ENERGY AND MINERALS DE			. CONSERVAT P. O. BOX ANTA FE, NEW M			Form C-10 Revised 10	0-1-78
SANTA FE FILE U.S.G.S. LAND OFFICE		57				BTATE	6 Gas Lease No.
OPERATOR		EDMIT TO	D DRILL, DEEPEN				
a. Type of Work			DRILL, DEEFEN	, OR PLUG BALK	•	7. Unit Agr	esmant Name
b. Type of Well DRILL			DEEPEN				ease Name
OIL X GAS WELL WELL	071			SINGLE X MUL	ZONE	Hanks	State "35"
ARCO Oil & Gas Co	ompany		•			9. Well No. 1	
Address of Operator							d Pool, or Wildcat
Box 1610, Midland	<u>1, TX 797</u>	02					
Location of Well UNIT LE	TTER	LO	CATED 1850	FEET FROM THE South	LINE	Wildca	
1930	Eas Eas		36	15S 311	 F.		
		the second se	NE OF SEC.		NMPM I	///////////////////////////////////////	, , , , , , , , , , <b>, , , , ,</b> ,
		IIIII				12. County	
						12. County Chaves	
						Chaves	
- Élevations (Show whether	JE. KT. etc. J			19. Froposed Depth 11,200	94. Formation Canyon	Chaves	23. Botary or C.T. Rotary
Lievations (Show whether L 4343.3 GR	)F, KT, etc.)	21A. Kind	6 Status Plug. Bond	19. Proposed Depth 11,200 21B. Drilling Contractor	9A. Formation	Chaves	20. Rotary or C.T. Rotary Date Work will start
	JE, KT, etc.)	21A. Kind GCA		19. Proposed Depth 11,200 21B. Drilling Contractor Not assigned	9A. Formation	Chaves	20. Rotary or C.T. Rotary Date Work will start
4343.3 GR	JF, KT, etc.)	21A. Kind GCZ	6 Status Plug. Bond A #8	19. Proposed Depth 11,200 21B. Drilling Contractor Not assigned D CEMENT PROGRAM	9A. Formation Canyon	Chaves 22. Approx 9-14	23. Rotary or C.T. Rotary Date Work will start -87
4343.3 GR SIZE OF HOLE 17-1/2		21A. Kind GCA CASING	6 Status Plug. Bond A #8 PROPOSED CASING AN	19. Froposed Depth 11,200 21B. Drilling Contractor Not assigned D CEMENT PROGRAM	9A. Formation Canyon	CEMENT	20. Rotary or C.T. Rotary Date Work will start -87 EST. TOP
4343.3 GR SIZE OF HOLE 17-1/2 12-1/4	SIZE OF	21A. Kind GCA CASING	6 Status Plug. Bond A #8 PROPOSED CASING ANI WEIGHT PER FOOT 54.5 24.32	19. Proposed Depth 11,200 21B. Drilling Contractor Not assigned D CEMENT PROGRAM T SETTING DEPTH	9A. Formation Canyon SACKS OF 500	Chaves 22. Approx 9-14 CEMENT	20. Botary or C.T. Rotary Date Work will start -87 EST. TOP Surface
4343.3 GR SIZE OF HOLE 17-1/2	SIZE OF	21A. Kind GCA CASING	6 Status Plug. Bond A #8 PROPOSED CASING AN WEICHT PER FOOT 54.5	19. Froposed Depth 11,200 21B. Drilling Contractor Not assigned D CEMENT PROGRAM T SETTING DEPTH 500	9A. Formation Canyon	CEMENT	20. Botary or C.T. Rotary Date Work will start -87 EST. TOP
