30-005-62337

orni 9-351 C			SUBMIT IN T	RIF. ATE®	form upproved	
(May 1963) anr 011	Cons. Commission		(Other instru reverse i	ictions on	Budget Bureau	
NM UII Drawer	DEPARTMEN	EL PINARD	TEVELSE		E LUCER DESCRIPTION	<u>/</u> .
Artesi	a NM 88210				5. LEASE DESIGNATION A	ND SERIAL NO.
	GEOKO				NM-36194 6. IF INDIAN, ALLOTTEE	OR TRIBE NAME
APPLICATION	I FOR PERMIT	ODRILL DE	ENE DR PLUG	BACK		
TYPE OF WORK		DEEPEN 19	B6 PLUG BA	.ск 🗆 ╞	7. UNIT AGREEMENT NAME	
OIL GA	SELL X OTHER	2	SINGLE MULTI		8. FARM OF LEASE NAM South Four Mi	
NAME OF OPERATOR		4 Frank States	15º 11-3-473	5		TE DIAW IE
McKay Oil	Corporation	A THEW ME	RECEIVED B	Y	9. WELL NO.	
ADDRESS OF OPERATOR				·  -	4 10. FIELD AND POOL, OI	WILDCAT
P.O. Box 2	2014, Roswell,	New Mexico 88 in accordance with a	state AUGe 2: 0-198	6	W. Pecos Slop	e Abou
At surface	1980' FSL and 1	.830' FEL			11. SEC., T., B., M., OR B AND SURVEY OR AR	LK.
At proposed prod. zon	e same		O. C. D.		Sec. 23-65-2	2E
• •			ARTESIA, OFFIC		12. COUNTY OF PARISH	
	AND DIRECTION FROM NEA		)FFICE-			NM
	h of Roswell, h		6. NO. OF ACRES IN LEASE		Chaves	1.111.1
DISTANCE FROM PROPO LOCATION TO NEAREST PROPERTY OR LEASE L	r 1000			тотн 160	IS WELL	
(Also to nearest drig DISTANCE FROM PROP	g. unit line, if any)		2,520.0 9. profosed depth		Y OR CABLE TOOLS	
TO NEAREST WELL, D OR APPLIED FOR, ON TH	RILLING, COMPLETED,	N/A	3,400'	Rot	ary	
	ether DF, RT, GR, etc.)				22. APPROX. DATE WO	BE WILL START <sup>®</sup>
4176' 0					ASAP	
		PROPOSED CASING	AND CEMENTING PROG	RAM		
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOO	T SETTING DEPTH		QUANTITY OF CEMENT	
	8 5/8"	24.0 J-55	900±		of cement circ	
	4 1/2"	24.0 J-55 10.5 J-55		1200	cf cement inc	luding
12 1/4"			900±	<u>1200</u> 480 c	cf cement inc cf to tie in 4	luding 1/2" to
12 1/4"	4 1/2"		900±	<u>1200</u> 480 c	cf cement inc	luding 1/2" to
12 1/4" 7 7/8"	4 1/2"	10.5 J-55	900± TD	1200 480 c 8 5/8	<u>cf cement inc</u> cf to tie in 4 3" from 1500' 4	luding 1/2" to
12 1/4" 7 7/8"	drill and test.	10.5 J-55	900 <sup>±</sup> TD ation. Approxima	1200 480 c 8 5/8 ately 900	<u>cf cement inc</u> of to tie in 4 3" from 1500' 4 D' of surface	luding 1/2" to
12 1/4" 7 7/8" The propose to pasing will be	drill and test	10.5 J-55	900 <sup>±</sup> TD ation. Approxima e. If commercial	1200 480 c 8 5/8 ately 900	<u>cf cement inc</u> cf to tie in 4 3" from 1500' of 0' of surface " production	<u>luding</u> 1/2" to to 800'.
12 1/4" 7 7/8" Te propose to casing will be casing will be	drill and test. set and cement run and cement	10.5 J-55	900 <sup>±</sup> TD ation. Approxima	1200 480 c 8 5/8 ately 900	<u>cf cement inc</u> cf to tie in 4 3" from 1500' of 0' of surface " production	<u>luding</u> 1/2" to to 800'.
12 1/4" 7 7/8" Te propose to casing will be casing will be	drill and test. set and cement run and cement	10.5 J-55	900 <sup>±</sup> TD ation. Approxima e. If commercial	1200 480 c 8 5/8 ately 900	<u>cf cement inc</u> cf to tie in 4 3" from 1500' of 0' of surface " production	<u>luding</u> 1/2" to to 800'.
12 1/4" 7 7/8" e propose to easing will be easing will be as needed for	drill and test. set and cement run and cement production.	10.5 J-55 the Abo form ted to surfac	900 <sup>±</sup> TD ation. Approxima e. If commercial uated cover, per	1200 480 c 8 5/8 ately 900 1, 4 1/2 forated a	<u>cf cement inc</u> cf to tie in 4 3" from 1500' of 0' of surface " production	<u>luding</u> 1/2" to to 800'.
12 1/4" 7 7/8" The propose to tasing will be tasing will be tas needed for NUD PROGRAM:	drill and test set and cement run and cement production. See Supplement	10.5 J-55 the Abo form ted to surfac ted with adeq al Drilling D	900 <sup>±</sup> TD ation. Approxima e. If commercial uated cover, personate wata Which is Atta	1200 480 c 8 5/8 ately 900 1, 4 1/2 forated a ached.	cf cement inc cf to tie in 4 3" from 1500' 0' of surface " production and stimulated	<u>luding</u> 1/2" to to 800'.
