Form 9-331 C (May 1963)	Drawer DP Artesia,	88210 88210 BD STATES	-	(Other	IN TE instructioneverse side)	.TE*		No. 42-R1425.
	DEPARTMENT				evenue side y	X	-005-6134	
		GICAL SURVE		L			5. LEASE DESIGNATION	AND SERIAL NO.
U/SF							NM-28306 6. IF INDIAN, ALLOTTO	AN-7- 1982
APPLICATION	I FOR PERMIT T	<u>O DRILL, D</u>	DEEPEN,	OR PL	UG BA	CK		
		DEEPEN [PLUC	g back		7. UNIT AGREEMENT N	RTESIA, OFFICE
D. TYPE OF WELL OIL GA			SINGLE ZONE	X	MULTIPLE		8. FARM OR LEASE NAM	(E
2. NAME OF OPERATOR	ELL C OTHER						Coyote Draw	Federal
McClellan Oi	1 Corporation 4		and the second sec	Sec. 1.			9. WELL NO.	
3. ADDRESS OF OPERATOR							5	
P. O. Drawer	730, Roswell,	New Mexico	88202	serve i i	-		10. FIELD AND POOL, O	
4. LOCATION OF WELL (Re	port location clearly and	in accordance wit	h any State r	equirement			✓ Undesignated	
At surface At proposed prod. zon	1980' FNL	& 660' FWL		SW NI E			11. SEC., T., R., M., OR J AND SURVEY OF AF ULC - E Section 6-T8	:EA
14. DISTANCE IN MILES A	ND DIRECTION FROM NEAR	EST TOWN OR POST	F OFFICE*	an da ana ang baga Ang banang ang			12. COUNTY OR PARISH	
12 miles Nor	th and 4 miles	East of Ros	swell, Ne	w Mexi	ico		Chaves	NM
15. DISTANCE FROM PROPO LOCATION TO NEAREST PROPERTY OR LEASE L (Also to nearest drig	SED [*] INE, FT.	660'	16. NO. OF A	CEES IN L	EASE 1	то ти 160	ACRES ASSIGNED IS WELL	
18. DISTANCE FROM PROP TO NEAREST WELL, D	OSED LOCATION*		19. PROPOSE	DEPTH				
OR APPLIED FOR, ON THE	S LEASE, FT.		4000'			Rota		
21. ELEVATIONS (Show who	ther DF, RT, GR, etc.)						22. APPROX. DATE WO	RK WILL START*
3740' G.L.							January 20	, 1982
23.	I	PROPOSED CASIN	NG AND CEM	ENTING	PROGRAM			
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FO	00T 1	SETTING DE	ртн		QUANTITY OF CEME	ŇT
24"	20"	54.5		80'		8 yard	IS CIRCULATE	
* 17-1/2"	13-3/8"	54.5		600'		500 s:	k Circulate	
12-1/4"	8-5/8"	23		1400'		600 s:		
7-7/8"	4-1/2"	10.5	I	4000'	1	250 s:	x	

We propose to drill and test the Abo formation. Approximately 600' of 17-1/2" hole will be drilled and if no problems occur, the hole will be reduced to 12-1/4" and drilled to 1400'. 8-5/8" casing will be run to shut off any thief zone. If production is indicated, 4-1/2" will be run and the Abo cemented with adequate cover, perforate and stimulate as needed for protection.

250 sx

Gas is dedicated.

*If lost circulation is encountered will run 13-3/8" casing. If no loss of circulation, reduce hole to 12-1/4" and drill to approximately 1400' and run 8-5/8" casing.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM : If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

M 🗄 Clollan	Geologist	DATE 12/10/81		
APPROVED	APPROVAL DATE			
AL. 12 MAN A 5 1982		DATE		
JAMES A. GILLHAM				
	APPROVED	APPROVED APPROVAL DATE		

STATE OF NEW MEXICO

P. O. DOX 2088 TE OF NEW MEXICO P. O. DOX 2008 IN MINERALS DEPARTMENT SANTA FE, NEW MEXICO 87501-

Revised 10-1-78

ENERGY AND MINERALS		SANTA I L. I		es of the .	on.	
		L+0	3.	,	Car al	Well No.
McClellar	oil Corp.		Coyote	Draw 7.d	de la companya de la	<u>#5</u>
nit Letter Sectio	1 Tay - Able		11ang •			
	5 8 5	South	25 East		Chaves	
Tuol Footuge Location of	Well:				North	•
	Irom the West	line and	1980	fret from the	North	line Dedicated Acreoge:
	Producing Formation	Poo				160 Acres
3740	Abo	l	Undesignat	ed		
1. Outline the acre	inge dedicated to the	sulject well l	y colored per	cil or hachu d identify th	re marks on the	ne plat below. hereof (both as to working
interest and roys	alty).					hercol (both as to working
3. If more than one dated by commun	lease of different ownitization,	nership is dedi force-pooling.	cated to the v etc?	ell, have th	e interests of	all owners been consoli-
		yes!' type of co				and (like reverse side a
If answer is "no	;' list the owners and	d tract descripti	ions which ha	ve actually I	been consolid	nted. (Use reverse side of
this form if nece	ssory.)	21	sects have h	en consolid	ated (by con	umunitization, unitization a approved by the Division
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SURFACE USE PLAN