4343.3 GR SIZE OF HOLE 17-1/2 12-1/4 7-7/8	SIZE OF 13-3/8 8-5/8 5-1/2	21A. Kind GCZ CASING	A #8 ROPOSED CASING AND WEIGHT PER FOOT 54.5 24.32 17,15.5	19. Froposed Depth 11,200 21B. Drilling Contractor Not assigned D CEMENT PROGRAM T SETTING DEPTH 500 4250 11200	SACKS OF 500 1300 1250	CEMENT	20. Flotary or C.T. Rotary Date Work will start -87 EST. TOP Surface 4000
4343.3 GR SIZE OF HOLE 17-1/2 12-1/4 7-7/8	SIZE OF 13-3/8 8-5/8 5-1/2 1 to total	21A. Kind GCZ CASING	A #8 ROPOSED CASING AND WEIGHT PER FOOT 54.5 24.32 17,15.5	19. Froposed Depth 11,200 21B. Drilling Contractor Not assigned D CEMENT PROGRAM T SETTING DEPTH 500 4250	SACKS OF 500 1300 1250	CEMENT	20. Flotery or C.T. Rotary Date Work will start -87 EST. TOP Surface 4000
4343.3 GR SIZE OF HOLE 17-1/2 12-1/4 7-7/8 Propose to dril	SIZE OF 13-3/8 8-5/8 5-1/2 1 to total 5 50	21A. Kind GCZ CASING	A #8 ROPOSED CASING AND WEIGHT PER FOOT 54.5 24.32 17,15.5	19. Froposed Depth 11,200 21B. Drilling Contractor Not assigned D CEMENT PROGRAM T SETTING DEPTH 500 4250 11200	SACKS OF 500 1300 1250	CEMENT	20. Flotary or C.T. Rotary Date Work will start -87 EST. TOP Surface 4000
4343.3 GR SIZE OF HOLE <u>17-1/2</u> <u>12-1/4</u> 7-7/8 Propose to dril Wolfcamp @ 9,03 Cisco @ 10,0	SIZE OF 13-3/8 8-5/8 5-1/2 1 to total 5 50 60	21A. Kind GCA F CASING	A #8 ROPOSED CASING AND WEICHT PER FCOT 54.5 24.32 17,15.5 of 11,200 feet	19. Froposed Depth 11,200 21B. Drilling Contractor Not assigned D CEMENT PROGRAM T SETTING DEPTH 500 4250 11200	SACKS OF 500 1300 1250	CEMENT	20. Flotary or C.T. Rotary Date Work will start -87 EST. TOP Surface 4000
4343.3 GR SIZE OF HOLE 17-1/2 12-1/4 7-7/8 Propose to dril Wolfcamp @ 9,03 Cisco @ 10,0 Canyon @ 10,6	SIZE OF 13-3/8 8-5/8 5-1/2 1 to total 5 50 60	21A. Kind GCA F CASING	A #8 ROPOSED CASING AND WEICHT PER FCOT 54.5 24.32 17,15.5 of 11,200 feet	19. Froposed Depth 11,200 21B. Drilling Contractor Not assigned D CEMENT PROGRAM T SETTING DEPTH 500 4250 11200	SACKS OF 500 1300 1250	CEMENT	20. Flotary or C.T. Rotary Date Work will start -87 EST. TOP Surface 4000
4343.3 GR SIZE OF HOLE 17-1/2 12-1/4 7-7/8 Propose to dril Wolfcamp @ 9,03 Cisco @ 10,0 Canyon @ 10,6	SIZE OF 13-3/8 8-5/8 5-1/2 1 to total 5 50 60	21A. Kind GCA F CASING	A #8 ROPOSED CASING AND WEICHT PER FCOT 54.5 24.32 17,15.5 of 11,200 feet	19. Froposed Depth 11,200 21B. Drilling Contractor Not assigned D CEMENT PROGRAM T SETTING DEPTH 500 4250 11200	SACKS OF 500 1300 1250	CEMENT	20. Flotary or C.T. Rotary Date Work will start -87 EST. TOP Surface 4000

