(May 1963)	UNI	CC COPY	SUBMIT IN 7 (Other instr reverse	uctions side)	Form approved. Budget Bureau No. 42-R1425.
	DEPARTMEN	T OF THE INTE	RIOR	Ģ	30 - 005 - 60507 5. LEASE DESIGNATION AND SEBIAL NO.
	GEOLC	GICAL SURVEY			5. DESIGNATION AND SERIAL NO.
	n for permit	to drill, deep	EN, OR PLUG	BACK	NM - 28869 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
DR . TYPE OF WORK DR . TYPE OF WELL		DEEPEN	PLUG BA	∧ск 🗆 🕴	7. UNIT AGREEMENT NAME
	VELL OTHER		SINGLE MULT		8. FARM OR LEASE NAME Bar C - Federal
ADDRESS OF OPERATOR			RECEI		9. WELL NO.
P. O. Draw LOCATION OF WELL (I At surface	ver 831, Midl Report location clearly and		79702 State requirements	1978	10. FIELD AND POOL, OR WILDCAT
(1) At proposed prod. zo	1980' fSL, 1 me	980' fEL	O. C. (		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
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LOCATION TO NEARES PROPERTY OR LEASE	T Line, FT.	16. N	O. OF ACRES IN LEASE	17. NO. OF	ACRES ASSIGNED S WELL
(Also to nearest dri DISTANCE FROM PRO	POSED LOCATIONS	<u>    660 '                              </u>	480 ROPOSED DEPTH	20. BOTAR	4 O
TO NEAREST WELL, I or applied for, on the	DRILLING, COMPLETED, D: HIS LEASE, FT.	ry hole			
	approx ether DF, RT, GR, etc.)		(5) 2200'	' Cab	22. APPEOX. DATE WORK WILL START*
•	1	(2) 3580 PROPOSED CASING AN			<u>April 10, 1978</u>
SIZE OF HOLE		· · · · · · · · · · · · · · · · · · ·	1		
	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH		QUANTITY OF CEMENT
<u>17"</u> 11"	13 3/8"	48#	45'	Circu	
7 7/8"	<u>8 5/8"</u> 4 1/2"	<u>24#</u> 10.50#	<u>925'</u> 2200'		
(3) Geolo	gic Name of s		tion -		attachment item 9 for ement)
	Blowout j	Permian Guad			or cable tool drillin
					1070
					AAR 2 - 1978
e. If proposal is to venter program, if an	5 PROFOSED PROGRAM : If j drill or despen directiona y.	proposal is to deepen or p lly, give pertinent data o	plug back, give data on p on subsurface locations a	resent U.S.	AAR 2 - 1978 Grue Lucit CAL SURVEY ESTAge NEW CALLS BOOM BOOM STORE ST STORE STORE STO STORE STORE
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e. If proposal is to venter program, if an BIGNED	drill or deepen directions y. <u>Addition</u> ral or State office use? <u>Bert R Af</u>	Ily, give pertinent data of the second secon	President	JUN	DATE

## NE MEXICO OIL CONSERVATION COMMISS. WELL LOCATION AND ACREAGE DEDICATION PLAT

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		All distances must be from	a the outer boundaries of	the Sevision	
.perator Bonn	oc Oil Comp	1	ease Bar IIC	"Federal	Well 1
	rtion	- Amistelp	Hange		
J	14	13 South	27 East	Chaves	
ctual Fortage Location	et from the	South line and	1980	term the East	
round 1 evel Elev.	Producing Form.		00-	<u></u>	Teal rates Accessive.
3580.5	San A	ndres	Wildcat		<b>40</b> A re-
1. Outline the a	creage dedicate	d to the subject well	by colored pencil or	r hachure marks on t	he plat below.
interest and r	oyalty).				
		ferent ownership is de itization, force-pooling		U.S. BEOL	121 1978s been consult UGICAL SURVEY
Yes	] No If ans	wer is "yes!' type of o	consolidation	AKIESIA,	NEW MEXICO
this form if ne No allowable	cessary.) will be assigned	to the well until all in	nterests have been c	onsolidated (by con	ated (Use reverse side o immunitization, unitization i approved by the Commis
	1		1		CERTIFICATION
			GIATE O GIATE O 676 TRU MEXIC	roined he best of m Presid Penroc	certify that the information con trein is true and complete to the try knowledge and belief.
		PENROC NM-2886 FED.	<b>9</b> 1980'	shown on notes sf under my is true o	certify that the well location this plat was plotted from field actual surveys made by me o supervision, and that the same and correct to the best of my e and belief.
					Feb. 16,1978
					<sup>No</sup> John W. West 6
330 660 '90	1320 1650 1980	2310 2640 2000	1500 1000 80		Ronald J. Eidson 32

(6) Estimated Tops of Geologic Markers:

Yates	130'
Queen	750'
San Andres	1350'

(7) Estimated Depths of Anticipated Water, Oil, Gas or Minerals:

750' - 770'	Queen	(Water)
850' - 880'	Queen	(Water)
1300' - 1330'	Grayburg	(Possible Oil)
2050' - 2100'	San Andres	(Oil and Water)

#### (9) Amounts and Types of Cement:

13 3/8" - 20 sxs. Class C
8 5/8" - 150 sxs. Haliburton Lite + 1/4# Floseal/sk. +
100 sxs. Class "C" w/2% CaCl.
4 1/2" - 175 sxs. 50-50 Posmix "C" w/8# salt/sk.
w/.3 of 1% CFR2.