12 1/4" 7 7/8" We propose to easing will be casing will be as needed for MUD PROGRAM:	drill and test set and cement run and cement production. See Supplement	10.5 J-55 the Abo form ted to surfac ted with adeq al Drilling D	900 <sup>±</sup> TD ation. Approxima e. If commercial uated cover, per	1200 480 c 8 5/8 ately 900 1, 4 1/2 forated a ached.	cf cement inc cf to tie in 4 3" from 1500' 0' of surface " production and stimulated	<u>luding</u> 1/2" to to 800'.
12 1/4" 7 7/8" Re propose to casing will be casing will be as needed for MUD PROGRAM: BOP PROGRAM:	4 1/2" drill and test. set and cement run and cement production. See Supplementa BOP will be in	10.5 J-55 the Abo form ted to surfac ted with adeq al Drilling D	900 <sup>±</sup> TD ation. Approxima e. If commercial uated cover, personate wata Which is Atta	1200 480 c 8 5/8 ately 900 1, 4 1/2 forated a ached.	cf cement inc cf to tie in 4 3" from 1500' 0' of surface " production and stimulated	<u>luding</u> 1/2" to to 800'.
12 1/4" 7 7/8" Re propose to casing will be casing will be as needed for MUD PROGRAM: BOP PROGRAM:	4 1/2" drill and test. set and cement run and cement production. See Supplementa BOP will be in	10.5 J-55 the Abo form ted to surfac ted with adeq al Drilling D	900 <sup>±</sup> TD ation. Approxima e. If commercial uated cover, personate wata Which is Atta	1200 480 c 8 5/8 ately 900 1, 4 1/2 forated a ached.	cf cement inc cf to tie in 4 3" from 1500' 0' of surface " production and stimulated	<u>luding</u> 1/2" to to 800'.
12 1/4" 7 7/8" We propose to casing will be casing will be as needed for MUD PROGRAM: BOP PROGRAM:	4 1/2" drill and test. set and cement run and cement production. See Supplementa BOP will be in	10.5 J-55 the Abo form ted to surfac ted with adeq al Drilling D	900 <sup>±</sup> TD ation. Approxima e. If commercial uated cover, personate wata Which is Atta	1200 480 c 8 5/8 ately 900 1, 4 1/2 forated a ached.	cf cement inc cf to tie in 4 3" from 1500' 0' of surface " production and stimulated	<u>luding</u> 1/2" to to 800'.
12 1/4" 7 7/8" We propose to casing will be casing will be as needed for MUD PROGRAM: BOP PROGRAM: Gas is not ded	drill and test. set and cement run and cement production. See Supplementa BOP will be inst dicated.	10.5 J-55 the Abo form ted to surfac ted with adeq al Drilling D stalled on 8	900 <sup>±</sup> TD ation. Approxima e. If commercial uated cover, per: pata Which is Atta 5/8" casing and	1200 480 c 8 5/8 ately 900 1, 4 1/2 forated a ached. tested da	cf cement inc. cf to tie in 4 3" from 1500' of )' of surface " production and stimulated aily.	luding 1/2" to to 800".
12 1/4" 7 7/8" Re propose to casing will be casing will be as needed for MUD PROGRAM: BOP PROGRAM: Gas is not ded N ABOVE SPACE DESCRIFE one. If proposal is to	drill and test. set and cement run and cement production. See Supplement BOP will be in: dicated.	10.5 J-55 the Abo form ted to surfac ted with adeq al Drilling D stalled on 8	900 <sup>±</sup> TD ation. Approxima e. If commercial uated cover, personate wata Which is Atta	1200 480 c 8 5/8 ately 900 1, 4 1/2 forated a ached. tested da	cf cement inc. cf to tie in 4 3" from 1500' of )' of surface " production and stimulated aily.	luding 1/2" to to 800".
12 1/4" 7 7/8" Re propose to casing will be casing will be as needed for MUD PROGRAM: BOP PROGRAM: Gas is not ded N ABOVE SPACE DESCRIF one. If proposal is to reventer program, if a	drill and test. set and cement run and cement production. See Supplement BOP will be in: dicated.	10.5 J-55 the Abo form ted to surfac ted with adeq al Drilling D stalled on 8	900 <sup>±</sup> TD ation. Approxima e. If commercial uated cover, per: pata Which is Atta 5/8" casing and	1200 480 c 8 5/8 ately 900 1, 4 1/2 forated a ached. tested da	cf cement inc. cf to tie in 4 3" from 1500' of )' of surface " production and stimulated aily.	luding 1/2" to to 800".
