Form 3160-3 (July 1989) (formerly 9-331C)

UNITED STATES 10000, CONTACT REES INC. CONTACT REES INC. OF COPIES REQU. D. OF COPIES REQ

BUM Roswell District Modified Form No. NM060-3160-2

DEPARTMENT OF THE INTERIOR

LEAGE	DESIG	~ . ~	-	9	•

	F.	BUREAU OF LANG	MANAG	EMENT			0. 0.0.0	C-0679	68
4001104		PERMIT TO D			OR PI LIG F	BACK	6. IF INDIAN, AL		
	TION FOR	PERMIT TO L	/KILL,	DEEPEN,	ONFLOGE	<u> </u>			
1a. TYPE OF WORK	DRILL K DEEPEN PLUG BACK				7. UNIT AGREEM		1 1012		
b. TYPE OF WELL				SINGLE	MULTIPL	E 🗂	8. FARM OR LE		DE DRINKARD
OIL K	GAS U	OTHER		ZONE	MULTIPL ZONE 3a. AREA CODE & PH		S. PARM OR LE	ASE NAME	
2. NAME OF OPERAT		DOOD LOTION A	^	and the	915-688-462		9. WELL NO.	_	
		PRODUCTION IN	<u>. </u>			- 1		136	
3. ADDRESS OF OPE		nd, Tex as 797	02	6	/ 203	51	10. FIELD AND		NILDGAT
		clearly and in accord		any State require	ments.*)		DOLLARHII	DE TUBE	BDRINKARD
At surface					V 03 1993	Ž.	11. SEC., T., R.	M., OR BI	LK.
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SAME		<u></u>				<i></i>			S, R-38-E
14. DISTANCE IN MI	LES AND DIRECTION !	ROM NEAREST TOWN	OR POST OF	FICE"	. 6 N.M) }	12. COUNTY OR	PARISH	13. STATE
	RTHEAST OF J	AL, NM.		T 640.34	250 21 1546	7 1 47 NO OF	LEA ACRES ASSIGNED	1_	NM
15. DISTANCE FROM	EAKESI	1610'		16. NO. OF AC	State Carrier		S WELL	40	
PROPERTY OR L (Also to neares	EASE LINE, FT. t drig. unit line, if a	ny)	·		533.52	20 5074	RY OR CABLE TOOL	40	
TO NEAREST WE	PROPOSED LOCATION	LEIED.		19. PROPOSED		20. ROTA			
OR APPLIED FOR	R, ON THIS LEASE, F	652	, 		7640'	L		ARY	WILL START *
21. ELEVATIONS (Sh	ow Whether DF, RT,	GR, ETC.)						07-5-9	.3
GR-3154'		200000	ED CASIN	IG AND CEM	ENTING PROGRA	M	_1	07-0-0	
23.		PROPOS	ED CASI	IG AID OLIN					
HOLE SIZE	CASING SIZE	WEIGHT/FOOT		RADE	THREAD TYPE PE	SETT	ING DEPTH		TY OF CEMENT
20	16	65#		H-40 /C-40	ST&C		1230'		UU UA
14 3/4	113/4	42		0 & S-80	LT&C		4200'		350 SX
* 11	8 5/8	32#		0 & L-80	LT&C	1	7640' 900 SX		
7 7/8	5 1/2	17# & 15.5# NOT BE SET IF				Dr	CONTRACTION OF	MENT \	
ADJUSTED. CEMENT PROGESURFACE CSG. Caci2 (14.8ppg. NTERMEDIATE 4gw/s). F/B 4production CS 4gw/s). (SACH 6ppg, 1.18cf/	RAM: CONDUCTO - 500 SX CLAS g, 1.32cf/s, 6 CSG - 950 SX 400 SX CLASS SG - 400 SX 3! (S WILL BE INO (s, 5.2gw/s).	OR - REDIMIX S C w/ 4% GEL	, 2% Cac ISS H w/ (15.6ppg S H w/ 6 IO IF INTI	212 (13.5pp) 6% GEL, 5 g, 1.19cf/s 6% GEL, 5% ERMEDIATE CHAS BEEN	g, 1.74cf/s, 9 % SALT, 1/4# s, 5.2gw/s). SALT, 1/4# FL CSG IS NOT SE	.1gw/s FLOCEL LOCELE T.) F/B). F/B 200 S E (12.8ppg, (12.8ppg, 1. 500 SACKS (X CLAS 1.94cf/ 94cf/s CLASS H	S C w/ 2% /s, 10. . 10.
If proposal is to dri if any. 24.	SCRIBE PROPOSED PROFILE OF GENERAL OF SCALE OF S	OGRAM: If proposal is nally, give pertinent of the pertin	to deepen data on sub	DDII 1 I	ive data on present is and measured an NG OPERATIONS		<u> </u>		roductive zone. reventer program,
PERMIT NO				APPRO	WAL DATE				
APPROVED BY	Ron Dunte	n	TIT	LE	REA MANAG	ER	DATE _	JUL	1 - 1993
CONDITIONS OF	APPROVAL, IF ANY:								