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IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: I TIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.	F PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA	ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUC
I hereby certify that the information above is true and co	mplete to the best of my knowledge and belief.	
Signed Ken Ev Somell	Tule_EngrTech. 915/688-567	2 Date 9-3-87
(This space for State Use) Eddie W. Seay APPROVED BY Oil & Gas Inspector CONDITIONS OF APPROVAL, IF ANYI *	Permit Expires 6 Date Unless Dril	Months From Approval
	Date Official Date	



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## MEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-192 Supersedes C-128 Effective 1-1-65

All distances must	be	from	the	outer	boundaries	ol	the	Section
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<u>a</u>		All distances must be f	rom the outer boundaries o	t the Section	
-perator Artici	) 011 & Gas C	١.	Lease 36 Hanks State		Weil Mo.
kut Letter	Section	Township	Pange	T unity	
	36	15 South	31 East	Chaves	
Fuil Portage Lo [850		south	193.3		
mind Level Elev	feet from the Froducting Fr		Pool te	et fmm the East	
4543.3		IDN	Wildcat		Cedinated Annerael 40
1. Outline tl	he acreage dedic	ated to the subject we	Il by colored pencil	or hachure marks on	
Πιειεσια	na royanty).				thereof (both as to work)
Tes	No [fe	unitization, force-pool: inswer is "ves." type o	ng. etc? f consolidation		of all owners been consul
No allovai	ble will be assign	ed to the well until all	interests have been	co <b>ns</b> olidated (by co	dated. (Use reverse side mmunitization, unitizatio n approved by the Commi
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Hank State "36" No. 1	Date
uthorization numbers	Revised August 10, 19
strict or province	
Central District - North Area	
1700' FSL and 1700' FEL, Section 36-T15S-	-R31E
Chaves County, New Mexico	
Wolfcamp @ 9035', Cisco @ 10,050', Canyon	n @ 10,660'
al vertical depth	Total measured depth
/etion	11,000'
Record GL and RKB Elevations on 1st Daily	Drilling Report
Base of Salt - 2400' Glorieta - 5717'	
Yates - 2530' Tubb - 6925'	Cisco - 10,050' Canyon - 10,660'
Queen - 3386' Abo - 7775'	Proposed TD - 11,000'
San Andres - 4223' Wolfcamp - 9035'	
luctor	I design
20", 94# conductor pipe set @ ±40' GL and	
Sec e 140 GL and	grouted to surface with redimix.
ce casing - 17-1/2" Hole - 0 - 500'	
$\frac{1}{13-3/8''}$ , 54.5#, K-55, STC	
13-3/8", 54.5#, K-55, STC	Cemented to surface with ±500 sxs Class "C"
13-3/8", 54.5#, K-55, STC	Cemented to surface with ±500 sxs Class "C"
13-3/8", 54.5#, K-55, STC	Cemented to surface with ±500 sxs Class "C" cement w/2% CaCl2 (volumes based on 100% exc
13-3/8", 54.5#, K-55, STC ctive casings and liners - $12-1/4"$ Hole - $500' - 4250'$ 8-5/8", 24#, K-55, STC 0 - $3000'$	Cemented to surface with ±500 sxs Class "C" cement w/2% CaCl2 (volumes based on 100% exc Cemented to surface with ±1200 sxs "Lite" or
13-3/8", 54.5#, K-55, STC ctive casings and liners - $12-1/4"$ Hole - $500' - 4250'$ 8-5/8", 24#, K-55, STC 0 - $3000'8-5/8"$ , $32#$ , K-55, STC* $3000' - 4250'$	Cemented to surface with ±500 sxs Class "C" cement w/2% CaCl2 (volumes based on 100% exc Cemented to surface with ±1200 sxs "Lite" on followed by 100 sxs Class "H" cement (volume