12 1/4" 7 7/8" e propose to asing will be asing will be asing will be s needed for NUD PROGRAM: BOP PROGRAM: Gas is not ded N ABOVE SPACE DESCRIF one. If proposal is to reventer program, if a 4.	drill and test. set and cement run and cement production. See Supplement BOP will be in: dicated.	10.5 J-55 the Abo form ted to surfacted with adeq al Drilling D stalled on 8	900 <sup>±</sup> TD TD ation. Approxima e. If commercial uated cover, person that which is Atta 5/8" casing and 5/8" casing and and on subsurface locations	1200 480 c 8 5/8 ately 900 1, 4 1/2 forated a ached. tested da	cf cement inc. cf to tie in 4 3" from 1500' of 0' of surface " production and stimulated aily. luctive zone and propose d and true vertical dept	luding 1/2" to to 800'. ed new productiv hs. Give blowou
12 1/4" 7 7/8" Pe propose to casing will be casing will be as needed for MUD PROGRAM: BOP PROGRAM: Gas is not ded N ABOVE SPACE DESCRIP one. If proposal is to reventer program, if a 4.	4 1/2" drill and test set and cement run and cement production. See Supplementa BOP will be in: dicated.	10.5 J-55 the Abo form ted to surfacted with adeq al Drilling D stalled on 8	900 <sup>±</sup> TD ation. Approxima e. If commercial uated cover, per: pata Which is Atta 5/8" casing and	1200 480 c 8 5/8 ately 900 1, 4 1/2 forated a ached. tested da	cf cement inc. cf to tie in 4 3" from 1500' of 0' of surface " production and stimulated aily. luctive zone and propose d and true vertical dept	luding 1/2" to to 800'. ed new productiv hs. Give blowou
12 1/4" 7 7/8" Ne propose to casing will be casing will be as needed for MUD PROGRAM: BOP PROGRAM: Gas is not ded N ABOVE SPACE DESCRIM one. If proposal is to preventer program, if a 4. SIGNED	drill and test. set and cement run and cement production. See Supplement BOP will be in: dicated. BE PROPOSED PROGRAM: I o drill or deepen direction ny.	10.5 J-55 the Abo form ted to surfacted with adeq al Drilling D stalled on 8 f proposal is to deepenally, give pertinent	900 <sup>±</sup> TD TD ation. Approxima e. If commercial uated cover, person bata Which is Atta 5/8" casing and 5/8" casing and ata on subsurface locations ata on subsurface locations	1200 480 c 8 5/8 ately 900 1, 4 1/2 forated a ached. tested da	cf cement inc. cf to tie in 4 3" from 1500' of 0' of surface " production and stimulated aily. luctive zone and propose d and true vertical dept 7-22-	luding 1/2" to to 800'. ed new productiv hs. Give blowou
12 1/4" 7 7/8" Ne propose to casing will be casing will be casing will be as needed for MUD PROGRAM: BOP PROGRAM: Gas is not ded to ABOVE SPACE DESCRIME toone. If proposal is to preventer program, if a 24. SIGNED	drill and test. set and cement run and cement production. See Supplement BOP will be in: dicated. BE PROPOSED PROGRAM: I o drill or deepen direction ny.	10.5 J-55 the Abo form ted to surfacted with adeq al Drilling D stalled on 8 f proposal is to deepenally, give pertinent	900 <sup>±</sup> TD TD ation. Approxima e. If commercial uated cover, person that which is Atta 5/8" casing and 5/8" casing and and on subsurface locations	1200 480 c 8 5/8 ately 900 1, 4 1/2 forated a ached. tested da	cf cement inc. cf to tie in 4 3" from 1500' of 0' of surface " production and stimulated aily. MATE _7-22: 	luding 1/2" to to 800". ed new productive hs. Give blowon -86
12 1/4"         7 7/8"         Ne propose to         casing will be         casing will be	drill and test. set and cement run and cement production. See Supplement BOP will be in: dicated. BE PROPOSED PROGRAM: I o drill or deepen direction ny.	10.5 J-55 the Abo form ted to surfac ted with adeq al Drilling D stalled on 8 f proposal is to deepenally, give pertinent	900 <sup>±</sup> TD TD ation. Approxima e. If commercial uated cover, person bata Which is Atta 5/8" casing and 5/8" casing and ata on subsurface locations ata on subsurface locations	1200 480 c 8 5/8 ately 900 1, 4 1/2 forated a ached. tested da	cf cement inc. cf to tie in 4 3" from 1500' of 0' of surface " production and stimulated aily. MATE _7-22: 	luding 1/2" to to 800'. ed new productive hs. Give blowout