JUL 0 6 1993

ate of New Mexico Energy, Minerals and Natural Resources Department

Form C-102 Revised 1-1-89

OIL CONSERVATION DIVISION P.O. Box 2088

Santa Pe, New Mexico 87504-2088

DD, Artenia, NM 88210

80, Hobbs, NM 88240

WELL LOCATION AND ACREAGE DEDICATION PLAT

EXPLORATION & PRODUCTION INC. Section 30 10 10 10 10 10 10 10			All Di	Hences must t	e from the outer	CANADA O	I The section:		$\rightarrow C C C B \mathcal{F}^{-1}$
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& PRODUCTION INC. Date May 19, 1993 SURVEYOR CERTIFICATI I hereby certify that the will location this plat was platted from field actual acrosps made by one or approximan, and that the acros is a correct to the best of my broadle belief. Date Surveyed May 19, 1993 Signature & See of	· — —			-			 	X. D. Months R. D. Months DIVISIC Company TEX	MARIOTT ON SURVEYOR CACO EXPLORATION
on this plat was platted from field actual surveys made by me or we supervises, and that the same is a correct to the best of my knowled belief. Date Surveyed May 19, 1993 Signature & Seel of								May SURVEY	19, 1993 OR CERTIFICATION
May 19, 1993								m this plat w actual surveys approvison, an correct to the valief.	us plotted from flold note made by one or under i that the name is true
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DRILLING PROGRAM

WEST DOLLARHIDE DRINKARD UNIT No. 136

SURFACE DESCRIPTION:

The land surface in the area of the well site is practically level. Drainage is to the southeast. The top soil is sand. Vegetation consists mainly of shinnery oak, weeds, and range grasses.

FORMATION TOPS: Estimated KB Elevation: 3164'

<u>Formation</u>	<u>Depth</u>	Lithology	Fluid Content
Rustler Yates Queen Glorieta Tubb Drinkard Abo	1230' 2750' 3700' 5270' 6180' 6600'	Anhy Anhy, Dolo Sandstone Sandstone, Dolo Sandstone, Dolo Limestone, Dolo Limestone, Dolo	Oil/Gas/Wtr Oil/Gas/Wtr Oil/Gas/Wtr Oil/Gas/Wtr

The base of the salt section is at 2600'. No abnormal pressures or temperatures are anticipated to be encountered in this well. H2S is present in the Queen and Drinkard. H2S RADIUS OF EXPOSURE: 100ppm = 24', 500ppm = 11', based on 1,000ppm H2S and 100 MCF (see attached H2S Drilling Operations Flam. H25 equipment to be operational prior to drilling out Surface Casing Shoe.)

PRESSURE CONTROL EQUIPMENT:

A 3000 psi Dual Ram type preventer with rotating head will be used. (See Exhibit C). It will be installed after surface casing is set. BOP will be tested each time it is installed on a casing string and at least every 29 days, and operated at least once each 24-hour period during drilling.

CASING AND CEMENT PROGRAM:

The casing and cementing programs are detailed on Form 3160-3. All casing will be new. Intermediate casing will not be set if no water flow is encountered and production cement will be adjusted.

Centralizer Program:

Surface Casing - Centralize the bottom 3 joints and every 4th to surface.

Intermediate Casing - Centralize the bottom 3 jts and every other jt from 4200' to 3600'

Production Casing - Centralize every other joint on bottom 1500'.



JUL 0 5 1**99**3

West Dollarhide Drinkard Unit No. 136

MUD PROGRAM:

Depth	Type	<u>Weight</u>	<u>Viscosity</u>
0'-1230'	Fresh Water	8.4	28
1230'-4200'	Brine	10.0	29
4200'-7640'	Brine	10.0	29

LOGGING, TESTING:

GR-CNL-LDT, GR-DLL-MSFL, and GR-BHC-Sonic surveys will be run.

No Mud Logging Unit will be used.

No drill stem tests will be conducted.

No cores will be taken.

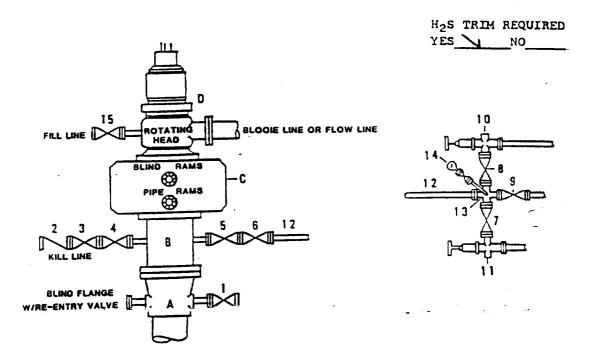
RESERVE

JUL 0 6 19**9**3

OCO HOBBE

DRILLING CONTROL CONDITION II-B 3000 WP

FOR AIR DRILLING OR WHERE NITROGEN OR AIR BLOWS ARE EXPECTED



DRILLING CONTROL

MATERIAL LIST - CONDITION II - B

В .	3000f W.P. drilling spool with a 2" minimum flanged outlet for kill line and 3" minimum flanged outlet for choke line.
c	30008 W.P. Dual ram type preventer, hydraulic operated with 1" steel, 30008 W.P. control lines (where substructure height is adequate, 2 - 30008 W.P. single ram type preventers may be utilized).
۵	Rotating Head with fill up outlet and extended Blooie Line.
1,3,4, 7,8,	2" minimum 1000# W.P. flanged full opening steel gate valve, or Halliburton to Torc Plug valve.
2	2 ^m minimum 3000\$ W.P. back pressure valve.
5,6,9	3" minimum 1000# W.P. flanged full opening steel gate valve, or Halliburton Lo Torc Plug valve.

3" minimum schedule 80, Grade "B", seamless line pipe. 12

2" minimum x 3" minimum 3000% W.P. flanged cross.

2" minimum 3000# W.P. adjustable choke bodies. 10,11

Cameron Hud Gauge or equivalent (location optional in choke line).

Texaco Wellhead

2" minimum 3000# W.P. flanged or threaded full opening steel gate valve, or Halliburton to Torc Plug valve.



TEXACO, INC. 410 LARO 017110 M HIOLAND, TEXAS



SCALE	DATE EST. NO	D. DRG. NO.
DRAWH ST		l l

APPROVED BY

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