			Dr	
		OCD-HOB	DO TEAL	
Form 3160-5 (April 2004)	UNITED STATI DEPARTMENT OF TH	ES	BS RECEY MAR 18 201 LIQBBSUC	FORM APPROVED OM B No. 1004-0137 Expires: March 31, 2007
	BUREAU OF LAND MA	NAGEMENT	Han 1821	5. Lease Serial No.
SUNDRY	NOTICES AND RE	EPORTS ON WI	ELLSBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBB	/ LC 063965
Do not use t abandoned w	his form for proposals vell. Use Form 3160-3	to drill or to re (APD) for such p	enter an OCC roposals.	6. If Indian, Allottee or Tribe Name
SUBMIT IN TR	RIPLICATE- Other ins	tructions on reve	erse side.	7. If Unit or CA/Agreement, Name and/or
1. Type of Well ✓ Oil Well□ □ [Gas Well			Cooper Jal Unit- NM 070926X 8. Well Name and No.
2. Name of Operator Resaca Ope	· .	Cooper Jal Unit #412 9. API Well No.		
3a Address	uston, TX 77010	3b. Phone No. (inclue 432-580-8500	de area code)	30-025-32892
4. Location of Well (Footage, Sec.,			· .	10. Field and Pool, or Exploratory Area Jalmat; Tansill-Yates-7Rivers
980' FSL & 225' FEL Sec. 24, T24S, R36E	(11. County or Parish, State
12. CHECK A	PPROPRIATE BOX(ES) TO	O INDICATE NATU	RE OF NOTICE, REP	PORT, OR OTHER DATA
TYPE OF SUBMISSION		ТҰ	THE OF ACTION	
Notice of Intent	Acidize	Deepen	Production (Start/I	
Subsequent Report	Casing Repair	Fracture Treat	Reclamation	Well Integrity
_ ` `	Change Plans	Plug and Abandon	Temporarily Aband	don Stimulate Perfs
Final Abandonment Notice 13. Describe Proposed or Comple	Convert to Injection	Plug Back	Water Disposal	Foam Frac
 Describe Proposed or Completing the proposal is to deepen direct Attach the Bond under which the following completion of the intesting has been completed. Findetermined that the site is readed 1.) MIRU Pulling Unit and 2.) RIH w/ 4 ½" Bit and dia.) Clean out to 3410' PBT 4.) RU Service Company 4. 	ted Operation (clearly state all perfectionally or recomplete horizonta he work will be performed or provolved operations. If the operation nal Abandonment Notices shall be y for final inspection.) d Above Ground Steel Pit; NU rill collars on 2 7/8" work strict D. & prep to fracture stimulate v	tinent details, including est illy, give subsurface location vide the Bond No. on file n results in a multiple com e filed only after all require U BOP; POOH w/ rods ing. well down work string.	imated starting date of any p ons and measured and true v with BLM/BIA. Required s pletion or recompletion in a ements, including reclamation and tubing.	proposed work and approximate duration the vertical depths of all pertinent markers and za subsequent reports shall be filed within 30 d new interval, a Form 3160-4 shall be filed o on, have been completed, and the operator h
 13. Describe Proposed or Complet If the proposal is to deepen dir Attach the Bond under which it following completion of the in testing has been completed. Fidetermined that the site is read? 1.) MIRU Pulling Unit an 2.) RIH w/ 4 ¼" Bit and d 3.) Clean out to 3410' PB' 4.) RU Service Company. 5.) Foam Sand Frac Perfs plus 1.71 MMCF Nitroger 6.) RD Service Company. production until pressure 7.) POOH w/ 2 7/8" work 8.) RIH w/ 2 7/8" tubing. 