.

GIALL OF REAL MELLOG

.

•.

# and the second second

80+11-4 10+1+70 7

-----

· · · ·		
	 a and as have deeled	of the Bection

McKay Oil Corp.       Users       South 4 mile Draw Fed.       Pid         McKay Oil Corp.       Image: A south 1830       Image: A south 1830       Chaves         1980       test tree de       South 1830       Image: A south 1830	IENGY AND MINERA		Il distantes must be fre	NEW MEXICO 87	he Bection.	·
Jamma J     23     Tennessing South     1830     Least     Chaves       19800     trace the above     South     1830     Least     East     Inc.       19800     W. Paccos. Slope Abo     160     160     160       10 minute frame frameware     W. Paccos. Slope Abo     160       11 minute frameware     160     160     160       11 minute frameware     W. Paccos. Slope Abo     160       11 minute frameware     160     160     160     160     160 <t< th=""><th></th><th></th><th></th><th></th><th>•</th><th><b>Well Sig.</b> #4</th></t<>					•	<b>Well Sig.</b> #4
Alter is an alter in the alter in the alter is an alter in the alter is an alter is alter alter is alter is alter alter alter alter alter alter alter alter alter		Ter	South	22 East	Cousty Chaves	
Interference framework         Particle         Paritherest and particle         Paritherest and p	· ·		0 50000		East	
a trace       Process Slope Abo       160         Outline the, servage dedicated to the subject well by calend pencil or backure marks on the plat below.         If more than one leave is dedicated to the well, outline each and identify the ownership thereof (book as to wint interest and reguly).         If more than one leave of different ownership in dedicated to the well, have the interests of all owners been codated to communitization, unitiention, unitie			line and	(1.0)	Imm the	
If more than one lease in dedicated to the well, outline each and identify the evanership thereof (both as to v interest and regaligh. If more than one lease of different ownership in dedicated to the well, have the interests of all owners been co dated by communitization, unitization, force-pooling.ext? If ensure is "max" list the owners and tract descriptions which have actually been consolidated. (Use reverse a this four if decessory	1176	Abo		W. Pecos Slope		
If more than one lease in dedicated to the well, outline each and identify the evenership thereof (both as to v interest and regaligh. If more than one lease of different ownership in dedicated to the well, have the interests of all owners been co- dated by communitization, unitiation, force-pooling, out? If yee INe - If answer in "yee," type of consolidation If answer in "mes." his the owners and tract descriptions which have actually been consolidated. (Use reverse a this family is accessory. No allowsho will be assigned to the well unit all interests have been consolidated (by communitization, units farced-pooling, or otherwise) or unit a non-standard unit, alloinating such interest, has been appeared by the Di- start of the descing of the well unit all interests have been consolidated (by communitization, units farced-pooling, or otherwise) or unit a non-standard unit, alloinating such interest, has been appeared by the Di- start of the descing of the well was been appeared by the Di- start of the descing of the the information of the biological farced you have been to use the information of the other biological set of a phonetopy contained to information for a start of the use of the biological fraction and cover as the biological for a symposition of the two information for a symposition o	Outline the, e	ercage dedicated	to the subject we	1 by colored pencil or	hachure morks on the	plat below.
Sec. 23, T.6 S., R.22 E., NNPM Sec. 23, T.6 S., R.22 E., NNPM CERTIFICATION I have be to be the advantage of belief. James L. Schultz Feelloe James L. Schultz Feelloe Landman Composition McKay Qil Corporatio Date 7-21-86 I brocky constr she wall he chan a ship pla was planed but to pla to a ship pla was planed but to pla to a ship pla was planed but to pla to a ship pla was planed but to pla to a ship pla was planed but to pla to a ship pla was planed but to pla to a ship pla was planed but to pla to a ship pla was planed but to pla to a ship pla was planed but to pla to a ship pla was planed but to pla to a ship pla was planed but to pla to a ship pla was planed but to pla to a ship pla was planed but to pla to a ship pla was planed but to pla to a ship pla was planed but to pla to a ship pla was planed but to pla to a ship pla was planed but to play the ship plane a ship play was planed but to play the ship play was played but to play the ship played but to played but to play the ship played but to played	If more than a dated by com Yes If answer is <sup>1</sup> this form if as	ne lease of differ mainization, uniti- ] No - If answe "ao," list the own (cessory.)	tation, force-poolin r is "yes;" type of the and tract description	consolidation ptions which have act	mally been consolidat	sd. (Use reverue sid
NM-36194 NM-361	10000			8	······································	·····
NM-36194       1830         NM-36194       1830         James L. Schultz         Pedilica         Landman         Compy         McKay Qil Corporation         Deter         7-21-86         I brooky contify that the well leader the self leader t		Sec.23, 1	,0 3., 1.22 -		tained bare	n is true and complete to
NM-36194 1830 NM-36194 1840 18						L. Schultz
NM-36194 NM-36194 1830 NM-36194 1830 NM-36194 1830 NM-36194 1830 NM-36194 1830 NM-36194 1830 NM-36194 1830 NM-36194 1830 NM-36194 1830 NM-36194 1830 NM-36194 1830 NM-36194		4		1		n
NM-36194 1 breaky certily sheet the well he shows as this plat was platted for mires of actual surveys mode by under my supervision, and sheet the is two and courses to the trai is two and trained to the trained to		•			Company	
NM-36194 1830 I bready consisty that the well he share an abia play was played for metro of actual surveys made by under any supervision, and that the is two and convert to the brack Lowstage and balade U J AQUA July 9, 1986 0 Immediately by July 9, 1986 0 Immediately by J		1			Dala	
1830 1830 1830 1830 1830 1830 1830 1830 1830 1830 1830 1830 1830 1830 1830 1830 1830 1830 1830 1850		1		1	7-21-8	36
Duie Songer and Duie Songer an			NM-36194	1830	shawa as sh mates of or under ay sy is true and	lo plat was platted from i wal surveys mode by p pervesion, and shat she a correct to she best of
in the second se		, + 1 1 1 1	<b>6</b> 8		July 9	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Grilline No. 19		1		i i		
					John	10 10 10 10 10 10 10 10 10 10 10 10 10 1

