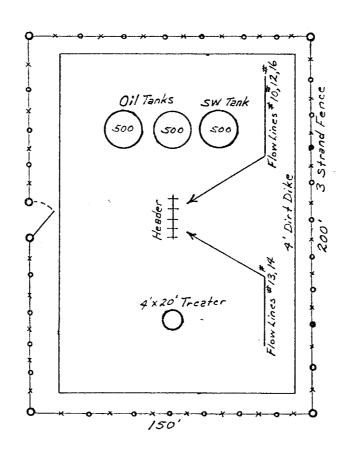


- Existing Locations or Wells
- O Proposed Locations
- Existing Battery
- [] Proposed Battery

- - Existing Roads
- ---- Existing Trails
- Proposed Roads
- Flow Lines on Surface

TENNECO OIL COMPANY
Exhibit D-2
Leonard Brothers #10, 12, 13, 14, & 16
Sec. 11-T26S-R37E
Lea County, New Mexico





HOSES DISTRICT

Tenneco Oil Co. No. 10 Leonard Bros. SE¼NW¼ sec. 11-26S-37E Lea County, N. M.

Above Data Required on Well Si

CONDITIONS OF APPROVAL

- 1. Drilling operations authorized are subject to compliance with the attached General Requirements for Drilling Operations on Federal Oil and Gas Leases, dated January 1, 1977.
- 2. Notify this office (telephone (505) 393-3612) when the well is to be spudded and in sufficient time for a representative to witness all cementing operations. Attached are names and telephone numbers of Geological Survey and Bureau of Land Management personnel who are available for consultation during construction, drilling, completion, and rehabilitation activities.
- 3. Immediate notice is required of all blowouts, fires, spills, and accidents involving life-threatening injuries or loss of life.
- 4. Secure prior approval of the District Engineer for variance from the approved drilling program and before commencing plugging operations, plugback work, casing repair work, corrective cementing operations, or suspending drilling operations indefinitely.
- 5. Blowout prevention equipment is to be installed, tested, and in working order before drilling below the surface casing and shall be maintained ready for use until drilling operations are completed.
- 6. All pits found to contain toxic liquids will be fenced and covered with a fine mesh netting for the protection of wildlife as directed by the responsible BLM representative.
- 7. In the event the oil or gas test results in a dry hole, the drill pad and access road will be ripped in accordance with "BLM Roswell Districts' Ripping Recommendations for Caliche or Compacted Drill Pads and Access Roads" (3109).
- 8. All structures and pipelines above ground, not subject to applicable conservation and safety requirements, should be painted a non-glare, non-reflective, non-chalking color that simulates the natural colors of the site. The Federal Standard Number to be used is Fed. Stand. 595, Color 30318.