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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

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5a. Indicate Type of Lease
State ☐ Fee ☒

5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

APR - 9 1979

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	O. C. C. ARTESIA, OFFICE	7. Unit Agreement Name
2. Name of Operator C & K Petroleum, Inc.		8. Farm or Lease Name Carlsbad "12" Com.
3. Address of Operator P.O. Drawer 3546 Midland, Texas 79702		9. Well No. 1
4. Location of Well UNIT LETTER 0 1760 FEET FROM THE East LINE AND 840 FEET FROM T-1 South LINE, SECTION 12 TOWNSHIP 22-S RANGE 26-E N.M.P.M.		10. Field and Pool, or Wildcat So. Carlsbad Morrow
15. Elevation (Show whether DF, RT, GR, etc.) 3127 Gr.		12. County Eddy

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER		Squeezed Perfs. 11483-11561 & reperforate Morrow 11284-11407 & recompleate.	

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

3-22-79 Finished TIH with 2-7/8" tubing to 11,450'; Loaded hole and circulated; Engaged easy-drill retainer; Tested tubing to 5000#; Took injection rate into perforations from 11,483' to 11,561' @ 2-1/2 bpm @ 2800#; Squeezed perforations with 100 sks. Class H with 8/10ths of 1% of Halad-9 followed with 75 sks. Class H with 3/10ths of 1% of HR-4, total cement slurry 37 bbls.; Perforations squeezed off while pumping @ 4500# with 31 bbls. of cement below retainer; Pulled out of retainer, reversed out 6 bbls. of cement, left 5' of cement on top of retainer; PBSD 11,445'; Displaced all fluid out of tubing and casing with new 2% KCL water; Spotted 200 gals. of MSA acid @ 11,418' to 11,218'; Pulled 200 joints of tubing out of hole; Shut down for night; This a.m., continuing to pull tubing out of hole, prep to perforate this morning.

"Continued on Reserve Side"

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED [Signature] TITLE Administrative Supervisor DATE April 3, 1979

APPROVED BY For Record Only TITLE SUPERVISOR, DISTRICT II DATE APR 11 1979

CONDITIONS OF APPROVAL, IF ANY:

3-23-79

Perforated the following intervals: from 11,284' to 11,287-1/2' (3-1/2', 8 holes), from 11,333' to 11,336-1/2' (3-1/2', 8 holes), from 11,403-1/2' to 11,407' (3-1/2', 8 holes), total of 24 holes, .390" ID; Ran 5-1/2", 17# X 2-3/8" Baker Lok-Set Packer with seating nipple 8' above packer and 355 joints of 2-7/8" tubing with bottom of tubing @ 11,241'; Reversed 5 bbls. of fluid up in tubing to clear packer of acid water; Set packer @ 11,241', open ended with 20,000# compression; Installed Xmas tree; Tested packer on back side to 2000#; Broke down perforations with 200 gals. MSA acid, perforations started taking fluid @ 4100#; Treated maximum pressure 5400#, 4.5 bpm, instant shut down pressure 3800#; Swabbed tubing down to 4400' from surface, recovered 25 BLW; Shut down for night; This a.m., well shut in overnight 12 hrs., SITP 1950#, bled pressure off tubing in 45 mins., now swabbing; Expect to acidize today.

3-23-79

Shut in overnight, 12 hrs., SITP 1950 psi; Flowed gas off tubing in 45 mins., ran swab, found fluid @ 3400'; Swabbed down to 8500' in 4 runs; 5th run, fluid @ 3600'; Ran swab to 6600' and tubing unloaded; Ran swab 7 time to seating nipple @ 11,241', pulled 2 bbls. fluid; Swabbed and flowed 51 BLW (51 + 25 yesterday, for a total of 76 bbls. since breakdown with 200 gals. MSA acid); Continuous flow of gas, estimated 150 MCF; Western Co. installed Tree Saver and hooked up equipment to acidize; Acidized perforations with 1500 gals. 7-1/2% MS acid in 3 stages and 2 stages of 11 ball sealers; Pumped 2 bbls. of acid and nitrogen pad and 12 bbls. acid with 1000 scf N₂ per bbl. plus 11 ball sealers for the 1st stage, 2nd stage - 12 bbls. acid and 11 ball sealers, 3rd stage - 10 bbls. acid; Maximum TP 5250 psi, minimum TP 4400 psi, average TP 4700 psi; Average injection rate 2.9 bpm; Acid and flush @ 2.3 bpm plus N₂; Had initial formation break when acid on formation, 5250 psi to 5800 psi to 4400 psi; No ball action on 1st set of 11 ball sealers; 2nd set ball sealers had 300 psi increase (4400 psi to 4700 psi); Instant shut down pressure 4000 psi, 15 mins. SIP 3200 psi, 45 mins. SI 2700 psi; Total fluid to recover 74 bbls.; Opened well to flow back N₂ and acid water; Flowed back 34 bbls. water and died; Ran swab, found scattered fluid, 4000' to 6000', swabbed 17-1/2 bbls. in 5 runs with swab, last run from seating nipple @ 11,229'; Continuous flow of gas to surface; Flowed back 34 bbls. acid water, swabbed back 17-1/2 bbls. acid water, for a total of 51-1/2 bbls. acid water, 22-1/2 bbls. acid water to recover; Shut well in @ 6:00 p.m., 100 psi;

3-24

SITP @ 6:45 a.m. 2330 psi; SITP @ 8:30 a.m., 2550 psi; Flowed pressure of tubing 1 hr., 15 mins., did not unload any fluid; At 10:00 a.m., first run with swab, hit scattered fluid and gas pockets @ 3000', ran swab to 5000' and swab line stranded at splice in lubricator, could not pull out or go down; While waiting on sand line splicer and equipment to make repairs well unloaded 9-1/2 BLW and continued to gas; Made repairs to sand line by opening well to atmosphere, cut barbs off line and re-spliced sand line; At 5:00 p.m., ran swab to seating nipple @ 11,229', had scattered fluid, pulled swab, recovered 7 BLW; Ran swab again to seating nipple, pulled 1 bbl. fluid, tubing swabbed dry; Total swabbed and flowed 17 bbls., 4-1/2 BLW to recover; After two runs with swab and swabbed dry, hooked up well to Stac-pac and put well on line to Transwestern for sales @ 240 MCF on 13/64" choke, FTP 290 psi; Released well service unit but did not rig down; Put well on line @ 6:00 p.m., 3-24-79;

3-25

Flowed overnight to Transwestern on 13/64" choke, FTP 249 psi, line pressure 180 psi, gas volume 249 MCF, 56" on meter run, 1 BLW (Note: All load water recovered);