٠

## MCKAY OIL CORPORATION South Four Mile Draw Federal #4 NW/4SE/4 Sec. 23-6S-22E Chaves County, New Mexico



#### BOP STACK

3000 PSI WORKING PRESSURE

### SUPPLEMENTAL DRILLING DATA

## McKAY OIL CORPORATION South Four Mile Draw Fed. #4 NW1/4SE1/4 Sec.23-6S-22E Chaves County, N.M.

#### NM 36194

The following items supplement Form 9-331C in accordance with instructions contained in NTL-6.

- 1. SURFACE FORMATION: San Andres
- 2. <u>ESTIMATED TOPS OF GEOLOGIC MARKERS:</u> Yeso - 729' Tubb - 2247' Abo - 2937'
- 3. <u>ESTIMATED DEPTHS TO WATER, OIL OR GAS FORMATION:</u> Fresh water - In surface formations above 600' Gas - In Abo formation below 2937'
- 4. PROPOSED CASING PROGRAM: See Form 9-331C
- 5. <u>PRESSURE CONTROL EQUIPMENT</u>: 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. <u>CIRCULATING MEDIUM</u>: 0'- 600' Lime and gel, spud mud, viscosity 32 to 34 seconds. 600'- 2800' Fresh water 2800'- TD Start mudding up at 2800'; 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. <u>AUXILIARY EQUIPMENT</u>: full-opening drill string safety valve fit the drill string in use, will be kept on the rig floor at all times.



MCKAY OIL CORPORATION South Four Mile Draw Federal #4 NW/4SE/4 Sec. 23-6S-22E Chaves County, New Mexico



# RIG LAYOUT

- 1. Substructure
- 2. Catwalk
- 3. Pipe Rack 4. Doghouse
- 5. Mud Pits
- 6. Mud Pumps

- 7. Water Tank
- 8. Light Plant
- 9. Reserve Pit
- 10. Trash Pit
- 11. Trailer House
- 12. Production Facilities