(11) Mud Program:

.

Cable tool hole.

#### (12) Proposed Drillstem Tests:

None anticipated.

Cores: None anticipated.

Logging Program:

Compensated Gamma-Neutron (Total Depth to surface)

(13) Pressures:

No abnormal pressures anticipated.

(14) Anticipated Commencement Date is April 10, 1978, for the Bar "C" No. 1 and May 10, 1978, for the Bar "C" No. 2.

Duration of operation per well estimated at 30 days.

# RECEIVED

SURFACE USE AND OPERATIONS PLAN

MAR 2 - 1978

#### 1. Existing Roads:

# U.S. BEULUGICAL SURVEY ARTESIA, NEW MEXICO

The two proposed locations are approximately 8.5 miles northeast of Hagerman, New Mexico, and can be reached by proceeding east from Hagerman on New Mexico State Highway 31. Go east for approximately 13.25 miles and then turn north through a cattle guard on a caliche type road that is commonly known as "Pipeline Road." Proceed northwestward through the Sams Ranch Pool for a distance of approximately 9 miles. Turn left and go west slightly over one-half mile on a ranch road which will go through a gate in a north-south trending barbed wire fence. Location for the Bar C - Federal No. 1 well is just south of the ranch road approximately 2800' southwest of the gate.

The attached Exhibit "A" is a portion of the Bar C Bar U.S.G.S. Quadrangle. That portion of the northwest-southeast trending "Pipeline Road" on the plat is indicated by red color and its' proximity to the proposed locations.

Note that many two-rut ranch roads traverse the area. More recent and improved roads are shown by an orange color.

### 2. Planned Access Roads:

The access roads to the two proposed locations are shown by a blue color on Exhibit "A". It is planned to grade and improve the existing ranch road westward from the gate approximately 2000 feet and then go southwest to the No. 1 location 800-900 feet by grading new road. To reach the No. 2 location it is planned to grade and improve an existing ranch road just inside the west side of the fence. This road is in poor condition. Distance is about 3800 feet. Then proceed due west to the No. 2 location by grading a new road approximately 2600 feet.

#### 3. Location of Existing Wells:

Refer to Exhibits "A" and "B".

 Location of Tank.Batteries, Production Facilities and Production, Gathering and Service Lines:

None of the above facilities exist in the immediate area. Therefore this operator does not own or control any facilities at the proposed locations.

If a dry hole is encountered, the pad and road will be restored according to prescribed regulations.

If productive, tank battery to be located on the southeast corner of the pad, separator due east of well and connecting flow lines installed.

#### 5. Location and Type of Water Supply:

All water for drill purposes will be hauled by tank truck from the nearest commercial source.

#### 6. Source of Construction Materials:

By the nature of the resistant type of surface at the proposed locations and because cable tools will be used, it will be unnecessary to use any surfacing material.

#### 7. Methods of Handling Waste Disposal:

A disposal pit will be dug adequately deep in order that all waste and garbage can be covered by not less than 24 inches of overburden after well drilled.

Test tank facilities will be utilized to capture any produced oil or water recovered during any testing or completion operations. Surface Use and Operations Plan Continued

#### 8. Ancillary Facilities:

No camps or landing strips are planned.

#### 9. Well Site Layout:

Refer to Exhibit "C".

#### 10. Plans for Restoration of Surface:

In the event of a producing well proper procedure will be followed to cut, cover and level all pits and remove litter.

In the event of a dry-hole, the same procedure will be followed as well as doing work required to fulfill established regulations.

#### 11. Other Information:

Referring to Exhibit "A" which shows the topography of the area, it will be noted that east of the proposed locations, the land is relatively flat with numerous depressions or "sink-holes". Immediately west there exists a sharp ridge dropping to the west. Several drainage gullies and shallow draws exist with the entire area sloping westward towards the Pecos River.

Primary land use is for ranching.

Vegetation is of low-level growing sage type bushes, mesquite and grasses in the depressions.

The proposed locations are on Federal lands and any new roads to be constructed will be on Federal lands.

No serious construction problems should be encountered.

#### 12. Lessee's or Operator's Representative:

Sterling J. Talley - Penroc Oil Corporation P. O. Drawer 831 Midland, Texas 79702

Phone: (915) 683-1861 - Office

#### 13. Certification:

See attached statement.

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 \_\_\_\_\_\_

\_\_\_\_\_PENROC OIL CORPORATION

and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

PENROC OIL CORPORATION

By\_\_\_\_\_\_\_Sterling J. Talley, President

Date March 1, 1978



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CABLE TOOL LOCATION PLAT

EXHIBIT C