9.) RDMO Pulling Unit, ch 	ted Operation (clearly state all pert ectionally or recomplete horizonta he work will be performed or prov volved operations. If the operation nal Abandonment Notices shall be y for final inspection.) d Above Ground Steel Pit; NU rill collars on 2 7/8" work stri FD. & prep to fracture stimulate v 3016'-3283' w/ approximately a diverting with 130 Bio Ball S Install adjustable choke mani depletes. string and lay down packer; of RIH w/ pump and rods. lean location, clean and dispon	tinent details, including es ally, give subsurface locati vide the Bond No. on file n results in a multiple com e filed only after all require U BOP; POOH w/ rods ing. well down work string. y 105,000# 16/30 Brady Sealers. ifold w/ pressure gauge clean out frac sand dow se of pit fluids.	imated starting date of any p ons and measured and true v with BLM/BIA. Required s pletion or recompletion in a ements, including reclamatic and tubing. Brown Sand & 105,000 c. Flow back well & clean	proposed work and approximate duration the retrical depths of all pertinent markers and ze subsequent reports shall be filed within 30 d new interval, a Form 3160-4 shall be filed of on, have been completed, and the operator h 0# 16/30 resin coated Brady Brown Sa n up well, monitoring pressure and sa
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CURRENT	COMPLETION SCHEMATIC	LEASE NAME Cooper Jal Unit		WELL NO. 412
<u> </u>		STATUS: Active Oil LOCATION: 980 FSL & 225 FEL, Sec 24, T - 24S, R - 36E; Let		API# 30-025-32892
		SPUD DATE: 05/19/95 TD 3800	KB 3,310'	DF
		INT. COMP. DATE: 06/13/95 PBTD 3410	GL 3,295'	
		GEO ELECTRIC LOGS:	OLOGICAL DATA	CORES, DST'S of MUD LOGS;
Surface Csg		GR-DLL-MSFL-CSL (5-25-95 Halliburton)		
ble Size: 12 1/4 in		GR-CSNG-SDL-DSN (5-25-95 Halliburton)		
g.Size: 8 5/8 in.∭ Set@: 406 ft.∭		GR-CCL (5-28-95 Halliburton)		
xs Cmt: 250		HYROCARBON B	BEARING ZONE DEPTH TOPS:	
Circ: Yes		Yates @ 3002' 7-Rivers @ 3230'	Queen @ 3628'	
FOC @: sunf 📈				
OC by: circ		CA: SURF. 8 5/8" - 24#, WC-50, ST&C set@ 406'. Cmt'd w/250 s	ASING PROFILE	
		PROD. 5 1/2" - 15.5#, WC-50, LT&C set@ 3786' Cmt'd w/11		
· · ·		LINER. None		
			PERFORATION DATA	
		CSG. PERFS: 29-May-95 Perf'd LM f/ 3476 - 90', 3508 - 13', 3553 - 57', 3586 - 91',	1 9 26261 201 wit 4 pot (124 be	OPEN HOLE :
		29-May-95 Perf'd Jalmat f/ 3086'-3100' w/ 4 spf (56 holes total)	, & 3020-20 W/ 4 Spt (124 hd	ies total)
		13-Sep-96 Perl'd Jalmat f/ 3016'-27', 3031'-36', 3046'-74', 3131'-42',	'. 3145 - 51'. 3173 - 77'. & 32	76 - 83' w/ 4 sof (316 holes total)
		TUBING DETAIL 11/17/06	ROD DETAIL	11/17/06
		Length (ft) Detail	Length (ft)	Detail
		0 КВ	18 1	26' x 1 1/4" polish rod w/ 7/8" pin
		3179 92 2 7/8" 6.5#, J-55, 8rd EUE tbg.	0 1	1 1/4" x 1 1/2" x 14' liner
		3 1 5 1/2" x 2 7/8" TAC w/ 18,000# tension	4 1	4' - 1" pony rod
		300 10 2 7/8" 6.5#, J-55, 8rd EUE tbg. 1 1 2 7/8" SN	925 37	1" D-90 steel rods
		31 1 3 1/2" Mud Anchor		7/8" D-90 steel rods 3/4" D-90 steel rods
		3514 btm		1 1/2" sinker bars
				2 1/2 " x 1 1/2" X 20' HVRC rod pump
			0 1	1 1/4" x 8' gas anchor
			3317 btm	
		WELL HISTORY SUMMARY		
		############ Perf'd 7-Rivers f/ 3476 - 90' w/ 4 spf (56 holes total).	Frac'd w/38 000 gals XLG 3	% KCI carrying 162 000#'s 16/30 brady
		sand last 15% of sand RC. Perf'd Jalmat f/ 3476'-90',	, 3508'-13', 53'-57', 3586'-9'	', & 3625'-28' with 4 spf (125 holes). Acdz
		with 2,000 gals 7 1/2% NEFE HCI. Frac w/ 38,000 gals	s XLG 2% KCL carrying 16	2,000#'s 16/30 mesh sand. Pump test per
	Yates @ 3002'	3476'-3628', recovering 23 bw & 2 Mcf in 23 hrs. Perf	f/ Yates f/ 3086'-3100' with	4 spf (56 holes). Frac'd with 43,000 gals
	3016'-27'	carrying 220,000#'s sand. Commingled all perfs - gals.		Commingled all perfs.