13-3/8", 54.5#, K-55, STC ctive casings and liners - 12-1/4" Hole - 500' - 4250' 8-5/8", 24#, K-55, STC 0 - 3000' 8-5/8", 32#, K-55, STC* 3000' - 4250' *Special drifted to 7-7/8"	Cemented to surface with ±500 sxs Class "C" cement w/2% CaCl2 (volumes based on 100% exc Cemented to surface with ±1200 sxs "Lite" or
13-3/8", $54.5#$ , K-55, STC ctive casings and liners - $12-1/4"$ Hole - $500' - 4250'$ 8-5/8", $24#$ , K-55, STC 0 - $3000'8-5/8"$ , $32#$ , K-55, STC* $3000' - 4250'*Special drifted to 7-7/8"ction casing - 7-7/8" hole - 4250' - 11.000'$	Cemented to surface with ±500 sxs Class "C" cement w/2% CaCl2 (volumes based on 100% exc Cemented to surface with ±1200 sxs "Lite" on followed by 100 sxs Class "H" cement (volume
13-3/8", $54.5#$ , K-55, STC ctive casings and liners - $12-1/4"$ Hole - $500' - 4250'$ 8-5/8", $24#$ , K-55, STC 0 - $3000'8-5/8"$ , $32#$ , K-55, STC* $3000' - 4250'*Special drifted to 7-7/8"ction casing - 7-7/8" hole - 4250' - 11,000'5-1/2"$ , $17#$ , K-55, BTC 0-2000'	Cemented to surface with ±500 sxs Class "C" cement w/2% CaCl2 (volumes based on 100% exc Cemented to surface with ±1200 sxs "Lite" on followed by 100 sxs Class "H" cement (volume based on 50% excess) Cemented to 4000' in two stages (DV & 8800')
13-3/8", $54.5#$ , K-55, STC ctive casings and liners - $12-1/4"$ Hole - $500' - 4250'$ 8-5/8", $24#$ , K-55, STC 0 - $3000'8-5/8"$ , $32#$ , K-55, STC* $3000' - 4250'*Special drifted to 7-7/8"ction casing - 7-7/8" hole - 4250' - 11,000'5-1/2"$ , $17#$ , K-55, BTC 0-2000' 5-1/2", $15.5#$ , K-55, LTC - $2000' - 8500'$	Cemented to surface with ±500 sxs Class "C" cement w/2% CaCl2 (volumes based on 100% exc Cemented to surface with ±1200 sxs "Lite" on followed by 100 sxs Class "H" cement (volume based on 50% excess)
13-3/8", $54.5#$ , K-55, STC Crive casings and liners - $12-1/4"$ Hole - $500' - 4250'$ 8-5/8", $24#$ , K-55, STC 0 - $3000'8-5/8"$ , $32#$ , K-55, STC* $3000' - 4250'*Special drifted to 7-7/8"Chon casing - 7-7/8" hole - 4250' - 11,000'5-1/2"$ , $17#$ , K-55, BTC 0-2000' 5-1/2", $15.5#$ , K-55, LTC - $2000' - 8500'$	Cemented to surface with ±500 sxs Class "C" cement w/2% CaCl2 (volumes based on 100% exc Cemented to surface with ±1200 sxs "Lite" cm followed by 100 sxs Class "H" cement (volume based on 50% excess) Cemented to 4000' in two stages (DV @ 8800') 1st stage - 600 sxs Cl "H" cmt w/FLA (API FL 2 2nd stage - 600 sxs "Lite" cmt followed by 50 s
13-3/8", $54.5#$ , K-55, STC ctive casings and liners - $12-1/4"$ Hole - $500' - 4250'$ 8-5/8", $24#$ , K-55, STC 0 - $3000'8-5/8"$ , $32#$ , K-55, STC* $3000' - 4250'*Special drifted to 7-7/8"ction casing - 7-7/8" hole - 4250' - 11,000'5-1/2"$ , $17#$ , K-55, BTC 0-2000' 5-1/2", $15.5#$ , K-55, LTC - $2000' - 8500'$	Cemented to surface with ±500 sxs Class "C" cement w/2% CaCl2 (volumes based on 100% exc Cemented to surface with ±1200 sxs "Lite" on followed by 100 sxs Class "H" cement (volume based on 50% excess)