McClellan Oil Corporation: Coyote Draw No. 5 660' FWL & 1980' FNL, Section 6, T8S, R25E Chaves County, New Mexico Federal Lease NM-28306



1. Existing Roads

Exhibit "A" is a portion of a Chaves County road map prepared by the New Mexico State Highway Department, showing the proposed well site in relation to U.S. Highway 285. U.S. 285 will be used for approximately 7.6 miles from the junction of U.S. 285 and U.S. 70 north of Roswell to the county road leading to the location. The county road will be used for approximately 8 miles from U.S. 285 to an existing access road. The county road is a well traveled gravel-caliche ranch-oilfield road approximately 20' in width and is maintained by the county, area ranchers and oil operators who utilize the road. U.S. 70 and the county road to be used are marked in yellow and the proposed well site, access road and nearby towns are marked in red.

2. Planned Access Roads

Exhibit "B" shows the county road and existing access roads. The proposed access road is to improve an existing road marked in yellow and build approximately 600' of new road, also marked in yellow. This road will be approximately 12' wide, graded and packed and, if necessary, covered with caliche. No fences will be involved or crossed.

- Location of Existing Wells Exhibit "C" shows all of the producing wells within 2 miles of the proposed test with ownership of various tracts.
- 4. Location of Tank Battery, Production Facilities & Production Gathering & <u>Service Lines</u> If gas production is achieved the location of the line will be determined by the purchaser laying in the gathering system to his existing gas lines.
- 5. Location and Type of Water Supply There is no useable water in this area. All water needed for drilling, testing, and completion will be trucked in by a commercial transport on existing roads as shown on Exhibit "A".
- Source of Construction Materials It will be necessary to use caliche on new road and location. This material will be obtained from commercial sources.
- 7. <u>Handling of Waste Disposal</u> All waste material remaining after the drilling of this well will be placed in mud pit as shown on Exhibit "D". Any combustible or biochemically degradable material will be placed in the "burn and trash pit".
- 8. <u>Ancillary Facilities</u> No ancillary facilities are planned.

9. Well Site Layout

This information is shown on Exhibit "D".

10. Plan for Restoration of Surface

All pits will be filled in and leveled. Deadmen will be removed. The access road and location will be restored as near as possible to its natural state following instructions from appropriate governmental agency, if well is abandoned; otherwise the location will be cleared and maintained in an orderly manner.

11. Other Information

The topography of the land surrounding the staked well is on a reasonably flat plateau but is bordered to the south by "chalk" bluffs and eroded arroyos. The drill site itself is on Federal land but the planned access road will cross private surface owned by the Spool Cattle Company of Amarillo, Texas. This road must provide access up the bluff coming out of a draw and following an existing road to the top of the plateau, rising approximately 133' from the draw to the well site in approximately 1.5 miles.

12. Operator Representatives

Paul Ragsdale 601 Moore Roswell, New Mexico	88201	(505) 622-8302 (505) 623-3940 (505) 623-0989	Office . Home Mobile Unit # 4125	
Jack L. McClellan 3106 North Montana Roswell, New Mexico	88201	(505) 622-3200 (505) 622-4076	Office Home	- 4 k.

13. Certification

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

Mark ME Clellan

Mark McClellan Geologist

Location: 1980' & 660' FWL, Section 6,T8S,R2 Chaves County, New Mexico
Elevation: <u>3740' G.L.</u>
Geologic name of surface formation: <u>Not Known (See Archaeological Report)</u>
Type of drilling rig and associated equipment: Tex Mex Drilling Company
Rotary Rig
Proposed drilling depth and objective formation: 4100' Abo
Estimated tops of geologic markers:
Yates San Andres 250' Abo 3450'
7-RiversGlorieta1050'Wolfcamp
Queen Tubb2800'
Estimated depths of any oil, water, or gas: <u>3450' - 4000' Gas</u>
Proposed casing program:
*13-3/8 " @ 600 ' Grade J-55 Wt. 54.5 Type Cement Class "C" w/2% CaC
8-5/8 " @ 1400 ' Grade J-55 Wt. 23 Type Cement Class "C"
4-1/2 " @ 4000 ' Grade J-55 Wt. 10.5 Type Cement 50/50 Pozmix "C"
Specifications for pressure control equipment and testing procedures
BOP's are Schaffer Model 39, 4500 lb. test. See exhibit "E".
Type and characteristics of drilling fluids: Native mud to top of Abo and
salt base gel w/10 cc water loss, 50 viscosity and 9.2 lb/gal to T.D.
Testing, logging, and coring programs: No coring or testing is anticipated.
Will run Compensated Neutron Formation Density, Dual Laterlog-Micro SFL, Gamma Ray.
Anticipated abnormal pressures or temperature: <u>None anticipated.</u>
Anticipated commencement and completion date: 1/28/82 - 2/9/82
Other pertinent information:
* If necessary, due to lost circulation.

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4500 lb. psi test

McCLELLAN OIL CORPORATION Coyote Draw Federal No. 5 Blowout Preventer Spec.