	3016-27	IP= 62 bopd, 119 bwpd, and 21 Mcfgpd (pumping). 13-Sep-96 Perf'd Yates f/ 3016'-27', 3031'-36', 3046'-74', 3131'-4	42' 3145'-51' 3173'-77' & 1	
	3031'-36'	with 3,000 gals 15% NEFE HCL dropping 280 7/8" RC	N ball sealers AIR=8 bpm	276'-83' with 4 spt (316 holes). Acdz'd per @ 1500 psi_ISIP=vacuum_Isolated and
	3031'-36'	with 3,000 gals 15% NEFE HCL dropping 280 7/8" RC	CN ball sealers. AIR=8 bpm	@ 1500 psi. ISIP=vacuum. Isolated and
	3031'-36' 3046'-74'	with 3,000 gals 15% NEFE HCL dropping 280 7/8" RC acdz'd perfs 3131'-3283' with 3,000 gals 15% NEFE H ISIP= vacuum. C/O with bailer from 3590 -3717' (127').	CN ball sealers. AIR=8 bpm ICL dropping 190 7/8" RCN). AFTER WO: 41 bopd, 2	@ 1500 psi. ISIP=vacuum. Isolated and ball sealers. AIR=8.1 bpm @ 1700 psig. 50 bwpd, & 12 Mcfgpd.
	3046'-74'	with 3,000 gals 15% NEFE HCL dropping 280 7/8" RC acdz'd perfs 3131'-3283' with 3,000 gals 15% NEFE H ISIP= vacuum. C/O with bailer from 3590 -3717' (127'). 12-Dec-97 Lost 4 1/2" gauge ring. Pushed to 3526' but could not r	CN ball sealers. AIR=8 bpm ICL dropping 190 7/8" RCN). AFTER WO: 41 bopd, 2 recover. Set CIBP @ 3445"	@ 1500 psi. ISIP=vacuum. Isolated and ball sealers. AIR=8.1 bpm @ 1700 psig. 50 bwpd, & 12 Mcfgpd. on wireline and dumped 35' of cmt on too
		with 3,000 gals 15% NEFE HCL dropping 280 7/8" RC acdz'd perfs 3131'-3283' with 3,000 gals 15% NEFE H ISIP= vacuum. C/O with bailer from 3590 -3717' (127') 12-Dec-97 Lost 4 1/2" gauge ring. Pushed to 3526' but could not r PBTD= 3410'. T/A'd Langlie Mattix. Acdz'd perfs 301	CN ball sealers. AIR=8 bpm ICL dropping 190 7/8" RCN). AFTER WO: 41 bopd, 2 recover. Set CIBP @ 3445 I6 - 3100' with 2,000 gals 15	@ 1500 psi. ISIP=vacuum. Isolated and ball sealers. AIR=8.1 bpm @ 1700 psig. 50 bwpd, & 12 Mcfgpd. on wireline and dumped 35' of cmt on too
	= 3046'-74' = 3086'-3100'	with 3,000 gals 15% NEFE HCL dropping 280 7/8" RC acdz'd perfs 3131'-3283' with 3,000 gals 15% NEFE H ISIP= vacuum. C/O with bailer from 3590 -3717' (127') 12-Dec-97 Lost 4 1/2" gauge ring. Pushed to 3526' but could not r PBTD= 3410'. T/A'd Langlie Mattix. Acdz'd perfs 3010 3.9 bpm @ 1260'. After WO: 36 bopd, 216 bwpd, & 9	CN ball sealers. AIR=8 bpm ICL dropping 190 7/8" RCN). AFTER WO: 41 bopd, 2 recover. Set CIBP @ 3445 I6 - 3100' with 2,000 gals 15	@ 1500 psi. ISIP=vacuum. Isolated and ball sealers. AIR=8.1 bpm @ 1700 psig. 50 bwpd, & 12 Mcfgpd. on wireline and dumped 35' of cmt on too
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	= 3046'-74' = 3086'-3100' = 3131'-42'	 with 3,000 gals 15% NEFE HCL dropping 280 7/8" RC acdz'd perfs 3131'-3283' with 3,000 gals 15% NEFE H ISIP= vacuum. C/O with bailer from 3590 -3717' (127'). 12-Dec-97 Lost 4 1/2" gauge ring. Pushed to 3526' but could not r PBTD= 3410'. T/A'd Langlie Mattix. Acdz'd perfs 3011 3.9 bpm @ 1260'. After WO: 36 bopd, 216 bwpd, & 9 07-Oct-98 Changed out all rod boxes and pump. 09-Jan-04 POOH w/rods, pump, & tubing. RIH w/new string 101 - 	CN ball sealers. AIR=8 bpm ICL dropping 190 7/8" RCN). AFTER WO: 41 bopd, 2 recover. Set CIBP @ 3445" I6 - 3100' with 2,000 gals 15 9 Mcfgpd. - 2 7/8" tbg. Set TAC w/ 12,0	@ 1500 psi. ISIP=vacuum. Isolated and ball sealers. AIR=8.1 bpm @ 1700 psig. 50 bwpd, & 12 Mcfgpd. on wireline and dumped 35' of cmt on top % NEFE HCL thru Sonic Hammer tool. AI 000#. RIH w/ pump & rods. PWOP.
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