13-3/8", 54.5#, K-55, STC ctive casings and liners - 12-1/4" Hole - 500' - 4250' 8-5/8", 24#, K-55, STC 0 - 3000' 8-5/8", 32#, K-55, STC* 3000' - 4250' *Special drifted to 7-7/8" ction casing - 7-7/8" hole - 4250' - 11,000' 5-1/2", 17#, K-55, BTC 0-2000' 5-1/2", 15.5#, K-55, LTC 2000' - 8500' 5-1/2", 17#, L-80, LTC 8500' - 11,000' ction iner	Cemented to surface with ±500 sxs Class "C" cement w/2% CaCl2 (volumes based on 100% exc Cemented to surface with ±1200 sxs "Lite" cm followed by 100 sxs Class "H" cement (volume based on 50% excess) Cemented to 4000' in two stages (DV 3 8800') 1st stage - 600 sxs Cl "H" cmt w/FLA (API FL 2 2nd stage - 600 sxs "Lite" cmt followed by 50 s
13-3/8", $54.5#$ , $K-55$ , STC ctive casings and liners - $12-1/4"$ Hole - $500' - 4250'$ 8-5/8", $24#$ , $K-55$ , STC 0 - $3000'8-5/8"$ , $32#$ , $K-55$ , STC* $3000' - 4250'*Special drifted to 7-7/8"ction casing - 7-7/8" hole - 4250' - 11,000'5-1/2"$ , $17#$ , $K-55$ , BTC 0-2000' 5-1/2", $15.5#$ , $K-55$ , LTC 2000' - $8500'5-1/2"$ , $17#$ , $L-80$ , LTC 8500' - $11,000'ction timer$	Cemented to surface with ±500 sxs Class "C" cement w/2% CaCl2 (volumes based on 100% exc Cemented to surface with ±1200 sxs "Lite" on followed by 100 sxs Class "H" cement (volume based on 50% excess) Cemented to 4000' in two stages (DV @ 8800') 1st stage - 600 sxs Cl "H" ont w/FLA (API FL 2 2nd stage - 600 sxs "Lite" ont followed by 50 s Class "H" ont
13-3/8", $54.5#$ , K-55, STC ctive casings and liners - $12-1/4"$ Hole - $500' - 4250'$ 8-5/8", $24#$ , K-55, STC 0 - $3000'8-5/8"$ , $32#$ , K-55, STC* $3000' - 4250'*Special drifted to 7-7/8"ction casing - 7-7/8" hole - 4250' - 11,000'5-1/2"$ , $17#$ , K-55, BTC 0-2000' 5-1/2", $15.5#$ , K-55, LTC 2000' - $8500'5-1/2"$ , $15.5#$ , K-55, LTC 2000' - $8500'5-1/2"$ , $17#$ , L-80, LTC 8500' - $11,000'ction liner$	Cemented to surface with ±500 sxs Class "C" cement w/2% CaCl2 (volumes based on 100% exc Cemented to surface with ±1200 sxs "Lite" on followed by 100 sxs Class "H" cement (volume based on 50% excess) Cemented to 4000' in two stages (DV 3 8800') 1st stage - 600 sxs Cl "H" omt w/FLA (API FL 2 2nd stage - 600 sxs "Lite" omt_followed by 50 s Class "H" omt
13-3/8", $54.5#$ , $K-55$ , STC ctive casings and liners - $12-1/4"$ Hole - $500' - 4250'$ 8-5/8", $24#$ , $K-55$ , STC 0 - $3000'8-5/8"$ , $32#$ , $K-55$ , STC* $3000' - 4250'*Special drifted to 7-7/8"ction casing - 7-7/8" hole - 4250' - 11,000'5-1/2"$ , $17#$ , $K-55$ , BTC 0-2000' 5-1/2", $17#$ , $K-55$ , BTC 0-2000' - $8500'5-1/2"$ , $15.5#$ , $K-55$ , LTC 2000' - $8500'5-1/2"$ , $15.5#$ , $K-55$ , LTC 2000' - $8500'5-1/2"$ , $17#$ , $L-80$ , LTC $8500' - 11,000'Ction ther$	Cemented to surface with ±500 sxs Class "C" cement w/2% CaCl2 (volumes based on 100% exc Cemented to surface with ±1200 sxs "Lite" on followed by 100 sxs Class "H" cement (volume based on 50% excess) Cemented to 4000' in two stages (DV 3 8800') 1st stage - 600 sxs Cl "H" omt w/FLA (API FL 2 2nd stage - 600 sxs "Lite" omt_followed by 50 s Class "H" omt
13-3/8", 54.5#, K-55, STC Etive casings and liners - 12-1/4" Hole - 500' - 4250' 8-5/8", 24#, K-55, STC 0 - 3000' 8-5/8", 32#, K-55, STC* 3000' - 4250' *Special drifted to 7-7/8" Etion casing - 7-7/8" hole - 4250' - 11,000' 5-1/2", 17#, K-55, BTC 0-2000' 5-1/2", 15.5#, K-55, LTC 2000' - 8500' 5-1/2", 15.5#, K-55, LTC 2000' - 8500' 5-1/2", 17#, L-80, LTC 8500' - 11,000' Etion liner Pread 13-3/8" weld-on x 13-5/8", 3000 psi WP cas: 13-5/8", 3000 psi WP x 11", 3000 psi WP cas: 11", 3000 psi WP x 7-1/16", 5000 psi WP tuber Pread	Cemented to surface with ±500 sxs Class "C" cement w/2% CaCl2 (volumes based on 100% exc Cemented to surface with ±1200 sxs "Lite" on followed by 100 sxs Class "H" cement (volume based on 50% excess) Cemented to 4000' in two stages (DV 3 8800') 1st stage - 600 sxs Cl "H" omt w/FLA (API FL 2 2nd stage - 600 sxs "Lite" omt followed by 50 s Class "H" omt
