Form 3160-3 (November 1983) (formerly 9-331C)

Drawer DD Artesi

SUBMIT IN TR' CATE.

30-005-62654 Form approved. -62654 Budget Bureau No. 1004-0136 pires August 31, 1985

sia, NM DNIFFED STATES	(Other instructs on reverse side)	Expires August 31, 1985
DEPARTMENT OF THE INTERIOR		5. LEASE DESIGNATION AND SERIAL NO.
BUREAU OF LAND MANAGEMENT		T.C-068132

	BUR	_						
APPLICA1	ION FOR PE	RMIT TO	DRILL, DEEP	EN, OR PLUG	BACK	6. IF INDIAN, ALLOTTER	OR TRIBE NAME	
a. TYPE OF WORK	DRILL 🗵		DEEPEN []	PLUG B	ACK 🗆	7. UNIT AGREEMENT NA	AMB.	
b. TYPE OF WELL	GAS [V]		חדת חד	MULZ	CIPLE	S. FARM OR LEASE NAM	<u> </u>	
WELL	WELL []	OTHER	DEC 05	ZONE		Cottonwood	Federal (
	McKay Oil	Corporation	on oc	0		9. WELL NO.		
. ADDRESS OF OPER		COIPOIGCI	ARTESIA, C			1		
	P.O. Box 2	2014, Roswe	ell, New Mex	rico 88202 <u>-20</u> 1	.4	10. FIELD AND POOL, O	R WILDCAT	
At surface				State requirements.*)		Pecos Slope		
	660' FWL 8	s 1780' FS	L, $NW/4$ $SW/4$	Unit letter	L	AND SURVEY OR AR		
At proposed pro	_					Sec. 34, T6	S. R26E	
4. DISTANCE IN M	Same	FROM NEAREST	TOWN OR POST OFFI	CE*		12. COUNTY OR PARISH		
25 air π	niles Northe	ast of Ros	well, New Me	exico		Chaves	N.M.	
5. DISTANCE FROM LOCATION TO NI	PROPUSED*		16.	NO. OF ACRES IN LEASE		OF ACRES ASSIGNED THIS WELL		
PROPERTY OR LI	ABB LINE, FT. it drlg. unit line, if	any) 66		40		160		
S. DISTANCE FROM TO NEAREST WI	PROPOSED LOCATION	(* Leted,	19.	PROPOSED DEPTH	20. ROT	ARY OR CABLE TOOLS		
•	ON THIS LEASE, FT.	32:	2	4,500'±	!	Rotary 22. APPROX. DATE WO	RK WILL STAR	
1. ELEVATIONS (Sho	w whether DF, RT,					ASAP		
3.	3698' GR		OSED CASING AN	D CEMENTING PROG	RAM	AGAI		
					1	OTTA NOTIFIED OF OF MEN	—	
SIZE OF HOLE	8 5/		24.0#	SETTING DEPTH		QUANTITY OF CEMENT 600 sx (Circulated)		
12 1/4"			24.UII	4,500'±		325 sx(to isolate all oil		
7 7/8"	4 1/	<u> </u>	10.5#	4,500'1		25 sx(to isolate ns and water zon		
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ADVANCE.

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

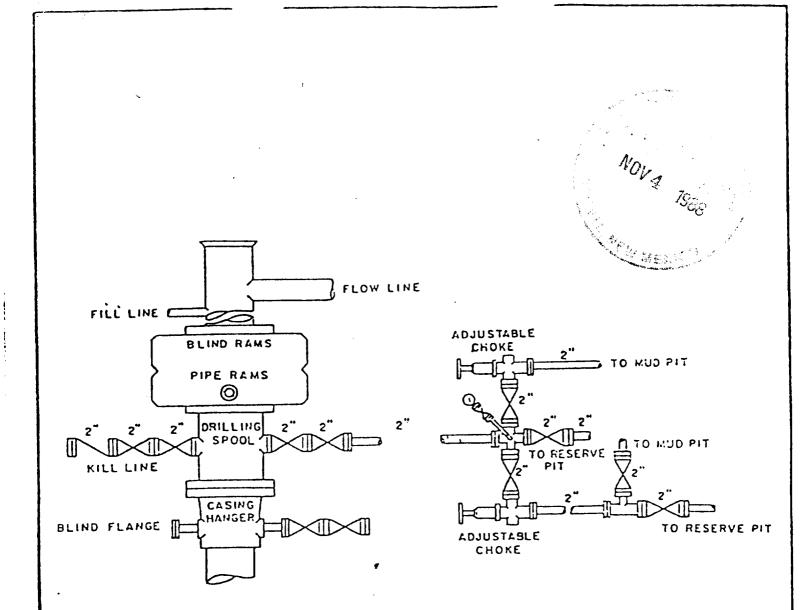
form C-102 Revised 10-1-78

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

330 660

P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

MCKAY OIL CORP. Section Section			All distances	must be from t	he outer hounder	les of the Section	\.	
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The part of the producting of with Nest	Unit Letter	Section Township Range County CHAVES						
People P	Actual Footage Local		WEST		1780	leat from the	SOUTH	line
1. Outline the acrenge dedicated to the subject well by colored pencil or hachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to workin interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc? Yes					l	Teet nom the	Ded	
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BOP DIAGRAM

3000# Working Pressure Rams Operated Daily

EXHIBIT 'D'
MCKAY OIL CORPORATION
Cottonwood Fed. Com. No. 1

SUPPLEMENTAL DRILLING DATA

MCKAY OIL CORPORATION Cottonwood Federal No. 1 NW4/SW4/ Sec. 34-6S-26E Chaves County, N.M.



LC-068132

The following items supplement Form 9-331C in accordance with instructions contained in 'Onshore Oil & Gas Order' No. 1:

- 1. SURFACE FORMATION: Alluvium
- 2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

Glorietta - 1695'
Tubb - 3080'
Abo - 3830'

- 3. ESTIMATED DEPTHS TO WATER, OIL OR GAS FORMATION:
 Fresh water In surface formations above 700'
 Gas In Abo formation below 3830'
- 4. PROPOSED CASING PROGRAM: See Form 9-331C
- 5. PRESSURE CONTROL EQUIPMENT: Blowout preventer stack will consist of at least a double-ram blowout preventer rated to 3000# WP. A sketch of the BOP is attached.
- 6. CIRCULATING MEDIUM:

0'- 800' Lime and gel, spud mud, viscosity 32 to 34 seconds.

600'- 3730' Fresh water

3730'- TD Start mudding up at 3730'; viscosity 36 to 38 seconds; water loss 10 cc or less; 3-5% Diesel; 2 KCL

Mud additives will be used to control water loss.

- 7. AUXILIARY EQUIPMENT: full-opening kelly cock, to fit the drill string in use, will be kept on the rig floor at all times.
- 8. PROPOSED TESTING, LOGGING AND CORING PROGRAMS:

Testing: None

Logging: CN1-FDC, DLL-MSFL

Coring: None

- 9. ABNORMAL PRESSURES OR TEMPERATURE ZONES: None
- 10. ANTICIPATED STARTING DATE: Upon approval of the A.P.D.