13-3/8", 54.5#, K-55, STC Etive casings and liners - 12-1/4" Hole - 500' - 4250' 8-5/8", 24#, K-55, STC 0 - 3000' 8-5/8", 32#, K-55, STC* 3000' - 4250' *Special drifted to 7-7/8" Etion casing - 7-7/8" hole - 4250' - 11,000' 5-1/2", 17#, K-55, BTC 0-2000' 5-1/2", 15.5#, K-55, LTC 2000' - 8500' 5-1/2", 15.5#, K-55, LTC 2000' - 8500' 5-1/2", 15.5#, K-55, LTC 8500' - 11,000' S-1/2", 17#, L-80, LTC 8500' - 11,000' Stion liner Pread 13-3/8" weld-on x 13-5/8", 3000 psi WP cas: 13-5/8", 3000 psi WP x 11", 3000 psi WP cas: 11", 3000 psi WP x 7-1/16", 5000 psi WP tul S00'-4250' Fresh water Gel-Lime Spud M 500'-4250' Fresh water/Native Mud con	Cemented to surface with ±500 sxs Class "C" cement w/2% CaCl2 (volumes based on 100% exc Cemented to surface with ±1200 sxs "Lite" cm followed by 100 sxs Class "H" cement (volume based on 50% excess) Cemented to 4000' in two stages (DV 3 8800') 1st stage - 600 sxs Cl "H" cmt w/FLA (API FL 2 2nd stage - 600 sxs "Lite" cmt followed by 50 s Class "H" cmt inghead sing-spool binghead Mud
<pre>13-3/8", 54.5#, K-55, STC  tive casings and liners - 12-1/4" Hole - 500' - 4250' 8-5/8", 24#, K-55, STC 0 - 3000' 8-5/8", 32#, K-55, STC* 3000' - 4250' *Special drifted to 7-7/8" clion casing - 7-7/8" hole - 4250' - 11,000' 5-1/2", 17#, K-55, BTC 0-2000' 5-1/2", 17#, K-55, LTC 2000' - 8500' 5-1/2", 15.5#, K-55, LTC 2000' - 8500' 5-1/2", 17#, L-80, LTC 8500' - 11,000' Clion liner  read 13-3/8" weld-on x 13-5/8", 3000 psi WP cas: 13-5/8", 3000 psi WP x 11", 3000 psi WP cas: 13-5/8", 3000 psi WP x 11", 3000 psi WP cas: 11", 3000 psi WP x 7-1/16", 5000 psi WP tut 'gram 0-500' Fresh water Gel-Lime Spud M 500'-4250' Fresh water/Native Mud conv 4250'-8800' Fresh water</pre>	Cemented to surface with ±500 sxs Class "C" cement w/2% CaCl2 (volumes based on 100% exc Cemented to surface with ±1200 sxs "Lite" cm followed by 100 sxs Class "H" cement (volume based on 50% excess) Cemented to 4000' in two stages (DV @ 8800') 1st stage - 600 sxs Cl "H" cmt w/FLA (API FL 2 2nd stage - 600 sxs "Lite" cmt followed by 50 s Class "H" cmt inghead sing-spool binghead Mud verted to ±10.0 ppg SBW @ ±1400' (Top of evapor
<pre>13-3/8", 54.5#, K-55, STC  Stive casings and liners - 12-1/4" Hole - 500' - 4250' 8-5/8", 24#, K-55, STC 0 - 3000' 8-5/8", 32#, K-55, STC* 3000' - 4250' *Special drifted to 7-7/8"  Chon casing - 7-7/8" hole - 4250' - 11,000' 5-1/2", 17#, K-55, BTC 0-2000' 5-1/2", 17#, K-55, BTC 0-2000' 5-1/2", 15.5#, K-55, LTC 2000' - 8500' 5-1/2", 15.5#, K-55, LTC 2000' - 8500' 5-1/2", 17#, L-80, LTC 8500' - 11,000' Chon ther  read 13-3/8" weld-on x 13-5/8", 3000 psi WP cas: 13-5/8", 3000 psi WP x 11", 3000 psi WP cas: 13-5/8", 3000 psi WP x 11", 3000 psi WP cas: 11", 3000 psi WP x 7-1/16", 5000 psi WP tub 'ogram 0-500' Fresh water Gel-Lime Spud N 500'-4250' Fresh water/Native Mud conv 4250'-8800' Fresh water 8800'-TD LSND=Drispac=XC Polymer Cut approace </pre>	Cemented to surface with ±500 sxs Class "C" cement w/2% CaCl2 (volumes based on 100% exc Cemented to surface with ±1200 sxs "Lite" cm followed by 100 sxs Class "H" cement (volume based on 50% excess) Cemented to 4000' in two stages (DV 3 8800') 1st stage - 600 sxs Cl "H" cmt w/FLA (API FL 2 2nd stage - 600 sxs "Lite" cmt followed by 50 s Class "H" cmt inghead sing-spool binghead Mud verted to ±10.0 ppg SBW @ ±1400' (Top of evapor: interval) t Brine Water System = WT-9.0-9.2 png API FL 10
<pre>13-3/8", 54.5#, K-55, STC Crive casings and liners - 12-1/4" Hole - 500' - 4250' 8-5/8", 24#, K-55, STC 0 - 3000' 8-5/8", 32#, K-55, STC* 3000' - 4250' *Special drifted to 7-7/8" Crion casing - 7-7/8" hole - 4250' - 11,000' 5-1/2", 17#, K-55, BTC 0-2000' 5-1/2", 17#, K-55, LTC 2000' - 8500' 5-1/2", 15.5#, K-55, LTC 2000' - 8500' 5-1/2", 17#, L-80, LTC 8500' - 11,000' Crion liner Pread 13-3/8" weld-on x 13-5/8", 3000 psi WP cas: 13-5/8", 3000 psi WP x 11", 3000 psi WP cas: 13-5/8", 3000 psi WP x 11", 3000 psi WP cas: 13-5/8", 3000 psi WP x 11", 3000 psi WP cas: 13-5/8", 3000 psi WP x 11", 5000 psi WP cas: 13-5/8", 3000 psi WP x 11", 5000 psi WP cas: 13-5/8", 3000 psi WP x 11", 3000 psi WP cas: 13-5/8", 3000 psi WP x 11", 3000 psi WP cas: 13-5/8", 3000 psi WP x 11", 5000 psi WP cas: 13-5/8", 3000 psi WP x 11", 5000 psi WP cas: 13-5/8", 3000 psi WP x 11", 5000 psi WP cas: 13-5/8", 3000 psi WP x 11", 5000 psi WP cas: 13-5/8", 3000 psi WP x 11", 5000 psi WP cas: 13-5/8", 3000 psi WP x 11", 5000 psi WP cas: 13-5/8", 3000 psi WP x 11", 5000 psi WP cas: 13-5/8", 3000 psi WP x 11", 5000 psi WP cas: 13-5/8", 12-500' Fresh water Gel-Lime Spud M 500'-4250' Fresh water Gel-Lime Spud M 500'-4250' Fresh water 8800'-TD LSND-Drispac-XC Polymer Cut 0PEN HOLE TY HOLE</pre>	Cemented to surface with ±500 sxs Class "C" cement w/2% CaCl2 (volumes based on 100% exc Cemented to surface with ±1200 sxs "Lite" cm followed by 100 sxs Class "H" cement (volume based on 50% excess) Cemented to 4000' in two stages (DV @ 8800') 1st stage - 600 sxs Cl "H" cmt w/FLA (API FL 2 2nd stage - 600 sxs "Lite" cmt followed by 50 s Class "H" cmt inghead sing-spool binghead Mud verted to ±10.0 ppg SBW @ ±1400' (Top of evapori interval) t Brine Water System = WT-9.0-9.2 ppg, API FL 10 CASED HOLE
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Coring program

One 60', 4" core cut in the productive intervals below ±9000'

Drill stem tests One open-hole drill stem test anticipated in the productive interval below ±9000' as warranted by drilling breaks and shows

10' samples from base of the salt zone at ±2400' to TD\*

Fluid samples Send all fluid samples recovered during production testing to laboratory for chemical analysis

Mud logging

Evaluation

Completion

Samples

Two-Man Unit from 2400' to TD\*

Based on the results of open-hole DST's and log evaluation, expect one zone will be tested through 2-7/8", 6.5#, L-80, EUE-8rd tubing in 5-1/2" production casing. A small acid (±2500 - 5000 gallons) stimulation is also anticipated.

Well will be completed as a single producer through 2-7/8" tubing based on the results of production testing and the engineering and production departments' recommendation.



5000 psi BOP Stack RSR<sub>d</sub>AG



18-38-19-32